

Supplement to the Clinical Practice Guideline for the Management of Rotator Cuff Injuries

e-Appendix 1

- PICO Questions
- Inclusion Criteria
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- Guideline Development Group Disclosures
- AAOS Approval Bodies
- Review Organizations
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PICO Questions

1. In adult patients (18 and over) with full thickness rotator cuff tears and no previous shoulder surgery, does rotator cuff repair improve patient outcomes compared to non-operative treatment?
2. In adult patients (18 and over) who are undergoing a primary full thickness rotator cuff repair, does addressing concomitant shoulder pathology (symptomatic or radiographic) via acromioplasty improve outcomes compared to isolated cuff repair?
3. For patients with symptoms consistent with rotator cuff pathology, what is the sequential diagnostic value of history, physical exam, or soft-tissue imaging (i.e., MRI, ultrasound) in the accurate diagnosis of rotator cuff tears?
4. In adult patients (18 and over) who have undergone a primary rotator cuff repair, does the timing of post-operative mobilization result in improved outcomes?
5. In adult patients (18 and over) who have undergone a primary rotator cuff repair, does supervised exercise programs offer improved outcomes as compared to unsupervised exercise programs?
6. In adult patients (18 and over) with rotator cuff pathology undergoing non-operative treatment, what is the effect of various injections on patient outcomes?
7. In adult patients (18 and over) with partial rotator cuff tears who have failed non-operative treatments, does surgical repair result in improved outcomes compared with debridement?
8. In adult patients (18 and over) with full thickness rotator cuff tears who are undergoing surgical treatment, what are modifiable and non-modifiable risk factors that affect surgical outcomes?
9. In adult patients (18 and over) with full thickness rotator cuff tears who are undergoing surgical treatment, which surgical techniques (single vs. double row, transosseous vs. repair with anchor, open vs. arthroscopic, knot vs. knotless, repair with vs. without marrow stimulation, biologics with repair – PRP, stem cell, biologic patch, bioinductive material vs. without, bioinductive implant repair vs. without) result in improved patient outcomes?
10. In adult patients (18 and over) with massive irreparable rotator cuff tears without arthropathy, which intervention(s) improves outcome compared to physical therapy alone?
11. In adult patients (18 and over) with massive irreparable rotator cuff tears with arthropathy, which intervention improves outcome?
12. In adult patients (18 and over) with rotator cuff pathology who have undergone surgical treatment which postoperative nonnarcotic pain management modalities are most effective for pain management?
13. In adult patients (18 and over) with low-grade / intermediate grade partial-thickness rotator cuff tears, does surgery improve patient outcomes compared to PT?

Inclusion Criteria

Standard Inclusion/Exclusion Criteria for all CPGs

1. Article must be a full article report of a clinical study.
2. Retrospective non-comparative case series, medical records review, meeting abstracts, historical articles, editorials, letters, and commentaries are **excluded**.
 - a. Bibliographies of meta-analyses and systematic reviews will be examined to ensure inclusion of all relevant literature.
3. Confounded studies (i.e., studies that give patients the treatment of interest AND another treatment) are

excluded.

4. Case series studies that have non-consecutive enrollment of patients are ***excluded.***
5. Controlled Trials in which patients were not stochastically assigned to groups AND in which there was either a difference in patient characteristics or outcomes at baseline AND where the authors did not statistically adjust for these differences when analyzing the results are ***excluded.***
6. All studies evaluated as “very low quality” will be ***excluded.***
7. Composite measures or outcomes are ***excluded*** even if they are patient oriented.
8. Study must appear in a peer-reviewed publication
9. For any included study that uses “paper-and-pencil” outcome measures (e.g., SF-36), only those outcome measures that have been validated will be included
10. For any given follow-up time point in any included study, there must be $\geq 50\%$ patient follow-up
 - a. If the follow-up is $>50\%$ but $<80\%$, the study quality will be downgraded by one Level
11. Study must be of humans
12. Study must be published in English
13. Study results must be quantitatively presented
14. Study must not be an in vitro study
15. Study must not be a biomechanical study
16. Study must not have been performed on cadavers

We will only evaluate surrogate outcomes when no patient-oriented outcomes are available.

Work Group Defined Criteria

1. Study must be of an <Rotator Cuff> injury or prevention thereof
2. Study must be published in or after <previous guideline search date> for surgical treatment, rehabilitation, bracing, prevention and MRI
3. Study must be published in or after < previous guideline search date > for x rays and non-operative treatment
4. Study must be published in or after < previous guideline search date > for all others non specified
5. Study should have 10 or more patients per group (Work group may further define sample size)
6. For surgical outcome a minimum of 12 months follow up duration.
7. For pain management no minimum follow up duration.
8. For non-operative injections a minimum of 4 weeks follow up duration.
9. Antibiotic prophylaxis, anticoagulation, mode of anesthesia: all follow-ups
10. For non-operative treatment a minimum of 4 weeks follow-up.

Literature Search Strategy

Literature Search Methods

The medical librarian conducted a comprehensive search of MEDLINE, Embase, and The Cochrane Library (i.e., the Cochrane Central Register of Controlled Trials and the Cochrane Database of Systematic Reviews) using key terms and concepts derived from the PICO questions defined by the workgroup. Backward citation searching was conducted – reference lists of relevant systematic reviews were manually reviewed to identify additional references that were not discovered on the initial search. All databases were last searched on June 7, 2024. A search limit was applied to locate English-language studies only. Additional publication date limits were applied as well. For PICO that were featured in the previous iteration of this guideline, a publication date limit of 2018-2024 was set to capture the literature that was released since the previous guideline. For PICO that were newly introduced to this current iteration of the guideline, a publication date limit was set to 1966-2024.

PRISMA

Records identified through database searching: 16,583
Records after duplicates removed: 9,377
Additional records identified through other sources: 282
Records screened: 9,659

Appendix: Literature Search Strategies by Database

Database: MEDLINE (Ovid MEDLINE® and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Daily and Versions ® 1946 to June 6, 2024)
Interface: Ovid (<http://ovidsp.ovid.com>)
Date Searched: June 7, 2024

LINE	SEARCH SYNTAX
1	English.lg. (exp Animals/ NOT Humans/) OR exp Cadaver/ OR cadaver*.ti. OR (in-vitro NOT in-vivo).ti. OR ((comment OR editorial OR letter OR historical article) NOT clinical trial).pt. OR address.pt. OR news.pt. OR newspaper article.pt. OR pmcbook.af. OR case reports.pt. OR retracted-publication.pt. OR retraction-of-publication.pt. OR meeting-abstract.pt. OR congress.pt. OR gray-literature.pt. OR clinical-conference.pt. OR (case report? OR abstracts OR editorial OR reply OR comment? OR commentary OR letter).ti. OR (animal* OR dogs OR sheepdog OR canine OR cats OR feline OR horse* OR equine OR donkey* OR mouse OR mice OR murin?e OR woodmouse OR rat OR rats OR cottonrat* OR rodent* OR hamster* OR squirrel* OR chipmunk* OR otter* OR weasel* OR badger* OR beaver* OR llama* OR alpaca* OR rabbit* OR hare OR hares OR sheep OR ovine OR lamb? OR goat* OR (porcine AND model?) OR swine* OR pig OR pigs OR piglet* OR boar OR boars OR hog OR hogs OR cow OR cows OR cattle* OR bull OR bulls OR bison* OR buffalo* OR monkey* OR ape OR apes OR baboon* OR gibbon* OR bonobo* OR gorilla* OR lemur* OR chimp* OR orangutan* OR macaque* OR marmoset* OR primate* OR bear OR bears OR ursine OR avian OR hen OR hens OR chicken* OR duck? OR goose OR geese OR poultr* OR fowl? OR deer OR doe OR reindeer OR dolphin OR pisces OR trout* OR zebrafish* OR catfish* OR goldfish* OR seahorse* OR shark* OR salmon OR whitefish* OR reptil* OR lizard* OR alligator* OR crocodile* OR turtle* OR amphibian* OR frog* OR toad* OR eel? OR salamander* OR veterinar*).ti. OR veterinar*.jw.
2	
3	1 NOT 2
4	limit 3 to yr=2018-Current

5	Rotator-Cuff-Injuries/ or Rotator-Cuff-Tear-Arthropathy/ or Rotator-Cuff/ab, dg, de, pa, pp, su or *Shoulder-Impingement-Syndrome/ or rotator-cuff?.ti. or (cuff-surg* or (cuff-repa* and shoulder*) or ((cuff or subacromial) adj (tear? or disorder? or imping* or syndrome? or disease? or insufficien* or arthropath* or deficien*)) or (shoulder adj (imping* or disorder? or disease?)) or (subacromial adj (patholog* or pain)) or (subacromial and burs*) or (rotator-cuff adj2 (patholog* or injur*)) or ((rotator-cuff or supraspinatus) adj lesion?) or ((rotator-cuff? or infraspinatus or subscapularis or supraspinatus or teres-minor) and (tear* or torn or repair* or repar* or rupture* or tend#nopath* or tend#nit* or insufficien* or pain* or dysfunction* or arthropath* or degenerat* or deficien*))).tw,kf. or (rotator-cuff?.tw,kf. and (shoulder-surger* or bubble-sign?).ti.)
6	4 AND 5
7	((partial* OR incomplete) ADJ7 (lesion* OR thick* OR injur* OR tear* OR torn OR ruptur* OR avuls*)).tw,kf.
8	Arthroscopy/ or Debridement/ or (arthroscop* or debride* or repair*).tw,kf. or (treatment* or management* or surgery or surgical* or intervention?).ti.
9	exp Physical-Therapy-Modalities/ or (physical-therap* or physiotherap* or exercis* or rehab* or conservative* or nonoperative* or non-operative* or nonsurg* or non-surg*).tw,kf.
10	3 AND 5 AND 7 AND 8 AND 9
11	6 OR 10

Database: Embase

Interface: Elsevier (<https://embase.com>)

Date Searched: June 7, 2024

LINE	SEARCH QUERY
1	[english]/lim (nonhuman/de NOT human/exp) OR abstract-report/de OR book/de OR editorial/de OR editorial:it OR note/de OR note:it OR letter/de OR letter:it OR case-study/de OR case-report/de OR chapter:it OR conference-paper/exp OR conference-paper:it OR conference-abstract:it OR conference-review:it OR retraction-notice/exp OR grey-literature/de OR (abstracts OR editorial OR reply OR comment\$ OR commentary OR letter):ti OR cadaver/de OR in-vitro-study/exp OR cadaver*:ti OR (in-vitro NOT in-vivo):ti OR animal-experiment/exp OR veterinary-study/exp OR animal-disease/exp OR (animal* OR dogs OR sheepdog OR canine OR cats OR feline OR horse* OR equine OR donkey* OR mouse OR mice OR murin\$ OR woodmouse OR rat OR rats OR cottonrat* OR rodent* OR hamster* OR squirrel* OR chipmunk* OR otter* OR weasel* OR badger* OR beaver* OR llama* OR alpaca* OR rabbit* OR hare OR hares OR sheep OR ovine OR lamb\$ OR goat* OR (porcine AND model\$) OR swine* OR pig OR pigs OR piglet* OR boar OR boars OR hog OR hogs OR cow OR cows OR cattle* OR bull OR bulls OR bison* OR buffalo* OR monkey* OR ape OR apes OR baboon* OR gibbon* OR bonobo* OR gorilla* OR lemur* OR chimp* OR orangutan* OR macaque* OR marmoset* OR primate* OR bear OR bears OR ursine OR avian OR hen OR hens OR chicken* OR duck\$ OR goose OR geese OR poultr* OR fowl\$ OR deer OR doe OR reindeer OR dolphin OR pisces OR trout* OR zebrafish* OR catfish* OR goldfish* OR seahorse* OR shark* OR salmon OR whitefish* OR reptil* OR lizard* OR alligator* OR crocodile* OR turtle* OR amphibian* OR frog* OR toad* OR eel\$ OR salamander* OR veterinar*):ti
2	
3	#1 NOT #2
4	#3 AND [2018-2024]/py

5	rotator-cuff/exp/mj or rotator-cuff-injury/exp or (rotator NEXT/1 cuff\$):ti OR (cuff-surg* or (cuff-repa* and shoulder*) or ((cuff or subacromial) NEXT/1 (tear\$ or disorder\$ or imping* or syndrome\$ or disease\$ or insufficien* or arthropath* or deficien*)) or (shoulder NEXT/1 (imping* or disorder\$ or disease\$)) or (subacromial NEXT/1 (patholog* or pain)) or (subacromial and burs*) or (rotator-cuff NEAR/2 (patholog* or injur*)) or ((rotator-cuff or supraspinatus) NEXT/1 lesion\$) or ((rotator-cuff or rotator-cuffs or infraspinatus or subscapularis or supraspinatus or teres-minor) and (tear* or torn or repair* or repar* or rupture* or tend\$nopath* or tend\$nit* or insufficien* or pain* or dysfunction* or arthropath* or degenerat* or deficien*)):ti,ab,kw or ((rotator NEXT/1 cuff\$):ti,ab,kw and ((shoulder NEXT/1 surger*) or (bubble NEXT/1 sign\$)):ti)
6	#4 AND #5
7	((partial* OR incomplete) NEAR/7 (lesion* OR thick* OR injur* OR tear* OR torn OR ruptur* OR avuls*)):ti,ab,kw
8	arthroscopy/exp or debridement/exp or (arthroscop* or debride* or repair*):ti,ab,kw or (treatment* or management* or surgery or surgical* or intervention\$):ti
9	physiotherapy/exp OR kinesiotherapy/exp or ((physical NEXT/1 therap*) or physiotherap* or exercis* or rehab* or conservative* or nonoperative* or (non NEXT/1 (operative* OR surg*)) or nonsurg*):ti,ab,kw
10	#3 AND #5 AND #7 AND #8 AND #9
11	#6 OR #10

Databases: Cochrane Central Register of Controlled Trials and Cochrane Database of Systematic Reviews

Interface: Wiley (<https://www.cochranelibrary.com>)

Date Searched: June 7, 2024

LINE SEARCH QUERY

1	(rotator NEXT/1 cuff?):ti OR (cuff-surg* or (cuff-repa* and shoulder*) or ((cuff or subacromial) NEXT/1 (tear? or disorder? or imping* or syndrome? or disease? or insufficien* or arthropath* or deficien*)) or (shoulder NEXT/1 (imping* or disorder? or disease?)) or (subacromial NEXT/1 (patholog* or pain)) or (subacromial and burs*) or (rotator-cuff NEAR/2 (patholog* or injur*)) or ((rotator-cuff or supraspinatus) NEXT/1 lesion?) or ((rotator-cuff or rotator-cuffs or infraspinatus or subscapularis or supraspinatus or teres-minor) and (tear* or torn or repair* or repar* or rupture* or tend?nopath* or tend?nit* or insufficien* or pain* or dysfunction* or arthropath* or degenerat* or deficien*)):ti,ab,kw or ((rotator NEXT/1 cuff?):ti,ab,kw and ((shoulder NEXT/1 surger*) or (bubble NEXT/1 sign?):ti)
2	"conference abstract":pt OR "retracted publication":pt OR "retraction of publication":pt OR (abstracts OR editorial OR reply OR comment? OR commentary OR letter):ti OR cadaver*:ti OR ("in vitro" NOT "in vivo"):ti OR (animal* OR dogs OR sheepdog OR canine OR cats OR feline OR horse* OR equine OR donkey* OR mouse OR mice OR murin?e OR woodmouse OR rat OR rats OR cottonrat* OR rodent* OR hamster* OR squirrel* OR chipmunk* OR otter* OR weasel* OR badger* OR beaver* OR llama* OR alpaca* OR rabbit* OR hare OR hares OR sheep OR ovine OR lamb? OR goat* OR (porcine AND model?) OR swine* OR pig OR pigs OR piglet* OR boar OR boars OR hog OR hogs OR cow OR cows OR cattle* OR bull OR bulls OR bison* OR buffalo* OR monkey* OR ape OR apes OR baboon* OR gibbon* OR bonobo* OR gorilla* OR lemur* OR chimp* OR orangutan* OR macaque* OR marmoset* OR primate* OR bear OR bears OR ursine OR avian OR hen OR hens OR chicken* OR duck? OR goose OR geese OR poultr* OR fowl? OR

deer OR doe OR reindeer OR dolphin OR pisces OR trout* OR zebrafish* OR catfish* OR goldfish* OR seahorse* OR shark* OR salmon OR whitefish* OR reptil* OR lizard* OR alligator* OR crocodile* OR turtle* OR amphibian* OR frog* OR toad* OR eel? OR salamander* OR veterinar*):ti

- | | |
|-----------|---|
| 3 | #1 NOT #2 <i>with Cochrane Library publication date from Jun 2018 to Jun 2024, in Cochrane Reviews</i> |
| 4 | #1 NOT #2 <i>with Publication Year from 2018 to 2024, in Trials</i> |
| 5 | #3 OR #4 |
| 6 | ((partial* OR incomplete) NEAR/7 (lesion* OR thick* OR injur* OR tear* OR torn OR ruptur* OR avuls*)):ti,ab,kw |
| 7 | (arthroscop* or debride* or repair*):ti,ab,kw or (treatment* or management* or surgery or surgical* or intervention?):ti |
| 8 | ((physical NEXT/1 therap*) or physiotherap* or exercis* or rehab* or conservative* or nonoperative* or (non NEXT/1 (operative* OR surg*)) or nonsurg*):ti,ab,kw |
| 9 | (#1 NOT #2) AND #6 AND #7 AND #8 |
| 10 | #5 OR #9 |

Excluded Articles

Authors	Article Title	Year	Reason for Exclusion
	A Randomised Controlled Trial Of Autologous Tenocyte Versus Corticosteroid Injection for Partial Thickness Rotator Cuff Tears and Impingement Syndrome	2023	abstract only; final study not yet published
	Effect of Polydeoxyribonucleotide on Tendon Healing and Fatty Degeneration in Arthroscopic Rotator Cuff Repair: a Randomized Controlled Trial	2023	Abstract Only, full thickness tears?
	Leukocyte-Poor Platelet Rich Plasma As An Adjuvant Of Arthroscopic Rotator Cuff Repairs Reduces Retears Rates But Does Not Improve Functional Outcomes A Double-Blind Randomized Controlled Trial	2023	Abstract Only, full thickness tears?
A'Court, J. J.; Chatindiara, I.; Fisher, R.; Poon, P. C.	Does the stemless reverse arthroplasty compare to a conventional stemmed implant? Clinical and radiographic evaluation at 2 years' minimum follow-up	2024	Mixed Diagnosis w/o Stratification
A. Hamid MS; Sazlina, S. G.	Platelet-rich plasma for rotator cuff tendinopathy: A systematic review and meta-analysis	2021	systematic review
Aagaard, K. E.; Lunsjo, K.; Frobell, R.	Early repair of trauma-related full-thickness rotator cuff tears does not eliminate the problem of healing failure	2019	no comparison group
Aagaard, K. E.; Randebblad, P.; Abu-Zidan, F. M.; Lunsjo, K.	Return to work after early repair of acute traumatic rotator cuff tears	2020	no outcomes of interest
Abballe, V. D.; Walter, W. R.; Lin, D. J.; Alaia, M. J.; Alaia, E. F.	Anterior Shoulder Instability in the Aging Population: MRI Injury Pattern and Management	2021	no relevant outcomes; mixed population
Abbot, A. E.; Li, X.; Busconi, B. D.	Arthroscopic treatment of concomitant superior labral anterior posterior (SLAP) lesions and rotator cuff tears in patients over the age of 45 years	2009	irrelevant comparison of how the SLAP tear was treated, not the RC tear
Abd Elrahman, A. A.; Sobhy, M. H.; Abdelazim, H.; Omar Haroun, H. K.	Superior Capsular Reconstruction: Fascia Lata Versus Acellular Dermal Allograft: A Systematic Review	2020	Systematic Review
Abdalla, A. A.; Pendegrass, C. J.	Biological approaches to the repair and regeneration of the rotator cuff tendon-bone enthesis: a literature review	2023	Systematic Review; Bib Review Completed
Abdel-Mordy Kandeel, A.	Intra-articular soft arthroscopic Latarjet technique as a Bankart-plus procedure for type V superior labrum anterior-posterior lesion: lower rate of instability recurrence and better functional outcomes of a prospective cohort study	2023	irrelevant intervention: Bankart repair; irrelevant population: glenohumeral instability/labral lesion

Authors	Article Title	Year	Reason for Exclusion
Abdelaziz, A. M.; AbdAlfattah, M. A.; El-Sherief, F. A. H.; Wahd, Yesh; Soliman, H. A. G.; El Behairy, H. F.; Ismail, M. A.	Comparison of latissimus dorsi tendon transfer with subscapularis release versus sliding of internal rotation contracture in obstetrical brachial plexus paralysis sequela	2022	irrelevant population: children w/ erb's palsy; no rotator cuff tears
Abdelghani, K. B.; Miladi, S.; Mahmoud, I.; Ajlani, H.; Haddouche, A.; Maghraoui, A. E.; Slimani, S.; Fazaa, A.; Tekaya, A. B.; Abdelmoula, L.; Laatar, A.; Bahiri, R.	Ultrasonography of Shoulder in Rheumatoid Arthritis: A Reliability Exercise Using Consensual Definitions among Maghrebians Rheumatologists	2021	Small sample size: 10 total patients; irrelevant population: no rotator cuff pathology (RA only)
Abdelmalik, B. M.; Hao, K. A.; Turnbull, L. M.; Wright, T. W.; Wright, J. O.; Farmer, K. W.; Pazik, M.; King, J. J.	Survivorship after reverse total shoulder arthroplasty and predictors of 1-year and overall mortality	2023	Mixed Population w/o Stratification: cuff tear arthropathy, OA, massive cuff tear, fracture, AVN
Abdelzaher, M. G.; Tharwat, S.; AbdElkhalek, A.; Abdelsalam, A.	Ultrasound versus magnetic resonance imaging in the evaluation of shoulder joint pathologies in a cohort of rheumatoid arthritis patients	2019	no rotator cuff tears
Abdul-Rassoul, H.; Defazio, M.; Curry, E. J.; Galvin, J. W.; Li, X.	Return to Sport After the Surgical Treatment of Superior Labrum Anterior to Posterior Tears: A Systematic Review	2019	systematic review
Abed, V.; Kapp, S.; Nichols, M.; Brunty, N.; Conley, C. E. W.; Jacobs, C. A.; Robinson, L. E.; Stone, A. V.	ASES and UCLA Are Responsive Patient-Reported Outcome Measures After Rotator Cuff Repair: A Systematic Review and Meta-analysis	2024	Systematic Review
Abed, V.; Lemaster, N. G.; Hawk, G. S.; Thompson, K. L.; Conley, C. E. W.; Mair, S. D.; Jacobs, C. A.	Patients With Depression and/or Anxiety Having Arthroscopic Rotator Cuff Repair Show Decreased Number of Prescriptions and Number of Psychotherapy Sessions in the Year After Surgery	2023	Tear type was unspecified
Abu-Zaid, M. H.; Tabra, S. A. A.; Elmorsy, S.	The effect of perineural injection therapy in periarthritis shoulder	2020	Abstract Only
Abufoul, R.; Gavish, L.; Haddad, M.	Photobiomodulation self-treatment at home after rotator cuff arthroscopic repair accelerates improvement in pain, functionality, and quality of life: A double-blind, sham-controlled, randomized clinical trial	2023	irrelevant comparison: photobiomodulation vs. sham PBM
Achenbach, L.; Ahlers, P.; Pfeifer, C. G.; Greiner, S.; Kaab, M. J.	Infraspinatus shift for massive, posterosuperior tears yields good clinical outcome	2023	No comparison group (mini-open vs. arthroscopic technique not compared)
Ackerman, I. N.; Fotis, K.; Pearson, L.; Schoch, P.; Broughton, N.; Brennan-Olsen, S. L.; Bucknill, A.; Cross, E.; Bunting-Frame, N.; Page, R. S.	Impaired health-related quality of life, psychological distress, and productivity loss in younger people with persistent shoulder pain: a cross-sectional analysis	2022	irrelevant topic: QOL for patients with persistent shoulder pain

Authors	Article Title	Year	Reason for Exclusion
Adamson, N. J.; Tsuru, M.; Adams, N.	Ultrasound-guided versus landmark-guided subacromial corticosteroid injections for rotator cuff related shoulder pain: A systematic review of randomised controlled trials	2022	systematic review
Adomaviciene, A.; Daunoraviciene, K.; Kazakeviciute-Januskeviciene, G.; Bausys, R.	Functional recovery prediction during rehabilitation after rotator cuff tears by decision support system	2024	irrelevant topic: rehab methodology protocol; no relevant outcomes
Adomaviciene, A.; Daunoraviciene, K.; Sidlauskaitė, R.; Griskevicius, J.; Kubilius, R.; Varzaityte, L.; Raistenskis, J.	Analysis of Functional Recovery and Subjective Well-Being after Arthroscopic Rotator Cuff Repair	2021	No comparison group - patients underwent repair and began rehab program postoperatively
Adra, M.; El Ghazal, N.; Nakanishi, H.; Smayra, K.; Hong, S. S.; Miangul, S.; Matar, R. H.; Than, C. A.; Tennent, D.	Platelet-rich plasma versus corticosteroid injections in the management of patients with rotator cuff disease: A systematic review and meta-analysis	2023	systematic review
Adriani, M.; Saccomanno, M. F.; Motta, M.; Galli, S.; Milano, G.	Reliability of Magnetic Resonance Imaging Criteria for the Preoperative Assessment of Rotator Cuff Tears: A Systematic Review	2023	systematic review
Aflatoon, J. O.; Meeks, B. D.; Froehle, A. W.; Bonner, K. F.	Biceps tenotomy versus tenodesis: patient-reported outcomes and satisfaction	2020	Irrelevant population: Rotator cuff pathology not specified - tear type (full, partial, massive, etc.) not described. Concomitant procedures performed: RCR with or without SAD, AC joint resection, SAD, debridement of tear/joint +/-RCR
Agarwal, A. R.; Ahmed, A. F.; Staderker, M.; Miller, A. S.; Best, M. J.; Srikumaran, U.	Trends in Venous Thromboembolism After Shoulder Arthroplasty in the United States: Analysis Following the 2009 American Academy of Orthopaedic Surgeons Clinical Practical Guidelines	2023	irrelevant topic: trends analysis
Agarwal, S.; Jain, H.; Raichandani, K.; Ujjwal, H. S.; Singh, A.	Ultrasound-Guided Platelet-Rich Plasma Injection Therapy In Partial Thickness Rotator Cuff Tears: Long-Term Results	2022	No comparison group
Agarwalla, A.; Gowd, A. K.; Liu, J. N.; Beck, E. C.; Cole, B. J.; Yanke, A. B.; Nicholson, G. P.; Romeo, A. A.; Verma, N. N.; Forsythe, B.	Predicting Patient Satisfaction With Maximal Outcome Improvement After Biceps Tenodesis	2021	irrelevant population: biceps tenodesis, rotator cuff repairs were excluded
Agarwalla, A.; Gowd, A. K.; Liu, J. N.; Puzzitiello, R. N.; Cole, B. J.; Romeo, A. A.; Verma, N. N.; Forsythe, B.	Predictive Factors and the Duration to Pre-Injury Work Status Following Biceps Tenodesis	2019	Tear type was unspecified; biceps tenodesis w/o concomitant RCR

Authors	Article Title	Year	Reason for Exclusion
Agarwalla, A.; Puzzitiello, R. N.; Mascarenhas, R.; Sumner, S.; Romeo, A. A.; Forsythe, B.	Preoperative Injections May Be an Iatrogenic Cause of Reoperation After Arthroscopic Rotator Cuff Repair	2019	Tear type was unspecified
Ager, A. L.; Borms, D.; Bernaert, M.; Brusselle, V.; Claessens, M.; Roy, J. S.; Cools, A.	Can a Conservative Rehabilitation Strategy Improve Shoulder Proprioception? A Systematic Review	2020	systematic review
Ager, A. L.; de Oliveira, F. C. L.; Roy, J. S.; Borms, D.; Deraedt, M.; Huyge, M.; Deschepper, A.; Cools, A. M.	Effects of elastic kinesiology taping on shoulder proprioception: a systematic review	2023	systematic review, bib review complete
Agger, N.; Bojstrup, J. N.; Christiansen, D. H.	Patient Preferences and Their Effects on Rehabilitation Outcomes: A Secondary Analysis of a Randomized Controlled Trial	2024	mixed population: surgical and non-surgical; mixed diagnoses; all PT was supervised
Agostini, F.; De Sire, A.; Paoloni, M.; Finamore, N.; Ammendolia, A.; Mangone, M.; Bernetti, A.	Effects of hyaluronic acid injections on pain and functioning in patients affected by tendinopathies: A narrative review	2022	Systematic review; bib review complete
Agout, C.; Berhouet, J.; Spiry, C.; Bonneville, N.; Joudet, T.; Favard, L.	Functional outcomes after non-operative treatment of irreparable massive rotator cuff tears: Prospective multicenter study in 68 patients	2018	no comparison group
Agrawal, A. K.; Wigderowitz, C.; Ribeiro, B.; Malhas, A.; Vaish, A.; Abboud, R.	Short term results of reverse total shoulder arthroplasty	2020	no comparison group
Agresta, C. E.; Krieg, K.; Freehill, M. T.	Risk Factors for Baseball-Related Arm Injuries: A Systematic Review	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Aguado, G.; Obando, D. V.; Herrera, G. A.; Ramirez, A.; Llinas, P. J.	Retears of the Rotator Cuff: An Ultrasonographic Assessment During the First Postoperative Year	2019	unclear patient population
Ahmad, R. G.	Shoulder impingement: various risk factors for supraspinatus tendon tear: A case group study	2022	Non-surgical population and not relevant to PICO 3 or 6
Ahmad, Z.; Ang, S.; Rushton, N.; Harvey, A.; Akhtar, K.; Dawson-Bowling, S.; Noorani, A.	Platelet-Rich Plasma Augmentation of Arthroscopic Rotator Cuff Repair Lowers Retear Rates and Improves Short-Term Postoperative Functional Outcome Scores: A Systematic Review of Meta-Analyses	2022	systematic review, bib review complete
Ahn, J.; Kim, J. H.; Shin, S. J.	Arthroscopic suprapectoral biceps tenodesis provided earlier shoulder function restoration compared with open subpectoral biceps tenodesis during the recovery phase	2023	irrelevant population: biceps tenosynovitis/tear excluding rotator cuff tears

Authors	Article Title	Year	Reason for Exclusion
Aibinder, W. R.; Bicknell, R. T.; Bartsch, S.; Scheibel, M.; Athwal, G. S.	Subscapularis management in stemless total shoulder arthroplasty: tenotomy versus peel versus lesser tuberosity osteotomy	2019	irrelevant population: primary osteoarthritis; irreparable tears excluded
Aicale, R.; Poeta, N.; Savarese, E.; Bernardini, G.; Oliva, F.; Maffulli, N.	The use of long head biceps tendon autograft for massive rotator cuff tears: a PRISMA compliant systematic review	2022	systematic review
Aim, F.; Chevallier, R.; Marion, B.; Klouche, S.; Bastard, C.; Bauer, T.	Psychological risk factors for the occurrence of frozen shoulder after rotator cuff repair	2022	mixed population w/o stratification (partial and full thickness tears)
Ajrawat, P.; Dwyer, T.; Almasri, M.; Veillette, C.; Romeo, A.; Leroux, T.; Theodoropoulos, J.; Nauth, A.; Henry, P.; Chahal, J.	Bone marrow stimulation decreases retear rates after primary arthroscopic rotator cuff repair: a systematic review and meta-analysis	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Akbari, N.; Ozen, S.; Senlikci, H. B.; Haberal, M.; Cetin, N.	Ultrasound-guided versus blind subacromial corticosteroid and local anesthetic injection in the treatment of subacromial impingement syndrome: A randomized study of efficacy	2020	irrelevant comparison; ultrasound guided vs. blind injection techniques of the same dose of corticosteroid
Akcal, M. A.; Ozturk, N.; Isikcelik, F.; Agirbas, I.	Cost-effectiveness analysis of arthroscopic surgery versus open surgery in rotator cuff repair	2021	cost analysis; unclear patient population(see extended note)
Akdemir, M.; Kilic, A. I.; Kurt, C.; Capkin, S.	Better short-term outcomes of mini-open rotator cuff repair compared to full arthroscopic repair	2024	Tear type was unspecified
Akdeniz Leblebici, M.; Yaman, F.; Saracoglu, I.; Kavuncu, V.; Imal Kizilkaya, M.	Relationship between shoulder ultrasound findings and disease activity in patients with rheumatoid arthritis: A pilot study	2022	no outcomes of interest, all pts have RA
Akkaya, Z.; Gursoy Coruh, A.; Bas, H.; Gokmen, D.; Sahin, G.	A new significance of an old structure: Aponeurotic expansion of supraspinatus tendon and its relationships with biceps brachii long head and rotator cuff tendons	2020	irrelevant topic: correlation of aponeurotic expansion and LHB tendinopathy
Aksan Sadikoglu, B.; Analay Akbaba, Y.; Taskiran, H.	Effects of ischemic compression and instrument-assisted soft tissue mobilization techniques in trigger point therapy in patients with rotator cuff pathology: randomized controlled study	2022	Non-surgical population and not relevant to PICO 3 or 6
Al Housni, H. S. A.; Lam, P. H.; Latif, J. W.; Murrell, G. A. C.	Sports Participation After Reverse Total Shoulder Replacement	2022	unclear patient population, possibly arthropathy (not relevant to PICO 8)
Al Khayyat, S. G.; Stella, S. M.; Trentanni, C.; Falsetti, P.; Frediani, B.; Del Chiaro, A.; Galletti, S.	Ultrasound definition of subacromial chronic "fibro-adhesive" bursitis and its treatment via ultrasound guided hydrodilatation: a prospective pilot study	2024	Irrelevant Comparison: Ultrasound Guided vs. Blind Injection; >50% loss to follow-up before 4 weeks
Al Yaseen, M.; Smart, Y. W.; Seyed-Safi, P.; Abdelmonem, A. H.; Makki, D.; Morgan, B.; Sandher, D.	Effect of Implant Size, Version and Rotator Cuff Tendon Preservation on the Outcome of Reverse Shoulder Arthroplasty	2022	No comparison group - all patients underwent rTSA

Authors	Article Title	Year	Reason for Exclusion
Al-Abbad, H.; Allen, S.; Morris, S.; Reznik, J.; Biro, E.; Paulik, B.; Wright, A.	The effects of shockwave therapy on musculoskeletal conditions based on changes in imaging: a systematic review and meta-analysis with meta-regression	2020	systematic review, bib review complete
Al-Ani, Z.; Jacobsen, E. W.; Kartus, J. T.; Knutsen, G.; Meknas, K.	Radiofrequency microtenotomy: a promising method for treatment of rotator cuff tendinopathy	2019	irrelevant population for PICO 2/10: full-thickness tears excluded
Alabdali, L. A. S.; Winkens, B.; Dinant, G. J.; van Alfen, N.; Ottenheijm, R. P. G.	Shoulder muscle changes in patients with type 2 diabetes mellitus who have a painful shoulder: a quantitative muscle ultrasound study	2022	irrelevant comparison: healthy controls
Alaia, M. J.; Hurley, E. T.; Vasavada, K.; Markus, D. H.; Britton, B.; Gonzalez-Lomas, G.; Rokito, A. S.; Jazrawi, L. M.; Kaplan, K.	Buccally Absorbed Cannabidiol Shows Significantly Superior Pain Control and Improved Satisfaction Immediately After Arthroscopic Rotator Cuff Repair: A Placebo-Controlled, Double-Blinded, Randomized Trial	2022	Cannabidiol vs. control
AlAnazi, A.; Alghadir, A. H.; Gabr, S. A.	Handgrip Strength Exercises Modulate Shoulder Pain, Function, and Strength of Rotator Cuff Muscles of Patients with Primary Subacromial Impingement Syndrome	2022	Non-surgical population and not relevant to PICO 3 or 6
Alarcon, J. F.; Uribe-Echevarria, B.; Clares, C.; Apablaza, D.; Vargas, J. C.; Benavente, S.; Rivera, V.	Superior Capsular Reconstruction With Autologous Fascia Lata Using a Single Lateral-Row Technique Is an Effective Option in Massive Irreparable Rotator Cuff Tears: Minimum 2-Year Follow-Up	2021	No comparison group
Albano, D.; Basile, M.; Gitto, S.; Messina, C.; Longo, S.; Fusco, S.; Snoj, Z.; Gianola, S.; Barger, S.; Castellini, G.; Sconfienza, L. M.	Shear-wave elastography for the evaluation of tendinopathies: a systematic review and meta-analysis	2024	Systematic Review; Bib Review Completed
Alben, M. G.; Gambhir, N.; Papalia, A. G.; Bostrom, N.; Larose, G.; Virk, M. S.; Rokito, A. S.	Return to Sport after Arthroscopic Rotator Cuff Repair of Full-Thickness Rotator Cuff Tears: A Systematic Review	2023	systematic review
Alben, M. G.; Gordon, D.; Gambhir, N.; Kim, M. T.; Romeo, P. V.; Rokito, A. S.; Zuckerman, J. D.; Virk, M. S.	Minimal clinically important difference (MCID) and substantial clinical benefit (SCB) of upper extremity PROMIS scores following arthroscopic rotator cuff repairs	2023	No comparison group; Mixed population w/o stratification
Albrecht, E.; Capel, D.; Rossel, J. B.; Wolmarans, M. R.; Godeneche, A.; De Paulis, D.; Cabaton, J.	A randomised controlled trial of intravenous dexmedetomidine added to dexamethasone for arthroscopic rotator cuff repair and duration of interscalene block	2023	Irrelevant Comparison: Dexmedetomidine vs. Control
Aldon-Villegas, R.; Perez-Cabezas, V.; Chamorro-Moriana, G.	Efficacy of management of associated dysfunctions on rotator cuff and long head of the biceps: systematic review	2021	systematic review
Alexeev, M.; Kercher, J. S.; Levina, Y.; Duralde, X. A.	Variability of glenoid labral tear patterns: a study of 280 sequential surgical cases	2021	irrelevant population: glenoid labral tears

Authors	Article Title	Year	Reason for Exclusion
Alfaqih, M. A.; Morrison, W. B.	Postoperative MR Imaging of the Rotator Cuff	2022	Narrative Review
AlHarbi, Y.	Anatomical Variations in the Pectoralis Minor Muscle Origin and Insertion: A Systematic Review	2023	Systematic Review; Bib Review Completed
Ali Naqvi, S. M. S.; Sharif, A.; Javed, L.; Gul, M.; Bilal, H.; Arsh, A.	Clinical tests accuracy in diagnosing subacromial impingement syndrome: A systematic review	2023	systematic review
Ali, A. H.; Said, H. G.; Abo elhamd, E.; Mahmoud, M. K.; Qenawy, O. K.	Shoulder MR Arthrography: Comparative Evaluation of Three Different Contrast Injection Techniques Using an Anterior Approach	2021	no relevant outcomes; irrelevant comparison by contrast injection technique
Ali, I.; Gupta, H. O.; Khazzam, M.; Thomas, G. L.; Vattigunta, S.; Shi, B. Y.; Jenkins, S. G.; Srikumaran, U.	Do local liposomal bupivacaine and interscalene nerve block provide similar pain control after shoulder arthroplasty? A dual-center randomized controlled trial	2021	irrelevant comparison: liposomal bupivacaine vs. interscalene nerveblock
Alike, Y.; Li, C.; Hou, J.; Long, Y.; Zhang, J.; Zhou, C.; Zhang, Z.; Zhu, Q.; Li, T.; Cao, S.; Zhang, Y.; Wang, D.; Cheng, S.; Yang, R.	Enhancing prediction of supraspinatus/infraspinatus tendon complex injuries through integration of deep visual features and clinical information: a multicenter two-round assessment study	2023	Irrelevant Topic: Deep Learning for Diagnosis
Alike, Y.; Li, C.; Hou, J.; Zhou, C.; Long, Y.; Zhang, Z.; Zeng, W.; Zhang, Y.; Wang, D. M.; Ye, M.; Yang, R.	A two-step neural network-based guiding system for obtaining reliable radiographs for critical shoulder angle measurement	2024	irrelevant topic: deep learning model for CSA measurement
Allahabadi, S.; Cheung, E. C.; Hodax, J. D.; Feeley, B. T.; Ma, C. B.; Lansdown, D. A.	Outpatient Shoulder Arthroplasty-A Systematic Review	2021	Systematic Review
Allert, J. W.; Sellers, T. R.; Simon, P.; Christmas, K. N.; Patel, S.; Frankle, M. A.	Massive Rotator Cuff Tears in Patients Older Than Sixty-five: Indications for Cuff Repair versus Reverse Total Shoulder Arthroplasty	2018	Irrelevant Comparison: Complete RCR vs. rTSA
Almardawi, R.; Garcia Zapata, L.; Gill, R.; Addona, J.; Kapustina, I.; Ahmed, S. R.; Kani, K.; Davis, D. L.	Single slice MR image estimation of 3D supraspinatus intramuscular fatty infiltration in older adults: relevance for clinical practice and research	2024	no relevant outcomes
Almasri, M.; Kohrs, B.; Fleckenstein, C. M.; Nolan, J.; Wendt, A.; Hasan, S. S.	Reverse shoulder arthroplasty in patients 85 years and older is safe, effective, and durable	2022	mixed population: GHOA or RCA; no comparison group; arthropathy makes PICO 8 irrelevant
Almeida, R. F.; Pereira, N. D.; Ribeiro, L. P.; Barreto, R. P. G.; Kamonseki, D. H.; Haik, M. N.; Camargo, P. R.	Is the Disabilities of the Arm, Shoulder and Hand (DASH) Questionnaire Adequate to Assess Individuals With Subacromial Pain Syndrome? Rasch Model and International Classification of Functioning, Disability and Health	2021	no outcomes of interest

Authors	Article Title	Year	Reason for Exclusion
Alonso-Rodriguez Piedra, J.; Souza Virgolino, B.; Gamez Banos, F.; Miranda Elstein, Q.; Ventura Parellada, C.; Mora Guix, J. M.	Reverse total shoulder arthroplasty with latissimus dorsi and teres major transfer: biomechanical and electromyographical outcomes	2023	Small sample size: 10 total patients; no comparison group
Alrabaa, R. G.; Ma, G.; Truong, N. M.; Lansdown, D. A.; Feeley, B. T.; Zhang, A. L.; Ma, C. B.	Trends in Surgical Treatment of Proximal Humeral Fractures and Analysis of Postoperative Complications over a Decade in 384,158 Patients	2022	irrelevant population: proximal humerus fractures
AlRuthia, Y.; Alghadeer, S.; Balkhi, B.; Almalag, H. M.; Alsobayel, H.; Alodaibi, F.; Alayoubi, F.; Alkhamali, A. S.; Alshuwairikh, S.; Alqahtani, F. N.; Alsanawi, H.	Efficacy of acetaminophen versus ibuprofen for the management of rotator cuff-related shoulder pain: Randomized open-label study	2019	irrelevant comparison: ibuprofen vs, acetaminophen; excluded cases needing surgical intervention
Alsanawi, H. A.; Alghadir, A. H.; Anwer, S.; Alenazi, H. A.; Li, H.	Internal consistency, test-retest reliability, and construct validity of the adapted Arabic version of the Oxford shoulder score in patients with shoulder disorders	2021	irrelevant topic: validation of Arabic Oxford Shoulder Score
Alsubheen, S. A.; MacDermid, J. C.; Faber, K. J.	Effectiveness of surgical and non-surgical interventions for managing diabetic shoulder pain: a systematic review	2022	systematic review
Alsubheen, S. A.; MacDermid, J. C.; John Faber, K.; James Overend, T.	Factors Predicting Postoperative Range of Motion and Muscle Strength one Year after Shoulder Arthroplasty	2021	unclear patient population - no mention of tears
Alsubheen, S. A.; MacDermid, J. C.; Overend, T. J.; Faber, K. J.	Predictors of Clinical Benefits and One-Year Functional Outcomes Following Shoulder Arthroplasty	2019	Tear type was unspecified
Altintas, B.; Anderson, N. L.; Pitta, R.; Buckley, P. S.; Bhatia, S.; Provencher, M. T.; Millett, P. J.	Repair of Rotator Cuff Tears in the Elderly: Does It Make Sense? A Systematic Review	2020	systematic review
Altintas, B.; Anderson, N.; Dornan, G. J.; Boykin, R. E.; Logan, C.; Millett, P. J.	Return to Sport After Arthroscopic Rotator Cuff Repair: Is There a Difference Between the Recreational and the Competitive Athlete?	2020	systematic review
Altintas, B.; Scheidt, M.; Kremser, V.; Boykin, R.; Bhatia, S.; Sajadi, K. R.; Mair, S.; Millett, P. J.	Superior Capsule Reconstruction for Irreparable Massive Rotator Cuff Tears: Does It Make Sense? A Systematic Review of Early Clinical Evidence	2020	systematic review
Altmann, S.; Jungmann, F.; Emrich, T.; Jezycki, T.; Kreitner, K. F.	ABER Position in Direct MR Arthrography of the Shoulder: Useful Adjunct or Waste of Imaging Time?	2023	Systematic Review; Bib Review Completed

Authors	Article Title	Year	Reason for Exclusion
Altun, G.; Turkmen, I.; Kara, D.; Celik, H.; Dereli Bulut, S. S.; Bilisel, K.	The effect of sagittal orientation of the acromion relative to the scapular spine on the location of rotator cuff tears	2022	no outcomes of interest
Alvarez de la Cruz, J.; Mendez Ojeda, M. M.; Alvarez Benito, N.; Herrera Rodriguez, A.; Pais Brito, J. L.; Marquez Marfil, F. J.	Diabetes Mellitus and Obesity as Prognostic Factors in Arthroscopic Repair of Chronic Rotator Cuff Tears	2023	Tear type was unspecified
Alvarez de Sierra Garcia, B.; Kassarian, A.; Guillen-Grima, F.; Nieto Moreno, P.; Alonso Burgos, A.; Aquerreta Beola, J. D.	Quantitative assessment of fatty infiltration of the supraspinatus by shear-wave ultrasound elastography in cases of suspected rotator cuff injury: Correlation with the Goutallier imaging classification and its potential applicability in the assessment of athletes	2024	no relevant outcomes or extractable data
Amako, M.; Tsuda, Y.; Chiba, K.	Comparison of reliability, validity and responsiveness of the Japanese Orthopaedic Association Shoulder 36 Ver. 1.3 among different diagnoses of shoulder lesions	2021	irrelevant topic: comparison of JOAS to DASH for outcome measures
Ameziane, Y.; Schneider, K. N.; Gosheger, G.; Mischke, A.; Schorn, D.; Rickert, C.; Liem, D.	Single-row vs. double-row refixation of the subscapularis tendon after primary anatomic shoulder arthroplasty	2021	irrelevant population: primary OA or necrosis of the humeral head
Amit, P.; Kuiper, J. H.; James, S.; Snow, M.	Does statin-treated hyperlipidemia affect rotator cuff healing or muscle fatty infiltration after rotator cuff repair?	2021	no risk factors of interest
Ammann, E.; Uckay, I.; Bouaicha, S.; Wieser, K.; Meyer, D. C.	Little benefit of surgical anchor and suture removal and of antibiotic therapy beyond 6 weeks in infected rotator cuff repair	2020	irrelevant population: rotator cuff infections
Amoo-Achampong, K.; Krill, M. K.; Acheampong, D.; Nwachukwu, B. U.; McCormick, F.	Evaluating strategies and outcomes following rotator cuff tears	2019	Systematic review; bib review complete
An, B. J.; Wang, F. L.; Wang, Y. T.; Zhao, Z.; Wang, M. X.; Xing, G. Y.	Arthroscopy with subscapularis upper one-third tenodesis for treatment of recurrent anterior shoulder instability independent of glenoid bone loss	2022	Irrelevant comparison: glenoid defects <20% vs. glenoid defects >20%
An, V. V. G.; Farey, J. E.; Karunaratne, S.; Smithers, C. J.; Petchell, J. F.	Subacromial analgesia via continuous infusion catheter vs. placebo following arthroscopic shoulder surgery: a systematic review and meta-analysis of randomized trials	2020	systematic review
Analay Akbaba, Y.; Kaya Mutlu, E.; Altun, S.; Celik, D.	Does the patients' expectations on kinesiotape affect the outcomes of patients with a rotator cuff tear? A randomized controlled clinical trial	2018	irrelevant comparison: kinesiotaping vs. no kinesiotaping
Anbar, A.; Emad, Y.; Zeinoh, F.; Ragab, Y.	Shoulder arthroscopy remains superior to direct MR arthrography for diagnosis of subtle rotator interval lesions	2015	Irrelevant Outcomes: Rotator Interval Structures Lesions

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Anderson, D. B.; Beard, D. J.; Sabet, T.; Eyles, J. P.; Harris, I. A.; Adie, S.; Buchbinder, R.; Maher, C. G.; Ferreira, M. L.	Evaluation of placebo fidelity and trial design methodology in placebo-controlled surgical trials of musculoskeletal conditions: A systematic review	2022	systematic review
Anderson, D. E.; Shaikh, H. J. F.; Chait, A. R.; Ramirez, G.; Bronstein, R. D.; Goldblatt, J. P.; Giordano, B. D.; Maloney, M. D.; Nicandri, G. T.; Voloshin, I.; Mannava, S.	Effect of Insurance Reimbursement Status on Pre- and Postoperative Patient-Reported Outcomes Measurement Information System (PROMIS) Scores After Arthroscopic Rotator Cuff Repair	2023	Mixed Population w/o Stratification: partial and full-thickness tears
Anderson, L.; Kinsman, S.; Oberlander, M.	Postoperative Compliance and Return to Work After Rotator Cuff Repair: Value of an Interactive Online Rehabilitation Program Among Patients Treated Under Workers' Compensation	2021	Irrelevant Comparison: Both groups received supervised PT, confounding
Andrade, R.; Correia, A. L.; Nunes, J.; Xara-Leite, F.; Calvo, E.; Espregueira-Mendes, J.; Sevivas, N.	Is Bony Morphology and Morphometry Associated With Degenerative Full-Thickness Rotator Cuff Tears? A Systematic Review and Meta-analysis	2019	systematic review
Andrea, L. C.; Svendsen, S. W.; Frost, P.; Smidt, K.; Gelineck, J.; Christiansen, D. H.; Deutch, S. R.; Hansen, T. B.; Haahr, J. P.; Dalboge, A.	Radiographic findings in patients suspected of subacromial impingement syndrome: prevalence and reliability	2024	irrelevant topic: diagnosis of subacromial impingement syndrome
Andryk, L. M.; Knight, B. T.; Graf, A. R.; Middleton, A. H.; Grindel, S. I.	Reverse shoulder arthroplasty in upper extremity ambulators: a matched-cohort analysis	2023	irrelevant comparison: upper extremity ambulators vs. controls
Angileri, H. S.; Gohal, C.; Comeau-Gauthier, M.; Owen, M. M.; Shanmugaraj, A.; Terry, M. A.; Tjong, V. K.; Khan, M.	Chronic calcific tendonitis of the rotator cuff: a systematic review and meta-analysis of randomized controlled trials comparing operative and nonoperative interventions	2023	systematic review
Anonymous,	Rotator cuff repair	2018	Narrative Review
Anonymous,	Painful Shoulder: Exercise Can Reduce Pain and Improve Mobility and Function	2020	systematic review
Ansok, C. B.; Khalil, L. S.; Muh, S.	Objective assessment of sleep quality in patients with rotator cuff tears	2020	Irrelevant Topic: Sleep Quality w/ Rotator Cuff Tears
Anwander, H.; Fuhrer, F.; Diserens, G.; Moor, B. K.; Boesch, C.; Vermathen, P.; Valenzuela, W.; Zumstein, M. A.	Muscle fat content in the intact infraspinatus muscle correlates with age and BMI, but not critical shoulder angle	2021	irrelevant population: healthy shoulders
Apostolakos, J. M.; Brusalis, C. M.; Uppstrom,	Management of Common Football-Related Injuries About the Shoulder	2023	Narrative Review

Authors	Article Title	Year	Reason for Exclusion
T.; R. Thacher R; Kew, M.; Taylor, S. A.			
Aratikatla, A.; Sidhu, J.; Maffulli, N.; Gupta, M.; Potty, A. G.; Gupta, A.	Allogenic Umbilical Cord Tissue for Rotator Cuff Injuries	2023	Systematic Review; Bib Review Completed
Araya-Quintanilla, F.; Gutierrez-Espinoza, H.; Gana-Hervias, G.; Caverro-Redondo, I.; Alvarez-Bueno, C.	Association between type of rotator cuff tear and functional outcomes in patients with massive and irreparable rotator cuff tear: A pre-post intervention study	2021	pre-post intervention study; non-surgical population and not relevant to PICO 3 or 6
Araya-Quintanilla, F.; Gutierrez-Espinoza, H.; Sepulveda-Loyola, W.; Probst, V.; Ramirez-Velez, R.; Alvarez-Bueno, C.	Effectiveness of kinesiotaping in patients with subacromial impingement syndrome: A systematic review with meta-analysis	2022	systematic review
Ardebol, J.; Ghayyad, K.; Hwang, S.; Pak, T.; Menendez, M. E.; Denard, P. J.	Patient-reported outcome tools and baseline scores vary by country and region for arthroscopic repair of massive rotator cuff tears: a systematic review	2023	systematic review
Ardebol, J.; Hwang, S.; Pak, T.; Menendez, M. E.; Gobezie, R.; Denard, P. J.	Female Sex and Higher Infraspinatus Fatty Infiltration Are Linked to Dissatisfaction at a Minimum Follow-Up of 4 Years after Arthroscopic Repair of Massive Rotator Cuff Tears	2023	less than 10 participants per group for relevant risk factors
Ardebol, J.; Menendez, M. E.; Narbona, P.; Horinek, J. L.; Pasqualini, I.; Denard, P. J.	Reverse shoulder arthroplasty for massive rotator cuff tears without glenohumeral arthritis can improve clinical outcomes despite history of prior rotator cuff repair: A systematic review	2024	Systematic Review; Bib Review Completed
Ardeljan, A.; Palmer, J.; Drawbert, H.; Ardeljan, A.; Vakharia, R. M.; Roche, M. W.	Partial thickness rotator cuff tears: Patient demographics and surgical trends within a large insurance database	2020	cost analysis; trends analysis
Arenas-Miquelez, A.; Arbeloa-Gutierrez, L.; Familiari, F.; de Pablos, J.	Salvage Procedures of the Shoulder: Glenohumeral Arthrodesis and Resection Arthroplasty	2021	Systematic Review
Arenas-Miquelez, A.; Liu, V. K.; Cavanagh, J.; Graham, P. L.; Ferreira, L. M.; Bokor, D. J.; Athwal, G. S.; Raniga, S.	Does the Walch type B shoulder have a transverse force couple imbalance? A volumetric analysis of segmented rotator cuff muscles in osteoarthritic shoulders	2021	Irrelevant population: glenohumeral OA w/ intact rotator cuff; no relevant outcomes
Arias-Buria, J. L.; Martin-Saborido, C.; Cleland, J.; Koppenhaver, S. L.; Plaza-Manzano, G.; Fernandez-de-Las-Penas, C.	Cost-effectiveness Evaluation of the Inclusion of Dry Needling into an Exercise Program for Subacromial Pain Syndrome: Evidence from a Randomized Clinical Trial	2018	cost analysis

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Arias-de la Torre, J.; Garcia, X.; Smith, K.; Romero-Tamarit, A.; Puigdomenech, E.; Munoz-Ortiz, L.; Evans, J. P.; Martin, V.; Molina, A. J.; Torrens, C.; Pons-Cabrafiga, M.; Palliso, F.; Valderas, J. M.; Espallargues, M.	Safety and Effectiveness of Shoulder Arthroplasties in Spain: A Systematic Review	2019	Systematic Review; Bib Review Completed
Arias-Vazquez, P. I.; Tovilla-Zarate, C. A.; Gonzalez-Graniel, K.; Burad-Fonz, W.; Gonzalez-Castro, T. B.; Lopez-Narvaez, M. L.; Castillo-Avila, R. G.; Arcila-Novelo, R.	Efficacy of hypertonic dextrose infiltrations for pain control in rotator cuff tendinopathy: systematic review and meta-analysis	2021	Systematic Review
Arif, M.; Hannan, M. A.; Tanveer, O. F.; Haider, T.; Saeed, M. A.; Anwar, R.	Role of Steroid Injection in Treatment of Impingement Syndrome of Shoulder	2020	no comparison group
Arirachakaran, A.; Chaijenkij, K.; Maljadi, J. A.; Kongtharvonskul, J.	Comparison of surgical outcomes between rotator cuff repair with and without rotator interval capsular release for rotator cuff tears to prevent and improve postoperative stiffness: a meta-analysis	2020	systematic review, bib review complete
Arnold, M. J.; Jonas, C. E.; Carter, R. E.	Point-of-Care Ultrasonography	2020	systematic review
Arora, M.; Sohan, S.; Sinha, A. K.	Functional outcomes are improved after rotator cuff repair in the Indian population: A systematic review	2021	systematic review
Arroyo, W.; Misenhimer, J.; Cotter, E. J.; Wang, K. C.; Heida, K.; Pallis, M. P.; Waterman, B. R.	Effect of Anterior Anchor on Clinical Outcomes of Type II SLAP Repairs in an Active Population	2019	no comparison group
Asadzadeh, A.; Samad-Soltani, T.; Salahzadeh, Z.; Rezaei-Hachesu, P.	Effectiveness of virtual reality-based exercise therapy in rehabilitation: A scoping review	2021	systematic review
Asghar, A.; Narayan, R. K.; Satyam, A.; Naaz, S.	Prevalence of anomalous or ectopic insertion of pectoralis minor: a systematic review and meta-analysis of 4146 shoulders	2021	Systematic Review
Ashir, A.; Ma, Y.; Jerban, S.; Jang, H.; Wei, Z.; Le, N.; Du, J.; Chang, E. Y.	Rotator Cuff Tendon Assessment in Symptomatic and Control Groups Using Quantitative MRI	2020	Irrelevant Comparison Group: Healthy Controls
Asmar, G.; Goubier, J. N.; Falcone, M. O.	Improving the detection of subscapularis tears using a specific transverse CT arthrography image	2020	irrelevant diagnostic measures: clinical text + surgeon index
Assuncao, J. H.; Tenreiro, B. F.; Gracitelli, M. E. C.; Malavolta, E. A.; Ferreira Neto, A. A.	Family Predisposition for Rotator Cuff Tear and Other Tendinopathies - A Case-Control Study	2020	irrelevant topic: risk factors for tear; healthy control group

Authors	Article Title	Year	Reason for Exclusion
Ata, A. M.; Tuncer, B.; Kara, O.; Baskan, B.	The relationship between kinesiophobia, balance, and upper extremity functions in patients with painful shoulder pathology	2024	Non-surgical population and not relevant to PICO 3 or 6; irrelevant comparison by indication
Atala, N. A.; Bongiovanni, S. L.; Galich, A. M.; Bruchmann, M. G.; Rossi, L. A.; Tanoira, I.; Ranalletta, M.	Is sarcopenia a risk factor for rotator cuff tears?	2021	irrelevant topic: risk factors for tear and severity
Ateschrang, A.; Eggensperger, F.; Ahrend, M. D.; Schroter, S.; Stockle, U.; Kraus, T. M.	Obesity causes poorer clinical results and higher re-tear rates in rotator cuff repair	2018	Excluded from previous guideline
Atik, O. S.	Does conservative treatment must be the first choice in elderly patients with degenerative rotator cuff tears?	2021	Narrative Review
Atoun, E.; Oulianski, M.; Bachar-Avnieli, I.; Artamonov, A.; Gilat, R.; Lubovsky, O.; Rosinsky, P. J.	Subacromial Balloon Spacer for Irreparable Rotator Cuff Tear Treatment Shows Improved Pain and Strength at Five-Year Follow-Up	2023	no comparison group
Audige, L.; Aghlmandi, S.; Grobet, C.; Stojanov, T.; Muller, A. M.; Felsch, Q.; Gleich, J.; Flury, M.; Scheibel, M.	Prediction of Shoulder Stiffness After Arthroscopic Rotator Cuff Repair	2021	Mixed Population w/o Stratification (both partial and full thickness tears)
Auliffe, S. M.; Korakakis, V.; Hilfiker, R.; Whiteley, R.; O'Sullivan, K.	Participant characteristics are poorly reported in exercise trials in tendinopathy: A systematic review	2021	systematic review
Auregan, J. C.; Klouche, S.; Levy, B.; Bauer, T.; Rousselin, B.; Ferrand, M.; Hardy, P.	Autologous Conditioned Plasma for tendon healing following arthroscopic rotator cuff repair. Prospective comparative assessment with magnetic resonance arthrography at 6 months' follow-up	2019	less than 1 year follow up for surgical procedures, no adverse events
Austin, D. C.; Wilbur, R. R.; Rogers, T. H.; Barlow, J. D.; Camp, C. L.; Morrey, M. E.; Sperling, J. W.; Sanchez-Sotelo, J.	Rotator cuff repair in patients with inflammatory arthritis: satisfactory midterm outcomes	2023	no comparison group; mixed population of partial and full thickness tears
Avendano, J. P.; Pereira, D.	Treatment of Calcific Tendonitis of the Rotator Cuff: An Updated Review	2023	Narrative Review
Ayanoglu, T.; Ozer, M.; Cetinkaya, M.; Kaptan, A. Y.; Ulucakoy, C.; Ataoglu, B.; Kanatli, U.	Does Preoperative Conservative Management Affect the Success of Arthroscopic Repair of Partial Rotator Cuff Tear?	2022	Not relevant to PICOs (see extended note).

Authors	Article Title	Year	Reason for Exclusion
Aydin, E.; S��ylev, G. ��; Muratli, S. K.; Limnili, B.; Boya, H.; Tekindal, M. A.; Agildere, M.	Reliability of Real-Time Sonoelastography in the Diagnosis of Supraspinatus Tendinopathy	2021	irrelevant topic: diagnosis of tendinopathy
Aydin, M.; Capkin, S.; Surucu, S.; Karahasanoglu, R.; Yilmaz, M.	The effect of biceps tenotomy on superior humeral migration in arthroscopic repaired full-thickness supraspinatus tears	2023	irrelevant topic; reparable tears with biceps tenotomy
Aydin, M.; Veizi, E.; Cepni, S.; Sahin, A.; Firat, A.	Transosseous repair with a cortical implant for greater tubercle cyst-related rotator cuff tear results in good clinical outcomes, but significant implant migration	2022	irrelevant comparison: patients with cysts vs. patients w/o cysts
Ayekoloye, C. I.; Nwangwu, O.	Ultrasound-Guided Versus Anatomic Landmark-Guided Steroid Injection of the Subacromial Bursa in the Management of Subacromial Impingement: A Systematic Review of Randomised Control Studies	2020	systematic review, bib review complete
Ayekoloye, C.; Nwangwu, O.	Multidirectional instability of the shoulder (MDI)��focus on non-operative management	2019	systematic review
Aylanc, N.; Ertem, S. B.	Could radio-morphological changes in humerus greater tuberosity be an early indicator of rotator cuff tendon injuries?	2022	Irrelevant Topic: Morphological Risk Factors of RC Tendon INjuries
Ayzenberg, M.; Hiller, A. D.; Vellinga, R.; Snyder, S. J.	Arthroscopic supraglenoid origin-preserving biceps tenodesis: a reliable, simple, and cost-conscious technique	2020	No comparison group; No risk factors
Azadvari, M.; Emami-Razavi, S. Z.; Torfi, F.; Nazar, N. S. B.; Malekirad, A. A.	Ultrasound-guided versus blind subacromial bursa corticosteroid injection for paraplegic spinal cord injury patients with rotator cuff tendinopathy: a randomized, single-blind clinical trial	2021	irrelevant comparison by method of injection (both groups received the same injection)
Azar, M.; Van der Meijden, O.; Pireau, N.; Chelli, M.; Gonzalez, J. F.; Boileau, P.	Arthroscopic revision cuff repair: do tendons have a second chance to heal?	2022	No comparison group; not relevant to PICOs (see extended note)
Aziz, K. T.; Best, M. J.; Ren, M.; Nayar, S. K.; Timothy Kreulen, R.; Gupta, H. O.; Srikumaran, U.	The impact of chronic steroid use on early postoperative complications in shoulder surgery	2021	Tear type was unspecified
Babatunde, O. O.; Ensor, J.; Littlewood, C.; Chesterton, L.; Jordan, J. L.; Corp, N.; Wynne-Jones, G.; Roddy, E.; Foster, N. E.; van der Windt, D. A.	Comparative effectiveness of treatment options for subacromial shoulder conditions: a systematic review and network meta-analysis	2021	systematic review
Bacha, R.; Gilani, S. A.; Hanif, A.; Manzoor, I.	Subacromial Content to Subacromial Space Ratio in Neutral Position of the Arm as Diagnostic Criteria of Subacromial Impingement Syndrome	2023	Irrelevant Topic: Subacromial Impingement Syndrome

Authors	Article Title	Year	Reason for Exclusion
Back, M.; Paavola, M.; Aronen, P.; Jarvinen, T. L. N.; Taimela, S.	Return to work after subacromial decompression, diagnostic arthroscopy, or exercise therapy for shoulder impingement: a randomised, placebo-surgery controlled FIMPACT clinical trial with five-year follow-up	2021	Irrelevant population: inclusion criteria did not require a tear
Baek, C. H.; Kim, J. G.	Outcomes of arthroscopic-assisted middle trapezius tendon transfer for isolated irreparable supraspinatus tendon tears: minimum 2-year follow-up	2023	No comparison group
Baek, C. H.; Kim, J. G.	Shoulder Superior Capsular Reconstruction Hybrid Graft Thickness Greater Than Preoperative Acromiohumeral Distance Increases Graft Retear Rate and Subacromial Erosion	2022	no comparison group; irrelevant subgroup comparisons (preop AHD)
Baek, C. H.; Kim, J. G.; Baek, G. R.	Outcomes of combined anterior latissimus dorsi and teres major tendon transfer for irreparable anterosuperior rotator cuff tears	2022	No comparison group
Baek, S.; Shin, M. H.; Kim, T. M.; Im, J. M.; Oh, K. S.; Chung, S. W.	Clinical Outcomes of Interposition Graft Versus Superior Capsular Reconstruction in Patients With Irreparable Rotator Cuff Tears: A Systematic Review and Meta-analysis	2021	systematic review, bib review complete
Baessler, A. M.; Moor, M.; Conrad, D. J.; Creighton, J.; Badman, B. L.	Single-Shot Liposomal Bupivacaine Reduces Postoperative Narcotic Use Following Outpatient Rotator Cuff Repair: A Prospective, Double-Blinded, Randomized Controlled Trial	2020	irrelevant comparison: comparing 3 types of interscalene block treatment; not comparing with post-opioids
Baessler, A.; Smith, P. J.; Brolin, T. J.; Neel, R. T.; Sen, S.; Zhu, R.; Bernholt, D.; Azar, F. M.; Throckmorton, T. W.	Preoperative opioid usage predicts markedly inferior outcomes 2 years after reverse total shoulder arthroplasty	2022	Mixed Population w/o Stratification: rotator cuff arthropathy, massive irreparable rotator cuff tear, glenohumeral osteoarthritis with rotator cuff disease or glenoid bone loss, inflammatory arthropathy, chronic shoulder dislocation, proximal humeral fracture malunion or nonunion, or acute 3- or 4-part proximal humeral fracture
Baettig, S. J.; Wieser, K.; Gerber, C.	Determinants of patient satisfaction following reconstructive shoulder surgery	2017	Tear type was unspecified; RC tears or OA included
Bagheri, N.; Bonnevalle, N.; Gallinet, D.; Barth, J.; Labattut, L.; Metais, P.; Godeneche, A.; Garret, J.; Clavert, P.; Fatras-Meyer, I.; Collin, P.	Prospective study of tendon healing and functional gain after arthroscopic repair of isolated supraspinatus tear	2020	irrelevant comparison based on tendon healing
Bahadir, B.; Sarikaya, B.	Platelet-rich plasma in the management of rotator cuff tendinopathy	2024	Non-Systematic Review

Authors	Article Title	Year	Reason for Exclusion
Baik, S.; Lau, J.; Huser, V.; McDonald, C. J.	Association between tendon ruptures and use of fluoroquinolone, and other oral antibiotics: a 10-year retrospective study of 1 million US senior Medicare beneficiaries	2020	Irrelevant topic: effects of antibiotics on tendon rupture. No surgical vs. PT groupings.
Bailey, J. R.; Kim, C.; Alentorn-Geli, E.; Kirkendall, D. T.; Ledbetter, L.; Taylor, D. C.; Toth, A. P.; Garrigues, G. E.	Rotator Cuff Matrix Augmentation and Interposition: A Systematic Review and Meta-analysis	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Baillargeon, A. M.; Baffour, F. I.; Yu, L.; Fletcher, J. G.; McCollough, C. H.; Glazebrook, K. N.	Fat quantification of the rotator cuff musculature using dual-energy CT-A pilot study	2020	Small sample size: 10 total patients
Bain, G. I.; Rudkin, G.; Comley, A. S.; Heptinstall, R. J.; Chittleborough, M.	Digitally assisted acromioplasty: the effect of interscalene block on this new surgical technique	2001	Irrelevant comparison: ISBP vs. No Block
Baisi, L. P.; Athwal, G. S.; Pollock, J. W.; Zhang, T.; Hodgdon, T.; McIlquham, K.; Lapner, P.	Ultrasound-determined healing rates with subscapularis tenotomy versus peel after anatomic shoulder arthroplasty	2023	irrelevant population: advanced glenohumeral OA
Baldwin, M.; Nagra, N. S.; Greenall, G.; Carr, A. J.; Beard, D.; Rees, J. L.; Rangan, A.; Merritt, N.; Dritsaki, M.; Hopewell, S.; Cook, J. A.	Use of implantable meshes for augmented rotator cuff repair: a systematic review and meta-analysis	2020	systematic review, bib review complete
Ball, C. M.	Arthroscopic rotator cuff repair: magnetic resonance arthrogram assessment of tendon healing	2019	No comparison group
Balta, S.; Pekince, O.	The relationship between neuropathic pain and the outcomes of minimally invasive pain management in rotator cuff ruptures	2023	irrelevant comparison: neuropathic pain vs. no neuropathic pain; same injection for all patients
Bandara, U.; An, V. V. G.; Imani, S.; Nandapalan, H.; Sivakumar, B. S.	Rehabilitation protocols following rotator cuff repair: a meta-analysis of current evidence	2021	systematic review
Banerjee, S. S.; Pulido, P.; Adelson, W. S.; Fronek, J.; Hoenecke, H. R.	The efficacy of continuous bupivacaine infiltration following arthroscopic rotator cuff repair	2008	Irrelevant Comparison: 2 doses of continuous low-dose bupivacaine vs. placebo infiltration by infusion pump
Bang, S. R.; Yu, S. K.; Kim, T. H.	Can gabapentin help reduce postoperative pain in arthroscopic rotator cuff repair? A prospective, randomized, double-blind study	2010	Irrelevant Comparison: gabapentin vs. placebo

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Baptista, E.; Malavolta, E. A.; Gracitelli, M. E. C.; Alvarenga, D.; Bordalo-Rodrigues, M.; Ferreira Neto, A. A.; de Barros, N.	Diagnostic accuracy of MRI for detection of tears and instability of proximal long head of biceps tendon: an evaluation of 100 shoulders compared with arthroscopy	2019	Diagnosis of Long Head Biceps Tendon Tears
Barad, H. V.; Patel, V.; Patel, S.; Patel, M.	To determine the role of ultrasonography as a primary imaging modality as compared to MRI in patients with shoulder pain	2022	Low Quality upon Appraisal - Keeping only Moderates and Highs for PICO 3
Barad, S. J.	Severe subacromial-subdeltoid inflammation with rice bodies associated with implantation of a bio-inductive collagen scaffold after rotator cuff repair	2019	Single case report
Barandiaran, A. F.; Houck, D. A.; Schumacher, A. N.; Seidl, A. J.; Frank, R. M.; Vidal, A. F.; Wolcott, M. L.; McCarty, E. C.; Bravman, J. T.	Shoulder Surgery as an Effective Treatment for Shoulder-Related Sleep Disturbance: A Systematic Review	2022	systematic review
Baraza, N.; Simon, M. J. K.; Leith, J. M.	Arthroscopic rotator cuff repair without antibiotic prophylaxis does not increase the infection rate	2021	Irrelevant topic: all patients underwent repair; prophylactic antibiotics vs. no antibiotics
Barcia, A. M.; Makovicka, J. L.; Spenciner, D. B.; Chamberlain, A. M.; Jacofsky, M. C.; Gabriel, S. M.; Moroder, P.; von Rechenberg, B.; Sengun, M. Z.; Tokish, J. M.	Scapular motion in the presence of rotator cuff tears: a systematic review	2021	systematic review, bib review complete
Barlow, J. D.; Jamgochian, G.; Wells, Z.; Bateman, D. K.; Schmerfeld, A. A.; Abboud, J. A.; Williams, G. R.	Reverse Shoulder Arthroplasty is Superior to Hemiarthroplasty for Cuff Tear Arthropathy with Preserved Motion	2020	Mixed Population w/o Stratification
Barman, A.; Mishra, A.; Maiti, R.; Sahoo, J.; Thakur, K. B.; Sasidharan, S. K.	Can platelet-rich plasma injections provide better pain relief and functional outcomes in persons with common shoulder diseases: a meta-analysis of randomized controlled trials	2022	systematic review, bib review complete
Barnes, R. H.; Baumann, C. A.; Woody, N.; Chen, F.; Creighton, R. A.; Kamath, G. V.; Spang, J. T.	Prescribing Fewer Opioids After Rotator Cuff Repair and Anterior Cruciate Ligament Reconstruction Lowers Opioid Consumption Without Impacting Patient-Reported Pain Scores	2022	irrelevant topic: opioid prescribing schedule
Barnes, R. H.; Paterno, A. V.; Lin, F. C.; Zhang, J.; Berkoff, D.; Creighton, R. A.	Glenohumeral Hydrodistension for Postoperative Stiffness After Arthroscopic Primary Rotator Cuff Repair	2022	tear type not specified
Baron, J. E.; Khazi, Z. M.; Duchman, K. R.; Wolf, B. R.; Westermann, R. W.	Increased Prevalence and Associated Costs of Psychiatric Comorbidities in Patients Undergoing Sports Medicine Operative Procedures	2021	cost analysis; irrelevant topic: prevalence; no relevant outcomes

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Barret, H.; Langlais, T.; Laumonerie, P.; Faruch, M.; Mansat, P.; Bonneville, N.	Which preoperative factors influence the patient's short-term subjective assessment after rotator cuff repair?	2023	Tear type was unspecified
Barth, J.; Garret, J.; Nover, L.; van Rooij, F.; Clavert, P.	Insufficient evidence to confirm benefit of adjuvant distal clavicle resection during rotator cuff repair: a systematic review and meta-analysis	2023	Systematic Review; Bib Review Completed
Baryeh, K.; Asopa, V.; Kader, N.; Caplan, N.; Maffulli, N.; Kader, D.	Cell-based therapies for the treatment of sports injuries of the upper limb	2021	Systematic Review
Basat, H. C.; Armangil, M.; Yogun, Y.	Effect of affective temperament on outcome of rotator cuff surgery	2019	No comparison group for risk factors
Basharat, A.; Ramzan, M.; Ali, S.; Qamar, M. M.; Javaid, M.; Ali, M.	Exercise therapy mitigate symptoms of subacromial pain syndrome	2023	Non-surgical population and not relevant to PICO 3 or 6
Bashir, A.; Seth, S.; Wani, I. H.; Farooq, M.; Ul Gani, N.; Naqshi, B. F.	Mini-Open Rotator Cuff Tear Repair: An Institutional Experience with a Midterm Follow-up	2018	no comparison group
Bashrum, B. S.; Hwang, N. M.; Thompson, A. A.; Mayfield, C. K.; Abu-Zahra, M.; Bolia, I. K.; Biedermann, B. M.; Petrigliano, F. A.; Liu, J. N.	Evaluation of spin in systematic reviews on the use of tendon transfer for massive irreparable rotator cuff tears	2023	Systematic Review, Bib Review Complete
Batar, S.; Turkmen, I.; Celik, H.; Uzer, G.; Bilsel, K.	Improved Functional Outcomes with Reverse Shoulder Arthroplasty Compared to Hemiarthroplasty after Proximal Humeral Fractures in the Elderly	2020	irrelevant population; Proximal humeral fracture
Baumann, A. N.; Oleson, C.; Curtis, D. P.; Indermuhle, T.; Leland, J. M., 3rd	The Incidence of Postoperative Shoulder Stiffness After Arthroscopic Rotator Cuff Repair: A Systematic Review	2023	systematic review, bib review complete
Baumgarten, K. M.; Chang, P. S.; Foley, E. K.	Patient-determined outcomes after arthroscopic rotator cuff repair with and without biceps tenodesis utilizing the PITT technique	2019	Tear type was unspecified
Bayona, C. E. A.; Somerson, J. S.; Matsen, F. A.	The utility of international shoulder joint replacement registries and databases: a comparative analytic review of two hundred and sixty one thousand, four hundred and eighty four cases	2018	Review of Databases - all published prior to date of last CPG
Bayram, E.; Yildirim, C.; Erturk, A. K.; Yilmaz, M.; Atlihan, D.	Comparison of the efficacy of irrigation with epinephrine or tranexamic acid on visual clarity during arthroscopic rotator cuff repair: A double-blind, randomized-controlled study	2021	irrelevant comparison: TXA irrigation fluid vs. epinephrine irrigation fluid
Beales, D.; Mitchell, T.; Seneque, D.; Chang, S. Y.; Cheng, T. H.; Quek, Y.; Ranford, S.	Exploration of the Usual Care Pathway for Rotator Cuff Related Shoulder Pain in the Western Australian Workers' Compensation System	2023	Mixed Population w/o Stratification: no tear, partial tear, and full tear

Authors	Article Title	Year	Reason for Exclusion
Beaudreuil, J.; Dhenain, M.; Coudane, H.; Mlika-Cabanne, N.	Clinical practice guidelines for the surgical management of rotator cuff tears in adults	2010	Paper published before 2017 guideline last search date; systematic review
Bechay, J.; Lawrence, C.; Namdari, S.	Calcific tendinopathy of the rotator cuff: a review of operative versus nonoperative management	2020	systematic review
Beck, E. C.; Gowd, A. K.; Liu, J. N.; Waterman, B. R.; Nicholson, K. F.; Forsythe, B.; Yanke, A. B.; Cole, B. J.; Verma, N. N.	How Is Maximum Outcome Improvement Defined in Patients Undergoing Shoulder Arthroscopy for Rotator Cuff Repair? A 1-Year Follow-Up Study	2020	> 50% lost to follow-up
Bedeir, Y. H.; Schumaier, A. P.; Abu-Sheasha, G.; Grawe, B. M.	Type 2 retear after arthroscopic single-row, double-row and suture bridge rotator cuff repair: a systematic review	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Beeler, S.; Pastor, T.; Fritz, B.; Filli, L.; Schweizer, A.; Wieser, K.	Impact of 30 years' high-level rock climbing on the shoulder: an magnetic resonance imaging study of 31 climbers	2021	irrelevant topic: prevalence of pain/degenerative changes in rock climbers; no relevant outcomes
Behr, A.; Freo, U.; Ori, C.; Westermann, B.; Alemanno, F.	Buprenorphine added to levobupivacaine enhances postoperative analgesia of middle interscalene brachial plexus block	2012	Exclude: Intraop Opioid Use
Bejer, A.; Mastej, S.; Plocki, J.; Probachta, M.; Kulczyk, M.; Kotela, I.	The effect of selected factors on the quality of life of patients after arthroscopic reconstruction of a rotator cuff 1â€“2 years after surgery	2018	Tear type was unspecified
Bejer, A.; Szczepanik, M.; Plocki, J.; Szymczyk, D.; Kulczyk, M.; Pop, T.	Translation, cross-cultural adaptation and validation of the polish version of the Oxford Shoulder Score in patients undergoing arthroscopic rotator cuff repair	2019	Irrelevant topic: comparing validity/reliability of OSS to Polish version of OSS
Belay, E. S.; Wittstein, J. R.; Garrigues, G. E.; Lassiter, T. E.; Scribani, M.; Goldner, R. D.; Bean, C. A.	Biceps tenotomy has earlier pain relief compared to biceps tenodesis: a randomized prospective study	2019	Irrelevant population: irreparable tears were excluded
Belk, J. W.; Kraeutler, M. J.; Houck, D. A.; Chrisman, A. N.; Scillia, A. J.; McCarty, E. C.	Biceps tenodesis versus tenotomy: a systematic review and meta-analysis of level I randomized controlled trials	2021	systematic review
Belk, J. W.; McCarty, E. C.; Houck, D. A.; Dragoo, J. L.; Savoie, F. H.; Thon, S. G.	Tranexamic Acid Use in Knee and Shoulder Arthroscopy Leads to Improved Outcomes and Fewer Hemarthrosis-Related Complications: A Systematic Review of Level I and II Studies	2021	systematic review
Belon-Perez, P.; Cuesta-Vargas, A. I.	Immediate Effects of Thoracic Spine Manipulation Upon Shoulder Functionality in Patients With Sutured Rotator Cuff Repair: A Prospective Study	2018	No comparison group; mixed population
Ben, H.; Kholinne, E.; Guo, J.; Kim, D.; Je, M. G.; Koh, K. H.; Jeon, I. H.	Does body mass index affect outcomes following arthroscopic superior capsular reconstruction using fascia lata autograft for massive irreparable rotator cuff tear?	2024	Less than 10 patients in comparison groups

Authors	Article Title	Year	Reason for Exclusion
Ben, H.; Kholinne, E.; Lee, J. B.; So, S. P.; Zeng, C. H.; Koh, K. H.; Jeon, I. H.	Postoperative MRI signal intensity correlates functional outcomes after superior capsular reconstruction	2023	No comparison - all patients underwent SCR
Ben, H.; Kholinne, E.; Zeng, C. H.; So, S. P.; Lee, J. B.; Sun, Y.; Koh, K. H.; Jeon, I. H.	Early Postoperative MRI Evaluation of a Fascia Lata Autograft With and Without Polypropylene Mesh Augmentation After Superior Capsular Reconstruction	2023	Inadequate follow-up time ; no adverse events reported; no relevant outcomes: signal noise quoties
Ben-Ari, E.; Pines, Y.; Gordon, D.; Patel, R. G.; Virk, M. S.; Zuckerman, J. S.; Kwon, Y. W.	Subscapularis Management in Anatomic Total Shoulder Arthroplasty A Review	2024	Narrative Review
Bender, M. J.; Morris, B. J.; Laughlin, M. S.; Sheth, M. M.; Budeyri, A.; Le, R. K.; Elkousy, H. A.; Edwards, T. B.	Early Complication Rates Following Total Shoulder Arthroplasty for Instability Arthropathy With a Prior Coracoid Transfer Procedure	2021	irrelevant population: primary OA w/ no rotator cuff tear
Benjamin-Damons, N.; Hussein El Kout, N. A. R.; van Bever Donker, R.; Edwards, T.; Ferguson, G.	Corticosteroid therapy versus physiotherapy on pain, mobility and function in shoulder impingement: A short note	2022	Systematic Review
Berglund, D. D.; Rosas, S.; Triplet, J. J.; Kurowicki, J.; Horn, B.; Levy, J. C.	Restoration of External Rotation Following Reverse Shoulder Arthroplasty without Latissimus Dorsi Transfer	2018	irrelevant comparison: combined loss of active elevation and external rotation vs. not
Berk, A. N.; Cregar, W. M.; Gachigi, K. K.; Trofa, D. P.; Schiffern, S. C.; Hamid, N.; Rao, A. J.; Saltzman, B. M.	Outcomes of subacromial balloon spacer implantation for irreparable rotator cuff tears: a systematic review and meta-analysis	2023	systematic review
Bermudo Gamboa, M. D.; Borrel, F.; Guetari, C.; Dudouet, R.; Gregory, T.	Evaluation of intraoperative bleeding in shoulder arthroscopy with preoperative injection of epinephrine saline: a retrospective comparative study	2023	preop injections- non biologics
Bernstein, D. N.; Wright, C. L.; Lu, A.; Kim, C.; Warner, J. J.; O'Donnell, E. A.	Surgeon Idiosyncrasy Is A Key Driver of Cost in Arthroscopic Rotator Cuff Repair: A Time-Driven Activity-Based Costing (TDABC) Analysis	2023	cost analysis
Bernstein, J. M.; Perez, J. R.; Shah, H. A.; Emerson, C. P.; Sanchez, P. G.; Greditzer, H. G. th; Nuno, A. U.; Munoz, J.; Baraga, M. G.; Jose, J.	MRI of Superior Capsular Reconstruction	2020	systematic review
Berrigan, W.; Olufade, O.; Negron, G.; Easley, K.; Sussman, W. I.	Calcific Tendinopathy of the Shoulder: A Retrospective Comparison of Traditional Barbotage Versus Percutaneous Ultrasonic Barbotage	2022	irrelevant comparison: traditional vs. percutaneous ultrasonic barbotage (same injection for both groups)

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Berthold, D. P.; Garvin, P.; Mancini, M. R.; Uyeki, C. L.; LeVasseur, M. R.; Mazzocca, A. D.; Voss, A.	Arthroscopic rotator cuff repair with biologically enhanced patch augmentation	2022	Technique Description
Berton, A.; Longo, U. G.; De Salvatore, S.; Sciotti, G.; Santamaria, G.; Piergentili, I.; De Marinis, M. G.; Denaro, V.	A Historical Analysis of Randomized Controlled Trials in the Management of Pain in Rotator Cuff Tears	2021	systematic review
Berton, A.; Longo, U. G.; Gulotta, L. V.; De Salvatore, S.; Piergentili, I.; Calabrese, G.; Roberti, F.; Warren, R. F.; Denaro, V.	Humeral and Glenoid Version in Reverse Total Shoulder Arthroplasty: A Systematic Review	2022	Systematic Review
Besnard, M.; Freychet, B.; Clechet, J.; Hannink, G.; Saffarini, M.; Carrillon, Y.; Godeneche, A.	Partial and complete repairs of massive rotator cuff tears maintain similar long-term improvements in clinical scores	2021	Irrelevant Comparison: Partial RCR vs. Complete RCR
Best, M. J.; Aziz, K. T.; Nayar, S. K.; Patten, I. S.; Bansal, A.; Huish, E.; Srikumaran, U.	Smoking is an independent risk factor for complications following open rotator cuff repair	2020	tear type not specified
Bethell, M. A.; Hurley, E. T.; Welch, J.; Cabell, G.; Levin, J.; Lassiter, T. E.; Boachie-Adjei, Y. D.; Anakwenze, O.; Klifto, C. S.	Subscapularis Repair for Reverse Shoulder Arthroplasty: A Systematic Review & Meta-Analysis	2023	systematic review
Bevan, P. J.; Goljan, P.; Debottis, D.; Petrie, R.; Fisher, S.; Kassam, H.	Rotator cuff preserving reverse shoulder arthroplasty vs. eccentrically reamed anatomic total shoulder arthroplasty for glenohumeral osteoarthritis and an intact rotator cuff with B2 glenoid deformity	2023	Irrelevant population: glenohumeral OA w/ intact rotator cuff
Bezruchenko, S.; Dolhopolov, O.; Yarova, M.; Luchko, R.; Mazevykh, V.	Clinical Evaluation and Instrumental Diagnostics in Acute Acromioclavicular Joint Dislocation	2022	Irrelevant Topic: Acute Acromioclavicular Joint Dislocation
Bhan, K.; Singh, B.	Efficacy of Platelet-Rich Plasma Injection in the Management of Rotator Cuff Tendinopathy: A Review of the Current Literature	2022	Systematic Review; Bib Review Completed
Bhatnagar, S.; Bakshi, A. S.; Singh, A.	SPECTRUM OF ABNORMALITIES OF MAGNETIC RESONANCE IMAGING IN SHOULDER PATHOLOGIES	2022	irrelevant topic: spectrum of abnormalities on MRI; no relevant outcomes
Bhattacharjee, S.; Jordan, B.; Sohn, A.; Seidel, H.; Lee, M. J.; Strelzow, J.; Shi, L. L.	Chronic Preoperative Opioids Are Associated With Revision After Rotator Cuff Repair	2021	Tear type was unspecified

Authors	Article Title	Year	Reason for Exclusion
Bhayana, H.; Mishra, P.; Tandon, A.; Pankaj, A.; Pandey, R.; Malhotra, R.	Ultrasound guided versus landmark guided corticosteroid injection in patients with rotator cuff syndrome: Randomised controlled trial	2018	irrelevant comparison: landmark guided vs ultrasound same corticosteroid injection for both groups
Bhayana, H.; Mishra, P.; Tandon, A.; Pankaj, A.; Pandey, R.; Malhotra, R.	Ultrasound guided versus landmark guided corticosteroid injection in patients with rotator cuff syndrome: Randomised controlled trial	2018	irrelevant comparison; ultrasound guided vs. landmark injection techniques of the same dose of corticosteroid- included in the previous study; does not fit update PICO
Bi, A. S.; Anil, U.; Colasanti, C. A.; Kwon, Y. W.; Virk, M. S.; Zuckerman, J. D.; Rokito, A. S.	Comparison of Multiple Surgical Treatments for Massive Irreparable Rotator Cuff Tears in Patients Younger Than 70 Years of Age: A Systematic Review and Network Meta-analysis	2024	Systematic Review; Bib Review Completed
Bi, M.; Zhou, K.; Gan, K.; Ding, W.; Zhang, T.; Ding, S.; Li, J.	Combining fascia lata autograft bridging repair with artificial ligament internal brace reinforcement : a novel healing-improvement technique for irreparable massive rotator cuff tears	2021	No comparison group
Bildik, C.; Pehlivanoglu, T.	Arthroscopic rotator cuff repair performed with intra-articular tranexamic acid: could it provide improved visual clarity and less postoperative pain? A prospective, double-blind, randomized study of 63 patients	2023	irrelevant comparison: intra-articular tranexamic acid vs. control in pts. undergoing RCT repair
Billaud, A.; Lacroix, P. M.; Carlier, Y.; Pesquer, L.	How much acromial bone should be removed to decrease the critical shoulder angle? A 3D CT acromioplasty planning study	2022	irrelevant topic: 3D planning of acromioplasty, acromial bone measurement
Bingol, I.; Bicici, V.	How does rerupture affect sleep and quality of life in patients undergoing arthroscopic rotator cuff repair?	2021	no risk factors of interest reported
Bingol, O.; Deveci, A.; Baskan, S.; Ozdemir, G.; Kilic, E.; Arslantas, E.	Comparison of local infiltration analgesia and interscalene block for postoperative pain management in shoulder arthroscopy: a prospective randomized controlled trial	2021	Irrelevant Comparison: Interscalene Block (Bupivacaine) vs. Local Analgesia (Ranawat Cocktail)
Binkert, C. A.; Zanetti, M.; Gerber, C.; Hodler, J.	MR arthrography of the glenohumeral joint: two concentrations of gadoteridol versus Ringer solution as the intraarticular contrast material	2001	Low Quality upon Appraisal - Keeping only Moderates and Highs for PICO 3
Bismuth, Y.; Beckers, J.; van Rooij, F.; Saffarini, M.; Godeneche, A.	Outcomes of Secondary Arthroscopic Distal Clavicle Resection for Shoulders With Symptomatic Acromioclavicular Joint Arthropathy After Isolated Rotator Cuff Repair With Complete Tendon Healing	2023	No comparison group; irrelevant topic: outcomes of secondary distal clavicle resection
Bitzer, A.; Mikula, J. D.; Aziz, K. T.; Best, M. J.; Nayar, S. K.; Srikumaran, U.	Diabetes is an independent risk factor for infection after non-arthroplasty shoulder surgery: a national database study	2021	Tear type was unspecified

Authors	Article Title	Year	Reason for Exclusion
Bitzer, A.; Rojas, J.; Patten, I. S.; Joseph, J.; McFarland, E. G.	Incidence and risk factors for aseptic baseplate loosening of reverse total shoulder arthroplasty	2018	Mixed Population w/o Stratification: GHA w/ intact Rotator cuff, RC tear arthropathy, GHA with Rotator tear, other arthropathies, RA, proximal humerus fracture
Bizzoca, D.; Brunetti, G.; Moretti, L.; Piazzolla, A.; Vicenti, G.; Moretti, F. L.; Solarino, G.; Moretti, B.	Polydeoxyribonucleotide in the Treatment of Tendon Disorders, from Basic Science to Clinical Practice: A Systematic Review	2023	systematic review
Bjornsson Hallgren, H. C.; Adolfsson, L.	Neither critical shoulder angle nor acromion index were related with specific pathology 20 years later!	2021	Irrelevant topic: CSA or AI related to development of RCT or GH OA
Bjornsson Hallgren, H. C.; Holmgren, T.	Good outcome after repair of trauma-related anterosuperior rotator cuff tears-a prospective cohort study	2021	No comparison group; No risk factors
Blaber, O.; Hadley, C. J.; Gutman, M. J.; Bishop, M. E.; Namdari, S.; Romeo, A. A.; Erickson, B. J.	Prior Acromioplasty Provides Similar Outcomes and Rate of Postoperative Complications Including Acromial Fracture After Reverse Total Shoulder Arthroplasty: A Retrospective Matched-Cohort Analysis	2023	irrelevant comparison: RTSA w/ prior acromioplasty vs. RTSA w/o prior acromioplasty
Blanco-Diaz, M.; Ruiz-Redondo, R.; Escobio-Prieto, I.; De la Fuente-Costa, M.; Albornoza-Cabello, M.; Casana, J.	A Systematic Review of the Effectiveness of Dry Needling in Subacromial Syndrome	2022	systematic review
Blom, A. W.; Donovan, R. L.; Beswick, A. D.; Whitehouse, M. R.; Kunutsor, S. K.	Common elective orthopaedic procedures and their clinical effectiveness: umbrella review of level 1 evidence	2021	systematic review, bib review complete
Bloom, D. A.; Baron, S. L.; Luthringer, T. A.; Alaia, M. J.; Strauss, E. J.; Jazrawi, L. M.; Campbell, K. A.	Preoperative Opioid Education has No Effect on Opioid Use in Patients Undergoing Arthroscopic Rotator Cuff Repair: A Prospective, Randomized Clinical Trial	2021	irrelevant comparison: standard opioid education vs. educational videos
Boake, B. R.; Childs, T. K.; Soules, T. D.; Zervos, D. L.; Vincent, J. I.; MacDermid, J. C.	Rasch analysis of The Shoulder Pain and Disability Index (SPADI) in a postrepair rotator cuff sample	2021	irrelevant topic: Rasch analysis of SPADI
Boarati, E. L.; Hotta, G. H.; McQuade, K. J.; de Oliveira, A. S.	Acute effect of flexible bar exercise on scapulothoracic muscles activation, on isometric shoulder abduction force and proprioception of the shoulder of individuals with and without subacromial pain syndrome	2020	Irrelevant Comparison Group: Healthy Controls; Not relevant to PICOs
Boettcher, M. L.; Neel, G. B.; Reid, J. J.; Eichinger, J. K.; Friedman, R. J.	Clinical and radiographic outcomes after reverse total shoulder arthroplasty in patients 80 years of age and older	2022	Mixed Population w/o Stratification: OA, OA with Rotator cuff tear, Rotator cuff tear arthropathy, post-traumatic

Authors	Article Title	Year	Reason for Exclusion
			arthritis, or inflammatory arthropathy.
Boileau, P.; Andreani, O.; Schramm, M.; Baba, M.; Barret, H.; Chelli, M.	The Effect of Tendon Delamination on Rotator Cuff Healing	2019	irrelevant comparison: nondelaminated vs. delaminated tendons
Boileau, P.; Clowez, G.; Bouacida, S.; Walch, G.; Schwartz, D. G.; Trojani, C.	The Arthroscopic Trillat Procedure Is a Valuable and Durable Treatment Option for Recurrent Anterior Instability Associated With Massive Irreparable Cuff Tears	2023	No comparison group
Boileau, P.; Clowez, G.; Bouacida, S.; Walch, G.; Trojani, C.; Schwartz, D. G.	The Arthroscopic Trillat Procedure Is a Valuable Treatment Option for Recurrent Anterior Instability in Young Athletes With Shoulder Hyperlaxity	2023	No comparison group
Boileau, P.; Gastaud, O.; Wilson, A.; Trojani, C.; Bronsard, N.	All-Arthroscopic Reconstruction of Severe Chronic Acromioclavicular Joint Dislocations	2019	no comparison group; irrelevant population: acromioclavicular joint dislocations
Boileau, P.; Gauci, M. O.; Wagner, E. R.; Clowez, G.; Chaoui, J.; Chelli, M.; Walch, G.	The reverse shoulder arthroplasty angle: a new measurement of glenoid inclination for reverse shoulder arthroplasty	2019	No comparison group - all patients underwent reverse shoulder arthroplasty
Boileau, P.; Morin-Salvo, N.; Bessiere, C.; Chelli, M.; Gauci, M. O.; Lemmex, D. B.	Bony increased-offset-reverse shoulder arthroplasty: 5 to 10 years' follow-up	2020	no comparison group; mixed population w/o stratification
Boksh, K.; Haque, A.; Sharma, A.; Divall, P.; Singh, H.	Use of Suture Tapes Versus Conventional Sutures for Arthroscopic Rotator Cuff Repairs: A Systematic Review and Meta-analysis	2022	systematic review
Bokshan, S. L.; Tabarestani, T. Q.; Ruderman, L.; Rueckert, H.; Levin, J.; Leinroth, A. P.; Ibarra, J.; Klifto, C.; Hilton, M. J.; Anakwenze, O.	Risk Factors for Intra-cellular Fatty Accumulation in Rotator Cuff Muscle: A Histological Analysis	2023	Irrelevant Topic: Histological Analysis; Not Relevant to PICOs (see extended note)
Bolam, S. M.; Konar, S.; Gamble, G.; Paine, S. J.; Dalbeth, N.; Monk, A. P.; Coleman, B.; Cornish, J.; Munro, J. T.; Musson, D. S.	Ethnicity, sex, and socioeconomic disparities in the treatment of traumatic rotator cuff injuries in Aotearoa/New Zealand	2023	cost analysis; mixed population w/o stratification and no relevant outcomes
Bolam, S. M.; Wells, Z.; Tay, M. L.; Frampton, C. M. A.; Coleman, B.; Dalgleish, A.	Reverse total shoulder arthroplasty for acute proximal humeral fracture has comparable 10-year outcomes to elective indications: results from the New Zealand Joint Registry	2024	irrelevant comparison by surgical indication

Authors	Article Title	Year	Reason for Exclusion
Bonnevialle, N.; Ohl, X.; Clavert, P.; Favard, L.; Fregeac, A.; Obert, L.; Chantelot, C.; Gallinet, D.; Boileau, P.	Should the supraspinatus tendon be excised in the case of reverse shoulder arthroplasty for fracture?	2020	irrelevant population; proximal humerus fracture
Bono, O. J.; Jenkin, B.; Forlizzi, J.; Mousad, A.; Le Breton, S.; MacAskill, M.; Mandalia, K.; Mithoefer, K.; Ramappa, A.; Ross, G.; Shah, S. S.	Evidence for Utilization of Injectable Biologic Augmentation in Primary Rotator Cuff Repair: A Systematic Review of Data From 2010 to 2022	2023	systematic review
Boonard, M.; Sumanont, S.; Arirachakaran, A.; Apiwatanakul, P.; Boonrod, A.; Kanchanatawan, W.; Kongtharvonskul, J.	Short-term outcomes of subacromial injection of combined corticosteroid with low-volume compared to high-volume local anesthetic for rotator cuff impingement syndrome: a randomized controlled non-inferiority trial	2018	same article as AAOS ID 15068
Borbas, P.; Hartmann, R.; Ehrmann, C.; Ernstbrunner, L.; Wieser, K.; Bouaicha, S.	Acromial Morphology and Its Relation to the Glenoid Is Associated with Different Partial Rotator Cuff Tear Patterns	2022	irrelevant comparison: PASTA vs. BURSA; same intervention for all
Borgeat, A.; Aguirre, J.; Marquardt, M.; Mrdjen, J.; Blumenthal, S.	Continuous interscalene analgesia with ropivacaine 0.2% versus ropivacaine 0.3% after open rotator cuff repair: the effects on postoperative analgesia and motor function	2010	Irrelevant comparison: ropivacaine 0.2% vs. 0.3%
Borrero, C. G.; Costello, J.; Bertolet, M.; Vyas, D.	Effect of patient age on accuracy of primary MRI signs of long head of biceps tearing and instability in the shoulder: an MRI-arthroscopy correlation study	2018	irrelevant population: long head of the biceps tears
Borton, Z.; Shivji, F.; Simeen, S.; Williams, R.; Tambe, A.; Espag, M.; Cresswell, T.; Clark, D.	Diabetic patients are almost twice as likely to experience complications from arthroscopic rotator cuff repair	2020	Tear type was unspecified
Botros, J. M.; Mahmoud, F. E.; Mahmoud, A. M.; Shawky, M. A.; Arafaa, Msem; Ragab, S. G.	Combined Infraclavicular-Suprascapular Nerve Blocks Compared With Interscalene Block for Arthroscopic Rotator Cuff Repair: A Prospective, Randomized, Double-blind, and Comparative Clinical Trial	2023	irrelevant comparison: ISB vs. ISNB; opioid as outcome
Botros, M.; Curry, E. J.; Yin, J.; Jawa, A.; Eichinger, J. K.; Li, X.	Reverse shoulder arthroplasty has higher perioperative implant complications and transfusion rates than total shoulder arthroplasty	2019	Irrelevant population: unclear why patients underwent procedures (massive, irreparable tears not mentioned)
Bouche, P. A.; Gaujac, N.; Descamps, J.; Conso, C.	Assessment of several postoperative protocols after rotator cuff repair: A network meta-analysis	2022	systematic review
Boudreau, S. C.; Dombrowsky, A. R.; Arguello, A. M.; Gould, S.; Brabston, E. W., 3rd;	Patient Perception of Orthopedic Surgeon Reimbursement	2020	systematic review, bib review complete

Authors	Article Title	Year	Reason for Exclusion
Ponce, B. A.; Momaya, A. M.			
Bourke, J.; Skouteris, H.; Hatzikiriakidis, K.; Fahey, D.; Malliaras, P.	Use of Behavior Change Techniques Alongside Exercise in the Management of Rotator Cuff-Related Shoulder Pain: A Scoping Review	2022	systematic review
Boyd, J. A.; Karas, S. G.; Urchek, R. J.; Farley, K. X.; Anastasio, A. T.; Gottschalk, M. B.	Factors influencing operative time in arthroscopic rotator cuff repair: a comparison of knotless single-row vs. transosseous equivalent dual-row techniques	2020	no relevant outcomes
Bozoglan, M.; Danisman, M.; Demir, T.; Karaca, H.; Esenyel, C. Z.	The clinical results of lower trapezius tendon transfer with the peroneus longus allograft augmentation combined with interpositional repair with fascia lata in massive irreparable rotator cuff tears	2023	No control group
Bozon, O.; Chiche, L.; Salabi, V.; Lazerges, C.; Chammas, M.; Coulet, B.	The IBTIS score; a new prognostic score for arthroscopic biceps tenotomies	2022	mixed population w/o stratification; same intervention for all
Bradley, A. T.; Lin, Y.; Kingston, K. A.; Koh, J. L.; Lee, M. J.; Shi, L.	Are Comorbidities Affecting Rotator Cuff Repair Outcomes? A Retrospective Review of Postoperative Costs and complications	2021	Tear type was unspecified; Inadequate follow-up time (see extended note)
Bradley, J. P.; Arner, J. W.; Jayakumar, S.; Vyas, D.	Risk Factors and Outcomes of Revision Arthroscopic Posterior Shoulder Capsulolabral Repair	2018	irrelevant population: capsulolabral repair; rotator cuff analyzed as a risk factor
Brage, K.; Hjarbaek, J.; Kjaer, P.; Ingwersen, K. G.; Juul-Kristensen, B.	Ultrasonic strain elastography for detecting abnormalities in the supraspinatus tendon: an intra- and inter-rater reliability study	2019	an intra- and inter-rater reliability study
Bravi, M.; Fossati, C.; Giombini, A.; Macaluso, A.; Lazzoli, J. K.; Santacaterina, F.; Bressi, F.; Vorini, F.; Campi, S.; Papalia, R.; Pigozzi, F.	Criteria for Return-to-Play (RTP) after Rotator Cuff Surgery: A Systematic Review of Literature	2022	systematic review
Bray, T. J.	What's Important: What I Learned as My Spouse's "Recovery Partner" Following Rotator Cuff Surgery	2021	Narrative Review
Breborowicz, E.; Lubiatowski, P.; Jokiel, M.; Breborowicz, M.; Stefaniak, J.; Zygmunt, A.; Wojtaszek, M.; Kaczmarek, P.; Romanowski, L.	Isokinetic and functional shoulder outcomes after arthroscopic capsulolabral stabilization	2022	Irrelevant intervention: labral repair
Brewley, E. E., Jr.; Christmas, K. N.; Gorman, R. A., 2nd; Downes, K. L.; Mighell, M. A.; Frankle, M. A.	Defining the younger patient: age as a predictive factor for outcomes in shoulder arthroplasty	2020	Mixed Population w/o Stratification: osteoarthritis, Rotator cuff arthropathy, massive cuff tear without osteoarthritis, osteoarthritis

Authors	Article Title	Year	Reason for Exclusion
Bridges, M.; Hilliard, J.; Chui, K.	Management of Conditions Associated with Aging and Older Adults Using Therapeutic Electromagnetic Energy: A Narrative Systematic Review	2018	Systematic review
Brindisino, F.; De Santis, A.; Rossetini, G.; Pellicciari, L.; Filipponi, M.; Rollo, G.; Gibson, J.	Post-surgery rehabilitation following rotator cuff repair. A survey of current (2020) Italian clinical practice	2022	irrelevant population: healthy physiotherapists
Brindisino, F.; Salomon, M.; Giagio, S.; Pastore, C.; Innocenti, T.	Rotator cuff repair vs. nonoperative treatment: a systematic review with meta-analysis	2021	systematic review
Brinkman, J. C.; Zaw, T. M.; Fox, M. G.; Wilcox, J. G.; Hattrup, S. J.; Chhabra, A.; Neville, M. R.; Hartigan, D. E.	Calcific Tendonitis of the Shoulder: Protector or Predictor of Cuff Pathology? A Magnetic Resonance Imaging-Based Study	2020	irrelevant topic: incidence of rotator cuff tears
Brix, L. D.; Bjornholdt, K. T.; Nikolajsen, L.; Kallestrup, K.; Thillemann, T. M.	The Danish version of the Western Ontario Rotator Cuff Index	2020	irrelevant topic: translation and adaptation of the WORC
Brochin, R. L.; Zastrow, R.; Hussey-Andersen, L.; Parsons, B. O.; Cagle, P. J.	Revision rotator cuff repair: a systematic review	2020	systematic review
Brock, J. L.; Jain, N.; Phillips, F. M.; Malik, A. T.; Khan, S. N.	Postoperative opioid cessation rates based on preoperative opioid use: analysis of common orthopaedic procedures	2019	Not a randomized controlled trial
Brock, L.; Hightower, B.; Moore, T.; Nees, D.; Heigle, B.; Shepard, S.; Kee, M.; Ottwell, R.; Hartwell, M.; Vassar, M.	Reporting of Patient-Reported Outcome Measures in Randomized Controlled Trials on Shoulder Rotator Cuff Injuries Is Suboptimal and Requires Standardization	2022	systematic review, bib review complete
Broida, S. E.; Sweeney, A. P.; Gottschalk, M. B.; Woodmass, J. M.; Wagner, E. R.	Clinical outcomes of latissimus dorsi tendon transfer and superior capsular reconstruction for irreparable rotator cuff tears: a systematic review	2022	systematic review, bib review complete
Brown, J. S.; Gordon, R. J.; Peng, Y.; Hatton, A.; Page, R. S.; Macgroarty, K. A.	Lower operating volume in shoulder arthroplasty is associated with increased revision rates in the early postoperative period: long-term analysis from the Australian Orthopaedic Association National Joint Replacement Registry	2020	no relevant outcomes or comparisons
Bruni, D. F.; Pierson, S. R.; Sarwar, F.; Ring, D.; Ramtin, S.	Are the Pathologic Features of Enthesopathy, Tendinopathy, and Labral and Articular Disc Disease Related to Mucoïd Degeneration? A Systematic Review	2023	Systematic Review
Brush, P. L.; Santana, A.; Nanavati, R.; Toci, G. R.; Issa, T. Z.; Fletcher, D. J.; Hornstein, J.	Arthroscopic Treatment of Shoulder Stiffness With Rotator Cuff Repair Yields Similar Outcomes to Isolated Rotator Cuff Repair	2023	Mixed Population w/o Stratification: partial thickness tears, and not an RCT

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Brzoska, R.; Laprus, H.; Michniowski, P.; Solecki, W.; Klon, W.; Blasiak, A.	Novel and effective arthroscopic extracapsular stabilization technique for anterior shoulder instability-BLS	2019	irrelevant population; anterior shoulder instability
Buckup, J.; Smolen, D.; Hess, F.; Sternberg, C.; Leuzinger, J.	The arthroscopic triple-row modified suture bridge technique for rotator cuff repair: functional outcome and repair integrity	2020	no comparison group; no risk factors analyzed
Budania, S.; Kalbi, H. R.	Inter-Correlation between MRI and High-Frequency USG for Rotator Cuff Injuries	2024	Low Quality upon Appraisal - Keeping only Moderates and Highs for PICO 3
Bukhari, B.; Ahmad, A.; Fatima, A.; Ali, S.	Effects of thoracic spinal thrust manipulation for the management of shoulder impingement syndrome: Systematic review	2023	systematic review
Bunkar, D.; Rangare, V.; Nagwanshi, J.; Kumar, A.	THE STUDY OF MRI FINDINGS IN TRAUMATIC AND NON TRAUMATIC LESIONS THAT CAUSE SHOULDER JOINT PATHOLOGY	2023	No reference standard; no relevant outcomes
Bunkar, D.; Rangare, V.; Nagwanshi, J.; Kumar, A.	STUDY OF ROTATOR CUFF TEARS IN SHOULDER JOINT OF ELDERLY POPULATION	2023	No reference standard; no relevant outcomes
Burden, E. G.; Batten, T. J.; Smith, C. D.; Evans, J. P.	Reverse total shoulder arthroplasty	2021	systematic review
Burkhart, S. S.	Shoulder arthroscopy: a bridge from the past to the future	2020	systematic review
Burkhart, S. S.	Superior Capsule Reconstruction	2018	Technique Description
Burkhart, S. S.; Pranckun, J. J.; Hartzler, R. U.	Superior Capsular Reconstruction for the Operatively Irreparable Rotator Cuff Tear: Clinical Outcomes Are Maintained 2 Years After Surgery	2020	no comparison group
Burne, G.; Mansfield, M.; Gaida, J. E.; Lewis, J. S.	Is there an association between metabolic syndrome and rotator cuff-related shoulder pain? A systematic review	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Burns, D.; Boyer, P.; Razmjou, H.; Richards, R.; Whyne, C.	Adherence Patterns and Dose Response of Physiotherapy for Rotator Cuff Pathology: Longitudinal Cohort Study	2021	No comparison group
Burns, K. A.; Robbins, L. M.; LeMarr, A. R.; Childress, A. L.; Morton, D. J.; Schroer, W. C.; Wilson, M. L.	Celecoxib significantly reduces opioid use after shoulder arthroplasty	2021	irrelevant comparison: celecoxib + opioid vs. Placebo + opioid
Burns, K. A.; Robbins, L. M.; LeMarr, A. R.; Childress, A. L.; Morton, D. J.; Wilson, M. L.	Healing rates after rotator cuff repair for patients taking either celecoxib or placebo: a double-blind randomized controlled trial	2021	Irrelevant Comparison: Celecoxib vs. Placebo
Burns, K. A.; Robbins, L.; LeMarr, A. R.; Childress, A. L.; Morton, D. J.; Wilson, M. L.	Rotator Cuff Repair With Knotless Technique Is Quicker and More Cost-Effective Than Knotted Technique	2019	cost analysis; irrelevant population for PICO 9: partial tears included

Authors	Article Title	Year	Reason for Exclusion
Burrus, M. T.; Denard, P. J.; Lederman, E.; Gobezie, R.; Werner, B. C.	Reverse total shoulder arthroplasty for patients with preserved active elevation and moderate-to-severe pain: a matched cohort study	2022	Irrelevant comparison: preserved vs. restricted pre-op elevation; Mixed Population w/o Stratification (see extended note)
Burrus, M. T.; Diduch, D. R.; Werner, B. C.	Patient-related Risk Factors for Postoperative Stiffness Requiring Surgical Intervention After Arthroscopic Rotator Cuff Repair	2019	tear type not specified
Burrus, M. T.; Werner, B. C.; Menendez, M. E.; Denard, P. J.	Evaluation of the Painful Total Shoulder Arthroplasty	2023	Narrative Review
Burton, I.; McCormack, A.	Blood Flow Restriction Resistance Training in Tendon Rehabilitation: A Scoping Review on Intervention Parameters, Physiological Effects, and Outcomes	2022	systematic review
Bushnell, B. D.; Bishai, S. K.; Krupp, R. J.; McMillan, S.; Schofield, B. A.; Trenhaile, S. W.; McIntyre, L. F.	Treatment of Partial-Thickness Rotator Cuff Tears With a Resorbable Bioinductive Bovine Collagen Implant: 1-Year Results From a Prospective Multicenter Registry	2021	no comparison group
Bushnell, B. D.; Connor, P. M.; Harris, H. W.; Ho, C. P.; Trenhaile, S. W.; Abrams, J. S.	Two-year outcomes with a bioinductive collagen implant used in augmentation of arthroscopic repair of full-thickness rotator cuff tears: final results of a prospective multicenter study	2022	irrelevant comparison; medium vs. large tears- same intervention
Buss, D. D.; Stern, S. H.; Tervola, N.; McCarty, L. P., 3rd; Giveans, M. R.	Prevalence of Rotator Cuff Repairs with and Without Concomitant Subacromial Decompressions Has Not Changed	2018	Not a randomized controlled trial; PICO 2 is RCT only update
Buys, M. J.; Bayless, K.; Romesser, J.; Anderson, Z.; Patel, S.; Zhang, C.; Presson, A. P.; Brooke, B. S.	Opioid use among veterans undergoing major joint surgery managed by a multidisciplinary transitional pain service	2020	not an RCT (retrospective cohort study)
Cabarcas, B. C.; Cvetanovich, G. L.; Gowd, A. K.; Liu, J. N.; Manderle, B. J.; Verma, N. N.	Accuracy of patient-specific instrumentation in shoulder arthroplasty: a systematic review and meta-analysis	2019	Systematic Review
Cabarcas, B. C.; Gowd, A. K.; Liu, J. N.; Cvetanovich, G. L.; Erickson, B. J.; Romeo, A. A.; Verma, N. N.	Establishing maximum medical improvement following reverse total shoulder arthroplasty for rotator cuff deficiency	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Cabaton, J.; Nove-Josserand, L.; Mercadal, L.; Vaudelin, T.	Analgesic efficacy of ultrasound-guided interscalene block vs. supraclavicular block for ambulatory arthroscopic rotator cuff repair: A randomised noninferiority study	2019	Irrelevant Comparison: Periop Ultrasound SCB vs. ISB with Levobupivacaine/Clonidine
Cakar, B.; Guney, A.; Guney, B.; Uzun, E.; Sekban, H.	The effect of biceps tenotomy on humeral migration and clinical outcomes in arthroscopic rotator cuff repair	2022	Irrelevant population: massive tears excluded from study; comparison not relevant to other PICOs

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Caliskan, E.; Eren, I.; Aslan, L.; Koyuncu, O.; Seyahi, A.; Demirhan, M.	Intraosseous calcific tendinitis of the rotator cuff yields similar outcomes to those of intratendinous lesions despite worse preoperative scores	2022	irrelevant comparison by location of calcific deposits
Calver, R.; Alenabi, T.; Cudlip, A.; Dickerson, C. R.; Mondal, P.; Kim, S. Y.	Regional activation of supraspinatus and infraspinatus sub-regions during dynamic tasks performed with free weights	2022	irrelevant population: 15 healthy participants
Calvo, C.; Calvo, J.; Rojas, D.; Valencia, M.; Calvo, E.	Clinical Relevance of Persistent Off-Track Hill-Sachs Lesion After Arthroscopic Latarjet Procedure	2021	irrelevant comparison: postop off track hill-sachs lesions vs. on track hill sachs lesions
Calvo, E.; Rebollon, C.; Itoi, E.; Imhoff, A.; Savoie, F. H.; Arce, G.	Reliable interobserver and intraobserver agreement of the International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine (ISAKOS) classification system of rotator cuff tears	2022	Irrelevant Topic: inter/intra-rater reliability
Campbell, A. L.; Baron, S. L.; Pham, H.; Gyftopoulos, S.; Meislin, R.; Samim, M.	MRI of superior capsular reconstruction graft and associated short-term clinical outcomes in patients with massive irreparable rotator cuff tears	2021	irrelevant comparison: intact vs. torn postop grafts
Campbell, R. E.; Lee, D.; Day, L. M.; Dixit, A.; Freedman, K. B.; Tjoumakaris, F. P.	Management of Massive Rotator Cuff Tears Without Arthropathy	2023	Narrative Review
Can, F. I.; Gultac, E.; Sahin, I. G.; Kilinc, C. Y.; Hurriyet Aydogan, N.	Subacromial impingement as a predictor of proximal biceps tendon disorders	2022	Irrelevant Topic: Relationship btwn biceps tendon disorders and SI
Cancienne, J. M.; Deasey, M. J.; Kew, M. E.; Werner, B. C.	The Association of Perioperative Glycemic Control With Adverse Outcomes Within 6 Months After Arthroscopic Rotator Cuff Repair	2019	Tear type was unspecified; irrelevant risk factor: perioperative HbA1c level
Cancienne, J. M.; Denard, P. J.; Garrigues, G. E.; Werner, B. C.	The Relationship of Staged, Bilateral Arthroscopic Primary Rotator Cuff Repair Timing and Postoperative Complications	2021	irrelevant comparison: timing of RCR; tear type was not specified
Candela, V.; Aimino, R.; Mezzaqui, L.; Standoli, J. P.; Gumina, S.	Macroscopic aspects of glenohumeral synovitis are related to rotator cuff tear severity	2022	irrelevant topic: correlation of macroscopic changes w/ RC severity
Candela, V.; Longo, U. G.; Di Naro, C.; Facchinetti, G.; Marchetti, A.; Sciotti, G.; Santamaria, G.; Piergentili, I.; De Marinis, M. G.; Nazarian, A.; Denaro, V.	A Historical Analysis of Randomized Controlled Trials in Rotator Cuff Tears	2020	systematic review
Canton, G.; Fazzari, F.; Fattori, R.; Ratti, C.; Murena, L.	Post-operative periprosthetic humeral fractures after reverse shoulder arthroplasty: A review of the literature	2019	Literature review
Carbone, S.; Castagna, V.; Passaretti, D.; Candela, V.; Cerciello, S.; Delli Sante, E.; Gumina, S.	Supraspinatus repair and biceps tenodesis in competitive CrossFit athletes allow for a 100% of return to sport	2021	No comparison group - all participants underwent arthroscopic repair

Authors	Article Title	Year	Reason for Exclusion
Cardenas, D. D.; Felix, E. R.; Cowan, R.; Orell, M. F.; Irwin, R.	Effects of Home Exercises on Shoulder Pain and Pathology in Chronic Spinal Cord Injury: A Randomized Controlled Trial	2020	Non-surgical population and not relevant to PICO 3 or 6
Cardoso, A.; Freire, G.; Alonso, R.; Afonso, P. D.; Pires, L.	Bicipital groove cross-sectional area on ultrasonography: Does a correlation to intra-articular tendon pathology exist?	2021	irrelevant topic: bicipital groove correlates to tendon pathology
Carducci, M. P.; Zimmer, Z. R.; Jawa, A.	Predictors of unsatisfactory patient outcomes in primary reverse total shoulder arthroplasty	2019	Mixed Population w/o Stratification: DJD, RCA and RCT with no mention of specific tear type
Carek, S. M.; Carek, P. J.	Consider these exercises for chronic musculoskeletal conditions	2018	Narrative Review
Carlisi, E.; Lisi, C.; Dall'angelo, A.; Monteleone, S.; Nola, V.; Tinelli, C.; Dalla Toffola, E.	Focused extracorporeal shock wave therapy combined with supervised eccentric training for supraspinatus calcific tendinopathy	2018	Non-surgical population and not relevant to PICO 3 or 6
Carmody, D.; Conanan, A.; Moeller, D.; Khoblall, S.; Keating, C.	Efficacy of Externally Paced Training on Pain in Tendinopathy: A Systematic Review and Meta Analysis	2023	Systematic Review; Bib Review Completed
Carnevale, A.; Longo, U. G.; Schena, E.; Massaroni, C.; Lo Presti, D.; Berton, A.; Candela, V.; Denaro, V.	Wearable systems for shoulder kinematics assessment: a systematic review	2019	Systematic Review
Carr, A. J.; Cooper, C. D.; Campbell, M. K.; Rees, J. L.; Moser, J.; Beard, D. J.; Fitzpatrick, R.; Gray, A.; Dawson, J.; Murphy, J.; Bruhn, H.; Cooper, D.; Ramsay, C. R.	Clinical effectiveness and cost-effectiveness of open and arthroscopic rotator cuff repair [the UK Rotator Cuff Surgery (UKUFF) randomised trial]	2015	Identical record to AAOS ID 15094
Carr, J. B.; Rodeo, S. A.	Rotator Cuff Repair: A Biological Approach to Improve Outcomes	2020	systematic review
Carver, T. J.; Kraeutler, M. J.; Smith, J. R.; Bravman, J. T.; McCarty, E. C.	Nonarthroplasty Surgical Treatment Options for Massive, Irreparable Rotator Cuff Tears	2018	Systematic Review; Bib Review Completed
Casper, D. S.; Schroeder, G. D.; Zmistowski, B.; Rihn, J. A.; Anderson, D. G.; Hilibrand, A. S.; Vaccaro, A. R.; Kepler, C. K.	Medicaid Reimbursement for Common Orthopedic Procedures Is Not Consistent	2019	irrelevant topic: percentage of Medicaid reimbursement by ortho procedure
Castagna, A.; Garofalo, R.; Maman, E.; Gray, A. C.; Brooks, E. A.	Comparative cost-effectiveness analysis of the subacromial spacer for irreparable and massive rotator cuff tears	2019	cost analysis; no relevant outcomes
Castagna, A.; Ranieri, R.; Volpi, P.; Ceccarelli, E.; Garofalo, R.; Conti, M.	Elite professional goalkeepers report high rate of sport resumption after shoulder surgery	2021	Irrelevant population: multiple injury modalities

Authors	Article Title	Year	Reason for Exclusion
Castagna, A.; Rose, G. D.; De Giorgi, S.; Gumina, S.; Garofalo, R.; Borroni, M.	Do radiolucent lines and stress shielding of the humeral shaft really matter in shoulder arthroplasty?	2020	Mixed Population w/o Stratification: proximal humeral fractures, osteoarthritis, rheumatoid arthritis and cuff tear arthropathy
Castoldi, F.; Blonna, D.; Hertel, R.	External rotation lag sign revisited: accuracy for diagnosis of full thickness supraspinatus tear	2009	Low Quality upon Appraisal - Keeping only Moderates and Highs for PICO 3
Castricini, R.; Familiari, F.; De Gori, M.; Riccelli, D. A.; De Benedetto, M.; Orlando, N.; Galasso, O.; Gasparini, G.	Tenodesis is not superior to tenotomy in the treatment of the long head of biceps tendon lesions	2018	Irrelevant population: reparable full thickness tears
Castro, B. K. C.; Correa, F. G.; Maia, L. B.; Oliveira, V. C.	Effectiveness of conservative therapy in tendinopathy-related shoulder pain: A systematic review of randomized controlled trials	2021	systematic review
Catapano, M.; de Sa, D.; Ekhtiari, S.; Lin, A.; Bedi, A.; Lesniak, B. P.	Arthroscopic Superior Capsular Reconstruction for Massive, Irreparable Rotator Cuff Tears: A Systematic Review of Modern Literature	2019	Systematic Review; Bib Review Completed
Catapano, M.; Zhang, K.; Mittal, N.; Sangha, H.; Onishi, K.; de Sa, D.	Effectiveness of Dextrose Prolotherapy for Rotator Cuff Tendinopathy: A Systematic Review	2020	systematic review
Cauchon, A. M.; Tetreault, P.; Bascans, C.; Skalli, W.; Hagemeister, N.	Morphologic and radiologic parameters correlating to shoulder function at diagnosis for patients with rotator cuff tear	2020	no relevant outcomes
Caughey, M. A.; Penny, I.; Frampton, C. M.	Medium-term results of the Ascension Pyrotitan surface replacement and Pyrocarbon hemiarthroplasty in the shoulder	2024	irrelevant population: no rotator cuff tears
Caughey, W. J.; Maher, A.; Leigh, W. B.; Brick, M. J.; Young, S. W.; Walker, C. G.; Caughey, M. A.	Impact of smoking on pain and function in rotator cuff repair: a prospective 5-year cohort follow-up of 1383 patients	2021	irrelevant population; tear type not specified
Cavendish, P. A.; Everhart, J. S.; DiBartola, A. C.; Eikenberry, A. D.; Cvetanovich, G. L.; Flanigan, D. C.	The effect of perioperative platelet-rich plasma injections on postoperative failure rates following rotator cuff repair: a systematic review with meta-analysis	2020	systematic review
Cefalu, C. A.; Lowenstein, N. A.; Garvey, K. D.; Collins, J. E.; Matzkin, E. G.	Impact of smoking on patient-reported outcome measures after arthroscopic rotator cuff repair: a 2-year comparative cohort study	2021	Tear type was unspecified
Celik, D.; Karaborklu Argut, S.; Coban, O.; Eren, I.	The clinical efficacy of kinesio taping in shoulder disorders: a systematic review and meta analysis	2020	systematic review
Cerciello, S.; Mocini, F.; Proietti, L.; Candura, D.; Corona, K.	Critical Shoulder Angle in Patients With Cuff Tears	2024	Systematic Review; Bib Review Completed

Authors	Article Title	Year	Reason for Exclusion
Cerri-Droz, P. E.; Ling, K.; Aknoukh, S.; Komatsu, D. E.; Wang, E. D.	Diabetes mellitus as a risk factor for postoperative complications following arthroscopic rotator cuff repair	2023	Tear type was unspecified
Cetinkaya, M.; Kanatli, U.; Ataoglu, M. B.; Ozer, M.; Ayanoglu, T.; Bolukbasi, S.	The forelock sign: A new arthroscopic finding in partial subscapularis tears	2019	irrelevant topic: incidence/frequency of forelock sign
Chae, S. H.; Lee, J. E.; Kim, M. J.; Yoo, J. C.	Evaluation of analgesic efficacy and opioid sparing effect of pregabalin after arthroscopic rotator cuff repair surgery: A retrospective cohort study	2021	Not a randomized controlled trial; irrelevant comparison: pregabalin vs. control
Chahla, J.; Aman, Z. S.; Godin, J. A.; Cinque, M. E.; Provencher, M. T.; LaPrade, R. F.	Systematic Review of the Anatomic Descriptions of the Glenohumeral Ligaments: A Call for Further Quantitative Studies	2019	systematic review
Challoumas, D.; Clifford, C.; Kirwan, P.; Millar, N. L.	How does surgery compare to sham surgery or physiotherapy as a treatment for tendinopathy? A systematic review of randomised trials	2019	Systematic Review of Irrelevant Topic (PT vs Surgery for tendinopathy)
Challoumas, D.; Kirwan, P. D.; Borysov, D.; Clifford, C.; McLean, M.; Millar, N. L.	Topical glyceryl trinitrate for the treatment of tendinopathies: a systematic review	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Chalmers, P. N.; Beck, L.; Miller, M.; Kawakami, J.; Dukas, A. G.; Burks, R. T.; Greis, P. E.; Tashjian, R. Z.	Acromial morphology is not associated with rotator cuff tearing or repair healing	2020	no relevant outcomes
Chalmers, P. N.; Beck, L.; Miller, M.; Stertz, I.; Henninger, H. B.; Tashjian, R. Z.	Glenoid Retroversion Associates With Asymmetric Rotator Cuff Muscle Atrophy in Those With Walch B-type Glenohumeral Osteoarthritis	2020	non-diagnostic; irrelevant topic: glenoid retroversion and RC muscle atrophy
Chalmers, P. N.; Beck, L.; Stertz, I.; Aleem, A.; Keener, J. D.; Henninger, H. B.; Tashjian, R. Z.	Do magnetic resonance imaging and computed tomography provide equivalent measures of rotator cuff muscle size in glenohumeral osteoarthritis?	2018	no reference standard, no outcomes of interest
Chalmers, P. N.; Erickson, B. J.; D'Angelo, J.; Ma, K.; Romeo, A. A.	Epidemiology of Shoulder Surgery Among Professional Baseball Players	2019	irrelevant topic: epidemiologic study w/ no relevant outcomes
Chalmers, P. N.; Granger, E.; Nelson, R.; Yoo, M.; Tashjian, R. Z.	Factors Affecting Cost, Outcomes, and Tendon Healing After Arthroscopic Rotator Cuff Repair	2018	Identical Record to AAOS ID 15071 (see extended note)
Chalmers, P. N.; Granger, E.; Ross, H.; Burks, R. T.; Tashjian, R. Z.	Preoperative Factors Associated With Subsequent Distal Clavicle Resection After Rotator Cuff Repair	2019	Tear type was unspecified
Chalmers, P. N.; Kahn, T.; Broschinsky, K.; Ross, H.; Stertz, I.; Nelson, R.; Yoo, M.; Tashjian, R. Z.	An analysis of costs associated with shoulder arthroplasty	2019	cost analysis

Authors	Article Title	Year	Reason for Exclusion
Chalmers, P. N.; Ross, H.; Granger, E.; Presson, A. P.; Zhang, C.; Tashjian, R. Z.	The Effect of Rotator Cuff Repair on Natural History: A Systematic Review of Intermediate to Long-Term Outcomes	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Chalmers, P. N.; Salazar, D. H.; Romeo, A. A.; Keener, J. D.; Yamaguchi, K.; Chamberlain, A. M.	Comparative Utilization of Reverse and Anatomic Total Shoulder Arthroplasty: A Comprehensive Analysis of a High-volume Center	2018	Mixed Population; no relevant outcomes
Chalmers, P. N.; Tashjian, R. Z.; Keener, J. D.; Sefko, J. A.; Da Silva, A.; Morrissey, C.; Presson, A. P.; Zhang, C.; Chamberlain, A. M.	Active physical therapy does not improve outcomes after reverse total shoulder arthroplasty: a multi-center, randomized clinical trial	2023	Mixed Population w/o Stratification
Chalmers, P. N.; Uffman, W.; Christensen, G.; Greis, P.; Aoki, S.; Nelson, R.; Yoo, M.; Tashjian, R. Z.	A single-institution analysis of factors affecting costs in the arthroscopic treatment of glenohumeral instability	2020	irrelevant population: glenohumeral instability
Chambers, M. M.; Castaneda, D. M.; Rivera-Pintado, C.; Gentile, P.; Hunter, K.; Fedorka, C. J.	Mental health disorders and pain modulation in orthopedic shoulder patients	2023	tear type not specified
Chan, J.; Chuang, A.; Kejriwal, R.	Rationalizing routine postoperative blood testing following elective shoulder arthroplasty	2022	irrelevant population: glenohumeral OA or rotator cuff arthropathy
Chang, R. F.; Lee, C. C.; Lo, C. M.	Quantitative diagnosis of rotator cuff tears based on sonographic pattern recognition	2019	irrelevant topic: computer-aided tear classification system
Chang, R.; Tu, T. Y.; Hung, Y. M.; Huang, J. Y.; Chou, M. C.; Wei, J. C.	Metformin use is associated with a lower risk of rotator cuff disease in patients with Type 2 diabetes mellitus	2022	Irrelevant Topic: Risk factors of RC Disease
Chapman, C. G.; Hudspeth, J.; Floyd, S. B.; Carnahan, R.; Thigpen, C. A.; Kissenberth, M. J.	Increased opioid use following rotator cuff repair associated with prior opioid use and surgeon prescription patterns	2020	tear type was unspecified; not a randomized controlled trial
Charles, M. D.; Cvetanovich, G.; Sumner-Parilla, S.; Nicholson, G. P.; Verma, N.; Romeo, A. A.	Outpatient shoulder arthroplasty: outcomes, complications, and readmissions in 2 outpatient settings	2019	no relevant comparisons (outcomes not stratified by intervention); unclear patient population
Charousset, C.; Zaoui, A.; Bellaÿche, L.; Piterman, M.	Does autologous leukocyte-platelet-rich plasma improve tendon healing in arthroscopic repair of large or massive rotator cuff tears?	2014	excluded from previous guideline "Not best available evidence"
Chauvet, T.; Haritnian, E.; Baudin, F.; Collotte, P.; Nove-Josserand, L.	The Invisible MGHL Test: Diagnostic Value and Benefits for the Repair of Retracted Subscapularis Tears	2020	no relevant outcomes

Authors	Article Title	Year	Reason for Exclusion
Chean, C. S.; Raval, P.; Ogollah, R. O.; Hall, A.; Roddy, E.; Foster, N. E.	Accuracy of placement of ultrasound-guided corticosteroid injection for subacromial pain (impingement) syndrome does not influence pain and function: Secondary analysis of a randomised controlled trial	2022	irrelevant comparison between accuracy of injection placement
Checchia, C.; Domos, P.; Grimberg, J.; Kany, J.	Current Options in Tendon Transfers for Irreparable Rotator Cuff Tears	2019	Narrative Review
Checketts, J. X.; Scott, J.; Gordon, J.; Jones, J.; Horn, J.; Farabough, M.; Whitener, J.; Boose, M.; Vassar, M.	An Evaluation of the Rotator Cuff Repair Research Pipeline	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Checketts, J. X.; Steele, R.; Patel, A.; Stephens, J.; Buhrke, K.; Reddy, A.; Stallings, L.; Triplet, J. J.; Chalkin, B.	Clinical and functional outcomes of reverse total shoulder arthroplasty supplemented with latissimus dorsi transfer: a systematic review and meta-analysis	2023	Systematic Review; Bib Review Completed
Cheesman, Q.; DeFrance, M.; Stenson, J.; Weekes, D.; Feldman, J.; Abboud, J.; Austin, L.	The effect of preoperative education on opioid consumption in patients undergoing arthroscopic rotator cuff repair: a prospective, randomized clinical trial-2-year follow-up	2020	not relevant: pre-op opioid education's effect on post-op pain
Chelli, M.; Boileau, P.; Domos, P.; Clavert, P.; Berhouet, J.; Collin, P.; Walch, G.; Favard, L.	Survivorship of Reverse Shoulder Arthroplasty According to Indication, Age and Gender	2022	Mixed Population w/o Stratification: cuff-tear arthropathy (Hamada IV and V), massive and irreparable Rotator cuff tear with pseudoparalysis or previous failed cuff repair, primary osteoarthritis with B2/C glenoid and/or associated cuff tear, and malignant tumors
Chelli, M.; Lo Cunsolo, L.; Gauci, M. O.; Gonzalez, J. F.; Domos, P.; Bronsard, N.; Boileau, P.	Reverse shoulder arthroplasty in patients aged 65 years or younger: a systematic review of the literature	2019	Systematic Review; Bib Review Completed
Chelli, M.; Walch, G.; Azar, M.; Neyton, L.; Levigne, C.; Favard, L.; Boileau, P.	Glenoid lateralization and subscapularis repair are independent predictive factors of improved internal rotation after reverse shoulder arthroplasty	2024	no comparison group; patients had arthropathy so not relevant to PICO 8
Chelly, J. E.; Orebaugh, S. L.; Rodosky, M. W.; Groff, Y. J.; Norton, B. E.; Monroe, A. L.; Alimi, D.; Sadhasivam, S. K.; Vogt, K. M.	The Effect of Cryo-auriculotherapy on Post-Operative Pain Management following Rotator Cuff Surgery: A Randomized, Placebo-Controlled Study	2022	Irrelevant Comparison: Cryo-Auriculotherapy vs. Placebo
Chen, C.; Zuo, J.; Zhang, W.	A Systematic Comparison on Postoperative Analgesia Effect Between Subacromial and Intravenous Analgesia Pumps for Arthroscopic Rotator Cuff Repair	2020	systematic review

Authors	Article Title	Year	Reason for Exclusion
Chen, F. R.; Quan, T.; Pan, S.; Manzi, J. E.; Recarey, M.; Agarwal, A. R.; Nicholson, A.; Zimmer, Z. R.; Gulotta, L.; Dines, J. S.	Anesthesia Type and Postoperative Outcomes for Patients Receiving Arthroscopic Rotator Cuff Repairs	2022	tear type was unspecified
Chen, F.; Deng, Z.; Liu, Y.; Chen, R.; Chen, K.; Xu, J.	Arthroscopic Surgery Versus Nonoperative Treatment for Calcific Tendinitis of the Shoulder: A Retrospective Cohort Study	2024	irrelevant comparison: nonop vs. operative tx for calcific tendinitis
Chen, H. J.; Chuang, H. C.; Xu, G. X.; Chen, C.; Su, W. R.; Huang, C. C.	Wearable Ultrasound Imaging Device for Dynamic Dual-Direction Shear Wave Elastography of Shoulder Muscle	2024	non-diagnostic; no relevant outcomes
Chen, H.; Wu, S.; Qiang, H.; Liu, S.	Effectiveness of abduction brace versus simple sling rehabilitation following rotator cuff repair: systematic review and meta-analyses	2023	systematic review
Chen, J. J.; Ye, Z.; Liang, J. W.; Xu, Y. J.	Arthroscopic repair of partial articular supraspinatus tendon avulsion lesions by conversion to full-thickness tears through a small incision	2020	No comparison group - all patients underwent repair
Chen, J.; Lou, J.; Wang, W.; Xu, G.	Association of Preoperative Vitamin D Deficiency With Retear Rate and Early Pain After Arthroscopic Rotator Cuff Repair: A Retrospective Cohort Study	2022	irrelevant risk factor: Vitamin D Deficiency
Chen, J.; Zheng, Z. Y.; Ren, Y. M.	Separate double-layer repair versus en masse repair for delaminated rotator cuff tears: a systematic review and meta-analysis	2020	systematic review
Chen, K.; Yin, S.; Wang, X.; Lin, Q.; Duan, H.; Zhang, Z.; Chang, Y.; Gu, Y.; Wu, M.; Wu, N.; Liu, C.	Effect of extracorporeal shock wave therapy for rotator cuff tendonitis: A protocol for systematic review and meta-analysis	2020	Study Protocol, no results
Chen, P. C.; Wu, K. T.; Chen, Y. C.; Huang, Y. C.; Chang, C. D.; Lin, W. C.; Chou, W. Y.	Predicting the surgical reparability of large-to-massive rotator cuff tears by B-mode ultrasonography: a cross-sectional study	2022	no reference standard
Chen, Q.; Shen, P.; Zhang, B.; Chen, Y.; Zheng, C.	Treatment outcomes of tendinitis of long head of the biceps brachii tendon by different surgeries based on the concept of enhanced recovery after surgery	2023	Irrelevant population: lhb tendinitis w/ RC tear in some cases
Chen, S.; He, Y.; Wu, D.; Hu, N.; Liang, X.; Jiang, D.; Huang, W.; Chen, H.	Postoperative bone marrow edema lasts no more than 6 months after uncomplicated arthroscopic double-row rotator cuff repair with PEEK anchors	2021	No comparison group
Chen, S.; Lin, S.; Li, M.; Li, S.; Yang, K.	Efficacy of ultrasound-guided subacromial bursa steroid injection for treating shoulder pain in post-stroke hemiparetic patients	2023	irrelevant population: no rotator cuff pathology
Chen, S.; Shi, Y.; Xue, P.; Chen, X.	Application Value of Magnetic Resonance Arthrography of the Shoulder in Nursing and Diagnosis of Patients with Shoulder Joint Injury	2021	Low Quality upon Appraisal - Keeping only Moderates and Highs for PICO 3

Authors	Article Title	Year	Reason for Exclusion
Chen, S.; Yang, D.; Sun, Q.; Guan, Z.; Tan, P.; Zhang, K.; Mao, X.	Effect of pectoralis minor relaxation on the prognosis of rotator cuff injury under arthroscopy	2022	Not a randomized controlled trial; PICO 2 is RCT only update; irrelevant comparison
Chen, X.; Chen, S.; Zhang, F.; Zhu, Y.; Yi, D.; Xu, H.; Tang, J.; Zhang, Q.; Wang, Y.	Ultrasonic shear wave elastography predicts the quality of the residual tendon before the rotator cuff repair	2024	irrelevant topic: tissue stiffness and residual tendon quality score; no relevant outcomes
Chen, X.; Jones, I. A.; Park, C.; Vangsness, C. T., Jr.	The Efficacy of Platelet-Rich Plasma on Tendon and Ligament Healing: A Systematic Review and Meta-analysis With Bias Assessment	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Chen, X.; Jones, I. A.; Togashi, R.; Park, C.; Vangsness, C. T., Jr.	Use of Platelet-Rich Plasma for the Improvement of Pain and Function in Rotator Cuff Tears: A Systematic Review and Meta-analysis With Bias Assessment	2020	Systematic Review; All reviewed articles published b4 previous guideline.
Chen, X.; Wang, Y.; Chen, J.; Zhang, F.; Xu, L.; Yan, X.; Zhu, Y.; Zhang, Q.; Tang, J.	Clinical value of three-dimensional ultrasonography in the morphologic evaluation of rotator cuff tear: a prospective study	2023	No relevant outcomes
Chen, Y. L.; Zhong, Y. T.; Liou, B. N.; Yang, C. C.	Musculoskeletal Disorders Symptoms among Taiwanese Bakery Workers	2020	irrelevant topic: risk factors for MSK disorders
Chen, Y.; Meng, H.; Li, Y.; Zong, H.; Yu, H.; Liu, H.; Lv, S.; Huai, L.	The effect of rehabilitation time on functional recovery after arthroscopic rotator cuff repair: a systematic review and meta-analysis	2024	Systematic Review; Bib Review Completed
Chen, Z.; Zhang, Z.; Jiang, X.; Dan, Y.; Gu, Z.	Effectiveness of arthroscopic "hybrid" suture for delaminated rotator cuff tear: a prospective randomized controlled study	2023	Not in English (only abstract presented in English)
Chenault, P. K.; Peterman, N. J.; Crawford, D. C.; Schmitt, M. W.; Tuttle, J. R.	Factors in total shoulder arthroplasty revision: insights from a national database analysis	2024	unclear patient population: primary diagnoses unavailable
Cheng, C.; Chen, B.; Xu, H.; Zhang, Z.; Xu, W.	Efficacy of concomitant acromioplasty in the treatment of rotator cuff tears: A systematic review and meta-analysis	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Cheow, X.; Yew, A.; Ang, B. F. H.; Lie, D. T. T.	No Difference in Outcome Between Articular-Sided and Bursal-Sided Tears: Comparative Study With Minimum 2-Year Follow-Up of Arthroscopic Repairs in 104 Patients in a Single-Surgeon Series	2021	irrelevant comparison of articular-sided vs. bursal-sided tears
Cheppalli, N. S.; Purudappa, P. P.; Metikala, S.; Goel, A.; Singla, A.; Sambandam, S.	Using Biceps Tendon Autograft as a Patch in the Treatment of Massive Irreparable Rotator Cuff Tears Improves Patient-reported Outcome Scores: A Systematic Review	2023	Systematic Review; Bib Review Completed
Cheppalli, N. S.; Purudappa, P. P.; Metikala, S.; Reddy, K. I.; Singla, A.; Patel, H. A.; Kamineni, S.	Superior Capsular Reconstruction Using the Biceps Tendon in the Treatment of Irreparable Massive Rotator Cuff Tears Improves Patient-Reported Outcome Scores: A Systematic Review	2022	systematic review, bib review complete

Authors	Article Title	Year	Reason for Exclusion
Chetamoni, P. C.; Kumar, B. S.; Naik, V. S.; Naik, V. Y.	EVALUATING THE LONG-TERM FUNCTIONAL OUTCOMES OF NON-OPERATIVE TREATMENT FOR ROTATOR CUFF TEARS: A PROSPECTIVE OBSERVATIONAL STUDY	2023	Non-surgical population and not relevant to PICO 3 or 6
Chiang, C. H.; Ho, W.; Lin, C. H.; Chih, W. H.; Su, W. R.; Hong, C. K.	Modified arthroscopic intra-articular transtendinous looped biceps tenodesis leads to satisfactory functional outcomes and less frequent Popeye deformity compared to biceps tenotomy	2023	Irrelevant population: only 9 patients had RC tears
Chiang, C. H.; Shaw, L.; Chih, W. H.; Yeh, M. L.; Ting, H. H.; Lin, C. H.; Chen, C. P.; Su, W. R.	Modified Superior Capsule Reconstruction Using the Long Head of the Biceps Tendon as Reinforcement to Rotator Cuff Repair Lowers Retear Rate in Large to Massive Repairable Rotator Cuff Tears	2021	irrelevant population: repairable tears; comparison not relevant to any other PICOs
Chiche, L.; Teissier, J.; Gelis, A.; Chammas, M.; Laffont, I.; Coulet, B.	Arthroplasty for weight-bearing shoulders	2022	Small Sample Size: 11 total patients
Child, C.; Scheibel, M.; Wehrli, M.; de Jong, M.; Brune, D.; Endell, D.; Audige, L.	Concordance of shoulder strength assessments using a spring balance and isometric dynamometer in patients before and after arthroscopic rotator cuff repair	2023	No comparison group; inadequate follow-up time (6 months)
Childers, J. T.; Eng, E.; Lin, S.; John, D. Q.; Daji, A. V.; Jackson, G. R.; Sabesan, V. J.	Massive Irreparable Rotator Cuff Tears Treated With a Tuberoplasty Yield Favorable Clinical Outcomes With Variable Rates of Complications: A Systematic Review	2024	Systematic Review; Bib Review Completed
Ching-Wei, H.; Tsai, S. L. H.; Chen, C. H.; Tang, H. C.; Su, C. Y.; Tischler, E. H.; Yang, Y. C.; Chan, Y. S.; Chiu, C. H.; Chen, A. C. Y.	Early versus delayed mobilization for arthroscopic rotator cuff repair (small to large sized tear): a meta-analysis of randomized controlled trials	2023	Systematic Review; Bib Review Completed
Chiu, Y. H.; Chang, K. V.; Chen, I. J.; Wu, W. T.; Ozcakar, L.	Utility of sonoelastography for the evaluation of rotator cuff tendon and pertinent disorders: a systematic review and meta-analysis	2020	systematic review
Cho, C. H.; Bae, K. C.; Kim, D. H.	Incidence and risk factors for early postoperative stiffness after arthroscopic rotator cuff repair in patients without preoperative stiffness	2022	mixed population w/o stratification (partial and full thickness included)
Cho, C. H.; Bae, K. C.; Kim, D. H.	Patients who have undergone rotator cuff repair experience around 75% functional recovery at 6 months after surgery	2021	Mixed Population w/o Stratification: partial and full thickness tears
Cho, C. H.; Song, K. S.; Hwang, I.; Warner, J. J.	Does Rotator Cuff Repair Improve Psychologic Status and Quality of Life in Patients With Rotator Cuff Tear?	2015	Identical Record to AAOS ID 12876
Cho, S. H.; Lee, H. J.; Aldhafian, O. R.; Kim, Y. S.	Comparison of Lateralized Versus Medialized Reverse Total Shoulder Arthroplasty: A Systematic Review and Meta-analysis	2022	systematic review, bib review complete
Cho, S. H.; Park, T.; Kim, Y. S.	The time of postoperative corticosteroid injection can be individualized after arthroscopic rotator cuff repair	2022	irrelevant comparison: timing of post-op corticosteroid injection

Authors	Article Title	Year	Reason for Exclusion
Cho, W. S.; Chung, S. G.; Kim, W.; Jo, C. H.; Lee, S. U.; Lee, S. Y.	Mesenchymal Stem Cells Use in the Treatment of Tendon Disorders: A Systematic Review and Meta-Analysis of Prospective Clinical Studies	2021	Systematic Review; Bib Review Completed
Choate, W. S.; Kwapisz, A.; Momaya, A. M.; Hawkins, R. J.; Tokish, J. M.	Outcomes for subscapularis management techniques in shoulder arthroplasty: a systematic review	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Choi, H. S.; Lee, B. I.; Kim, J. H.; Cho, H. K.; Seo, G. W.	A technique for repairing rotator cuff transtendinous tears with a remnant attached to the footprint	2021	technique review
Choi, H.; Roh, K.; Joo, M.; Hong, S. H.	Continuous suprascapular nerve block compared with single-shot interscalene brachial plexus block for pain control after arthroscopic rotator cuff repair	2020	Irrelevant Comparison: SISNB vs. CSSNB
Choi, M.; Chung, J.	Effects of lower extremity physical activity on shoulder biomechanics and functional recovery in the early phase after arthroscopic rotator cuff repair in male patients: a retrospective study	2023	no relevant risk factors
Choi, S.; Kim, K. H.	Acupuncture for symptomatic rotator cuff disease: Protocol for a systematic review and meta-analysis	2020	Study Protocol, no results
Choi, S.; Kim, T.; Kwon, Y. S.; Kang, H.	Intra-operative effect of interscalene brachial plexus block to arthroscopic rotator cuff repair surgery	2019	Irrelevant Population; irrelevant comparison (see extended note)
Chou, C. T.; Hu, W.; Wen, C. S.; Wang, S. F.; Lieu, F. K.; Teng, J. T.	Efficacy of informed versus uninformed physiotherapy on postoperative retear rates of medium-sized and large rotator cuff tears	2015	Duplicate AAOS ID to 15128 (which was already included and extracted)
Chou, C. T.; Hu, W.; Wen, C. S.; Wang, S. F.; Lieu, F. K.; Teng, J. T.	Efficacy of informed versus uninformed physiotherapy on postoperative retear rates of medium-sized and large rotator cuff tears	2015	Doesn't address intervention of interest
Chourasiya, S.; Mishra, S.; Meher, B.; Khatri, P.; Pathak, A.; Nigwal, V.; Tandon, S.	Analysis of Magnetic Resonance Imaging and Arthroscopic Findings in Diagnosing Shoulder Pathologies	2023	Low Quality upon Appraisal - Keeping only Moderates and Highs for PICO 3
Christian, R. A.; Gibbs, D. B.; Nicolay, R. W.; Selley, R. S.; Saltzman, M. D.	Risk factors for admission after shoulder arthroscopy	2019	Mixed Population w/o Stratification: distal claviclectomy, capsulorrhaphy, SLAP lesion repair, Rotator cuff repair, and others
Christian, R. A.; Stabile, K. J.; Gupta, A. K.; Leckey, B. D., Jr.; Cardona, D. M.; Nowinski, R. J.; Kelly, J. D., 2nd; Toth, A. P.	Histologic Analysis of Porcine Dermal Graft Augmentation in Treatment of Rotator Cuff Tears	2021	irrelevant topic: histological analysis of biopsies
Christiansen, D. H.; Frost, P.; Falla, D.; Haahr, J. P.; Frich, L. H.; Andrea, L. C.; Svendsen, S. W.	Effectiveness of Standardized Physical Therapy Exercises for Patients With Difficulty Returning to Usual Activities After Decompression Surgery for Subacromial Impingement Syndrome: Randomized Controlled Trial	2016	Irrelevant Population: Subacromial Impingement Syndrome

Authors	Article Title	Year	Reason for Exclusion
Christiansen, D. H.; Hjort, J.	Group-based exercise, individually supervised exercise and home-based exercise have similar clinical effects and cost-effectiveness in people with subacromial pain: a randomised trial	2021	Mixed population; Rotator cuff repair excluded.
Chu, P. C.; Chang, C. H.; Lin, C. P.; Wu, W. T.; Chen, L. R.; Chang, K. V.; Ozcakar, L.	The impact of shoulder pathologies on job discontinuation and return to work: a pilot ultrasonographic investigation	2023	irrelevant population: no rotator cuff tears; irrelevant topic
Chua, A. X. Y.; Hackett, L. M.; Lam, P. H.; Murrell, G. A. C.	The fate of sutures post rotator cuff repair	2021	no comparison group; mixed population of full and partial thickness tears
Chua, Y. L.; Lam, P. H.; Murrell, G. A. C.	Lateralized Versus Nonlateralized Reverse Shoulder Arthroplasty: Impact on Clinical and Functional Outcomes	2020	follow-up < 1 yr
Chuang, H. C.; Hong, C. K.; Hsu, K. L.; Kuan, F. C.; Lin, C. L.; Su, W. R.	The radiographic morphology of the greater tuberosity is associated with muscle degeneration in patients with symptomatic rotator cuff tears	2019	no relevant outcomes
Chung, S. W.; Oh, K. S.; Kang, S. J.; Yoon, J. P.; Kim, J. Y.	Clinical Outcomes of Arthroscopic Rotator Cuff Repair Using Poly Lactic-co-glycolic Acid Plus beta-tricalcium Phosphate Biocomposite Suture Anchors	2018	comparison of brands with same poly lactic-co-glycolic acid plus beta-tricalcium phosphate biocomposite makeup
Ciccone, W. J., 2nd; Busey, T. D.; Weinstein, D. M.; Walden, D. L.; Elias, J. J.	Assessment of pain relief provided by interscalene regional block and infusion pump after arthroscopic shoulder surgery	2008	Irrelevant Comparison: Interscalene regional block vs. infusion pump with 0.5% bupivacaine vs. interscalene block combined with an infusion pump containing 0.5% bupivacaine vs. interscalene block combined with an infusion pump containing 0.9% saline solution.
Ciccotti, M.; Horan, M. P.; Nolte, P. C.; Elrick, B. P.; Millett, P. J.	Outcomes After Arthroscopic Rotator Cuff Repair Using Margin Convergence Versus Superior Capsular Reconstruction: Should Candidates for Margin Convergence Be Treated With Superior Capsular Reconstruction?	2021	mixed population: RCR for reparable tears vs. SCR for irreparable tears
Cimino, A. M.; Veazey, G. C.; McMurtrie, J. T.; Isbell, J.; Arguello, A. M.; Brabston, E. W.; Ponce, B. A.; Momaya, A. M.	Corticosteroid Injections May Increase Retear and Revision Rates of Rotator Cuff Repair: A Systematic Review	2020	systematic review
Cinone, N.; Letizia, S.; Santoro, L.; Gravina, M.; Amoruso, L.; Molteni, F.; Ranieri, M.; Santamato, A.	Intra-articular injection of botulinum toxin type A for shoulder pain in glenohumeral osteoarthritis: a case series summary and review of the literature	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Cipollaro, L.; Sahemey, R.; Oliva, F.; Maffulli, N.	Immunohistochemical features of rotator cuff tendinopathy	2019	Systematic Review; Bib Review Completed

Authors	Article Title	Year	Reason for Exclusion
Cipolletta, E.; Mashadi Mirza, R.; Di Matteo, A.; Di Carlo, M.; Grassi, W.; Filippucci, E.	Clinical efficacy of ultrasound-guided hyaluronic acid injections in patients with supraspinatus tendon tear	2021	no comparison group
Clark, N. J.; Samuelsen, B. T.; Alentorn-Geli, E.; Assenmacher, A. T.; Cofield, R. H.; Sperling, J. W.; Sanchez-Sotelo, J.	Primary reverse shoulder arthroplasty in patients older than 80 years of age: survival and outcomes	2019	No comparison group; mixed population
Clausen, M. B.; Merrild, M. B.; Holm, K.; Pedersen, M. W.; Andersen, L. L.; Zebis, M. K.; Jakobsen, T. L.; Thorborg, K.	Less than half of patients in secondary care adheres to clinical guidelines for subacromial pain syndrome and have acceptable symptoms after treatment: A Danish nationwide cohort study of 3306 patients	2021	Not relevant to PICO's (see extended note).
Clausen, M. B.; Merrild, M. B.; Witten, A.; Christensen, K. B.; Zebis, M. K.; Holmich, P.; Thorborg, K.	Conservative treatment for patients with subacromial impingement: Changes in clinical core outcomes and their relation to specific rehabilitation parameters	2018	No comparison group
Clausen, M. B.; Nielsen, M. F.; Merrild, M. B.; Holmich, P.; Thorborg, K.	High incidence of lost workdays in patients with subacromial impingement syndrome	2021	irrelevant topic: incidence of lost work due to SIS
Clausen, M. B.; Witten, A.; Christensen, K. B.; Zebis, M. K.; Foverskov, M.; Cools, A.; Holmich, P.; Thorborg, K.	Assessing shoulder disability in orthopaedic specialist care: Introducing the Copenhagen Shoulder Abduction Rating (C-SAR)	2022	Sample Size too Small, <20 pts
Clavert, P.; Arndt, J.; Daemgen, F.; Kempf, J. F.	Long-term outcomes of latissimus dorsi transfer for irreparable rotator cuff tears	2020	Small Sample Size: 14 Total Patients
Clavert, P.; Jouanlanne, M.; Koch, G.	Validation of the inter-individual variability of the lateral offset of the acromion	2019	Not a human subject study
Clendenen, SR; Rajendran, S; Kopacz, DJ; Greengrass, RA; Robards, CB; Weinstein, DM; Brodersen, MP; Ortiguera, CJ; Crook, Julie; Logvinov, Ilana I	Pregabalin as an adjunct to a multimodal analgesic regimen to achieve opioid sparing in arthroscopic rotator cuff repair	2010	Irrelevant comparison: pregabalin vs. placebo
Clewley, D.; Iftikhar, Y.; Horn, M. E.; Rhon, D. I.	Do the Number of Visits and the Cost of Musculoskeletal Care Improve Outcomes? More May Not Be Better	2020	cost analysis; irrelevant risk factors
Clifford, C.; Challoumas, D.; Paul, L.; Syme, G.; Millar, N. L.	Effectiveness of isometric exercise in the management of tendinopathy: a systematic review and meta-analysis of randomised trials	2020	systematic review, bib review complete
Cline, J.; Falkner, D.; Brolin, T.; Smith, R.; Azar, F.; Throckmorton, T.	Patient-Related Risk Factors Predict Outcomes After Arthroscopic Rotator Cuff Repair	2024	Very Low Quality on Quality Appraisal

Authors	Article Title	Year	Reason for Exclusion
Clouette, J.; Leroux, T.; Shanmugaraj, A.; Khan, M.; Gohal, C.; Veillette, C.; Henry, P.; Paul, R. A.	The lower trapezius transfer: a systematic review of biomechanical data, techniques, and clinical outcomes	2020	systematic review
Coban, T.; Demirdel, E.; Yildirim, N. U.; Deveci, A.	The investigation of acute effects of fascial release technique in patients with arthroscopic rotator cuff repair: A randomized controlled trial	2022	irrelevant comparison: conventional therapy + fascial release vs. conventional therapy
Cobb, T. E.; Dimock, R. A. C.; Memon, S. D.; Consigliere, P.; Ajami, S.; Imam, M.; Narvani, A. A.	Rotator Cuff Repair With Patch Augmentation: What Do We Know?	2022	Systematic Review
Codispoti, G.; Carniato, M.; Brogini, S.; Romanelli, A.; Martini, L.; Giavaresi, G.; Tschon, M.	Decellularized biological matrices for the repair of rotator cuff lesions: a systematic review of preclinical in vivo studies	2024	Systematic Review of Animal Studies
Coghlan, J. A.; Forbes, A.; McKenzie, D.; Bell, S. N.; Buchbinder, R.	Efficacy of subacromial ropivacaine infusion for rotator cuff surgery. A randomized trial	2009	opioid use is an outcome, not a comparison
Cohn, M. R.; Kunze, K. N.; Polce, E. M.; Nemsick, M.; Garrigues, G. E.; Forsythe, B.; Nicholson, G. P.; Cole, B. J.; Verma, N. N.	Establishing clinically significant outcome thresholds for the Single Assessment Numeric Evaluation 2 years following total shoulder arthroplasty	2021	Irrelevant population: Majority of patients did not have RC tears
Cointat, C.; Raynier, J. L.; Vasseur, H.; Lareyre, F.; Raffort, J.; Gauci, M. O.; Boileau, P.	Short-term outcomes and survival of pyrocarbon hemiarthroplasty in the young arthritic shoulder	2022	Irrelevant population: glenohumeral OA; cuff pathology excluded; no comparison group
Colak, C.; Bullen, J. A.; Entezari, V.; Forney, M.; Ilaslan, H.	Magnetic resonance imaging of deltoid muscle/tendon tears: a descriptive study	2021	no relevant outcomes; no reference test
Colasanti, C. A.; Fried, J. W.; Hurley, E. T.; Anil, U.; Matache, B. A.; Gonzalez-Lomas, G.; Strauss, E. J.; Jazrawi, L. M.	Transosseous-Equivalent/Suture Bridge Arthroscopic Rotator Cuff Repair in Combination With Late Postoperative Mobilization Yield Optimal Outcomes and Retear Rate: A Network Meta-analysis of Randomized Controlled Trials	2022	systematic review
Colasanti, C. A.; Lin, C. C.; Anil, U.; Simovitch, R. W.; Virk, M. S.; Zuckerman, J. D.	Impact of mental health on outcomes after total shoulder arthroplasty	2023	Mixed Population w/o Stratification; Tear Type Unspecified (see extended note)
Colbath, G.; Murray, A.; Siatkowski, S.; Pate, T.; Krussig, M.; Pill, S.; Hawkins, R.; Tokish, J.; Mercuri, J.	Autograft Long Head Biceps Tendon Can Be Used as a Scaffold for Biologically Augmenting Rotator Cuff Repairs	2022	Not a human study

Authors	Article Title	Year	Reason for Exclusion
Collin, P.; Betz, M.; Herve, A.; Walch, G.; Mansat, P.; Favard, L.; Colmar, M.; Francois Kempf, J.; Thomazeau, H.; Gerber, C.	Clinical and structural outcome 20 years after repair of massive rotator cuff tears	2020	No comparison group
Collin, P.; Liu, X.; Denard, P. J.; Gain, S.; Nowak, A.; Ladermann, A.	Standard versus bony increased-offset reverse shoulder arthroplasty: a retrospective comparative cohort study	2018	mixed population w/o stratification
Collin, P.; Martinho, T.; Denard, P. J.; Gain, S.; Pernoud, A.; Bothorel, H.; Ladermann, A.	Are Lower Passive Anterior Elevation and External Rotation at 6 Weeks Postoperatively Associated With Healing of Isolated Arthroscopic Supraspinatus Repairs?	2024	<1 year for relevant surgical outcomes
Collin, P.; Nabergoj, M.; Denard, P. J.; Wang, S.; Bothorel, H.; Ladermann, A.	Arthroscopic Biceps Transfer to the Glenoid With Bankart Repair Grants Satisfactory 2-Year Results for Recurrent Anteroinferior Glenohumeral Instability in Subcritical Bone Loss	2022	no comparison group; irrelevant population
Collin, P.; Rol, M.; Muniandy, M.; Gain, S.; Ladermann, A.; Ode, G.	Relationship between postoperative integrity of subscapularis tendon and functional outcome in reverse shoulder arthroplasty	2022	no comparison group; mixed population including OA
Colosio, A.; Bergomi, A.; Pratobevera, A.; Paderno, M.; Saccomanno, M. F.; Milano, G.	Combined Biologic Augmentation Strategies with Collagen Patch Graft, Microfractures, and Platelet Concentrate Injections Improve Functional and Structural Outcomes of Arthroscopic Revision Rotator Cuff Repair	2023	Irrelevant population: irreparable tears excluded
Combs, B.; Fazeli, P. L.; Brown, D. A.; Gallagher, S.; Jones, A.; Romeo, B.; Heaton, K.	Description of the Nature of Musculoskeletal Shoulder Injuries in a Cohort of Commercial Truck Drivers: A Retrospective Cross-Sectional Study	2021	irrelevant topic: describing shoulder injuries in truck drivers
Como, C. J.; Hughes, J. D.; Lesniak, B. P.; Lin, A.	Critical shoulder angle does not influence retear rate after arthroscopic rotator cuff repair	2021	Irrelevant comparison: retear vs. non-retear group
Compagnoni, R.; Gualtierotti, R.; Luceri, F.; Sciancalepore, F.; Randelli, P. S.	Fibromyalgia and shoulder surgery: A systematic review and a critical appraisal of the literature	2019	Systematic review; bib review complete
Compagnoni, R.; Menon, A.; Radaelli, S.; Lanzani, F.; Gallazzi, M. B.; Tassi, A.; Randelli, P. S.	Long-term evolution of calcific tendinitis of the rotator cuff: clinical and radiological evaluation 10 years after diagnosis	2021	Less than 10 patients in relevant comparison groups
Compagnoni, R.; Stoppani, C.; Menon, A.; Cosmelli, N.; Fossati, C.; Ranuccio, F.; Randelli, P.	Management of Acromioclavicular Osteoarthritis in Rotator Cuff Tears: A Scoping Review	2019	Systematic Review; All reviewed articles published b4 previous guideline.

Authors	Article Title	Year	Reason for Exclusion
Compagnoni, R.; Suffritti, C.; Fossati, C.; Zanini, B.; Gerace, F.; Menon, A.; Randelli, P. S.; Gualtierotti, R.	Exploring the prevalence and clinical impact of fibromyalgia syndrome in patients with shoulder diseases: a cross-sectional study	2023	irrelevant topic: prevalence of fibromyalgia and shoulder disease
Conboy, V.; Edwards, C.; Ainsworth, R.; Natusch, D.; Burcham, C.; Danishment, B.; Khot, S.; Seymour, R.; Larcombe, S. J.; Tracey, I.; Kolasinski, J.	Chronic musculoskeletal impairment is associated with alterations in brain regions responsible for the production and perception of movement	2021	irrelevant topic; Irrelevant comparison: control participants unaffected by massive irreparable RC tears
Condrón, N. B.; Kaiser, J. T.; Damodar, D.; Wagner, K. R.; Evuarherhe, A., Jr.; Farley, T.; Cole, B. J.	Rotator Cuff Repair in the Pediatric Population Displays Favorable Outcomes: A Systematic Review	2022	systematic review, bib review complete
Conforti, M.	Combination of laser needling and hyaluronic acid infiltration treatments for rotator cuff calcific tendinopathies	2021	irrelevant comparison: laser needling + HA vs. percutaneous needle aspiration + laser needling + HA
Connor, D. E.; Paulus, J. A.; Dabestani, P. J.; Thankam, F. K.; Dilisio, M. F.; Gross, R. M.; Agrawal, D. K.	Therapeutic potential of exosomes in rotator cuff tendon healing	2019	systematic review
Consigliere, P.; Haddo, O.; Levy, O.; Sforza, G.	Subacromial impingement syndrome: management challenges	2018	Systematic Review; Bib Review Completed
Consigliere, P.; Witney-Lagen, C.; Natera, L.; Sforza, G.; Bruguera, J.; Abraham, R.; Atoun, E.; Levy, O.	Outcome of a metaphyseal reverse total shoulder replacement in rheumatoid arthritis	2022	irrelevant population: rheumatoid arthritis
Constantinescu, D. S.; Campbell, M. P.; Moatshe, G.; Vap, A. R.	Effects of Perioperative Nonsteroidal Anti-inflammatory Drug Administration on Soft Tissue Healing: A Systematic Review of Clinical Outcomes After Sports Medicine Orthopaedic Surgery Procedures	2019	Systematic Review; Bib Review Completed
Conte da Silva, A.; Aily, J. B.; Mattiello, S. M.	Ischemic compression associated with joint mobilization does not promote additional clinical effects in individuals with rotator cuff related shoulder pain: A randomized clinical trial	2023	Non-surgical population and not relevant to PICO 3 or 6

Authors	Article Title	Year	Reason for Exclusion
Cook, J. A.; Baldwin, M.; Cooper, C.; Nagra, N. S.; Crocker, J. C.; Glaze, M.; Greenall, G.; Rangan, A.; Kottam, L.; Rees, J. L.; Farrar-Hockley, D.; Merritt, N.; Hopewell, S.; Beard, D.; Thomas, M.; Dritsaki, M.; Carr, A. J.	Patch augmentation surgery for rotator cuff repair: the PARCS mixed-methods feasibility study	2021	systematic review, bib review complete
Cook, T.; Lewis, J.	Rotator Cuff-Related Shoulder Pain: To Inject or Not to Inject?	2019	Narrative Review
Cook, T.; Minns Lowe, C.; Maybury, M.; Lewis, J. S.	Are corticosteroid injections more beneficial than anaesthetic injections alone in the management of rotator cuff-related shoulder pain? A systematic review	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Coombes, B. K.; Bisset, L.; Vicenzino, B.	Efficacy and safety of corticosteroid injections and other injections for management of tendinopathy: A systematic review of randomised controlled trials	2010	Paper published before 2017 guideline last search date; systematic review
Cooper, B. J.; Kesinger, A.; Welch, G. E.; Carroll, J. M.; Lutz, A.; Shanley, E.; Thigpen, C. A.; Tolan, S. J.; Kissenberth, M. J.; Pill, S. G.	Judicious use of corticosteroid injections prior to shoulder arthroplasty does not compromise outcomes at a minimum of 2 years following surgery	2024	irrelevant comparison: pre-op (up to 1 year) injection vs. no injection
Cooper, K.; Alexander, L.; Brandie, D.; Brown, V. T.; Greig, L.; Harrison, I.; MacLean, C.; Mitchell, L.; Morrissey, D.; Moss, R. A.; Parkinson, E.; Pavlova, A. V.; Shim, J.; Swinton, P. A.	Exercise therapy for tendinopathy: a mixed-methods evidence synthesis exploring feasibility, acceptability and effectiveness	2023	Scoping Review
Coory, J. A.; Parr, A. F.; Wilkinson, M. P.; Gupta, A.	Efficacy of suprascapular nerve block compared with subacromial injection: a randomized controlled trial in patients with rotator cuff tears	2019	both groups received the same injection of ropivacaine and betamethasone
Corona, K.; Cerciello, S.; Ciolfi, G.; Proietti, L.; D'Ambrosi, R.; Braile, A.; Toro, G.; Romano, A. M.; Ascione, F.	Clinical Outcomes and Joint Stability after Lateralized Reverse Total Shoulder Arthroplasty with and without Subscapularis Repair: A Meta-Analysis	2021	systematic review
Coronado, R. A.; Seitz, A. L.; Pelote, E.; Archer, K. R.; Jain, N. B.	Are Psychosocial Factors Associated With Patient- reported Outcome Measures in Patients With Rotator Cuff Tears? A Systematic Review	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Corrado, B.; Bonini, I.; Chirico, V. A.; Filippini, E.; Liguori, L.; Magliulo, G.; Mazzuocolo, G.; Rosano, N.; Gisonni, P.	Ultrasound-guided collagen injections in the treatment of supraspinatus tendinopathy: a case series pilot study	2020	Small sample size: 18 total patients

Authors	Article Title	Year	Reason for Exclusion
Correia, F. D.; Molinos, M.; Luis, S.; Carvalho, D.; Carvalho, C.; Costa, P.; Seabra, R.; Francisco, G.; Bento, V.; Lains, J.	Digitally Assisted Versus Conventional Home-Based Rehabilitation After Arthroscopic Rotator Cuff Repair: A Randomized Controlled Trial	2022	Irrelevant Comparison: Partial Supervision and Digital App vs. Full Supervision, confounding
Cortes, A.; Quinlan, N. J.; Nazal, M. R.; Upadhyaya, S.; Alpaugh, K.; Martin, S. D.	A value-based care analysis of magnetic resonance imaging in patients with suspected rotator cuff tendinopathy and the implicated role of conservative management	2019	Cost Analysis; irrelevant comparison; conservative to surgical vs conservative treatment
Coscia, A. C.; Matar, R. N.; Espinal, E. E.; Shah, N. S.; Grawe, B. M.	Does preoperative diagnosis impact patient outcomes following reverse total shoulder arthroplasty? A systematic review	2021	systematic review
Coughlin, R. P.; Bullock, G. S.; Shanmugaraj, A.; Sell, T. C.; Garrigues, G. E.; Ledbetter, L.; Taylor, D. C.	Outcomes After Arthroscopic Rotator Interval Closure for Shoulder Instability: A Systematic Review	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Coulet, B.; Teissier, J.; Fattal, C.; Taieb, L.; Gelis, A.	Weight-bearing shoulder and rotator cuff tear	2022	systematic review
Courage, O.; van Rooij, F.; Saffarini, M.	Ultrasound is more reliable than clinical tests to both confirm and rule out pathologies of the long head of the biceps: a systematic review and meta-analysis	2023	Systematic Review
Cowling, P.; Hackney, R.; Dube, B.; Grainger, A. J.; Biglands, J. D.; Stanley, M.; Song, D.; Conaghan, P. G.; Kingsbury, S. R.	The use of a synthetic shoulder patch for large and massive rotator cuff tears - a feasibility study	2020	irrelevant comparison; This article compares a group who received patch-assisted surgery (n=29) vs. a non-patch control group (n=39). The non-patch group consisted of patients who received physiotherapy/repair/debridement, and does not stratify results by the different interventions in the non-patch group. Additionally, follow-up period was 6 months and the standard inclusion criteria calls for 1 year follow-up for surgical interventions.
Cox, J. L.; Laughlin, M. S.; Elkousy, H. A.; Baker, H. M.; Badman, B. L.; Ziegler, D. W.; Buford, D. A.; Kruse, K. K.	Determination of rotator cuff tear reparability: an ultrasound-based investigation	2023	diagnosis of reparability of tear, not diagnosis of tear
Cox, R. M.; Padegimas, E. M.; Abboud, J. A.; Getz, C. L.; Lazarus, M. D.; Ramsey, M. L.; Williams, G. R., Jr.; Horneff, J. G., 3rd	Outcomes of an anatomic total shoulder arthroplasty with a contralateral reverse total shoulder arthroplasty	2018	Irrelevant population: 0 patients in the TSA group had RC tear and 13 in the RSA group had RC tears. The majority of patients in the TSA group had OA (n=17).

Authors	Article Title	Year	Reason for Exclusion
Craig, R. S.; Goodier, H.; Singh, J. A.; Hopewell, S.; Rees, J. L.	Shoulder replacement surgery for osteoarthritis and rotator cuff tear arthropathy	2020	systematic review, bib review complete
Craig, R. S.; Lane, J. C. E.; Carr, A. J.; Furniss, D.; Collins, G. S.; Rees, J. L.	Serious adverse events and lifetime risk of reoperation after elective shoulder replacement: Population based cohort study using hospital episode statistics for England	2019	mixed population w/o stratification (OA, RCA, osteonecrosis)
Crawford, A. M.; Striano, B. M.; Gong, J.; Simpson, A. K.; Schoenfeld, A. J.	Does the Stopping Opioids After Surgery Score Perform Well Among Racial and Socioeconomic Subgroups?	2023	Tear type unspecified; multiple irrelevant procedures without stratification
Cregar, W. M.; Beletsky, A.; Cvetanovich, G. L.; Feeley, B. T.; Nicholson, G. P.; Verma, N. N.	Cost-effectiveness analyses in shoulder arthroplasty: a critical review using the Quality of Health Economic Studies (QHES) instrument	2021	systematic review
Crijns, T. J.; Ring, D.; Valencia, V.	Factors Associated With the Cost of Care for the Most Common Atraumatic Painful Upper Extremity Conditions	2019	factors associated with costs; no numbers provided
Cromhecke, M.; Garret, J.; Deranlot, J.; Bonneville, N.; Gaudin, S.; Ladermann, A.; Nourissat, G.	Low healing rates and moderate functional outcome after arthroscopic superior capsular reconstruction using a porcine xenograft	2022	No comparison group- all patients underwent SCR
Cronin, K. J.; Mair, S. D.; Hawk, G. S.; Thompson, K. L.; Hettrich, C. M.; Jacobs, C. A.	Increased Health Care Costs and Opioid Use in Patients with Anxiety and Depression Undergoing Rotator Cuff Repair	2020	cost analysis; tear type was unspecified
Cruciani, M.; Franchini, M.; Mengoli, C.; Marano, G.; Pati, I.; Masiello, F.; Profili, S.; Veropalumbo, E.; Pupella, S.; Vaglio, S.; Liunbruno, G. M.	Platelet-rich plasma for sports-related muscle, tendon and ligament injuries: An umbrella review	2019	Umbrella review: review of systematic reviews
Crutsen, J. R. W.; Lambers Heerspink, F. O.; van Leent, E. A. P.; Janssen, E. R. C.	Predictive factors for postoperative outcomes after reverse shoulder arthroplasty: a systematic review	2024	Systematic Review; Bib Review Completed
Cucchi, D.; Menon, A.; Feroldi, F. M.; Boerci, L.; Randelli, P. S.	The presence of gastroesophageal reflux disease increases the risk of developing postoperative shoulder stiffness after arthroscopic rotator cuff repair	2020	Tear type was unspecified
Cucchi, D.; Menon, A.; Maggi, S.; Feroldi, F. M.; De Silvestri, A.; Friedrich, M. J.; Wimmer, M. D.; Randelli, P. S.	Treatment of partial rotator cuff lesions is associated with a higher frequency of post-operative shoulder stiffness. A prospective investigation on the role of surgery-related risk factors for this complication	2022	No Relevant Risk Factors: previous surgery, RC tear characteristics, hardware and repair type, concomitant procedures, time and duration of surgery; mixed population without stratification: partial and full-thickness tears

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Cueto, R. J.; Hao, K. A.; O'Keefe, D. S.; Mallat, M. A.; Hones, K. M.; Turnbull, L. M.; Wright, J. O.; Soberon, J.; Schoch, B. S.; King, J. J.	Clinical outcomes of over-the-top subscapularis repair in reverse shoulder arthroplasty	2024	Mixed population w/o stratification: degenerative joint disease, inflammatory arthritis, cuff tear arthropathy and massive RCT
Cuff, D. J.; Simon, P.; Patel, J. S.; Munassi, S. D.	Anatomic shoulder arthroplasty with high side reaming versus reverse shoulder arthroplasty for eccentric glenoid wear patterns with an intact rotator cuff: comparing early versus midterm outcomes with minimum 7 years of follow-up	2023	irrelevant population: glenoid loss w/ intact RC
Culebras, X.; Van Gessel, E.; Hoffmeyer, P.; Gamulin, Z.	Clonidine combined with a long acting local anesthetic does not prolong postoperative analgesia after brachial plexus block but does induce hemodynamic changes	2001	Irrelevant Comparison: Local anesthetic solution mixed with saline, completed by saline injected IM in contralateral shoulder vs. Local anesthetic solution mixed with saline, completed by clonidine injected IM in contralateral shoulder vs. local anesthetic mixed with clonidine, completed by saline injected IM in contralateral shoulder. Note: Clonidine is not an opioid. Opioid use (morphine) measured as an outcome.
Cunningham, D. J.; George, S. Z.; Lewis, B. D.	The Impact of State Level Public Policy, Prescriber Education, and Patient Factors on Opioid Prescribing in Elective Orthopedic Surgery: Findings From a Tertiary, Academic Setting	2021	irrelevant topic: policy's effect on postop opioid prescription; tear type was unspecified
Cunningham, J. G.; Ebert, J. R.; Campbell, P.; Falconer, T.	Does subscapularis integrity influence outcome following latissimus dorsi tendon transfer for irreparable cuff tears? A comparative series of 48 patients	2022	No relevant comparison
Cupler, Z. A.; Alrwaily, M.; Polakowski, E.; Mathers, K. S.; Schneider, M. J.	Taping for conditions of the musculoskeletal system: An evidence map review	2020	Systematic review; bib review complete
Curry, E. J.; Logan, C.; Suslavich, K.; Whitlock, K.; Berkson, E.; Matzkin, E.	Factors impacting arthroscopic rotator cuff repair operational throughput time at an ambulatory care center	2018	irrelevant topic: factors impacting operating time; no relevant outcomes
Curry, E. J.; Penrose, I. R.; Knapp, B.; Parisien, R. L.; Li, X.	National disparities in access to physical therapy after rotator cuff repair between patients with Medicaid vs. private health insurance	2021	irrelevant topic: disparities in access to PT; no cost analysis performed
Curti, S.; Mattioli, S.; Violante, F. S.	Shoulder Tendinopathies and Occupational Biomechanical Overload: A Critical Appraisal of Available Evidence	2023	systematic review

Authors	Article Title	Year	Reason for Exclusion
Curtis, D. M.; Bradley, A. T.; Lin, Y.; Baker, H. P.; Shi, L. L.; Strelzow, J. A.; Athiviraham, A.	National Trends Show Declining Use of Arthroscopic Subacromial Decompression Without Rotator Cuff Repair	2021	irrelevant topic: trends in subacromial decompression w/o RCR
Cusano, A.; Kanski, G.; Uyeki, C.; Adams, K.; Cote, M. P.; Muench, L. N.; Connors, J. P.; Garvin, P.; Messina, J. C.; Berthold, D. P.; Kissenberth, M. J.; Mazzocca, A. D.	Outcomes of reverse shoulder arthroplasty following failed superior capsular reconstruction	2022	Irrelevant Comparison: comparison was between whether the failed surgery was Rotator cuff repair vs. superior capsular reconstruction, but outcomes were recorded after the RSA.
Custodio, G. A. P.; Terroni, E. C.; Martins, J.; Gobatto, C. F.; Oliveira, A. S.	Intra- and interrater reliability of belt-stabilized hand-held dynamometer in scapular protraction strength tests in individuals with shoulder pain	2023	irrelevant topic: reliability of dynamometer; no relevant outcomes
Cutler, H. S.; DeClercq, J.; Ayers, G. D.; Serbin, P.; Jain, N.; Khazzam, M.	Risk of Revision Shoulder Arthroplasty After Anatomic and Reverse Total Shoulder Arthroplasty	2023	Mixed Population w/o Stratification: osteoarthritis, cuff tear, acute fracture, malunion
Cvetanovich, G. L.; Gowd, A. K.; Frantz, T. L.; Erickson, B. J.; Romeo, A. A.	Superior Labral Anterior Posterior Repair and Biceps Tenodesis Surgery: Trends of the American Board of Orthopaedic Surgery Database	2020	irrelevant topic: practice trends for SLAP lesions treatment
Cvetanovich, G. L.; Savin, D. D.; Frank, R. M.; Gowd, A. K.; Sumner, S. A.; Romeo, A. A.; Nicholson, G. P.	Inferior outcomes and higher complication rates after shoulder arthroplasty in workers' compensation patients	2019	Mixed Population w/o Stratification: OA, RCT/RCA, AVN, RA, Instability and PHFx
D'Ambrosi, R.; Ragone, V.; Comaschi, G.; Usielli, F. G.; Ursino, N.	Retears and complication rates after arthroscopic rotator cuff repair with scaffolds: a systematic review	2019	systematic review
D'Ambrosio, M. M.; Klein, D. S.; Feldman, J. J.	Superior capsular reconstruction-Where we are now?	2021	Systematic Review
D'Antonio, N. D.; Lambrechts, M. J.; Levy, H. A.; Karamian, B. A.; Yalla, G. R.; Bodnar, J. G.; Canseco, J. A.; Woods, B. I.; Kaye, D.; Hilibrand, A. S.; Kepler, C. K.; Vaccaro, A. R.; Schroeder, G. D.	Patients with Dual Shoulder-Spine Disease: Does Operative Order Affect Clinical Outcomes?	2022	irrelevant topic: operative order affecting clinical outcomes
D'Elia, G.; Meoni, B.; Paci, M.; Parretti, F.; Roselli, G.; Bartolini, M.; Miele, V.	Physiotherapy after ultrasound-guided percutaneous irrigation in rotator cuff calcific tendinopathy	2021	irrelevant comparison: PT vs. no PT following injection (non-surgical population; same injection)
Dabija, D. I.; Jain, N. B.	Minimal Clinically Important Difference of Shoulder Outcome Measures and Diagnoses: A Systematic Review	2019	systematic review
Daher, M.; Ghoul, A.; Fares, M. Y.; Abboud, J.; El Hassan, B.	Subscapular sparing approach for total shoulder arthroplasty: a systematic review and meta-analysis of comparative studies	2023	Systematic Review; Bib Review Completed

Authors	Article Title	Year	Reason for Exclusion
Daher, M.; Koa, J.; Boufadel, P.; Singh, J.; Fares, M. Y.; Abboud, J. A.	Breaking barriers: can ChatGPT compete with a shoulder and elbow specialist in diagnosis and management?	2023	small sample size: n= 12 for rotator cuff
Daher, M.; Pearl, A.; Zalaquett, Z.; Elhassan, B. T.; Abboud, J. A.; Fares, M. Y.; Saleh, K. J.	InSpace Balloon for the Management of Massive Irreparable Rotator Cuff Tears: A Systematic Review and Meta-Analysis	2023	Systematic Review; Bib Review Completed
Dai, F.; He, Y.; Wang, J.; Fan, Z.; Jiang, Z.; Jiang, H.	Retrospective analysis of shoulder debridement and partial and complete repair in the treatment of shoulder cuff tear	2021	letter to the editor
Dai, X.; Yuan, M.; Dang, M.; Liu, D.; Fei, W.	Development and Validation of a Predictive Model for Chronic Postsurgical Pain After Arthroscopic Rotator Cuff Repair: A Prospective Cohort Study	2023	Mixed Population w/o Stratification (Partial and full thickness tears)
Dainotto, T.; Gomez, D.; Ernst, G.	Can Distalisation and Lateralisation Shoulder Angles in Reverse Arthroplasty Interfere with the Functional Results in Patients with Rotator Cuff Arthropathy?	2024	No comparison group; risk factors paper w/ no relevant risk factors
Dakkak, A.; Krill, M. K.; Krill, M. L.; Nwachukwu, B.; McCormick, F.	Evidence-Based Physical Examination for the Diagnosis of Subscapularis Tears: A Systematic Review	2021	Systematic Review; All reviewed articles published b4 previous guideline.
Dakkak, M.; Saleem, A.; Patel, D.; Yeager, M.; Oliveira, L.; Gilot, G.; Spindler, K. P.	A systematic review of randomized control trials looking at functional improvement of rotator cuff partial thickness tears following platelet-rich-plasma injection: a comparison of glenohumeral joint vs. subacromial bursa vs. intratendinous injection locations	2024	Systematic Review; Bib Review Completed
Dan, S.; Patra, M.; Gayen, B. K.; Ballav, A.; Pal, J.	COMPARATIVE STUDY OF EFFICACY OF EXERCISE THERAPY VS UST & EXERCISE THERAPY IN THE NON-SURGICAL REHABILITATIVE MANAGEMENT OF ROTATER CUFF TEAR	2023	Non-surgical population and not relevant to PICO 3 or 6
Daniels, S. D.; Stewart, C. M.; Garvey, K. D.; Brook, E. M.; Higgins, L. D.; Matzkin, E. G.	Sex-Based Differences in Patient-Reported Outcomes After Arthroscopic Rotator Cuff Repair	2019	No Relevant Risk Factors: sex
Danilkowicz, R. M.; Hurley, E. T.; Hinton, Z. W.; Meyer, L. E.; Cheah, J. W.; Hutyra, C.; Poehlein, E.; Green, C. L.; Mather, R. C.	Association between sleep dysfunction and Patient-Reported Outcomes Measurement Information System scores in patients with rotator cuff tears	2024	non-surgical risk factors
Danilkowicz, R.; Levin, J. M.; Crook, B.; Long, J. S.; Vap, A.	Analysis of Risk Factors, Complications, Reoperations, and Demographics Associated With Open and Arthroscopic Rotator Cuff Repair: An Analysis of a Large National Database	2022	irrelevant topic; risk factors for surgery
Dannaway, J.; Sharma, G.; Raniga, S.; Graham, P.; Bokor, D.	Is preoperative elevated glycated hemoglobin (HbA1c) a risk factor for postoperative shoulder stiffness after posterior-superior rotator cuff repair?	2024	No Relevant Risk Factors: HbA1c levels

Authors	Article Title	Year	Reason for Exclusion
Dao Trong, M. L.; Dimitriou, D.; Guenkel, S.; Helmy, N.; Riede, U.	Reverse Total Shoulder Arthroplasty in Patients Who Exceeded Their Life-Expectancy: A Retrospective Study	2022	irrelevant comparison: debilitating cuff arthropathy vs. proximal humeral fracture
Darbandi, A. D.; Cohn, M.; Credille, K.; Hevesi, M.; Dandu, N.; Wang, Z.; Garrigues, G. E.; Verma, N.; Yanke, A.	A Systematic Review and Meta-analysis of Risk Factors for the Increased Incidence of Revision Surgery After Arthroscopic Rotator Cuff Repair	2024	Systematic Review; Bib Review Completed
Darestani, R. T.; Afzal, S.; Baroutkoub, M.; Beigi, A. N.; Barati, H.	Evaluation of Critical Shoulder Angle in Patients with Shoulder Impingement Syndrome and Rotator Cuff Tear	2023	Low Quality upon Appraisal - Keeping only Moderates and Highs for PICO 3
Darji, A. V.; Gohil, D.; Chauhan, A.	Comparison of Combined Suprascapular and Axillary Nerve Block versus Interscalene Brachial Plexus Block in Shoulder Surgery for Postoperative Analgesia	2022	Irrelevant Comparison: IBPB vs. Suprascapular and axillary nerve block
Darrieutort-Laffite, C.; Varin, S.; Coiffier, G.; Albert, J. D.; Cormier, G.; LeGoff, B.	Do we need steroid injection after ultrasound guided percutaneous lavage of a rotator cuff calcification ? Results at 3 months of a double blinded randomised controlled study	2018	abstract only; see ID 1170 for full study with 12-month follow-up
Darrow, M.; Shaw, B.; Schmidt, N.; Boeger, G.; Budgett, S.	Treatment of shoulder osteoarthritis and rotator cuff tears with bone marrow concentrate and whole bone marrow injections	2019	patients had both OA and RCT (less than 10 RCT per group)
Davey, M. S.; Davey, M. G.; Hurley, E. T.; Mullett, H.	Subscapularis management during open Latarjet procedure: does subscapularis split versus tenotomy matter? A systematic review and meta-analysis	2022	systematic review, bib review complete
Davey, M. S.; Davey, M. G.; Hurley, E. T.; Mullett, H.	The Effects of Pre-existing Mood Disorders on Patient-Reported Outcomes After Arthroscopic Rotator Cuff Repair: A Systematic Review and Meta-analysis	2023	Systematic Review; Bib Review Completed
Davey, M. S.; Hurley, E. T.; Carroll, P. J.; Galbraith, J. G.; Shannon, F.; Kaar, K.; Mullett, H.	Arthroscopic Rotator Cuff Repair Results in Improved Clinical Outcomes and Low Revision Rates at 10-Year Follow-Up: A Systematic Review	2023	systematic review
Davey, M. S.; Kaar, K.	Clinical outcomes at medium-term follow-up of sub-acromial balloon spacer insertion in the operative management of massive rotator cuff tears	2022	No comparison group
Davies, A.; Singh, P.; Reilly, P.; Sabharwal, S.; Malhas, A.	Superior capsule reconstruction, partial cuff repair, graft interposition, arthroscopic debridement or balloon spacers for large and massive irreparable rotator cuff tears: a systematic review and meta-analysis	2022	systematic review
Davies, M. R.; Kucirek, N.; Motamedi, D.; Ma, C. B.; Feeley, B. T.; Lansdown, D.	Relationship Between Preoperative Shoulder Osteoarthritis Severity Score and Postoperative PROMIS-UE Score After Rotator Cuff Repair	2023	Tear type was unspecified

Authors	Article Title	Year	Reason for Exclusion
Davis, C. M.; Schmidt, C. M., 2nd; Kucharik, M.; Givens, J.; Christmas, K. N.; Simon, P.; Frankle, M. A.	Do preoperative scapular fractures affect long-term outcomes after reverse shoulder arthroplasty?	2024	Mixed Population w/o Stratification
Davis, D. E.; Cox, R.; Patel, M. S.; Lazarus, M.; Ramsey, M.; Namdari, S.	Successful Outcomes Achieved Via Web-based, Home Program after Total Shoulder Arthroplasty	2020	No comparison group
Davis, D. E.; Lee, B.; Aleem, A.; Abboud, J.; Ramsey, M.	Interobserver reliability of the rotator cable and its relationship to rotator cuff congruity	2020	irrelevant topic: presence of the rotator cable intraoperatively; no relevant outcomes
Davis, D. L.; Almadawi, R.; Henn, R. F., 3rd; Zhuo, J.; Mulligan, M. E.; Resnik, C. S.; Abdullah, S. B.; Al Khalifah, H.; Gilotra, M. N.; Hasan, S. A.; Gullapalli, R. P.	Correlation of Quantitative Versus Semiquantitative Measures of Supraspinatus Intramuscular Fatty Infiltration to Shoulder Range of Motion and Strength: A Pilot Study	2021	Non-surgical population and not relevant to PICO 3 or 6
Davis, D. L.; Gilotra, M. N.; Hovis, J. P.; Almadawi, R.; Hasan, S. A.	Association of Rotator Cuff Tear Patterns and Intramuscular Fatty Infiltration on Magnetic Resonance Imaging	2019	irrelevant topic: tear patterns associated w/ FI
Davis, W. H.; Sandler, A. B.; Scanaliato, J. P.; Dunn, J. C.; Parnes, N.	Use of Opioids in the Early Postoperative Period After Arthroscopic Rotator Cuff Repair: A Systematic Review	2022	Systematic Review
Day, W.; Tang, K.; Joo, P. Y.; Grauer, J. N.; Yalcin, S.; Wilhelm, C. V.; Medvecky, M. J.	Opioid Prescription Patterns 90 Days After Arthroscopic Rotator Cuff Repair: A 10-Year National Database Analysis	2023	not an RCT (Case series)
Dayanandaswamy,; Aggrawal, J.	Correlation of Accuracy Between USG and MRI in Full Thickness Tears of Rotator Cuff Injury of Shoulder Joint	2024	Low Quality upon Appraisal - Keeping only Moderates and Highs for PICO 3
Dayanandaswamy,; Aggrawal, J.	Rotator Cuff injury of Shoulder Joint: Correlation of Accuracy Between USG and MRI in Partial Thickness Tears	2024	Low Quality upon Appraisal - Keeping only Moderates and Highs for PICO 3
de Andrade, A. L. L.; Garcia, T. A.; Brandao, H. S.; Sardeli, A. V.; Mouraria, G. G.; Belangero, W. D.	Benefits of Patch Augmentation on Rotator Cuff Repair: A Systematic Review and Meta-analysis	2022	systematic review, bib review complete
De Baets, L.; Matheve, T.; Meeus, M.; Struyf, F.; Timmermans, A.	The influence of cognitions, emotions and behavioral factors on treatment outcomes in musculoskeletal shoulder pain: a systematic review	2019	Systematic Review; Bib Review Completed
de Boer, F. A.; Pasma, J. H.; Huijsmans, P. E.; Flikweert, P. E.	Influence of subscapularis tendon reattachment after reverse shoulder arthroplasty: clinical findings and ultrasonographic evaluation of the subscapularis at 89 months mean follow-up	2023	mixed population w/o stratification; no comparison group

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de Boer, F. A.; Schouten, T. T. J.; Boekestein, E. P.; van Eijk, F.; van Kampen, P. M.; Bazuin, R.; Huijsmans, P. E.	Risk factors for postoperative pain in the first three weeks after arthroscopic or open shoulder surgery	2019	mixed population w/o stratification: rotator cuff tear, shoulder instability and distal clavicle resection (see extended note)
de Campos Azevedo, C. I.; Andrade, R.; Leiria Pires Gago Angelo, A. C.; Espregueira-Mendes, J.; Ferreira, N.; Sevivas, N.	Fascia Lata Autograft Versus Human Dermal Allograft in Arthroscopic Superior Capsular Reconstruction for Irreparable Rotator Cuff Tears: A Systematic Review of Clinical Outcomes	2020	systematic review
de Campos Azevedo, C. I.; Angelo, Aclpg; Vinga, S.	Arthroscopic Superior Capsular Reconstruction With a Minimally Invasive Harvested Fascia Lata Autograft Produces Good Clinical Results	2018	No comparison group
De Fine, M.; Sartori, M.; Giavaresi, G.; De Filippis, R.; Agro, G.; Cialdella, S.; Fini, M.; Pignatti, G.	The role of subscapularis repair following reverse shoulder arthroplasty: systematic review and meta-analysis	2022	systematic review
De Giorgi, S.; Ottaviani, G.; Bianchi, F. P.; Delmedico, M.; Suma, M.; Moretti, B.	Single-row versus transosseous technique in the arthroscopic treatment of rotator cuff tears: a meta-analysis	2023	Systematic Review; Bib Review Completed
de Groot, S. J.; Arner, J. W.; Smith, C. N.; Bradley, J. P.	Arthroscopic SLAP IIb Repair Using Knot-Tying Versus Knotless Suture Anchors: Is There a Difference?	2018	Irrelevant Population: Slap Tears
de Joode, S. G. C. J.; Kriechling, P.; Volp, A. S.; Klotz, S.; Farshad, M.; Wieser, K.; Grubhofer, F.	The effect of humeral diaphyseal stem filling ratio on clinical and radiological outcome	2024	irrelevant comparison by amount of stem filling ratio; mixed population
De la Barra Ortiz, H. A.; Castillo, R. C.; Zarraonandia, M. D.; CÃ¡ceres, I. R.; RamÃ¡rez, V. R.	Comparison of the effectiveness of electrolysis and microelectrolysis in the treatment of musculoskeletal pain: a systematic review	2023	Systematic Review
de la Barra Ortiz, H. A.; Matamala, A. M.; Inostroza, F. L.; Araya, C. L.; Mondaca, V. N.	Efficacy of biofeedback in rehabilitation of musculoskeletal disorders: A systematic review	2022	Systematic review; bib review complete
de la Barra Ortiz, H. A.; Parizotto, N.; Arias, M.; Liebano, R.	Effectiveness of high-intensity laser therapy in the treatment of patients with frozen shoulder: a systematic review and meta-analysis	2023	Systematic Review; Bib Review Completed
De La Selle, H.; Lascar, T.; Clappaz, P.; Decrette, E.; van Rooij, F.; Saffarini, M.; Obert, L.	Reverse Shoulder Arthroplasty for Patients with Massive Rotator Cuff Tears or Cuff Tear Arthropathies at a Minimum Follow-up of 7 Years	2023	mixed population; no relevant risk factors when stratified

Authors	Article Title	Year	Reason for Exclusion
de Marinis, R.; Marigi, E. M.; Atwan, Y.; Velasquez Garcia, A.; Morrey, M. E.; Sanchez-Sotelo, J.	Lower Trapezius Transfer Improves Clinical Outcomes With a Rate of Complications and Reoperations Comparable to Other Surgical Alternatives in Patients with Functionally Irreparable Rotator Cuff Tears: A Systematic Review	2023	systematic review
de Melo Carvalho Rocha, E.; Riberto, M.; da Ponte Barbosa, R.; Geronimo, R. M. P.; Menezes-Junior, M.	Use of Botulinum Toxin as a Treatment of Hemiplegic Shoulder Pain Syndrome: A Randomized Trial	2023	irrelevant comparison: botulinum toxin vs. placebo
de Oliveira Scatolin, R.; Hotta, G. H.; Cools, A. M.; Custodio, G. A. P.; de Oliveira, A. S.	Effect of conscious abdominal contraction on the activation of periscapular muscles in individuals with subacromial pain syndrome	2021	Non-surgical population and not relevant to PICO 3 or 6
de Oliveira, F. C. L.	Can kinesiotaping optimise the results of an exercise-based treatment for rotator cuff-related shoulder pain? (PhD Academy Award)	2024	Non-surgical population and not relevant to PICO 3 or 6; PHD Award
de Oliveira, F. C. L.; Ager, A. L.; Roy, J. S.	Is There a Decrease in the Acromiohumeral Distance Among Recreational Overhead Athletes With Rotator Cuff-Related Shoulder Pain?	2020	irrelevant topic: AHD measurements in athletes with RCRSP
de-Queiroz, J. H. M.; de-Medeiros, M. B.; de-Lima, R. N.; Cerdeira, D. Q.	Exercise for rotator cuff tendinopathy	2022	Systematic Review; Bib Review Completed
DeBernardis, D. A.; Lynch, J. C.; Radack, T.; Austin, L. S.	Return to driving following anatomic and reverse shoulder arthroplasty: a comparative analysis	2023	tear type unspecified
DeBernardis, D. A.; Zhang, T.; Duong, A.; Fleckenstein, C. M.; Almasri, M.; Hasan, S. S.	Total Shoulder Arthroplasty in Patients Aged 80 Years and Older: A Systematic Review	2023	systematic review
Debnath, U. K.; Goel, V.; Saini, S.; Trehan, N.; Trehan, R.	A prospective study of two methods of analgesia in shoulder arthroscopic procedures as day case surgery	2020	irrelevant comparison: inter-scalene block vs. chirocaine (levobupivacaine))
DeClercq, M. G.; Fiorentino, A. M.; Lengel, H. A.; Ruzbarsky, J. J.; Robinson, S. K.; Oberlohr, V. T.; Whitney, K. E.; Millett, P. J.; Huard, J.	Systematic Review of Platelet-Rich Plasma for Rotator Cuff Repair: Are We Adhering to the Minimum Information for Studies Evaluating Biologics in Orthopaedics?	2021	Systematic Review; Bib Review Completed
DeClouette, B.; Birnbaum, A.; Campbell, H.; Bi, A. S.; Lin, C. C.; Struhl, S.	Needle Arthroscopy Demonstrates High Sensitivity and Specificity for Diagnosing Intra-Articular Shoulder and Knee Pathology	2022	Workgroup Exclude: needle arthroscopy does not apply to PICO 3
Dedes, V.; Tzirogiannis, K.; Polikandrioti, M.; Dede, A. M.; Nikolaidis, C.; Mitseas, A.; Panoutsopoulos, G. I.	Comparison of Radial Extracorporeal Shockwave Therapy versus Ultrasound Therapy in the Treatment of Rotator Cuff Tendinopathy	2019	Irrelevant comparison: Radial shockwaves vs. therapeutic ultrasound vs. control (NSAIDs)

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DeFoor, M. T.; Cognetti, D. J.; Bedi, A.; Carmack, D. B., Jr.; Arner, J. W.; DeFroda, S.; Ernat, J. J.; Frangiamore, S. J.; Nuelle, C. W.; Sheean, A. J.	Patient Resilience Does Not Conclusively Affect Clinical Outcomes Associated With Arthroscopic Surgery but Substantial Limitations of the Literature Exist	2024	Systematic Review; Bib Review Completed
DeFoor, M. T.; Riem, L.; Cognetti, D. J.; Cousins, M.; DuCharme, O.; Feng, X.; Blemker, S. S.; Antosh, I. J.; Cote, M. P.; Werner, B. C.; Sheean, A. J.	Novel 3D MRI-Based Volumetric Assessment of Rotator Cuff Musculature Demonstrates Stronger Correlation with Preoperative Functional Status When Compared to the Goutallier Grading Scheme	2024	irrelevant topic: RC musculature correlation w/ preop functional status; no relevant outcomes
DeFroda, S. F.; Li, L.; Milner, J.; Bokshan, S. L.; Owens, B. D.	Cost comparison of arthroscopic rotator cuff repair with arthroscopic vs. open biceps tenodesis	2021	cost analysis; no relevant risk factors/outcomes
DeFroda, S. F.; Vadhera, A. S.; Quigley, R. J.; Singh, H.; Beletsky, A.; Cohn, M. R.; Michalski, J.; Garrigues, G. E.; Verma, N. N.	Moderate Return to Play and Previous Performance After SLAP Repairs in Competitive Overhead Athletes: A Systematic Review	2022	Systematic Review
Degan, T. J.; Hartzler, R. U.; Rahal, A.; DeBerardino, T. M.; Burkhart, S. S.	Prospective 1-Year Outcomes Are Maintained at Short-Term Final Follow-Up After Superior Capsular Reconstruction Augmentation of Complete Rotator Cuff Repair	2022	no comparison group
Dekker, A. P.; Borton, Z.; Espag, M.; Cresswell, T.; Tambe, A. A.; Clark, D. I.	Continuing acromioclavicular joint pain after excision arthroplasty: is further surgery effective?	2019	irrelevant population; no tears
Dekker, T. J.; Peebles, L. A.; Bernhardson, A. S.; Golijanin, P.; Di Giacomo, G.; Hackett, T. R.; Provencher, M. T.	Limited Predictive Value of the Instability Severity Index Score: Evaluation of 217 Consecutive Cases of Recurrent Anterior Shoulder Instability	2021	irrelevant population: anterior shoulder instability, excluding rotator cuff tear
Del Core, M. A.; Cutler, H. S.; Ahn, J.; Khazzam, M.	Systematic review and network meta-analysis of subscapularis management techniques in anatomic total shoulder arthroplasty	2021	systematic review
Delbello, F.; Spinnato, P.; Aparisi Gomez, M. P.	Calcific Tendinopathy Atypically Located Outside the Rotator Cuff: A Systematic Review	2023	systematic review
Delen, M.; Sendil, A.; Kaux, J. F.; Pedret, C.; Le Sant, G.; Pawson, J.; Miller, S. C.; Birn-Jeffery, A.; Morrissey, D.	Self-reported bio-psycho-social factors partially distinguish rotator cuff tendinopathy from other shoulder problems and explain shoulder severity: A case-control study	2023	irrelevant topic: risk factors for diagnosis and shoulder severity (non-operative)
Deliso, M.; Baskar, S.; Gencarelli, P., Jr.; Tang, A.; Jankowski, J. M.; Liporace, F. A.; Yoon, R. S.	Reverse Total Shoulder Arthroplasty for Younger Patients: A Comparable Analysis of Patients Older and Younger Than 65 Years	2023	irrelevant population: proximal humerus fracture or rotator cuff arthropathy

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Demirci, S.; Kara, D.; Yildiz, T. I.; Eraslan, L.; Uysal, O.; Sevinc, C.; Ulusoy, B.; Gazeloglu, A. O.; Turgut, E.; Huri, G.; Turhan, E.; Duzgun, I.	Effects of Different Frequencies of Physical Therapy Visits on Shoulder Function After Arthroscopic Rotator Cuff Repair	2023	irrelevant comparison by frequency of supervised visits; same protocol for all participants
den Boer, P. K. W.; Schulte, G.; Muris, D. M. J.; Deckers, P.; Bemelmans, Y. F. L.; Schotanus, M. G. M.; Winkens, B.; Ottenheijm, R. P. G.	Prognosis of shoulder pain in those with and without a psychological disorder: A prospective cohort study with a six-month follow-up	2022	Non-surgical population and not relevant to PICO 3 or 6
Deng, X.; Zhu, S.; Li, D.; Luo, Y.; Zhang, X.; Tan, Y.; Li, J.; He, X.	Effectiveness of Ultrasound-Guided Versus Anatomic Landmark-Guided Corticosteroid Injection on Pain, Physical Function, and Safety in Patients With Subacromial Impingement Syndrome: A Systematic Review and Meta-analysis	2022	Systematic Review; Bib Review Completed
Deng, Z. J.; Yin, C.; Cusano, J.; Abdul-Rassoul, H.; Curry, E. J.; Novikov, D.; Ma, R.; Li, X.	Outcomes and Complications After Primary Arthroscopic Suprapectoral Versus Open Subpectoral Biceps Tenodesis for Superior Labral Anterior-Posterior Tears or Biceps Abnormalities: A Systematic Review and Meta-analysis	2020	systematic review
Deng, Z.; Li, X.; Sun, X.; Sui, Y.; Tang, K.; Shu, H.; Nie, M.; Wang, H.	Comparison Between Multisite Injection and Single Rotator Interval Injection of Corticosteroid in Primary Frozen Shoulder (Adhesive Capsulitis): A Randomized Controlled Trial	2023	Irrelevant Comparison: Multisite vs. Single Site
Derwin, K. A.; Sahoo, S.; Zajichek, A.; Strnad, G.; Spindler, K. P.; Iannotti, J. P.; Ricchetti, E. T.	Tear characteristics and surgeon influence repair technique and suture anchor use in repair of superior-posterior rotator cuff tendon tears	2019	irrelevant topic; influences for type of procedure used, no outcomes of interest
Desai, V.; Stambulic, T.; Daneshvar, P.; Bicknell, R. T.	Lower trapezius tendon transfer for irreparable rotator cuff injuries: a scoping review	2023	Systematic Review; Bib Review Completed
Descamps, J.; Kierszbaum, E.; Protais, M.; Marion, B.; Bouche, P. A.; Aim, F.	Outcomes of Isolated Biceps Tenodesis/Tenotomy or Partial Rotator Cuff Repair Associated with Biceps Tenodesis/Tenotomy for Massive Irreparable Tears: A Systematic Review	2023	Systematic Review
Desmet, M.; Braems, H.; Reynvoet, M.; Plasschaert, S.; Van Cauwelaert, J.; Pottel, H.; Carlier, S.; Missant, C.; Van de Velde, M.	I.V. and perineural dexamethasone are equivalent in increasing the analgesic duration of a single-shot interscalene block with ropivacaine for shoulder surgery: a prospective, randomized, placebo-controlled study	2013	Irrelevant Comparison: Ropivacaine 0.5% (group R) vs. Ropivacaine (0.5%) and dexamethasone (10mg) (group RD) vs. ropivacaine 0.5% with IV dexamethasone (10mg) (RDiv).
Desmet, M.; Vanneste, B.; Reynvoet, M.; Van Cauwelaert, J.; Verhelst, L.;	A randomised controlled trial of intravenous dexamethasone combined with interscalene brachial plexus blockade for shoulder surgery	2015	Irrelevant Comparison: Saline 0.9% vs. 1.25mg dexamethasone vs. 2.5 mg dexamethasone vs. 10 mg dexamethasone

Authors	Article Title	Year	Reason for Exclusion
Pottel, H.; Missant, C.; Van de Velde, M.			
Desouza, C.; Shetty, V.	Effectiveness of Platelet-rich Plasma in Partial-thickness Rotator Cuff Tears: a meta-analysis	2024	Systematic Review; Bib Review Completed
Dev, A. V.; Nishara, M. S.	A STUDY OF SHORT TERM FUNCTIONAL OUTCOME IN ARTHROSCOPIC VERSUS MINI-OPEN ROTATOR CUFF REPAIR SURGERY	2023	Tear type was unspecified
Devano, D. M. J.; Smith, J. R.; Houck, D. A.; McCarty, E. C.; Seidl, A. J.; Wolcott, M. L.; Frank, R. M.; Bravman, J. T.	Clinical Outcomes Associated With Preoperative Opioid Use in Various Shoulder Surgical Procedures: A Systematic Review	2021	systematic review
DeVito, P.; Damodar, D.; Berglund, D.; Vakharia, R.; Moeller, E. A.; Giveans, M. R.; Horn, B.; Malarkey, A.; Levy, J. C.	Predicting outstanding results after reverse shoulder arthroplasty using percentage of maximal outcome improvement	2019	irrelevant population: nonacute fractures
Dhein, W.; Wagner Neto, E. S.; Miranda, I. F.; Pinto, A. B.; Moraes, L. R.; Loss, J. F.	Effects of Kinesio Taping on scapular kinematics and electromyographic activity in subjects with shoulder impingement syndrome	2020	No comparison group; irrelevant outcomes; not a RCT
Di Benedetto, P.; Gorasso, G.; Beltrame, A.; Mancuso, F.; Buttironi, M. M.; Causero, A.	Clinical and radiological outcomes with PEEK suture anchors used in rotator cuff repair: our experience confirm that a perianchor fluid signal on RM does not affect clinical outcome at one year of follow up	2020	no comparison group
Di Gennaro, S.; Lecce, D.; Tarantino, A.; De Cupis, M.; Bassetti, E.; Scarnera, P.; Ciminello, E.; Calvisi, V.	Arthroscopic repair of rotator cuff injury with bioabsorbable suture anchor vs. all-suture anchor: a non-inferiority study	2022	very low quality
Di Matteo, B.; Ranieri, R.; Manca, A.; Cappato, S.; Marcacci, M.; Kon, E.; Castagna, A.	Cell-Based Therapies for the Treatment of Shoulder and Elbow Tendinopathies: A Scoping Review	2021	systematic review
Dias, D.; Neto, M. G.; Sales, S. D. S. R.; Cavalcante, B. D. S.; Torrieri, P.; Roevers, L.; Araújo, R. P. C. D.	Effect of Mobilization with Movement on Pain, Disability, and Range of Motion in Patients with Shoulder Pain and Movement Impairment: A Systematic Review and Meta-Analysis	2023	Systematic review, bib review complete
Diaz Balzani, L. A.; Papalia, R.; Alifano, A. M.; Albo, E.; Papalia, G. F.; Ciuffreda, M.; De Andreis, C.; Fossati, C.; Denaro, V.	The role of physical activity as conservative treatment for massive rotator cuff tears in elderly patients: a systematic review	2022	systematic review

Authors	Article Title	Year	Reason for Exclusion
Dickerson, P.; Pill, S. G.; Longstaffe, R.; Shanley, E.; Thigpen, C. A.; Kissenberth, M. J.	Systematic review of reversing pseudoparalysis of the shoulder due to massive, irreparable rotator cuff tears	2020	systematic review
Diener, G. L.; Spahn, G.; Hofmann, G. O.	Occupational Stress as a Possible Risk Factor for Rotator Cuff Damage - Systematic Review and Meta-analysis	2022	not written in English
Digge, V.; Sai Krishna, M.; Kar, S.; Sahoo, B.; Kumar, V.; Nag, H.	The outcome of debridement in massive and irreparable rotator cuff tear - A systematic review	2022	Systematic Review; Bib Review Completed
Dillon, M. T.; Inacio, M. C. S.; Burke, M. F.; Navarro, R. A.; Yian, E. H.	Shoulder arthroplasty in patients 59 years of age and younger	2013	irrelevant population; 10% rotator cuff tears
Dimmen, S.; Owesen, C.; Lundgreen, K.; Jenssen, K. K.	No difference in clinical outcome after rotator cuff repair performed within or later than 3 months after trauma: a retrospective cohort study	2023	Irrelevant Comparison: Time to repair from injury
Ding, B. T. K.; Decruz, J.; Kunnasegaran, R.	Time-sensitive ambulatory orthopaedic soft-tissue surgery paradigms during the COVID-19 pandemic	2020	Systematic review
Diplock, B.; Hing, W.; Marks, D.	The long head of biceps at the shoulder: a scoping review	2023	Systematic review; bib review complete
DiPompeo, C. M.; Inabathula, A.; Kay, K.; Milto, A. J.; El Bitar, Y.	Complications and Retears Following Arthroscopic Repair of Full Thickness Rotator Cuff Tears	2023	systematic review
Docter, S.; Khan, M.; Ekhtiari, S.; Veillette, C.; Paul, R.; Henry, P.; Leroux, T.	The Relationship Between the Critical Shoulder Angle and the Incidence of Chronic, Full-Thickness Rotator Cuff Tears and Outcomes After Rotator Cuff Repair: A Systematic Review	2019	systematic review
Dogu, B.; Yucel, S. D.; Sag, S. Y.; Bankaoglu, M.; Kuran, B.	Blind or ultrasound-guided corticosteroid injections and short-term response in subacromial impingement syndrome: a randomized, double-blind, prospective study	2012	irrelevant comparison; ultrasound guided vs. blind injection techniques of the same dose of corticosteroid- included in the previous study; does not fit update PICO
Doherty, C.; Furness, N. D.; Batten, T.; White, W. J.; Kitson, J.; Smith, C. D.	Arthroscopy of the symptomatic shoulder arthroplasty	2019	Small Sample Size: 14 Total Patients
Doiron-Cadrin, P.; Lafrance, S.; Saulnier, M.; Cournoyer, E.; Roy, J. S.; Dyer, J. O.; Fremont, P.; Dionne, C.; MacDermid, J. C.; Tousignant, M.; Rochette, A.; Lowry, V.; Bureau, N. J.; Lamontagne, M.; Coutu, M. F.; Lavigne, P.; Desmeules, F.	Shoulder Rotator Cuff Disorders: A Systematic Review of Clinical Practice Guidelines and Semantic Analyses of Recommendations	2020	systematic review

Authors	Article Title	Year	Reason for Exclusion
Dominguez-Romero, J. G.; Jimenez-Rejano, J. J.; Ridao-Fernandez, C.; Chamorro-Moriana, G.	Exercise-Based Muscle Development Programmes and Their Effectiveness in the Functional Recovery of Rotator Cuff Tendinopathy: A Systematic Review	2021	systematic review, bib review complete
Dommer, L. M.; Chlsta, A.; Rojas, J. T.; Hayoz, A.; Schar, M.; Zumstein, M. A.	Massive rotator cuff tears with short tendon length can be successfully repaired using synthetic patch augmentation	2023	No comparison group
Domos, P.; Lunini, E.; Ascione, F.; Serra, N.; Bercik, M. J.; Neyton, L.; Godeneche, A.; Walch, G.	Clinical and radiographic outcomes of open Latarjet procedure in patients aged 40 years or older	2019	no comparison group; irrelevant population: anterior shoulder instability
Dong, J.; Zhang, L.; Jia, H.; Zhu, Y.; Xiang, R.; Li, P.	Effects of adjuvant application of corticosteroid and ozone after ultrasound-guided puncture and lavage for the treatment of rotator cuff calcific tendinitis: study protocol for a non-inferiority randomized controlled trial	2023	Study Protocol, no results
Dong, S.; Li, J.; Zhao, H.; Zheng, Y.; Chen, Y.; Shen, J.; Yang, H.; Zhu, J.	Risk Factor Analysis for Predicting the Onset of Rotator Cuff Calcific Tendinitis Based on Artificial Intelligence	2022	Non-surgical population and not relevant to PICO 3 or 6
Dong, X.; Wang, L.	The Imaging Diagnosis of Patients with Shoulder Pain Caused by Sports Injury	2022	no outcomes of interest
Donohue, N. K.; Prisco, A. R.; Grindel, S. I.	Pre-operative corticosteroid injections improve functional outcomes in patients undergoing arthroscopic repair of high-grade partial-thickness rotator cuff tears	2017	irrelevant topic: pre-op injections affect on post-op outcomes for partial tears
Dos Santos, C.; Jones, M. A.; Matias, R.	Short- and Long-Term Effects of a Scapular-Focused Exercise Protocol for Patients with Shoulder Dysfunctions-A Prospective Cohort	2021	Irrelevant Comparison: rotator cuff related pain syndrome vs. anterior shoulder instability; Not relevant to PICOs (see extended note).
Dos Santos, J. J.; Nagy, R. O.; Souza, M. A.; Intelangelo, L.; Barbosa, M. A.; Silveira-Nunes, G.; Barbosa, A. C.	Scapular Retraction under Adduction Load: An Alternative to Overhead Exercises to Activate Infraspinatus, Upper, and Lower Trapezius in Subjects with and without Shoulder Pain	2021	biomechanical study
Downie, B. K.; Miller, B. S.	Treatment of rotator cuff tears in older individuals: a systematic review	2012	Paper published before 2017 guideline last search date; systematic review
Doxey, R.; Thiese, M. S.; Hegmann, K. T.	Reliability of common provocative tests for shoulder tendinitis	2018	irrelevant topic: diagnosis of shoulder tendinitis
Doyle, T. R.; Downey, S.; Hurley, E. T.; Klifto, C.; Mullett, H.; Denard, P. J.; Garrigues, G. E.; Menendez, M. E.	Midterm outcomes of primary reverse shoulder arthroplasty: a systematic review of studies with minimum 5-year follow-up	2024	Systematic Review; Bib Review Completed

Authors	Article Title	Year	Reason for Exclusion
Drager, J.; Polce, E. M.; Fu, M.; Nemsick, M.; Huddleston, H. P.; Forsythe, B.; Nicholson, G. P.; Cole, B. J.; Verma, N. N.; Garrigues, G. E.	Patients undergoing anatomic total shoulder arthroplasty achieve clinically significant outcomes faster than those undergoing reverse shoulder arthroplasty	2021	Mixed Population w/o Stratification: glenohumeral osteoarthritis, Rotator cuff arthropathy, and Rotator cuff tear without osteoarthritis. Tear type not specified
Dragonas, C. G.; Mamarelis, G.; Dott, C.; Waseem, S.; Bajracharya, A.; Leivadiotou, D.	Anatomic Total Shoulder Arthroplasty Versus Reverse Total Shoulder Arthroplasty in Patients Aged Over 70 Without a Full-Thickness Rotator Cuff Tear: A Systematic Review and Meta-Analysis	2023	Systematic Review; Bib Review Completed
Drain, N. P.; Greiner, J. J.; Simonian, L. E.; Carlos, N. B. T.; Hyre, N. D.; Smith, C.; Hughes, J. D.; Lin, A.; Lesniak, B. P.	Depressive and Anxiety Disorders Increase Risk for Recurrent Anterior Shoulder Pain Following Arthroscopic Suprapectoral Biceps Tenodesis	2023	Mixed population w/o stratification (partial and full thickness tears)
Dube, M. O.; Ingwersen, K. G.; Roy, J. S.; Desmeules, F.; Lewis, J.; Juul-Kristensen, B.; Vobbe, J.; Lund Jensen, S.; McCreesh, K.	Do therapeutic exercises impact supraspinatus tendon thickness? Secondary analyses of the combined dataset from two randomised controlled trials in patients with rotator cuff-related shoulder pain	2024	Non-surgical population and not relevant to PICO 3 or 6; FT tears excluded
Dube, M. O.; Lafrance, S.; Charron, M.; Mekouar, M.; Desmeules, F.; McCreesh, K.; Michener, L. A.; Grimes, J.; Shanley, E.; Roy, J. S.	FITT Odyssey: A Scoping Review of Exercise Programs for Managing Rotator Cuff Related Shoulder Pain	2024	Scoping Review
Ducharme, L.; Godeneche, A.; Nerot, C.; Aswad, R.; Garret, J.	Factors that affect external rotation following reverse shoulder arthroplasty: a retrospective multi-centre study on 501 shoulders	2023	Mixed Population w/o Stratification: OA w/ or w/o RC tears, secondary OA due to RC tears, and massive Rotator cuff tears
Duchman, K. R.; Lemmex, D. B.; Patel, S. H.; Ledbetter, L.; Garrigues, G. E.; Riboh, J. C.	The Effect of Non-Steroidal Anti-Inflammatory Drugs on Tendon-to-Bone Healing: A Systematic Review with Subgroup Meta-Analysis	2019	Systematic Review; Bib Review Completed
Duijn, Eahd; Pouliart, N.; Verhagen, A. P.; Karel, Yhjm; Thoomes-de Graaf, M.; Koes, B. W.; Scholten-Peeters, G. G. M.	Diagnostic ultrasound in patients with shoulder pain: An inter-examiner agreement and reliability study among Dutch physical therapists	2021	irrelevant outcome of interest; inter examiner agreement and reliability
Dujeux, C.; Antoni, M.; Thery, C.; Eichler, D.; Meyer, N.; Clavert, P.	History of mood and anxiety disorders does not affect the outcomes of arthroscopic rotator cuff repair	2023	only 9 patients in group 1
Dukan, R.; Bahman, M.; Rousseau, M. A.; Boyer, P.	Outcomes of reverse shoulder arthroplasty using a short stem through a superolateral approach	2020	no comparison group

Authors	Article Title	Year	Reason for Exclusion
Dukan, R.; Ledinet, P.; Donadio, J.; Boyer, P.	Arthroscopic Rotator Cuff Repair With a Knotless Suture Bridge Technique: Functional and Radiological Outcomes After a Minimum Follow-Up of 5 Years	2019	No comparison group
Duman, N.; Ozer, M.	Radiological and clinical evaluation of long head of biceps tendon function in the glenohumeral joint	2023	irrelevant comparison groups by LHBT pathologies; no follow-up
Dumoulin, N.; Cormier, G.; Varin, S.; Coiffier, G.; Albert, J. D.; Le Goff, B.; Darrieutort-Laffite, C.	Factors Associated With Clinical Improvement and the Disappearance of Calcifications After Ultrasound-Guided Percutaneous Lavage of Rotator Cuff Calcific Tendinopathy: A Post Hoc Analysis of a Randomized Controlled Trial	2021	analysis of population as a whole- does not separate two groups of injections
Dunne, K. F.; Knesek, M.; Tjong, V. K.; Riederman, B. D.; Cogan, C. J.; Baker, H. P.; Kahlenberg, C. A.; Gryzlo, S.; Terry, M. A.	Arthroscopic treatment of type II superior labral anterior to posterior (SLAP) lesions in a younger population: minimum 2-year outcomes are similar between SLAP repair and biceps tenodesis	2021	Irrelevant Population: Slap Tears
Duong, J. K. H.; Lam, P. H.; Murrell, G. A. C.	Anteroposterior tear size, age, hospital, and case number are important predictors of repair integrity: an analysis of 1962 consecutive arthroscopic single-row rotator cuff repairs	2021	Mixed Population w/o Stratification; Inadequate follow-up time
Dupont, T.; Idir, M. A.; Hossu, G.; Sirveaux, F.; Gillet, R.; Blum, A.; Teixeira, P. A. G.	MR imaging signs of shoulder adhesive capsulitis: analysis of potential differentials and improved diagnostic criteria	2024	irrelevant topic: diagnosis of adhesive capsulitis
Dwivedi, A.; Sharma, R.; Sharma, A.; Gupta, P.	Evaluation of Shoulder Injuries: A Comparative Study of Imaging by Magnetic Resonance Imaging (MRI) and Magnetic Resonance Arthrography (MRA)	2024	Only 4 rotator cuff tears included in population.
Dwyer, C.; Kia, C.; Apostolakos, J. M.; DiVenere, J.; Dyrna, F.; Cote, M.; Arciero, R. A.; Mazzocca, A. D.	Clinical Outcomes After Biceps Tenodesis or Tenotomy Using Subpectoral Pain to Guide Management in Patients With Rotator Cuff Tears	2019	Tear type was unspecified
Eager, J. M.; Warrender, W. J.; Deussenberg, C. B.; Jamgochian, G.; Singh, A.; Abboud, J. A.; Spiller, K. L.	Distinct Gene Expression Profile in Patients With Poor Postoperative Outcomes After Rotator Cuff Repair: A Case-Control Study	2021	irrelevant topic/outcomes: gene expression profile
Ebrahimi Ardjomand, S.; Meurer, F.; Ehmann, Y.; Pogorzelski, J.; Waschulzik, B.; Makowski, M. R.; Siebenlist, S.; Heuck, A.; Woertler, K.; Neumann, J.	Evaluation of Conventional MR Imaging of the Shoulder in the Diagnosis of Lesions of the Biceps Pulley	2024	Irrelevant topic: diagnosis of biceps pulley lesions
Ecalte, A.; Julien, C.; Chaouche, S.; Cungi, P. J.; Anger, F.; Galland, A.; Gravier, R.; Airaudi, S.	Is routine gleno-humeral exploration a risk factor for adhesive capsulitis after arthroscopic removal of rotator cuff calcifications? A comparative retrospective study in 340 cases	2021	no follow-up at 12 mos

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Edwards, A.; Chepeha, J.; Jones, A.; Sheps, D. M.; Beaupre, L.	Can clinical assessment differentiate partial thickness rotator cuff tears from full thickness rotator cuff tears? A secondary analysis	2020	no relevant outcomes
Ehmann, Y. J.; Berthold, D. P.; Reuter, S.; Beitzel, K.; Kohler, R.; Stocker, F.; Muench, L. N.; Pogorzelski, J.; Rupp, M. C.; Braun, S.; Imhoff, A. B.; Buchmann, S.	Center of pressure (COP) measurement in patients with confirmed successful outcomes following shoulder surgery show significant sensorimotor deficits	2022	No relevant comparison group (see extended note)
Eibel, A.; Reddy, R. P.; Hughes, J. D.; Smith, C.; Popchak, A.; West, R.; Musahl, V.; Lesniak, B.; Lin, A.	Traumatic rotator cuff tears with concomitant shoulder dislocation: tear characteristics and postsurgical outcomes	2023	irrelevant comparison: dislocation and tear vs. tears w/o dislocation
Eichinger, J. K.; Rao, M. V.; Lin, J. J.; Goodloe, J. B.; Kothandaraman, V.; Barfield, W. R.; Parada, S. A.; Roche, C.; Friedman, R. J.	The effect of body mass index on internal rotation and function following anatomic and reverse total shoulder arthroplasty	2021	Mixed Population w/o Stratification: aTSA patients with inflammatory arthritis, avascular necrosis, or osteoarthritis and rTSA patients with osteoarthritis, rotator cuff tear arthropathy, massive irreparable rotator cuff tears, or inflammatory arthritis
Ekhtiari, S.; Adili, A. F.; Memon, M.; Leroux, T.; Henry, P.; Bedi, A.; Khan, M.	Sources, Quality, and Reported Outcomes of Superior Capsular Reconstruction: a Systematic Review	2019	Systematic Review; Bib Review Completed
El Beaino, M.; Liu, J.; Lewis, V. O.; Lin, P. P.	Do Early Results of Proximal Humeral Allograft-Prosthetic Composite Reconstructions Persist at 5-year Followup?	2019	no comparison; no risk factors
El Helou, A.; Sebaaly, A.; El Rassi, J.; Taslakian, B.; Ghanem, I.; El Abyad, R.	Measurement of biceps tendon retraction after arthroscopic tenotomy	2021	no comparison group; mixed population
El-Boghdady, K.; Abdallah, F. W.; Short, A.; Vorobeichik, L.; Memtsoudis, S. G.; Chan, V. W. S.	Outcome Selection and Methodological Quality of Major and Minor Shoulder Surgery Studies: A Scoping Review	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Elbuluk, A. M.; Coxe, F. R.; Fabricant, P. D.; Ramos, N. L.; Alaia, M. J.; Jones, K. J.	Does Medial-Row Fixation Technique Affect the Retear Rate and Functional Outcomes After Double-Row Transosseous-Equivalent Rotator Cuff Repair?	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Elgert, L.; Steiner, B.; Saalfeld, B.; Marschollek, M.; Wolf, K. H.	Health-Enabling Technologies to Assist Patients With Musculoskeletal Shoulder Disorders When Exercising at Home: Scoping Review	2021	Systematic Review
Elhassan, B. T.; Sanchez-Sotelo, J.; Wagner, E. R.	Outcome of arthroscopically assisted lower trapezius transfer to reconstruct massive irreparable posterior-superior rotator cuff tears	2020	No comparison group; Mixed Population w/o Stratification (see extended note)

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Elhassan, B. T.; Wagner, E. R.; Kany, J.	Latissimus dorsi transfer for irreparable subscapularis tear	2020	No comparison group
Eliason, A.; Werner, S.; Engstrom, B.; Harringe, M.	Home training with or without joint mobilization compared to no treatment: a randomized controlled trial	2022	Non-surgical population and not relevant to PICO 3 or 6
Elliott, R. S. J.; Lim, Y. J.; Coghlan, J.; Troupis, J.; Bell, S.	Structural integrity of rotator cuff at 16 years following repair: good long-term outcomes despite recurrent tears	2019	No extractable data for risk factors. No relevant comparisons
ElMeligie, M. M.; Allam, N. M.; Yehia, R. M.; Ashour, A. A.	Systematic review and meta-analysis on the effectiveness of ultrasound-guided versus landmark corticosteroid injection in the treatment of shoulder pain: an update	2023	systematic review
Elmorsy, S.; Tang, Q. O.; Tayyem, M.; Amirthanayagam, T.; Ravenscroft, M.; Makki, D.	Arthroscopic Superior Capsular Reconstruction for Management of Massive Irreparable Rotator Cuff Tears: A Simple Alternative Technique	2021	technique review
Emerson, C. P.; Balazs, G. C.; Lee, S. C.; Dines, J. S.; Jose, J.; Greditzer, H. G. th	Magnetic resonance imaging of the failed superior capsular reconstruction	2020	Small Sample Size: 11 total patients comprised the study cohort
Endell, D.; Audige, L.; Grob, A.; Schwyzer, H. K.; Glanzmann, M.; Marzel, A.; Scheibel, M.	Impact of Sports Activity on Medium-Term Clinical and Radiological Outcome after Reverse Shoulder Arthroplasty in Cuff Deficient Arthropathy; An Institutional Register-Based Analysis	2021	irrelevant comparison: type of post op sports participation
Endell, D.; Audige, L.; Imiolczyk, J. P.; Scheibel, M.; Freisleder, F.	Is it worth the risk? Clinical and radiographic outcomes 24 months after reverse shoulder arthroplasty in an advanced geriatric population	2022	Mixed Population w/o Stratification: 72% pts have cuff tear arthropathy
Eng, K.; Eyre-Brook, A.; Shields, D. W.	A Systematic Review of the Utility of Intraoperative Navigation During Total Shoulder Arthroplasty	2022	Systematic Review
Engel, N. M.; Holschen, M.; Schorn, D.; Witt, K. A.; Steinbeck, J.	Results after primary reverse shoulder arthroplasty with and without subscapularis repair: a prospective-randomized trial	2023	unclear if pts have tears, tear types not specified
Entezari, V.; Henry, T.; Zmistowski, B.; Sheth, M.; Nicholson, T.; Namdari, S.	Clinically significant subscapularis failure after anatomic shoulder arthroplasty: is it worth repairing?	2020	less than 10 patients in comparison group; irrelevant comparison (SC repair [secondary] vs. revision to RSA)
Epelboym, Y.; Glaser, C.; Lan, Z.; Mandell, J. C.; Burch, E.; Killoran, T.; Guermazi, A.	Transcatheter arterial tendinopathy embolization as a treatment for painful and refractory tendinopathy: a systematic review and meta-analysis	2024	Systematic Review; Bib Review Completed
Epstein, S.; Sparer, E. H.; Tran, B. N.; Ruan, Q. Z.; Dennerlein, J. T.; Singhal, D.; Lee, B. T.	Prevalence of Work-Related Musculoskeletal Disorders Among Surgeons and Interventionalists: A Systematic Review and Meta-analysis	2018	Systematic Review of Irrelevant Topic (Disorders among Surgeons)
Eren, T. K.; Aktas, E.; Kaptan, A. Y.; Ayanoglu, T.; Ulucakoy, C.; Kanatli, U.	Recurrent anterior shoulder instability in patients 40-60 years old. Accompanying injuries and patient outcomes of arthroscopic repair	2021	no comparison group; irrelevant population: recurrent anterior shoulder instability

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Ergun, S.; Akgun, U.; Barber, F. A.; Karahan, M.	The Clinical and Biomechanical Performance of All-Suture Anchors: A Systematic Review	2020	Systematic Review
Ergun, S.; Akgun, U.; Karahan, M.	The effect of loop size on loop security and elongation of a knot	2020	Not a human subject study
Ergun, S.; Cirdi, Y. U.; Baykan, S. E.; Akgun, U.; Karahan, M.	Clinical outcome comparison of suprapectoral and subpectoral tenodesis of the long head of the biceps with concomitant rotator cuff repair: A systematic review	2022	Systematic Review
Erickson, B. J.; Bohl, D. D.; Cole, B. J.; Verma, N. N.; Nicholson, G.; Romeo, A. A.; Harris, J. D.	Reverse Total Shoulder Arthroplasty: Indications and Techniques Across the World	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Erickson, B. J.; Chalmers, P. N.; D'Angelo, J.; Ma, K.; Romeo, A. A.	Performance and return to sport following rotator cuff surgery in professional baseball players	2019	Mixed Population w/o Stratification (see extended note)
Erickson, B. J.; Chalmers, P.; Shishani, Y.; Romeo, A. A.; Lederman, E. S.; Gobezie, R.	Can the reverse total shoulder arthroplasty provide as good of an outcome as an anatomic shoulder arthroplasty	2022	Mixed Population w/o Stratification: AVN, GHOA, instability arthropathy, PHFx sequelae, RCT, and RCTA
Erickson, B. J.; Ling, D.; Wong, A.; Eno, J. J.; Dines, J. S.; Dines, D. M.; Gulotta, L. V.	Does having a rotator cuff repair prior to reverse total shoulder arthroplasty influence the outcome?	2019	irrelevant comparison; previous repair vs. no repair before RSA
Erickson, B. J.; Shishani, Y.; Bishop, M. E.; Patel, M.; Jones, S.; Romeo, A. A.; Lederman, E. S.; Gobezie, R.	Subscapularis Repair During Reverse Total Shoulder Arthroplasty Using a Stem-Based Double-Row Repair: Sonographic and Clinical Outcomes	2020	no comparison group
Ernat, J. J.; Rakowski, D. R.; Casp, A. J.; Horan, M. P.; Millett, P. J.	Results of arthroscopic rotator cuff repair for calcific tendonitis: a comparative analysis	2022	Not a randomized controlled trial; PICO 2 is RCT only update; irrelevant comparison: ARCR w/ calcific tendonitis excision vs. ARCR
Ernstbrunner, L.; Andronic, O.; Grubhofer, F.; Camenzind, R. S.; Wieser, K.; Gerber, C.	Long-term results of reverse total shoulder arthroplasty for rotator cuff dysfunction: a systematic review of longitudinal outcomes	2019	Systematic Review; Bib Review Completed
Ernstbrunner, L.; El Nashar, R.; Bouaicha, S.; Wieser, K.; Gerber, C.	Scapular Morphologic Characteristics and Rotator Cuff Tear Pattern Are Independently Associated With Chronic Pseudoparalysis: A Matched-Pair Analysis of Patients With Massive Rotator Cuff Tears	2020	No Relevant Risk Factors: pseudoparalysis
Ernstbrunner, L.; El Nashar, R.; Favre, P.; Bouaicha, S.; Wieser, K.; Gerber, C.	Chronic Pseudoparalysis Needs to Be Distinguished From Pseudoparesis: A Structural and Biomechanical Analysis	2021	irrelevant comparison: pseudoparalysis vs. pseudoparesis

Authors	Article Title	Year	Reason for Exclusion
Ernstbrunner, L.; Wieser, K.; Catanzaro, S.; Agten, C. A.; Fornaciari, P.; Bauer, D. E.; Gerber, C.	Long-Term Outcomes of Pectoralis Major Transfer for the Treatment of Irreparable Subscapularis Tears: Results After a Mean Follow-up of 20 Years	2019	No comparison group; subgroup analysis not relevant and less than 10 pts/group
Ersen, A.; Bayram, S.; Can Atalar, A.; Demirhan, M.	Do we need to stabilize and treat the os acromiale when performing reverse shoulder arthroplasty?	2019	irrelevant comparison: os acromiale vs. no os acromiale; all patients received RSA
Ersever, E. M.; Guzel, N. A.; Genc, H.; Mulkoglu, C.	The Effects of Neuromuscular Electric Stimulation on Pain, Function, Muscle Strength and Muscle Architecture in Patients with Rotator Cuff Tendinopathies	2022	Non-surgical population and not relevant to PICO 3 or 6
Ersin, M.; Demirel, M.; Buget, M. I.; Edipoglu, I. S.; Atalar, A. C.; Ersen, A.	The effect of intravenous tranexamic acid on visual clarity during arthroscopic rotator cuff repair: A randomized, double-blinded, placebo-controlled pilot study	2020	Irrelevant Comparison: IV Tranexamic Acid vs. Control
Estevam, J. A.; Franco, E. S. B.; Kriebel, C. F.; Peccin, M. S.	Methodological Quality Analysis of Systematic Review for the Treatment of Rotator Cuff Disease	2021	systematic review
Ettinger, L.; Shaprio, M.; Karduna, A.	Muscle Activity Before and After Subacromial Injection	2021	irrelevant comparison: healthy controls
Eubank, B. H. F.; Lackey, S. W.; Slomp, M.; Werle, J. R.; Kuntze, C.; Sheps, D. M.	Consensus for a primary care clinical decision-making tool for assessing, diagnosing, and managing shoulder pain in Alberta, Canada	2021	irrelevant topic: consensus for a decision-making tool
Eubank, B. H. F.; Sheps, D. M.; Dennett, L.; Connick, A.; Bouliane, M.; Panu, A.; Harding, G.; Beaupre, L. A.	A scoping review and best evidence synthesis for treatment of partial-thickness rotator cuff tears	2024	Scoping Review
Eubank, B. H.; Emery, J. C. H.; Lafave, M. R.; Wiley, J. P.; Sheps, D. M.; Mohtadi, N. G.	Exploring the Business Case for Improving Quality of Care for Patients With Chronic Rotator Cuff Tears	2019	cost analysis
Eustace, S. K.; Murphy, A. N.; Hurley, D. J.; Abul, A. H. A.; Kavanagh, E.	MRI findings in atraumatic shoulder pain-patterns of disease correlated with age and gender	2023	no outcomes of interest
Evans, J. P.; Batten, T.; Bird, J.; Thomas, W. J.; Kitson, J. B.; Smith, C. D.	Survival of the Aequalis total shoulder replacement at a minimum 20-year follow-up: a clinical and radiographic study	2021	No comparison group; diagnosis not indicated
Evans, J. P.; Evans, J. T.; Craig, R. S.; Mohammad, H. R.; Sayers, A.; Blom, A. W.; Whitehouse, M. R.; Rees, J. L.	How long does a shoulder replacement last? A systematic review and meta-analysis of case series and national registry reports with more than 10 years of follow-up	2020	Systematic Review, Bib Review Complete

Authors	Article Title	Year	Reason for Exclusion
Evuarherhe, A., Jr.; Condrón, N. B.; Gilat, R.; Knapik, D. M.; Patel, S.; Wagner, K. R.; Garrigues, G. E.; Romeo, A.; Verma, N.; Cole, B. J.	Defining Clinically Significant Outcomes Following Superior Capsular Reconstruction With Acellular Dermal Allograft	2022	no comparison group; irrelevant population for PICO 8
Fackler, N. P.; Ehlers, C. B.; Callan, K. T.; Amirhekmat, A.; Smith, E. J.; Parisien, R. L.; Wang, D.	Statistical Fragility of Single-Row Versus Double-Row Anchoring for Rotator Cuff Repair: A Systematic Review of Comparative Studies	2022	systematic review
Fahy, K.; Galvin, R.; Lewis, J.; Mc Creesh, K.	Exercise as effective as surgery in improving quality of life, disability, and pain for large to massive rotator cuff tears: A systematic review & meta-analysis	2022	systematic review
Fairley, J. A.; Pollock, J. W.; McIlquham, K.; Lapner, P.	Bone channeling in arthroscopic rotator cuff repair: A systematic review and meta-analysis of level I studies	2023	systematic review
Fama, G.; Tagliapietra, J.; Belluzzi, E.; Pozzuoli, A.; Biz, C.; Ruggieri, P.	Mid-Term Outcomes after Arthroscopic "Tear Completion Repair" of Partial Thickness Rotator Cuff Tears	2021	No relevant comparison
Familiari, F.; Ammendolia, A.; Rupp, M. C.; Russo, R.; Pujia, A.; Montalcini, T.; Marotta, N.; Mercurio, M.; Galasso, O.; Millett, P. J.; Gasparini, G.; de Sire, A.	Efficacy of intra-articular injections of hyaluronic acid in patients with glenohumeral joint osteoarthritis: A systematic review and meta-analysis	2023	Systematic Review of Irrelevant Population: GHOA
Familiari, F.; Castricini, R.; Galasso, O.; Gasparini, G.; Ianno, B.; Ranuccio, F.	The 50 Highest Cited Papers on Rotator Cuff Tear	2021	Systematic Review
Fan, D.; Liu, X.; Ma, J.; Zhang, S.; Sun, J.; Li, Y.; Jiang, B.; Zhang, L.	Ultrasound Guidance Is Not Superior in Subacromial Bursa and Intraarticular Injections but Superior in Bicipital Groove: A Meta-analysis of Randomized Controlled Trials	2022	systematic review
Fan, N.; Yuan, S.; Du, P.; Wu, Q.; Li, J.; Kong, X.; Zhu, W.; Hong, G.; Zang, L.	The effects of smoking on clinical and structural outcomes after rotator cuff repair: a systematic review and meta-analysis	2022	systematic review
Fancher, A. J.; Mok, A. C.; Vopat, M. L.; Templeton, K.; Kimbrel, B. K.; Tarakemeh, A.; Mulcahey, M. K.; Mullen, S.; Schroepel, J. P.; Vopat, B. G.	Comparing Sex-Specific Outcomes After Rotator Cuff Repair: A Meta-analysis	2022	Systematic Review; Bib Review Completed
Fang, Y.; Zhang, Q.	Outcomes after rotator cuff repair in the elderly as assessed by the American Shoulder and Elbow Surgeons shoulder score	2020	systematic review, bib review complete
Fang, Y.; Zhang, S.; Xiong, J.; Zhang, Q.	A Modified Arthroscopic Triple-row Repair Technique for L-shaped Delaminated Rotator Cuff Tears	2024	Irrelevant Comparison: Triple Row vs. Suture Bridge

Authors	Article Title	Year	Reason for Exclusion
Fares, M. Y.; Koa, J.; Singh, J.; Abboud, J. A.	The Insertion of a Subacromial Balloon Spacer Can Provide Symptom Relief and Functional Improvement at a Minimum 5-Year Follow-Up in Patients With Massive Irreparable Rotator Cuff Tears	2024	Small Sample Size: 5 total patients
Farfaras, S.; Roshani, L.; Mulder, J.; Mitsios, N.; Hallstrom, E. K.; Kartus, J. T.	Increased levels of inflammatory markers in the subscapularis tendon and joint capsule in patients with subacromial impingement	2021	Irrelevant Topic: Histological Analysis; Small Sample Size: 8 Total Patients Analyzed
Fari, G.; Megna, M.; Ranieri, M.; Agostini, F.; Ricci, V.; Bianchi, F. P.; Rizzo, L.; Fari, E.; Tognolo, L.; Bonavolonta, V.; Fiore, P.; Reis, V. M.	Could the Improvement of Supraspinatus Muscle Activity Speed up Shoulder Pain Rehabilitation Outcomes in Wheelchair Basketball Players?	2022	Non-surgical population and not relevant to PICO 3 or 6
Faria-Silva, R.; de Rezende, D. C.; Ribeiro, J. M.; Gomes, T. H.; Oliveira, B. A.; Pereira, F. M.; de Almeida Filho, I. A.; de Carvalho Junior, A. E.	Association of clonidine and ropivacaine in brachial plexus block for shoulder arthroscopy	2016	Irrelevant Comparison: Brachial plexus block: clonidine (0.15mg) vs. ropivacaine (30ml)
Farladansky, E.; Hazan, S.; Maman, E.; Reuveni, A. M.; Cattan, A.; Matot, I.; Cohen, B.	Perioperative Oral Pregabalin Results in Postoperative Pain Scores Equivalent to Those of Interscalene Brachial Plexus Block After Arthroscopic Rotator Cuff Repair: A Randomized Clinical Trial	2022	irrelevant comparison: Perioperative Oral Pregabalin vs. Interscalene Brachial Plexus Block
Farley, K. X.; Wilson, J. M.; Spencer, C. C.; Karas, S.; Xerogeane, J.; Gottschalk, M. B.; Wagner, E. R.	Preoperative Opioid Use Is a Risk Factor for Revision Surgery, Complications, and Increased Resource Utilization After Arthroscopic Rotator Cuff Repair	2020	Tear type was unspecified
Farooq, H.; Kupfer, N.; Adams, W. H.; Garbis, N. G.	Subscapularis integrity and patient-reported outcomes after total shoulder arthroplasty: does time to mobilization matter?	2023	Irrelevant Population: TSA for confirmed OA
Farooqi, A. S.; Lee, A.; Novikov, D.; Kelly, A. M.; Li, X.; Kelly, J. D. th; Parisien, R. L.	Diagnostic Accuracy of Ultrasonography for Rotator Cuff Tears: A Systematic Review and Meta-analysis	2021	systematic review
Farshad, M.; Jundt-Ecker, M.; Sutter, R.; Schubert, M.; Gerber, C.	Does subacromial injection of a local anesthetic influence strength in healthy shoulders? A double-blinded, placebo-controlled study	2012	Irrelevant Population: Healthy Males
Faruque, R.; Matthews, B.; Bahho, Z.; Doma, K.; Manoharan, V.; Wilkinson, M.; McEwen, P.	Comparison Between 2 Types of Radiofrequency Ablation Systems in Arthroscopic Rotator Cuff Repair: A Randomized Controlled Trial	2019	no relevant outcomes: intraarticular heat generation and diathermy efficiency
Fassler, R.; Ling, K.; Tantone, R.; Komatsu, D. E.; Wang, E. D.	Chronic steroid use as a risk factor for postoperative complications following arthroscopic rotator cuff repair	2023	Tear type was unspecified

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Fathi, A.; Bashrum, B. S.; Kim, M. S.; Wang, J.; Mayfield, C. K.; Thompson, A. A.; Bolia, I. K.; Hasan, L. K.; Petrigliano, F. A.; Liu, J. N.; Weber, A. E.	Evaluation of Spin in Reviews of Biodegradable Balloon Spacers for Massive, Irreparable Rotator Cuff Tears	2023	systematic review, bib review complete
Fatima, A.; Darain, H.; Gilani, S. A.; Ahmad, A.; Hanif, A.; Kazmi, S.	Role of extracorporeal shockwave therapy in patients with rotator cuff tendinopathy: synthetic analysis of last two decades	2021	systematic review
Fawcett, R.; Grainger, A.; Robinson, P.; Jafari, M.; Rowbotham, E.	Ultrasound-guided subacromial-subdeltoid bursa corticosteroid injections: a study of short- and long-term outcomes	2018	all patients received same injection
Fei, Y.; Wan, Y.; Xu, L.; Huang, Z.; Ruan, D.; Wang, C.; He, P.; Zhou, X.; Heng, B. C.; Niu, T.; Shen, W.; Wu, Y.	Novel methods to diagnose rotator cuff tear and predict post-operative Re-tear: Radiomics models	2024	irrelevant topic: radiomics model for diagnosis
Felsch, Q.; Mai, V.; Durchholz, H.; Flury, M.; Lenz, M.; Capellen, C.; Audige, L.	Complications Within 6 Months After Arthroscopic Rotator Cuff Repair: Registry-Based Evaluation According to a Core Event Set and Severity Grading	2021	irrelevant comparison by tear type; all patients underwent ARCR
Feltri, P.; Gonalba, G. C.; Boffa, A.; Candrian, C.; Menon, A.; Randelli, P. S.; Filardo, G.	Platelet-rich plasma does not improve clinical results in patients with rotator cuff disorders but reduces the retear rate. A systematic review and meta-analysis	2023	systematic review, bib review complete
Feltri, P.; Monteleone, A. S.; Audige, L.; Marbach, F.; Filardo, G.; Candrian, C.	Patients with rotator cuff tears present a psychological impairment, not only a functional deficit: a systematic review	2023	systematic review
Feltri, P.; Monteleone, A. S.; Marbach, F.; Filardo, G.; Candrian, C.	Arthroscopic rotator cuff repair: patients with physically demanding work have significantly worse time to return to work, level of employment, and job loss	2023	no relevant outcomes
Feng, S.; Li, H.; Zhong, Y.; Xie, Y.; Chen, J.; Chen, Y.; Chen, S.	Functional and Structural Outcomes After Arthroscopic Rotator Cuff Repair With or Without Preoperative Corticosteroid Injections	2023	includes partial thickness tears- does not stratify results
Ferenczi, A.; Ostertag, A.; Lasbleiz, S.; Lefevre, C.; Petrover, D.; Yelnik, A.; Orcel, P.; Beaudreuil, J.	Value of a clinical test of sub-acromial impingement to predict response to physiotherapy with dynamic humeral centering: A preliminary study	2022	no relevant outcomes
Ferlito, R.; Testa, G.; McCracken, K. L.; Moscato, S.; Zerbito, G. M.; Panvini, F. M. C.; Blatti, C.; Pavone, V.; Sapienza, M.	Effectiveness of Therapeutical Interventions on the Scapulothoracic Complex in the Management of Patients with Subacromial Impingement and Frozen Shoulder: A Systematic Review	2023	Systematic Review; Bib Review Completed

Authors	Article Title	Year	Reason for Exclusion
Fernandez-de-Las-Penas, C.; Navarro-Santana, M. J.; Cleland, J. A.; Arias-Buria, J. L.; Plaza-Manzano, G.	Evidence of Bilateral Localized, but Not Widespread, Pressure Pain Hypersensitivity in Patients With Upper Extremity Tendinopathy/Overuse Injury: A Systematic Review and Meta-Analysis	2021	systematic review
Fernández-López, I.; Peña-Otero, D.; Eguillor-Mutiloa, M.; Bravo-Llatas, C.; Atán-Arratibel, M. D. L. A.	Manual therapy on the diaphragm is beneficial in reducing pain and improving shoulder mobility in subjects with rotator cuff injury: A randomized trial	2023	Non-surgical population and not relevant to PICO 3 or 6
Fernandez-Matias, R.; Gallardo-Zamora, P.; Sanchez-Aguilera, C. L.; Mardones-Varela, H.; Gallego-Izquierdo, T.; Pecos-Martin, D.	Reliability of the Scapula Reposition Test in Subjects with Rotator Cuff Tendinopathy and Scapular Dyskinesis	2019	no outcomes of interest, also irrelevant topic rotator cuff tendinopathy
Fernandez-Matias, R.; Garcia-Perez, F.; Requejo-Salinas, N.; Gavin-Gonzalez, C.; Martinez-Martin, J.; Garcia-Valencia, H.; Florez-Garcia, M. T.	Content reporting and effectiveness of therapeutic exercise in the management of massive rotator cuff tears: A systematic review with 490 patients	2023	Systematic review, bib review complete
Ferrando, A.; Kingston, R.; Delaney, R. A.	Superior capsular reconstruction using a porcine dermal xenograft for irreparable rotator cuff tears: outcomes at minimum two-year follow-up	2021	irrelevant comparison: repairable subscapularis vs. intact subscapularis
Feuerriegel, G. C.; Kopp, F. K.; Pfeiffer, D.; Pogorzelski, J.; Wurm, M.; Leonhardt, Y.; Boehm, C.; Kronthaler, S.; Karampinos, D. C.; Neumann, J.; Schwaiger, B. J.; Makowski, M. R.; Woertler, K.; Gersing, A. S.	Evaluation of MR-derived simulated CT-like images and simulated radiographs compared to conventional radiography in patients with shoulder pain: a proof-of-concept study	2022	not specifically rotator cuff tears
Feuerriegel, G. C.; Marcus, R. P.; Sommer, S.; Wieser, K.; Bouaicha, S.; Sutter, R.	Fat Fractions of the Rotator Cuff Muscles Acquired With 2-Point Dixon MRI: Predicting Outcome After Arthroscopic Rotator Cuff Repair	2023	irrelevant population; conservative treatment not described; physical therapy not mentioned
Fieseler, G.; Laudner, K.; Cornelius, J.; Schulze, S.; Delank, K. S.; Schwesig, R.	Longitudinal Analysis of the ASES and Constant-Murley Scores, and the Internal Rotation/Shift and Jobe Tests Following Arthroscopic Repair of Supraspinatus Lesions	2023	inadequate follow-up time (6 mos) - no adverse events reporting
Figueiredo, J. A.; Sarmiento, M.; Moura, N.; Gomes, D. S.; Cartucho, A.	Knotted or knotless double-row rotator cuff repair retear rates: a systematic review and meta-analysis	2024	Systematic Review, Bib Review Complete
Filardo, G.; Di Matteo, B.; Kon, E.; Merli, G.; Marcacci, M.	Platelet-rich plasma in tendon-related disorders: results and indications	2018	Systematic Review; All reviewed articles published b4 previous guideline.

Authors	Article Title	Year	Reason for Exclusion
Filer, J. L.; Tucker, D.; Sarangi, P.; McCann, P.	The Influence of Critical Shoulder Angle in Secondary Rotator Cuff Failure After Shoulder Replacement: An Age- and Sex-Matched Case-Control Study	2021	Irrelevant Population: Glenohumeral Osteoarthritis; Irrelevant topic
Finger, L.; Dunn, R.; Hughes, J.; Lesniak, B.; Lin, A.	Clinical outcomes secondary to time to surgery for atraumatic rotator cuff tears	2022	irrelevant comparison: early vs. delayed time to surgery
Finnan, R. P.; Crosby, L. A.	Partial-thickness rotator cuff tears	2010	Narrative Review
Fisk, F.; Franovic, S.; Tramer, J. S.; Gulledge, C.; Kuhlmann, N. A.; Chen, C.; Moutzouros, V.; Muh, S.; Makhni, E. C.	PROMIS CAT forms demonstrate responsiveness in patients following arthroscopic rotator cuff repair across numerous health domains	2019	no comparison group; irrelevant topic
Flaherty, J. M.; Berg, A. A.; Harrison, A.; Braman, J.; Pearson, J. M.; Matelich, B.; Kaizer, A. M.; Hutchins, J. L.	Comparing liposomal bupivacaine plus bupivacaine to bupivacaine alone in interscalene blocks for rotator cuff repair surgery: a randomized clinical trial	2022	irrelevant comparison: liposomal bupivacaine vs. bupivacaine alone
Flinkkila, T.; Vahakuopus, M.; Sirnio, K.; Falkenbach, P.	Cost-effectiveness of shoulder arthroplasty for osteoarthritis and rotator cuff tear arthropathy. An economic analysis using real-world data	2024	cost analysis; all patients with CTA received same intervention
Flurin, P. H.; Tams, C.; Simovitch, R. W.; Knudsen, C.; Roche, C.; Wright, T. W.; Zuckerman, J.; Schoch, B. S.	Comparison of survivorship and performance of a platform shoulder system in anatomic and reverse total shoulder arthroplasty	2020	Mixed Population w/o Stratification: OA, OA and Rotator cuff insufficiency, Rotator cuff insufficiency
Flury, M.; Kwisda, S.; Kolling, C.; Audige, L.	Latissimus dorsi muscle transfer reduces external rotation deficit at the cost of internal rotation in reverse shoulder arthroplasty patients: a cohort study	2019	Mixed population of arthropathy and no arthropathy
Flury, M.; Rickenbacher, D.; Jung, C.; Schneider, M. M.; Endell, D.; Audige, L.	Porcine Dermis Patch Augmentation of Supraspinatus Tendon Repairs: A Pilot Study Assessing Tendon Integrity and Shoulder Function 2 Years After Arthroscopic Repair in Patients Aged 60 Years or Older	2018	duplicate to AAOS ID 15075
Flynn, L.; Patrick, M. R.; Roche, C.; Zuckerman, J. D.; Flurin, P. H.; Crosby, L.; Friedman, R.; Wright, T. W.	Anatomical and reverse shoulder arthroplasty utilizing a single implant system with a platform stem: A prospective observational study with midterm follow-up	2020	Mixed population and population differed between intervention type
Forcin Favaro, I.; Martins, J.; Rossi, D. M.; de Lima Boarati, E.; Felipe de Moraes, M.; Oliveira, A. S.	Laser-Pointer assisted angle reproduction test (LP-ART): reliability, performance, and correlation with shoulder pain and disability in patients with subacromial pain syndrome	2023	no relevant outcomes: provides inter and intra reliability; no comparison measurement
Forlenza, E. M.; Lu, Y.; Cohn, M. R.; Baker, J.; Lavoie-Gagne, O.; Yanke, A. B.; Cole, B. J.; Verma, N. N.; Forsythe, B.	Establishing Clinically Significant Outcomes for Patient-Reported Outcomes Measurement Information System After Biceps Tenodesis	2021	Inadequate follow-up time; No comparison group; Mixed Population w/o Stratification

Authors	Article Title	Year	Reason for Exclusion
Forlizzi, J. M.; Puzzitiello, R. N.; Hart, P. A.; Churchill, R.; Jawa, A.; Kirsch, J. M.	Predictors of poor and excellent outcomes after reverse total shoulder arthroplasty	2022	no comparison group; irrelevant population for PICO 8
Forsythe, B.; Agarwalla, A.; Puzzitiello, R. N.; Patel, B. H.; Lu, Y.; Verma, N. N.; Romeo, A. A.; Cole, B. J.	Clinical Function Improves After Subacromial Injection of Local Anesthetic in Full-Thickness Rotator Cuff Tears: A Randomized Control Trial	2020	Irrelevant Comparison: Lidocaine vs. Control
Forsythe, B.; Agarwalla, A.; Puzzitiello, R. N.; Sumner, S.; Romeo, A. A.; Mascarenhas, R.	The Timing of Injections Prior to Arthroscopic Rotator Cuff Repair Impacts the Risk of Surgical Site Infection	2019	Tear type was unspecified
Forsythe, B.; Berlinberg, E. J.; Diaz, C. C.; Korrapati, A.; Agarwalla, A.; Patel, H. H.; Cole, B. J.; Cvetanovich, G. L.; Yanke, A. B.; Romeo, A. A.; Verma, N. N.	No Difference in Clinical Outcomes for Arthroscopic Suprapectoral Versus Open Subpectoral Biceps Tenodesis at Midterm Follow-up: A Randomized Prospective Analysis	2022	irrelevant population; long head of the biceps tendon (LHBT) pathology
Fortney, T. A.; Leinweber, K. A.; Lewis, C. Y.; Holte, A. J.; Lucas, A. P.; Bell, J. E.	Long-term results of shoulder resurfacing hemiarthroplasty: Poor functional outcomes in rotator cuff deficient patients	2020	Mixed Population w/o Stratification; no relevant comparisons
Fossati, C.; Stoppani, C.; Menon, A.; Pierannunzii, L.; Compagnoni, R.; Randelli, P. S.	Arthroscopic rotator cuff repair in patients over 70 years of age: a systematic review	2021	systematic review
Foti, G.; Mantovani, W.; Catania, M.; Avanzi, P.; Caia, S.; Zorzi, C.; Carbognin, G.	Evaluation of glenoid labral tears: comparison between dual-energy CT arthrography and MR arthrography of the shoulder	2020	irrelevant population: glenoid labral tear
Fourman, M. S.; Beck, A.; Gasbarro, G.; Irrgang, J. J.; Rodosky, M. W.; Lin, A.	Humeral head resurfacing is associated with less pain and clinically equivalent functional outcomes compared with stemmed hemiarthroplasty at mid-term follow-up	2019	no tears in population
Franceschetti, E.; Giovannetti de Sanctis, E.; Palumbo, A.; Paciotti, M.; La Verde, L.; Maffulli, N.; Franceschi, F.	The management of the long head of the biceps in rotator cuff repair: A comparative study of high vs. subpectoral tenodesis	2023	Mixed partial and full thickness tears; irrelevant comparison given the population
Franceschetti, E.; Palumbo, A.; Baldari, A.; De Angelis D'Ossat, G. M.; Paciotti, M.; Papapietro, N.; Marinozzi, A.; Franceschi, F.	Clinical results of humeral stem lateralization in reverse shoulder arthroplasty: Comparative study of 145° onlay curved stem vs 155° inlay straight stem	2020	Mixed Population w/o Stratification
Franceschi, F.; Giovannetti de Sanctis, E.; Cristalli, E.	Shaping the bone autograft for reverse total shoulder arthroplasty without the use of any specific instrumentation	2024	Technique Description

Authors	Article Title	Year	Reason for Exclusion
Franceschi, F.; Papalia, R.; Del Buono, A.; Vasta, S.; Costa, V.; Maffulli, N.; Denaro, V.	Articular-sided rotator cuff tears: which is the best repair? A three-year prospective randomised controlled trial	2013	Duplicate article - same as AAOS ID 15176
Franchini, M.; Cruciani, M.; Mengoli, C.; Marano, G.; Pupella, S.; Veropalumbo, E.; Masiello, F.; Pati, I.; Vaglio, S.; Liumbruno, G. M.	Efficacy of platelet-rich plasma as conservative treatment in orthopaedics: A systematic review and meta-analysis	2018	systematic review, bib review complete
Franco, E. S. B.; Puga, Meds; Imoto, A. M.; Almeida, J.; Mata, V. D.; Peccin, S.	What do Cochrane Systematic Reviews say about conservative and surgical therapeutic interventions for treating rotator cuff disease? Synthesis of evidence	2019	systematic review
Frank, R. M.; Romeo, A. A.; Richardson, C.; Sumner, S.; Verma, N. N.; Cole, B. J.; Nicholson, G. P.; Provencher, M. T.	Outcomes of Latarjet Versus Distal Tibia Allograft for Anterior Shoulder Instability Repair: A Matched Cohort Analysis	2018	irrelevant population: No rotator cuff tears
Franke, K. J.; Christmas, K. N.; Downes, K. L.; Mighell, M. A.; Frankle, M. A.	Does the etiology of a failed hemiarthroplasty affect outcomes when revised to a reverse shoulder arthroplasty?	2020	irrelevant population; RCT arthropathy only 18.8%
Franke, K. J.; Christmas, K. N.; Simon, P.; Mighell, M. A.; Frankle, M. A.	The effect of glenoid bone loss and rotator cuff status in failed anatomic shoulder arthroplasty after revision to reverse shoulder arthroplasty	2021	no comparison group; mixed indications for revision RSA
Frantz, T. L.; Shacklett, A. G.; Martin, A. S.; Barlow, J. D.; Jones, G. L.; Neviaser, A. S.; Cvetanovich, G. L.	Biceps Tenodesis for Superior Labrum Anterior-Posterior Tear in the Overhead Athlete: A Systematic Review	2021	systematic review, bib review complete
Fraser, A. N.; Boe, B.; Fjalestad, T.; Madsen, J. E.; Rohrl, S. M.	Stable glenoid component of reverse total shoulder arthroplasty at 2 years as measured with model-based radiostereometric analysis (RSA)	2021	Irrelevant population: only 3 patients had tears in study group
Fredrickson, M. J.; Abeysekera, A.; Price, D. J.; Wong, A. C.	Patient-initiated mandatory boluses for ambulatory continuous interscalene analgesia: an effective strategy for optimizing analgesia and minimizing side-effects	2011	Irrelevant Comparison: see extended notes
Freisleder, F.; Moroder, P.; Audige, L.; Schneller, T.; Ameziane, Y.; Trefzer, R.; Imiolczyk, J. P.; Scheibel, M.	Analysis of three different reverse shoulder arthroplasty designs for cuff tear arthropathy - the combination of lateralization and distalization provides best mobility	2024	Mixed population w/ and w/o arthropathy
Freisleder, F.; Toft, F.; Imiolczyk, J. P.; Scheibel, M.; Audige, L.	Advanced cuff tear arthropathy: classic indication for a Grammont-style reverse shoulder arthroplasty implant or does bipolar lateralization perform better?	2024	less than 10 patients per group (n=8/n=20)

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Freshman, R. D.; Oeding, J. F.; Anigwe, C.; Zhang, A. L.; Feeley, B. T.; Ma, C. B.; Lansdown, D. A.	Pre-existing Mental Health Diagnoses Are Associated With Higher Rates of Postoperative Complications, Readmissions, and Reoperations Following Arthroscopic Rotator Cuff Repair	2023	Tear type was unspecified
Frich, L. H.; Fernandes, L. R.; Schroder, H. D.; Hejbol, E. K.; Nielsen, P. V.; Jorgensen, P. H.; Stensballe, A.; Lambertsen, K. L.	The inflammatory response of the supraspinatus muscle in rotator cuff tear conditions	2021	irrelevant topic: histological analysis of biopsies
Friedman, R. J.; Cheung, E. V.; Flurin, P. H.; Wright, T.; Simovitch, R. W.; Bolch, C.; Roche, C. P.; Zuckerman, J. D.	Are Age and Patient Gender Associated With Different Rates and Magnitudes of Clinical Improvement After Reverse Shoulder Arthroplasty?	2018	irrelevant population: cuff tear arthropathy or osteoarthritis with rotator cuff tear
Friedman, R. J.; Schoch, B. S.; Eichinger, J. K.; Neel, G. B.; Boettcher, M. L.; Flurin, P. H.; Wright, T. W.; Zuckerman, J. D.; Roche, C.	Comparison of Reverse and Anatomic Total Shoulder Arthroplasty in Patients With an Intact Rotator Cuff and No Previous Surgery	2022	Irrelevant Population: OA w/ Intact Rotator Cuff
Fritz, J.; Meshram, P.; Stern, S. E.; Fritz, B.; Srikumaran, U.; McFarland, E. G.	Diagnostic Performance of Advanced Metal Artifact Reduction MRI for Periprosthetic Shoulder Infection	2022	irrelevant topic: diagnosis of periprosthetic shoulder infection post arthroplasty
Fu, M. C.; O'Donnell, E. A.; Taylor, S. A.; Aladesuru, O. M.; Rauck, R. C.; Dines, J. S.; Dines, D. M.; Warren, R. F.; Gulotta, L. V.	Delay to Arthroscopic Rotator Cuff Repair Is Associated With Increased Risk of Revision Rotator Cuff Surgery	2020	Mixed Population w/o Stratification: partial and full thickness tears.
Fu, X.; Yung, P. S.; Ma, C. C.; Leong, H. T.	Scapular Kinematics in Athletes With and Without Rotator Cuff Tendinopathy: A Systematic Review	2020	systematic review
Fujiwara, Y.; Yamamoto, S.; Kato, Y.; Kurata, S.; Fujii, S.; Inoue, K.; Inoue, T.; Mondori, T.; Nakagawa, Y.; Tanaka, Y.	Usefulness of ultrasound in diagnosing long head of the biceps tendon malposition in patients with rotator cuff tears	2022	irrelevant topic: diagnosis of LHBT malposition
Fukuda, H.	The management of partial-thickness tears of the rotator cuff	2003	review article; Study published prior to previous CPG publication date.
Funakoshi, T.; Hartzler, R. U.; Stewien, E.; Burkhart, S. S.	Hill-Sachs Lesion Classification by the Glenoid Track Paradigm in Shoulder Instability: Poor Agreement Between 3-Dimensional Computed Tomographic and Arthroscopic Methods	2019	irrelevant population: hill sachs lesion; 16 total patients
Funakoshi, T.; Koga, R.; Koda, S.; Miyamoto, A.; Tsukamoto, N.; Suzuki, H.	Drug-dependent analgesic efficacy in interscalene block for postoperative pain after arthroscopic rotator cuff repair: a comparison between ropivacaine and levobupivacaine	2023	irrelevant comparison: ropivacaine +dexamethasone vs. levobupivacaine +dexamethasone

Authors	Article Title	Year	Reason for Exclusion
Kusano, H.; Takahashi, T.; Yamamoto, Y.			
Funasaki, H.; Yoshida, M.; Kato, S.; Kato, M.; Tanaka, K.; Tokashiki, T.	Signal intensity on MRI after conservative treatment of patients with full-thickness rotator cuff tears: Correlation with shoulder pain	2023	irrelevant topic: HSI volumes post conservative treatment; non-diagnostic
Furrer, P. R.; Borbas, P.; Egli, R. J.; Zindel, C.; Wieser, K.; Bouaicha, S.	MRI findings of traumatic and degenerative rotator cuff tears and introduction of the "cobra sign"	2023	all patients had tears; distinguishing between traumatic and degenerative using MRI signs
Furtado, R.; Bobos, P.; Ziebart, C.; Vincent, J.; MacDermid, J.	Patient-reported outcome measures used for shoulder disorders: An overview of systematic reviews	2022	systematic review
Furtado, R.; MacDermid, J. C.; Nazari, G.; Bryant, D. M.; Faber, K. J.; Athwal, G. S.	Cross-cultural adaptations and measurement properties of the WORC (Western Ontario rotator cuff index): a systematic review	2020	systematic review, bib review complete
Furtado, R.; Nazari, G.; MacDermid, J. C.	A systematic review of the cross-cultural adaptations and measurement properties of the Shoulder Pain and Disability Index	2019	systematic review
Furuhata, R.; Matsumura, N.; Matsuo, T.; Kimura, H.; Suzuki, T.; Nakamura, M.; Iwamoto, T.	Evaluation of Radiographic Changes 5 Years After Arthroscopic Rotator Cuff Repair	2022	Tear type was unspecified
Furuhata, R.; Matsumura, N.; Oki, S.; Nishikawa, T.; Kimura, H.; Suzuki, T.; Nakamura, M.; Iwamoto, T.	Risk factors of radiographic severity of massive rotator cuff tear	2022	irrelevant topic: risk factors of radiographic severity preop
Gabig, A. M.; Burkhart, S. S.; Denard, P. J.; Proffitt, J. M.; Hartzler, R. U.	Similar Value Demonstrated in the Short-Term Outcomes of Superior Capsular Reconstruction and Reverse Shoulder Arthroplasty for Massive Rotator Cuff Tears	2023	Cost Analysis; Mixed population of arthropathy (grade 4), unknown Hamada grade, and no arthropathy w/o stratification
Gabriel, S.; Tucker, T.; Boin, M. A.	A narrative review of non-infected painful total shoulder arthroplasty: evaluation and treatment	2023	Narrative Review
Gagnier, J.; Bedi, A.; Carpenter, J.; Robbins, C.; Miller, B.	A 5-Year Follow-up of Patients Treated for Full-Thickness Rotator Cuff Tears: A Prospective Cohort Study	2021	No extractable data
Galasso, O.; Mantovani, M.; Muraccini, M.; Berardi, A.; De Benedetto, M.; Orlando, N.; Gasparini, G.; Castricini, R.	The latissimus dorsi tendon functions as an external rotator after arthroscopic-assisted transfer for massive irreparable posterosuperior rotator cuff tears	2020	irrelevant comparison: vs. healthy volunteers

Authors	Article Title	Year	Reason for Exclusion
Galetta, M. D.; Keller, R. E.; Sabbag, O. D.; Linderman, S. E.; Fury, M. S.; Medina, G.; O'Donnell, E. A.; Cheng, T. T. W.; Harris, E.; Oh, L. S.	Rehabilitation variability after rotator cuff repair	2021	irrelevant topic: variability of published RCR rehab protocols
Galhoum, M. S.; Elsheikh, A. A.; Wood, A.; Yin, Q.; Frostick, S. P.	Anatomic and Reverse Stemless Shoulder Arthroplasty: Functional and Radiological Evaluation	2022	irrelevant population; irreparable tears only 2%; GHOA main indication
Gallagher, V.; Buchanan, J.; Harris, J.; McCrum, C.	Audit: sonographic report correlation against surgical findings during elective shoulder surgery	2022	Less than 20 patients for relevant outcomes.
Gallinet, D.; Barth, J.; Labattut, L.; Collin, P.; Metais, P.; Bonnevalle, N.; Godeneche, A.; Garret, J.; Clavert, P.	Benefits of distal clavicle resection during rotator cuff repair: Prospective randomized single-blind study	2020	irrelevant comparison: RCR w/ distal clavicle resection vs. RCR only
Gallinet, D.; Hubert, L.; Guery, J.; Garret, J.; Nerot, C.; Godeneche, A.	Intraoperative repair of functional subscapularis during RSA by deltopectoral approach could improve internal rotation but does not prevent anterior dislocation	2024	Mixed Population w/o Stratification: primary OA, secondary OA due to RC tears, and irreparable mRCT
Gallorini, M.; Berardi, A. C.; Gissi, C.; Cataldi, A.; Osti, L.	Nrf2-mediated cytoprotective effect of four different hyaluronic acids by molecular weight in human tenocytes	2020	Not a human subject study
Galvin, J. W.; Kim, R.; Ment, A.; Durso, J.; Joslin, P. M. N.; Lemos, J. L.; Novikov, D.; Curry, E. J.; Alley, M. C.; Parada, S. A.; Eichinger, J. K.; Li, X.	Outcomes and complications of primary reverse shoulder arthroplasty with minimum of 2 years' follow-up: a systematic review and meta-analysis	2022	systematic review
Galvin, J. W.; Stevin, J.; Yu, H. H.; Turner, E. K.; Tokish, J. M.; Grassbaugh, J. A.; Arrington, E. D.	Rate and time to return to shooting following arthroscopic and open shoulder surgery	2022	irrelevant population; RC tear only 3.5%
Gambhir, N.; Shankar, D.; Alben, M.; Kwon, Y.; Rokito, A.; Virk, M. S.	The effects of obesity on 1-year functional outcomes after arthroscopic rotator cuff tear repair	2022	Both full thickness and partial thickness tears included without stratification.
Gan, K.; Bi, M.; Zhou, K.; Xia, C.; Ding, W.; Ding, S.; Li, J.	Bridging repair reinforced with artificial ligament as an internal brace for irreparable massive rotator cuff tears	2024	Mixed population w/ and w/o arthropathy
Gao, I.; Sochacki, K. R.; Freehill, M. T.; Sherman, S. L.; Abrams, G. D.	Superior Capsular Reconstruction: A Systematic Review of Surgical Techniques and Clinical Outcomes	2021	systematic review
Gao, J. H.; Zhou, J. Y.; Li, H.; Li, H. Y.	Sling Versus Abduction Brace Shoulder Immobilization After Arthroscopic Rotator Cuff Repair: A Systematic Review and Meta-analysis	2023	Systematic Review; Bib Review Completed

Authors	Article Title	Year	Reason for Exclusion
Gao, Y.; Wu, K.; Guo, J.; Cheng, M.	A clinical study of shoulder arthroscopic rotator cuff repair on the psychological function of patients after operation	2020	No comparison - all patients underwent repair
Garcia, J. R.; Cannon, D.; Rodriguez, H. C.; Grewal, G.; Lewis, S.; Lapica, H.; Levy, J. C.	Comparison of reverse shoulder arthroplasty and total shoulder arthroplasty for patients with inflammatory arthritis	2023	irrelevant population: inflammatory arthritis w/ mostly intact rotator cuff
Garcia, T.; Fragao-Marques, M.; Pimentao, P.; Pinto, M.; Pedro, I.; Martins, C.	Tranexamic acid in total shoulder arthroplasty under regional anesthesia: a randomized, single blinded, controlled trial	2022	Irrelevant Comparison: Tranexamic Acid vs. Control
Garcia-Collado, A.; Valera-Calero, J. A.; Fernandez-de-Las-Penas, C.; Arias-Buria, J. L.	Effects of Ultrasound-Guided Nerve Stimulation Targeting Peripheral Nerve Tissue on Pain and Function: A Scoping Review	2022	Systematic Review
Garcia-Fernandez, C.; Lopiz, Y.; Arvinus, C.; Ponz, V.; Alcobia-Diaz, B.; Checa, P.; Galan-Olleros, M.; Marco, F.	Dislocation after reverse total shoulder arthroplasty using contemporary medialized modular systems. Can we still consider it such a frequent complication?	2022	irrelevant population; RCT arthropathy only 64%
Garibaldi, R.; Altomare, D.; Sconza, C.; Kon, E.; Castagna, A.; Marcacci, M.; Monina, E.; Di Matteo, B.	Conservative management vs. surgical repair in degenerative rotator cuff tears: a systematic review and meta-analysis	2021	systematic review
Garofalo, R.; De Crescenzo, A.; Fontanarosa, A.; Conti, M.; Castagna, A.; Calbi, R.	Rotator cuff repair protected with subacromial balloon spacer shows a low rate of non-healing	2022	No comparison group
Garofalo, R.; Fontanarosa, A.; De Crescenzo, A.; Conti, M.; Calbi, R.; Castagna, A.	Does arthroscopic superior capsule reconstruction using porcine dermal xenograft represent a viable option in case of massive irreparable posterosuperior rotator cuff tear?	2023	No comparison group
Garriguez-Perez, D.; Lopiz, Y.; Garcia-Fernandez, C.; Marco, F.	Poor Results After Arthroscopic Treatment of Irreparable Rotator Cuff Tears Using a Subacromial Balloon Spacer	2022	no comparison group
Garthe, T. L.; Jacob, L.; Kostev, K.	Association between corticosteroid therapy and diagnosis of non-traumatic rotator cuff tear or rupture in patients followed in orthopedic practices in Germany	2021	irrelevant comparison group: healthy controls
Gartsman, G. M.; Drake, G.; Edwards, T. B.; Elkousy, H. A.; Hammerman, S. M.; O'Connor, D. P.; Press, C. M.	Ultrasound evaluation of arthroscopic full-thickness supraspinatus rotator cuff repair: single-row versus double-row suture bridge (transosseous equivalent) fixation. Results of a prospective, randomized study	2013	excluded from previous guideline: follow up <12 months(average 10 months; range 6-12 months) *not best available
Garver, J.; Mata-Fink, A.; Zhu, D.; Javier, F.; Gallacher, S.; Blaine, T. A.	Revision Strategies in Reverse Total Shoulder Arthroplasty	2017	Paper published before 2017 guideline last search date; systematic review

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Gatto, A. P.; Feeley, B. T.; Lansdown, D. A.	Low socioeconomic status worsens access to care and outcomes for rotator cuff repair: a scoping review	2022	Systematic Review
Gatto, A. P.; Hu, D. A.; Feeley, B. T.; Lansdown, D.	Dyslipidemia is associated with risk for rotator cuff repair failure: a systematic review and meta-analysis	2022	Systematic Review; Bib Review Completed
Gauci, M. O.; Cavalier, M.; Gonzalez, J. F.; Holzer, N.; Baring, T.; Walch, G.; Boileau, P.	Revision of failed shoulder arthroplasty: epidemiology, etiology, and surgical options	2020	irrelevant topic: epidemiologic study of a mixed population
Gaume, M.; Pages, L.; Bahman, M.; Rousseau, M. A.; Boyer, P.	Arthroscopic knotless repair: an effective technique for small-sized supraspinatus tendon tears	2021	irrelevant comparison: w/ additional U point for dog ear deformity vs. no additional U point
Ge, M.; Zhang, Y.; Li, Y.; Feng, C.; Tian, J.; Huang, Y.; Zhao, T.	Publication Trends and Hot Spots in Subacromial Impingement Syndrome Research: A Bibliometric Analysis of the Web of Science Core Collection	2022	Systematic Review
Gebregiorgis, B. T.; Wegayehu, M. Z.	Pattern of Radiographic and Sonographic Findings of Adult Patients Presented with Shoulder Pain at Tikur Anbessa Hospital, Addis Ababa, Ethiopia	2023	no relevant outcomes given for tears; no extractable data
Georgoulas, P.; Fiska, A.; Ververidis, A.; Drosos, G. I.; Perikleous, E.; Tilkeridis, K.	Reverse Shoulder Arthroplasty, Deltopectoral Approach vs. Anterosuperior Approach: An Overview of the Literature	2021	Systematic Review
Ghandour, T. M.; Ibrahim, A.; Abdelrahman, A. A.; Elgammal, A.; Hammad, M. H.	Does The Type of Shoulder Brace Affect Postoperative Pain and Clinical Outcome After Arthroscopic Rotator Cuff Repair?	2019	irrelevant comparison: pouch arm sling vs. abduction brace
Ghanta, R. B.; Tsay, E. L.; Feeley, B.	Augmented baseplates in reverse shoulder arthroplasty: a systematic review of outcomes and complications	2023	Systematic Review; Bib Review Completed
Ghasemi, S. A.; McCahon, J. A. S.; Yoo, J. C.; Toussaint, B.; McFarland, E. G.; Bartolozzi, A. R.; Raphael, J. S.; Kelly, J. D.	Subscapularis tear classification implications regarding treatment and outcomes: consensus decision-making	2023	systematic review, bib review complete
Ghorpade, K.; Patil, J.; Patil, T.; Khambalkar, S.	FUNCTIONAL OUTCOME OF ARTHROSCOPIC ASSISTED MINI OPEN ROTATOR CUFF TEAR REPAIR	2023	mixed population of partial and full thickness; Inadequate follow-up time - no adverse events reporting
Ghozy, S.; Dung, N. M.; Morra, M. E.; Morsy, S.; Elsayed, G. G.; Tran, L.; Minh, L. H. N.; Abbas, A. S.; Loc, T. T. H.; Hieu, T. H.; Dung, T. C.; Huy, N. T.	Efficacy of kinesio taping in treatment of shoulder pain and disability: a systematic review and meta-analysis of randomised controlled trials	2020	systematic review
Gianola, S.; Iannicelli, V.; Fascio, E.; Andreano, A.; Li, L. C.; Valsecchi, M. G.; Moja, L.; Castellini, G.	Kinesio taping for rotator cuff disease	2021	Systematic Review; Bib Review Completed

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Giberson-Chen, C. C.; Shaw, B. L.; Rudisill, S. S.; Carrier, R. E.; Farina, E. M.; Pearson, B.; Asnis, P. D.; O'Donnell, E. A.	Return to Play After Shoulder Surgery in Professional Baseball Players: A Systematic Review and Meta-analysis	2023	systematic review
Gibian, J. T.; Sokrab, R.; Hill, J. R.; Keener, J. D.; Zmistowski, B. M.	Predictors of Internal Rotation after Reverse Shoulder Arthroplasty	2023	Mixed Population w/o Stratification: irreparable RCT, OA, CTA, PTA, and RA
Gibson, E.; LeBlanc, J.; Sabo, M. T.	Prior mood disorder diagnoses do not relate to current mood disorder symptoms or patient-reported disease severity in rotator cuff patients	2021	mixed population of partial and full thickness tears; irrelevant risk factors for disease severity
Gil, J. A.; Durand, W. M.; Johnson, J. P.; Goodman, A. D.; Owens, B. D.; Daniels, A. H.	Unanticipated Admission Following Outpatient Rotator Cuff Repair: An Analysis of 18,061 Cases	2018	tear type not specified
Gilat, R.; Haunschild, E. D.; Williams, B. T.; Fu, M. C.; Garrigues, G. E.; Romeo, A. A.; Verma, N. N.; Cole, B. J.	Patient Factors Associated With Clinical Failure Following Arthroscopic Superior Capsular Reconstruction	2021	irrelevant population: both primary and revision surgeries;
Gilbert, F.; Meffert, R. H.; Schmalzl, J.; Weng, A. M.; Kostler, H.; Eden, L.	Grade of retraction and tendon thickness correlates with MR-spectroscopically measured amount of fatty degeneration in full thickness supraspinatus tears	2018	no follow-up at 12 mos
Gill, D. R. J.; Corfield, S.; Holder, C.; Page, R. S.	Characteristics associated with rerevision of primary inlay and onlay reverse shoulder arthroplasty. Analysis from the Australian Orthopaedic Association National Joint Replacement Registry	2024	Mixed Population w/o Stratification: OA, Rotator cuff arthropathy, fracture
Gill, D. R. J.; Page, R. S.; Graves, S. E.; Rainbird, S.; Hatton, A.	The rate of 2nd revision for shoulder arthroplasty as analyzed by the Australian Orthopaedic Association National Joint Replacement Registry (AOANJRR)	2021	Mixed Population w/o Stratification
Gill, V. S.; Tummala, S. V.; Haglin, J. M.; Boddu, S. P.; Cancio-Bello, A.; Tokish, J.	Regional Differences in Reimbursement, Volume, and Patient Characteristics Exist for Rotator Cuff Repairs: A Temporal Analysis from 2013 to 2021	2024	Cost Analysis
Gilliam, B. D.; Douglas, L.; Fleisig, G. S.; Aune, K. T.; Mason, K. A.; Dugas, J. R.; Cain, E. L., Jr.; Ostrander, R. V.; Andrews, J. R.	Return to Play and Outcomes in Baseball Players After Superior Labral Anterior-Posterior Repairs	2018	irrelevant population: SLAP tears; irrelevant comparisons (Return to play; pitchers vs. non-pitchers)
Gillinov, S. M.; Varady, N. H.; Abraham, P. F.; Meek, W. M.; Eberlin, C. T.; Small, K. M.; Martin, S. D.	Supraspinatus pathology on MRI is associated with degree of weakness on dynamic clinical strength testing	2022	no relevant outcomes
Gillooly, J. J.; Chidambaram, R.; Mok, D.	The lateral Jobe test: A more reliable method of diagnosing rotator cuff tears	2010	Low Quality upon Appraisal - Keeping only Moderates and Highs for PICO 3

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Gilmer, G.; Lin, A.; Shannon, M.; Mirvish, A.; Aloï, N.; Shooster, F.; Greiner, J. J.	Quantitative and qualitative disparities exist between baseball and softball peer-reviewed pitching-related literature: a systematic review from 1990 to 2020	2023	Systematic review
Giordano, M. C.; Corona, K.; Morris, B. J.; Mocini, F.; Saturnino, L.; Cerciello, S.	Comparative study of 145° onlay curved stem versus 155° inlay straight stem reverse shoulder arthroplasty: clinical and radiographic results with a minimum 2-year follow-up	2022	Mixed Population w/o Stratification: cuff tear arthropathy or osteoarthritis
Giovannetti de Sanctis, E.; Franceschetti, E.; De Dona, F.; Palumbo, A.; Paciotti, M.; Franceschi, F.	The Efficacy of Injections for Partial Rotator Cuff Tears: A Systematic Review	2020	systematic review
Girard, M.; Colombi, R.; Azoulay, V.; Laumonerie, P.; Martel, M.; Mansat, P.; Bonneville, N.	Does anterior acromioplasty reduce critical shoulder angle?	2020	unclear patient population; tear type was unspecified
Giri, A.; Freeman, T. H.; Kim, P.; Kuhn, J. E.; Garriga, G. A.; Khazzam, M.; Higgins, L. D.; Matzkin, E.; Baumgarten, K. M.; Bishop, J. Y.; Brophy, R. H.; Carey, J. L.; Dunn, W. R.; Jones, G. L.; Ma, C. B.; Marx, R. G.; McCarty, E. C.; Poddar, S. K.; Smith, M. V.; Spencer, E. E.; Vidal, A. F.; Wolf, B. R.; Wright, R. W.; Jain, N. B.	Obesity and sex influence fatty infiltration of the rotator cuff: the Rotator Cuff Outcomes Workgroup (ROW) and Multicenter Orthopaedic Outcomes Network (MOON) cohorts	2022	irrelevant topic: risk factors for fatty infiltration intraop
Giri, A.; O'Hanlon, D.; Jain, N. B.	Risk factors for rotator cuff disease: A systematic review and meta-analysis of diabetes, hypertension, and hyperlipidemia	2023	systematic review
Gliga, A. C.; Neagu, N. E.; Voidazan, S.; Popoviciu, H. V.; Bataga, T.	Effects of a Novel Proprioceptive Rehabilitation Device on Shoulder Joint Position Sense, Pain and Function	2022	Non-surgical population and not relevant to PICO 3 or 6; mixed population
Glogovac, G.; Schumaier, A. P.; Kennedy, M. E.; Schramm, V. T.; Wells, J.; Hasselfeld, K. A.; Grawe, B. M.	Narcotic Use and Resiliency Scores Do Not Predict Changes in Sleep Quality 6 Months After Arthroscopic Rotator Cuff Repair	2019	Inadequate follow-up time - no adverse events reporting
Go, T. W.; Park, J. E.; Oh, S.; Cho, M.; Jo, C. H.	Effect of Quality of Repair on Clinical and Structural Outcomes of Rotator Cuff Repair	2022	irrelevant comparison based on amount of greater tuberosity coverage
Gobezie, R.; Shishani, Y.; Lederman, E.; Denard, P. J.	Can a functional difference be detected in reverse arthroplasty with 135° versus 155° prosthesis for the treatment of rotator cuff arthropathy: a prospective randomized study	2019	Mixed Population w/o Stratification: primary RSA performed for an irreparable Rotator cuff tear and/or severe glenohumeral joint arthritis

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Godek, P.	High Volume PRP Therapy	2022	25% rotator cuff pathology in population
Godek, P.; Szajkowski, S.; Golicki, D.	Evaluation of the Effectiveness of Orthokine Therapy: Retrospective Analysis of 1000 Cases	2020	Irrelevant Topic: Orthokine Therapy
GodenÃ¨che, A.; Elia, F.; Kempf, J. F.; Nich, C.; Berhouet, J.; Saffarini, M.; Collin, P.	Fatty infiltration of stage 1 or higher significantly compromises long-term healing of supraspinatus repairs	2017	Identical Record to AAOS ID 15078
Godeneche, A.; Nerot, C.; Girard, M.; Bonneville, N.; Kany, J.; Saffarini, M.; Nove-Josserand, L.; Collotte, P.	Reverse shoulder arthroplasty renders better clinical scores at a minimum follow-up of two years for patients with no rotator cuff deficiency operated by the deltopectoral approach	2023	Mixed Population w/o Stratification: primary osteoarthritis (OA) with or without partial or complete rotator cuff (RC) tears, secondary OA due to RC tears, or irreparable massive rotator cuff tears
Goldberg, D. B.; Tamate, T. M.; Hasegawa, M.; Kane, T. J. K. th; You, J. S.; Crawford, S. N.	Literature Review of Subscapularis Tear, Associated injuries, and the Available Treatment Options	2022	systematic review
Goldenberg, B. T.; Lacheta, L.; Dekker, T. J.; Spratt, J. D.; Nolte, P. C.; Millett, P. J.	Biologics to Improve Healing in Large and Massive Rotator Cuff Tears: A Critical Review	2020	Systematic Review
Goldman, L.; Walter, W.; Adler, R. S.; Kaplan, D.; Burke, C. J.	Ultrasound of the symptomatic shoulder arthroplasty: Spectrum and prevalence of periarticular soft tissue pathology	2021	irrelevant topic: US evaluation after arthroplasty
Goldstein, K.; Jones, C.; Kay, J.; Shin, J.; de Sa, D.	Tranexamic Acid Administration in Arthroscopic Surgery Is a Safe Adjunct to Decrease Postoperative Pain and Swelling: A Systematic Review and Meta-analysis	2022	systematic review
Gomide, L. C.; Ruzi, R. A.; Mandim, B. L. S.; Dias, Vadr; Freire, R. H. D.	Prospective study of ultrasound-guided peri-plexus interscalene block with continuous infusion catheter for arthroscopic rotator cuff repair and postoperative pain control	2018	Irrelevant Comparison: Continuous vs. Single IBPB Ropivacaine
Gonzalez, A. I.; Kortlever, J. T. P.; Moore, M. G.; Ring, D. C.	Influenza Vaccination Is Not Associated with Increased Number of Visits for Shoulder Pain	2020	irrelevant topic: flu vaccine and visits for shoulder pain
Goodloe, J. B.; Oldenburg, K. S.; Toner, S.; Rabinowitz, J. M.; Barfield, W. R.; Eichinger, J. K.; Friedman, R. J.	Comparison of press-fit versus peripherally cemented hybrid glenoid components in anatomic total shoulder arthroplasty: minimum 5-year follow-up	2022	irrelevant comparison: cemented vs. uncemented glenoid; irrelevant population: OA
Gorbaty, J.; Chan, P. H.; McElvany, M. D.; Prentice, H. A.; Yian, E. H.	Tranexamic acid is not associated with decreased infection risk after primary shoulder arthroplasty: a cohort study of 9276 patients	2023	Irrelevant population: osteoarthritis or rotator cuff arthropathy
Gordon, A. M.; Sheth, B. K.; Horn, A. R.; Magruder, M. L.; Conway, C. A.; Erez, O.	The Careful Return of Sports Medicine Procedures in the United States During COVID-19: Comparison of	2023	Tear type was unspecified

Authors	Article Title	Year	Reason for Exclusion
	Utilization, Patient Demographics, and Complications		
Gorica, Z.; McFarland, K.; O'Neill, C. N.; Vanderbeck, J.; Vap, A. R.	Anatomic Shoulder Arthroplasty in the Setting of Concurrent or Prior Rotator Cuff Repair: A Systematic Review	2023	systematic review
Goshi, R. C.; Pushpalatha, K.	Shoulder Impingement and its Association with Acromial Morphology- A Review	2022	systematic review
Gouk, C. J. C.; Shulman, R. M.; Buchan, C.; Thomas, M. J. E.; Taylor, F. J.	Failure of Dermal Allograft Repair of Massive Rotator Cuff Tears in Magnetic Resonance Imaging and Clinical Assessment	2019	<10 participants per group (n=8)
Gowd, A. K.; Agarwalla, A.; Beck, E. C.; Rosas, S.; Waterman, B. R.; Romeo, A. A.; Liu, J. N.	Prediction of total healthcare cost following total shoulder arthroplasty utilizing machine learning	2022	cost analysis
Gowd, A. K.; Cvetanovich, G. L.; Liu, J. N.; Nwachukwu, B. U.; Cabarcas, B. C.; Cole, B. J.; Forsythe, B.; Romeo, A. A.; Verma, N. N.	Preoperative Mental Health Scores and Achieving Patient Acceptable Symptom State Are Predictive of Return to Work After Arthroscopic Rotator Cuff Repair	2019	Mixed Population w/o Stratification: partial and full-thickness tears
Gowd, A. K.; Liu, J. N.; Garcia, G. H.; Agarwalla, A.; Cabarcas, B. C.; Manderle, B. J.; Verma, N. N.	Open Biceps Tenodesis Associated With Slightly Greater Rate of 30-Day Complications Than Arthroscopic: A Propensity-Matched Analysis	2019	irrelevant population: concomitant RCR excluded; no rotator cuff tears
Goya, I.; Suenaga, N.; Oizumi, N.; Yoshioka, C.; Yamane, S.; Yamaguchi, H.; Toma, T.; Nishida, K.	Glenoid wear after humeral head replacement with using a single implant in patients with cuff tear arthropathy more than five years	2023	irrelevant comparison: humeral head replacement w/ tendon transfer (no RSA)
Goyal, T.; Harna, B.; Taneja, A.; Maini, L.	Arthroscopy and COVID-19: Impact of the pandemic on our surgical practices	2020	Systematic review
Goyal, T.; Tripathy, S. K.; Sekhar, S.; Schuh, A.	Functional outcomes of trans-tendon repair vs. tear completion and repair for partial thickness rotator cuff tears: A metaanalysis	2020	systematic review
Graham, P.	Rotator Cuff Tear	2018	Single Case Report
Grandizio, L. C.; Choe, L. J.; Follett, L.; Laychur, A.; Young, A.	The impact of self-efficacy on nonoperative treatment of atraumatic shoulder pain	2022	Non-surgical population and not relevant to PICO 3 or 6
Green, A.; Loyd, K.; Molino, J.; Evangelista, P.; Gallacher, S.; Adkins, J.	Long-term functional and structural outcome of rotator cuff repair in patients 60 years old or less	2023	Very Low Quality on Quality Appraisal
Green, C. K.; Scanaliato, J. P.; Dunn, J. C.; Rosner, R. S.; Parnes, N.	Rates of Return to Manual Labor After Arthroscopic Rotator Cuff Repair	2022	no comparison group

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Green, C. K.; Scanaliato, J. P.; Duvall, O.; Eckhoff, M. D.; Dunn, J. C.; Parnes, N.	Biceps Tenodesis Combined With Arthroscopic Posterior Labral Repair for Type VIII SLAP Lesions in Active-Duty Military Patients Yields Excellent Return to Military Duty	2022	irrelevant population: labral repair; no comparison group
Greenall, G.; Carr, A.; Beard, D.; Rees, J.; Rangan, A.; Merritt, N.; Dritsaki, M.; Nagra, N. S.; Baldwin, M.; Hopewell, S.; Cook, J. A.	Systematic review of the surgical management of rotator cuff repair with an augmentative patch: a feasibility study protocol	2018	Study Protocol, no results
Gregory, J. M.; Ybarra, C.; Liao, Z.; Kumaravel, M.; Patel, S.; Warth, R. J.	Clinical outcomes of rotator cuff repair with subacromial bursa reimplantation: a retrospective cohort study	2023	Not a randomized controlled trial; PICO 2 is RCT only update
Greif, D. N.; Shaikh, H. J. F.; Neumanitis, J.; Ramirez, G.; Maloney, M. D.; Bronstein, R. D.; Giordano, B.; Nicandri, G. T.; Voloshin, I.; Mannava, S.	Arthroscopic subacromial decompression improved outcomes in situationally depressed patients compared to clinically depressed or nondepressed patients	2024	rotator cuff tears excluded
Greiwe, R. M.; Hill, M. A.; Boyle, M. S.; Nolan, J.	Posterior Approach Total Shoulder Arthroplasty: A Retrospective Analysis of Short-term Results	2020	No comparison group; Inadequate follow-up time (6 mos)
Grewal, G.; Polisetty, T.; Cannon, D.; Ardeljan, A.; Vakharia, R. M.; Rodriguez, H. C.; Levy, J. C.	Alcohol Abuse, Morbid Obesity, Depression, Congestive Heart Failure, and Chronic Pulmonary Disease are Risk Factors for 90-Day Readmission After Arthroscopic Rotator Cuff Repair	2022	tear type was unspecified
Grey, T. M.; Stubbs, E.; Parasu, N.	Intraobserver Reliability on Classifying Bursitis on Shoulder Ultrasound	2023	irrelevant topic: bursitis (tears excluded); No relevant outcomes
Griffin, J. W.; Werner, B. C.; Lederman, E.; Gobeze, R.; Mazzocca, A. D.; Romeo, A. A.; Denard, P. J.	Lesser Tuberosity Osteotomy Does Not Appear to Compromise Fixation or Function Compared With Peel in Short-Stem Anatomic Shoulder Arthroplasty	2022	irrelevant population: intact rotator cuff
Griffith, R.; Fretes, N.; Bolia, I. K.; Murray, I. R.; Meyer, J.; Weber, A. E.; Gamradt, S. C.; Petrigliano, F. A.	Return-to-Sport Criteria After Upper Extremity Surgery in Athletes-A Scoping Review, Part 1: Rotator Cuff and Shoulder Stabilization Procedures	2021	systematic review
Griswold, D.; Learman, K.; Ickert, E.; Tapp, A.; Ross, O.	Dry Needling for Subacromial Pain Syndrome: A Systematic Review with Meta-Analysis	2023	systematic review
Grobet, C. E.; Glanzmann, M. C.; Eichler, K.; Rickenbacher, D.; Meier, F.; Brunner, B.; Audige, L.	Cost-utility analysis of total shoulder arthroplasty: a prospective health economic study using real-world data	2021	cost analysis; no comparison group/irrelevant population
Grobet, C.; Audige, L.; Eichler, K.; Meier, F.; Brunner, B.; Wieser, S.; Flury, M.	Cost-Utility Analysis of Arthroscopic Rotator Cuff Repair: A Prospective Health Economic Study Using Real-World Data	2020	Mixed Population w/o Stratification (see extended note)

Authors	Article Title	Year	Reason for Exclusion
Grobet, C.; Marks, M.; Tecklenburg, L.; Audige, L.	Application and measurement properties of EQ-5D to measure quality of life in patients with upper extremity orthopaedic disorders: a systematic literature review	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Gross, B. D.; Paganessi, S. A.; Vazquez, O.	Comparison of Subacromial Injection and Interscalene Block for Immediate Pain Management After Arthroscopic Rotator Cuff Repair	2020	Not a randomized controlled trial
Grubhofer, F.; Gerber, C.; Meyer, D. C.; Wieser, K.; Ernstbrunner, L.; Catanzaro, S.; Bouaicha, S.	Compliance with wearing an abduction brace after arthroscopic rotator cuff repair: A prospective, sensor-controlled study	2019	No comparison group; irrelevant topic: abduction brace compliance
Grusky, A. Z.; Giri, A.; O'Hanlon, D.; Jain, N. B.	The Relationship of Aging and Smoking With Rotator Cuff Disease: A Systematic Review and Meta-analysis	2022	systematic review
Grusky, A. Z.; Song, A.; Kim, P.; Ayers, G. D.; Higgins, L. D.; Kuhn, J. E.; Baumgarten, K. M.; Matzkin, E.; Jain, N. B.	Factors Associated With Symptomatic Rotator Cuff Tears: The Rotator Cuff Outcomes Workgroup Cohort Study	2021	irrelevant topic: risk factors for RC tears
Gruson, K.; Mahmoud, S.; Zhu, N.; Lo, Y.; Gruson, H. T.; Schwartz, B.	The relationship between musculoskeletal health literacy and upper extremity patient-reported outcome measures (PROMs) in the setting of atraumatic shoulder pain	2022	irrelevant topic: MSK health literacy and PROMs
Gu, Z.; Wu, S.; Yang, Y.; Ren, T.; Zhang, K. W.	Comparison of Arthroscopic Single-row and Double-row Repair for Rotator Cuff Injuries With Different Tear Sizes: A Systematic Review and Meta-analysis	2023	Systematic Review; Bib Review Completed
Guan, H.; Wu, Q.; Zhou, Y.; Fan, X.; Zheng, K.; Si, T.; Zhao, J.	A retrospective study of ultrasound-guided intervention for frozen shoulder in the frozen stage	2022	Irrelevant Comparison: Injection vs. Acupotomy Lysis, also no follow-up times
Guduru, R. K. R.; Domeika, A.; Obcarskas, L.; Ylaite, B.	The Ergonomic Association between Shoulder, Neck/Head Disorders and Sedentary Activity: A Systematic Review	2022	Systematic review; bib review complete
Guerra, J. J.; Curran, G. C.; Guerra, L. M.	Subpectoral, Suprapectoral, and Top-of-Groove Biceps Tenodesis Procedures Lead to Similar Good Clinical Outcomes: Comparison of Biceps Tenodesis Procedures	2023	Irrelevant population: patients did not have RC tears as inclusion criteria
Guevara, J. A.; Entezari, V.; Ho, J. C.; Derwin, K. A.; Iannotti, J. P.; Ricchetti, E. T.	An Update on Surgical Management of the Repairable Large-to-Massive Rotator Cuff Tear	2020	systematic review
Guild, T.; Kuhn, G.; Rivers, M.; Cheski, R.; Trenhaile, S.; Izquierdo, R.	The Role of Arthroscopy in Painful Shoulder Arthroplasty: Is Revision Always Necessary?	2020	Small sample size: 13 total patients
Guimaraes, M. V.; Bonifacio, E. D.; Carmo, T. C. D.; Araujo, C. A.	Design and Mechanical Evaluation of Sutureless Implants for the Surgery Treatment of Rotator Cuff Tears	2021	not a human subject study

Authors	Article Title	Year	Reason for Exclusion
Guity, M. R.; Sobhani Eraghi, A.; Hosseini-Baharanchi, F. S.	Early postoperative pain as a risk factor of shoulder stiffness after arthroscopic rotator cuff repair	2021	less than 1 year follow up- adverse events not a relevant outcome
Gulcu, A.	The effect of arthroscopic rotator cuff repair on sleep in degenerative full-thickness tears	2022	mean follow up 9 months - no adverse events reporting
Gulcu, A.; Aslan, A.; Dincer, R.; Ozmanevra, R.; Huri, G.	Relationship Between Diagnostic Anatomic Shoulder Parameters and Degenerative Rotator Cuff Tears: An MRI Study	2022	Irrelevant Comparison: MRI vs. MRI, also no outcomes of interest
Guler, Y.; Keskin, A.; Yerli, M.; Imren, Y.; Karslioglu, B.; Dedeoglu, S. S.	Arthroscopic Biological Augmentation With Subacromial Bursa for Bursal-Sided Partial-Thickness Rotator Cuff Tears	2023	Irrelevant Comparison: Debridement vs. Augmentation for PT Tears
Gumaa, M.; Rehan Youssef, A.	Is Virtual Reality Effective in Orthopedic Rehabilitation? A Systematic Review and Meta-Analysis	2019	systematic review
Gumina, S.; Campagna, V.; Ferrazza, G.; Giannicola, G.; Fratalocchi, F.; Milani, A.; Postacchini, F.	Use of platelet-leukocyte membrane in arthroscopic repair of large rotator cuff tears: A prospective randomized study	2012	Duplicate of 15199
Gumina, S.; Mezzaqui, L.; Aimino, R.; Rionero, M.; Spagnoli, A.; Campagna, V.; Candela, V.	Aetiopathogenesis of Rotator Cuff Tear in Patients Younger than 50 Years: Medical Conditions Play a Relevant Role	2023	Irrelevant Topic: Causes of Rotator Cuff Tears
Gumina, S.; Passaretti, D.; GurzÅ¬, M. D.; Candela, V.	Arginine L-alpha-ketoglutarate, methylsulfonylmethane, hydrolyzed type I collagen and bromelain in rotator cuff tear repair: a prospective randomized study	2012	NO EXTRACTED DATA: Arginine L-alpha-ketoglutarate, methylsulfonylmethane, hydrolyzed type I collagen and bromelain does not fit PICO 9
Guo, A. A.; Hackett, L.; Murrell, G. A. C.	Stiffness and arthroscopic rotator cuff repair: a literature review	2023	Systematic Review; Bib Review Completed
Guo, A. A.; Ting, R. S.; Lam, P. H.; Murrell, G. A. C.	An assessment of factors associated with early postoperative stiffness in arthroscopic rotator cuff repair	2023	Mixed Population w/o Stratification: partial and full-thickness tears
Guo, D.; Liu, X.; Wang, D.; Tang, X.; Qin, Y.	Development and clinical validation of deep learning for auto-diagnosis of supraspinatus tears	2023	Irrelevant Topic: Deep Learning as a diagnostic tool
Guo, D.; Wang, J.	Analysis of risk factors for procedure-related hemorrhage in rotator cuff repair surgery under shoulder arthroscopy	2023	no relevant outcomes: blood loss; tear type was unspecified
Guo, E. W.; Elhage, K.; Cross, A. G.; Hessburg, L.; Gullledge, C. M.; Mehta, N.; Verma, N. N.; Makhni, E. C.	Establishing and comparing reference preoperative Patient-Reported Outcomes Measurement Information System (PROMIS) scores in patients undergoing shoulder surgery	2021	irrelevant topic/outcomes: preoperative PROMIS scores between surgery types
Guo, L. L.; Cheng, T. P.; Feng, L. X.; Feng, J.; Li, X. Y.	Incidence and risk factors for deep infection after primary shoulder arthroplasty: a meta-analysis	2022	systematic review
Guo, M.; Wang, W.; Li, M.	Compressed sensing magnetic resonance imaging (CS-MRI) diagnosis of rotator cuff tears	2024	Low Quality upon Appraisal - Keeping only Moderates and Highs for PICO 3

Authors	Article Title	Year	Reason for Exclusion
Guo, S.; Zhu, Y.; Song, G.; Jiang, C.	Assessment of Tendon Retraction in Large to Massive Rotator Cuff Tears: A Modified Patte Classification Based on 2 Coronal Sections on Preoperative Magnetic Resonance Imaging With Higher Specificity on Predicting Reparability	2020	no relevant risk factors; no comparison group
Gupta, P.; Haeberle, H. S.; Zimmer, Z. R.; Levine, W. N.; Williams, R. J.; Ramkumar, P. N.	Artificial intelligence-based applications in shoulder surgery leaves much to be desired: a systematic review	2023	systematic review
Gupta, V. K.; Kaushik, P. K.; Chaudhari, T. K.	ROLE OF HIGH-RESOLUTION ULTRASOUND IN ASSESSMENT OF CHARACTERISTICS AND EXTENT OF ROTATOR AND NON-ROTATOR CUFF DISORDERS -A ONE YEAR HOSPITAL BASED CROSS-SECTIONAL STUDY	2024	no comparison group; no relevant outcomes
Gurbuz, A. F.; Keven, A.; Emir Yetim, E.; Elasan, S.; Karaali, K.	Evaluation of the Differences in the MRI Findings Related to Primary and Secondary Adhesive Capsulitis	2023	irrelevant topic: diagnosis of adhesive capsulitis; no relevant outcomes
Gurel, R.; Vidra, M.; Elbaz, E.; Factor, S.; Kazum, E.; Bivas, A.; Maman, E.; Chechik, O.; Rotman, D.	Arthroscopic rotator cuff repair in fibromyalgia patients had comparable outcomes to a matched control group	2023	Irrelevant population: partial tears included in study
Gurger, M.; Ozer, A. B.	A comparison of continuous interscalene block versus general anesthesia alone on the functional outcomes of the patients undergoing arthroscopic rotator cuff repair	2019	Irrelevant Comparison: General Anesthesia vs. CIBS w/ General Anesthesia
Gurnani, N.; Willems, W. J.; van Deurzen, D. F. P.; Weening, A. A.; Bouwer, J.; Janssen, T. W. J.; Veeger, Dhej	Shoulder kinematics and muscle activity following latissimus dorsi transfer for massive irreparable posterosuperior rotator cuff tears in shoulders with pseudoparalysis	2022	Small sample size: 13 total patients
Gutierrez Espinoza, H.; Araya-Quintanilla, F.; Pinto-Concha, S.; Valenzuela-Fuenzalida, J.; Lopez-Gil, J. F.; Ramirez-Velez, R.	Specific versus general exercise programme in adults with subacromial impingement syndrome: a randomised controlled trial	2023	Non-surgical population and not relevant to PICO 3 or 6
Gutierrez-Espinoza, H.; Araya-Quintanilla, F.; Cereceda-Muriel, C.; Alvarez-Bueno, C.; Martinez-Vizcaino, V.; Cavero-Redondo, I.	Effect of supervised physiotherapy versus home exercise program in patients with subacromial impingement syndrome: A systematic review and meta-analysis	2020	systematic review, bib review complete
Gutierrez-Espinoza, H.; Araya-Quintanilla, F.; Olguin-Huerta, C.; Valdes-Orrego, I.; Sepulveda-Osses, O.	Effectiveness of supervised physiotherapy versus home exercise in subjects with rotator cuff disorders treated surgically: A systematic review and meta-analysis	2022	systematic review

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Gutierrez-Espinoza, H.; Cuyul-Vasquez, I.; Olguin-Huerta, C.; Baldeon-Villavicencio, M.; Araya-Quintanilla, F.	Effectiveness of Glenohumeral Joint Mobilization on Range of Motion and Pain in Patients With Rotator Cuff Disorders: A Systematic Review and Meta-Analysis	2023	systematic review
Gutman, M. J.; Patel, M. S.; Katakam, A.; Liss, N.; Zmistowski, B. M.; Lazarus, M. D.; Horneff, J. G.	Understanding Outcomes and the Ability to Return to Work After Rotator Cuff Repair in the Workers' Compensation Population	2021	Tear type was unspecified
Guyen, F.; Ogul, H.; Kaya, S.; Kantarci, M.	MR arthrographic evaluation of posterior paraglenoid labral cysts: a retrospective study	2020	15 total patients; irrelevant population: labral cysts
Gwak, D. W.; Hwang, J. M.; Kim, A. R.; Park, D.	Does polydeoxyribonucleotide has an effect on patients with tendon or ligament pain?: A PRISMA-compliant meta-analysis	2021	systematic review
Gwark, J. Y.; Park, H. B.	Prediction of Bilaterality in Patients With 1 Posterosuperior Rotator Cuff Tear	2022	Non-surgical population and not relevant to PICO 3 or 6
Gwark, J. Y.; Park, H. B.	Association of high sensitivity C-reactive protein with tearing of the long head of the biceps tendon	2019	diagnosis of lhbt; not relevant to risk factors
Gwark, J. Y.; Park, T. S.; Park, H. B.	Association between the location of tuberosity cysts and rotator cuff tears: A comparative study using radiograph and MRI	2019	irrelevant topic: location of cysts associated with RC tears
Gyftopoulos, S.; Cardoso, M. D. S.; Rodrigues, T. C.; Qian, K.; Chang, C. Y.	Postoperative Imaging of the Rotator Cuff: A Systematic Review and Meta-Analysis	2022	systematic review
Ha, J. W.; Kim, H.; Kim, S. H.	Effects of steroid injection during rehabilitation after arthroscopic rotator cuff repair	2021	irrelevant topic; steroid injections during postop rehab
Hackett, D. J., Jr.; Hsu, J. E.; Matsen, F. A., 3rd	Primary Shoulder Hemiarthroplasty: What Can Be Learned From 359 Cases That Were Surgically Revised?	2018	Mixed Population w/o Stratification; no relevant comparison
Hackl, M.; Flury, M.; Kolling, C.; Nebelung, W.; Krauss, C. A.; Kraemer, N. A.; Heuberger, P. R.; Laky, B.; Wellmann, M.; Pastor, M. F.; Imhoff, A. B.; Reuter, S.; Anderle, G.; Agneskirchner, J. D.; Buess, E.	Results of Arthroscopic Revision Rotator Cuff Repair for Failed Open or Arthroscopic Repair: A Prospective Multicenter Study on 100 Cases	2022	no comparison group; irrelevant population for risk factors (revision surgery)
Hadro, A.; Huyke-Hernandez, F. A.; Kleinsmith, R. M.; Doxey, S. A.; Schweitzer, A.; Ristow, J.; Cunningham, B. P.; Braman, J.	Effect of post-operative NSAID use on rotator cuff repair outcomes	2024	irrelevant comparison: NSAID vs. control

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Hadzic, A.; Williams, B. A.; Karaca, P. E.; Hobeika, P.; Unis, G.; Dermksian, J.; Yufa, M.; Thys, D. M.; Santos, A. C.	For outpatient rotator cuff surgery, nerve block anesthesia provides superior same-day recovery over general anesthesia	2005	Irrelevant comparison: Fast-track general anesthesia followed by bupivacaine vs. interscalene brachial plexus block (ISB)
Haeberle, H. S.; James, E. W.; Meza, B. C.; Apostolakos, J. M.; Lee, S. K.; Dines, J. S.; Gulotta, L. V.; Dines, D. M.; Warren, R. F.; Rodeo, S. A.; Taylor, S. A.	Brachial plexopathy following shoulder arthroplasty	2022	Mixed Population w/o Stratification: glenohumeral arthritis, Rotator cuff arthropathy, Avascular necrosis, and proximal humerus fractures
Hagan, D. P.; Hao, K. A.; King, J. J.; Srinivasan, R. C.; Wright, T. W.; Moser, M. W.; Farmer, K. W.; Wright, J. O.; Pazik, M.; Roach, R. P.	Outcomes of Biceps Tenodesis Variations With Concomitant Rotator Cuff Repair: A Multicenter Database Analysis	2023	> 50% lost to follow-up
Hagedorn, P.; Boehm, D.; Rolf, O.	Midterm results after revision rotator cuff reconstruction: Can ultrasound predict outcome of revision surgery?	2022	irrelevant comparison: intact vs. not intact rotator cuff following revision RC reconstruction
Hagen, M. S.; Allahabadi, S.; Zhang, A. L.; Feeley, B. T.; Grace, T.; Ma, C. B.	A randomized single-blinded trial of early rehabilitation versus immobilization after reverse total shoulder arthroplasty	2020	Mixed Population w/o Stratification (see extended note)
Hahn, S.; Lee, Y. H.; Chun, Y. M.; Park, E. H.; Suh, J. S.	Magnetic resonance arthrography results that indicate surgical treatment for partial articular-sided supraspinatus tendon avulsion: a retrospective study in a tertiary center	2017	article excluded from 2017 guideline; not relevant to PICO 13
Haidamous, G.; Cabarcas, B.; Ohanian, L.; Simon, P.; Christmas, K. N.; Wilder, L.; Achors, K.; Mighell, M. A.; Frankle, M. A.	Does improved external rotation following reverse shoulder arthroplasty impact clinical outcomes in patients with rotator cuff pathology and external rotation less than 0degree?	2023	no relevant comparisons; all patients underwent same intervention
Haider, S. I.; Awais, M. Z.; Iqbal, M. T.	Role of Platelet-Rich Plasma in the Treatment of Adhesive Capsulitis: A Prospective Cohort Study	2022	No Comparison Group
Haislup, B. D.; Rate, W. R.; Civiletti, M. D.; Cohen, A. S.; Bodendorfer, B. M.; Gould, H. P.	The 100 most impactful articles on the rotator cuff: an altmetric analysis of online media	2022	Systematic Review
HajAssaad, A.; Willacy, R.; Wilson, R.	A Systematic Review of the Histological and Molecular Changes in the Subacromial Bursa in Rotator Cuff Disease	2020	Systematic Review
Haleem, A.; Gohal, C.; Leroux, T.; Henry, P.; Alolabi, B.; Khan, M.	Primary arthroscopic repair of massive rotator cuff tears results in significant improvements with low rate of re-tear	2021	systematic review

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Haley, C. B.; Beauchesne, A. R.; Fox, J. C.; Nelson, A. M.	Block Time: A Multispecialty Systematic Review of Efficacy and Safety of Ultrasound-guided Upper Extremity Nerve Blocks	2023	Systematic Review
Halm-Pozniak, A.; Lohmann, C. H.; Awiszus, F.; Rudolf, M.; Bertrand, J.; Berth, A.	Injection of autologous conditioned plasma combined with a collagen scaffold may improve the clinical outcome in shoulder impingement syndrome: a prospective study	2023	Confounded Treatment Group
Hamed Hamed, D.; Struyf, F.; Pruimboom, L.; Navarro-Ledesma, S.	Efficacy of combined strategies of physical activity, diet and sleep disorders as treatment in patients with chronic shoulder pain. A systematic review	2023	systematic review
Hammad, A. M.; Phillips, C.; Wijdicks, C. A.; Adams, C. R.; Denard, P. J.	Two-Year Retrospective Patient-Reported Outcomes Following Superior Capsular Reconstruction	2022	no comparison group; no risk factors analyzed
Han, C.; Liu, M.; Lian, X.; Sun, T.; Yan, S.; Bai, X.; Gan, D.; Leng, B.; Qiu, Y.; Ren, Y.	Tranexamic acid use in arthroscopic rotator cuff repair is an effective and safe adjunct to improve visualization: a systematic review and meta-analysis	2023	systematic review, bib review complete
Han, C.; Na, Y.; Zhu, Y.; Kong, L.; Eerdun, T.; Yang, X.; Ren, Y.	Is platelet-rich plasma an ideal biomaterial for arthroscopic rotator cuff repair? A systematic review and meta-analysis of randomized controlled trials	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Han, S. S.; Lee, Y. H.; Oh, J. H.; Aminzai, S.; Kim, S. H.	Randomized, controlled trial of multimodal shoulder injection or intravenous patient-controlled analgesia after arthroscopic rotator cuff repair	2013	Irrelevant Comparison: Both groups have opioids
Hansen, L. M.; Garg, A.; Khanna, R.; Thayer, M.; Saltzman, M. D.; Marra, G.; Seitz, A. L.	Clinical Y-view versus 3-dimensional assessments of intramuscular fat in patients with full-thickness rotator cuff tears	2021	irrelevant topic: assessment of fatty infiltration; no relevant outcomes
Hao, K. A.; Boschert, E. N.; O'Keefe, D. S.; Saengchote, S. A.; Schoch, B. S.; Wright, J. O.; Wright, T. W.; Farmer, K. W.; Struk, A. M.; King, J. J.	Comparison of clinical outcomes of revision reverse total shoulder arthroplasty for failed primary anatomic vs. reverse shoulder arthroplasty	2023	Irrelevant population: multiple injury modalities, not just RC tears/pathology included in groups
Hao, K. A.; Cueto, R. J.; Gharby, C.; Freeman, D.; King, J. J.; Wright, T. W.; Almader-Douglas, D.; Schoch, B. S.; Werthel, J. D.	Influence of lateralized versus medialized reverse shoulder arthroplasty design on external and internal rotation: a systematic review and meta-analysis	2024	Scoping Review
Hao, K. A.; Greene, A. T.; Werthel, J. D.; Wright, J. O.; King, J. J.; Wright, T. W.; Vasilopoulos, T.; Schoch, B. S.	Clinical outcomes of anatomic vs. reverse total shoulder arthroplasty in primary osteoarthritis with preoperative rotational stiffness and an intact rotator cuff: a case control study	2023	Irrelevant population: glenohumeral OA w/ intact rotator cuff
Hao, K. A.; Marigi, E. M.; Tams, C.; Wright, J. O.; King, J. J.; Werthel, J. D.; Wright, T. W.; Schoch, B. S.	Do patients with poor early clinical outcomes after reverse total shoulder arthroplasty ultimately improve?	2023	Mixed Population w/o Stratification: osteoarthritis, rotator cuff arthropathy, and massive rotator cuff tear

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Hao, K. A.; Wright, T. W.; Schoch, B. S.; Wright, J. O.; Dean, E. W.; Struk, A. M.; King, J. J.	Association Between Preoperative Shoulder Strength and Clinical Outcomes After Primary Reverse Total Shoulder Arthroplasty	2022	irrelevant population; included patients diagnosed with rotator cuff tear arthropathy, osteoarthritis with rotator cuff deficiency, or irreparable rotator cuff tear
Haque, A.; Modi, A.	Interposition grafting for irreparable rotator cuff tears: Systematic review and specialist practice report	2021	Systematic Review
Haque, A.; Pal Singh, H.	Does structural integrity following rotator cuff repair affect functional outcomes and pain scores? A meta-analysis	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Harada, N.; Gotoh, M.; Ishitani, E.; Kakuma, T.; Yano, Y.; Tatara, D.; Kawakami, J.; Imai, T.; Karasuyama, M.; Kudoh, Y.; Shiba, N.	Combination of risk factors affecting retear after arthroscopic rotator cuff repair: a decision tree analysis	2021	No relevant risk factors; inadequate follow-up time
Harada, Y.; Yokoya, S.; Sumimoto, Y.; Adachi, N.	Clinical outcomes and tendon lengthening after arthroscopic rotator cuff repair	2023	No comparison group
Hardy, V.; Rony, L.; Bachler, J.; Favard, L.; Hubert, L.	Does isolated arthroscopic anterior acromioplasty modify critical shoulder angle?	2022	irrelevant comparison by CSA angle
Haritnian, E. G.; Belgaid, V.; Lino, T.; Nove-Josserand, L.	Reverse versus anatomical shoulder arthroplasty in patients with intact rotator cuff	2020	Irrelevant Population: Osteoarthritis w/ Intact Rotator Cuff
Harly, E.; Commeil, P.; Boyer, E.; Tchikladze, C.; Demezou, H.	Quantitative MRI versus perioperative arthroscopy to measure stage 1 ruptures of the supraspinatus tendon for surgical planning	2024	irrelevant comparison: tear size measurements; no relevant outcomes
Harna, B.; Gupta, V.; Arya, S.; Jeyaraman, N.; Rajendran, R. L.; Jeyaraman, M.; Gangadaran, P.; Khanna, M.; Hong, C. M.; Ahn, B. C.	Current Role of Intra-Articular Injections of Platelet-Rich Plasma in Adhesive Capsulitis of Shoulder: A Systematic Review	2022	systematic review, bib review complete
Hartland, A. W.; Islam, R.; Teoh, K. H.; Rashid, M. S.	Clinical effectiveness of tenotomy versus tenodesis for long head of biceps pathology: a systematic review and meta-analysis	2022	systematic review, bib review complete
Hartline, J. T.; Nelson, C. G.; Eads, R. B.; Smith, R. A.; Azar, F. M.; Brodin, T. J.; Throckmorton, T. W.	Tobacco use is associated with increased postoperative pain and opioid use after reverse total shoulder arthroplasty: A retrospective cohort study	2021	Mixed Population w/o stratification: OA, massive RC tear, cuff tear arthropathy, proximal humeral fracture, proximal humeral nonunion, inflammatory arthritis

Authors	Article Title	Year	Reason for Exclusion
Hartrick, C. T.; Tang, Y. S.; Siwek, D.; Murray, R.; Hunstad, D.; Smith, G.	The effect of initial local anesthetic dose with continuous interscalene analgesia on postoperative pain and diaphragmatic function in patients undergoing arthroscopic shoulder surgery: a double-blind, randomized controlled trial	2012	Irrelevant Comparison: Participants undergoing rotator cuff repair received interscalene block (ISB) with either 5mL, 10mL, or 20mL bolus of ropivacaine 0.75%.
Hasegawa, A.; Mihata, T.; Fukunishi, K.; Itami, Y.; Uchida, A.; Neo, M.	Structural and clinical outcomes after superior capsule reconstruction using an at least 6-mm-thick fascia lata autograft including the intermuscular septum	2023	irrelevant comparison based on postop graft integrity; no relevant risk factors
Hashiguchi, H.; Iwashita, S.; Sonoki, K.; Abe, K.; Yoneda, M.; Takai, S.	Clinical outcomes and structural integrity of arthroscopic double-row versus suture-bridge repair for rotator cuff tears	2018	Not best available evidence from 2017 guideline
Hashiguchi, H.; Iwashita, S.; Yoneda, M.; Takai, S.	Factors influencing outcomes of nonsurgical treatment for baseball players with SLAP lesion	2018	Irrelevant Population: Slap Lesions
Hashimoto, E.; Maki, S.; Ochiai, N.; Ise, S.; Inagaki, K.; Hiraoka, Y.; Hattori, F.; Ohtori, S.	Automated detection and classification of the rotator cuff tear on plain shoulder radiograph using deep learning	2024	irrelevant population: healthy controls
Haskel, J. D.; Kaplan, D. J.; Kirby, D. J.; Bloom, D. A.; Youm, T.	Revisiting Intraarticular Corticosteroid Injections and Sports Medicine: Outcomes and Perioperative Considerations	2021	Systematic Review
Hasler, A.; Fornaciari, P.; Jungwirth-Weinberger, A.; Jentzsch, T.; Wieser, K.; Gerber, C.	Reverse shoulder arthroplasty in the treatment of glenohumeral instability	2019	irrelevant comparison: RTSA for anterior instability vs. RTSA for rotator cuff insufficiency
Hassebrock, J. D.; Stokes, D. J.; Cram, T. R.; Frank, R. M.	Arthroscopic Repair and Reconstruction of Coracoclavicular Ligament	2023	Narrative Review
Hattrup, S. J.; Chung, A. S.; Rosenfeld, D. M.; Misra, L.; Koyyalamudi, V.; Ritz, M. L.; Tokish, J. M.	Liposomal bupivacaine interscalene nerve block in shoulder arthroplasty is not superior to plain bupivacaine: a double-blinded prospective randomized control trial	2021	irrelevant comparison: Interscalene block with plain bupivacaine with vs. without liposomal bupivacaine
Haviv, B.; Rutenberg, T. F.; Yaari, L.; Khatib, M.; Rath, E.; Yassin, M.	Which patients are less likely to improve after arthroscopic rotator cuff repair?	2019	Irrelevant population: massive, unreparable tears excluded
Hayashi, I.; Enokida, M.; Nagira, K.; Yamasita, T.; Tsukutani, Y.; Murakami, T.; Nagashima, H.	Change in the pennation angle of the supraspinatus muscle after rotator cuff tear repair	2019	No relevant outcomes; irrelevant comparison
He, H. B.; Wang, T.; Wang, M. C.; Zhu, H. F.; Meng, Y.; Pan, C. L.; Hu, Y.; Chao, X. M.; Yang, C. Y.; Wang, M.; Ou-Yang, J. F.	Tendon-to-bone healing after repairing full-thickness rotator cuff tear with a triple-loaded single-row method in young patients	2021	No comparison group

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He, J. K.; Huntley, S.; Arguello, A.; Adkison, D.; Larrison, M.; McGwin, G.; Momaya, A.; Ponce, B.; Brabston, E.	Ultrasound assessment after a subscapularis-sparing approach to total shoulder arthroplasty	2022	Less than 10 patients per group (n=5, n=32); Irrelevant Comparison: Traumatic vs. Non-Traumatic Etiologies
He, S.; Xu, H.; Liu, S.	Effect of Arthroscopic Acromioplasty Combined with Rotator Cuff Repair in the Treatment of Aged Patients with Full-Thickness Rotator Cuff Tear and Rotator Cuff Injury	2022	Not a randomized controlled trial; PICO 2 is RCT only update
Heidar Abady, A.; Rosedale, R.; Chesworth, B. M.; Rotondi, M. A.; Overend, T. J.	Consistency of commonly used orthopedic special tests of the shoulder when used with the McKenzie system of mechanical diagnosis and therapy	2018	no relevant outcomes; mixed population
Heifner, J. J.; Kumar, A. D.; Wagner, E. R.	Glenohumeral osteoarthritis with intact rotator cuff treated with reverse shoulder arthroplasty: a systematic review	2021	systematic review
Heilig, P.; Jordan, M. C.; Paul, M. M.; Kupczyk, E.; Meffert, R. H.; Gbureck, U.; Hoelscher-Doht, S.	Augmentation of suture anchors with magnesium phosphate cement - Simple technique with striking effect	2022	Not a human subject study; biomechanical study of a finite model
Henderson, D. J. H.; Christensen, T. J.; Vo, A.; Plath, J. E.; Popescu, I. A.; Lafosse, L.	The V-shaped subscapularis tenotomy for anatomic total shoulder arthroplasty	2021	irrelevant population: degenerative joint disease w/ intact rotator cuff
Henrotin, J. B.; Petit-Gelin, V.	Rasch analysis of the Oxford shoulder score in a non-surgical occupational population	2022	Irrelevant Topic: Psychometric Properties of Oxford Shoulder Score
Hermena, S.; Solari, F.; Whitham, R.; Hatcher, C.; Donaldson, O.	Rationalization of Orthopaedic Surgical Instrument Trays: Three Years' Experience of a Practical Approach to Cut Down Unnecessary Costs	2021	cost analysis
Herring, M. J.; White, M.; Braman, J. P.	The WORC Index and Predicting Treatment Failure in Patients Undergoing Primary Arthroscopic Rotator Cuff Repair	2019	Tear type was unspecified
Hessburg, L. T.; Ziedas, A. C.; Cross, A. G.; Elhage, K.; Guo, E. W.; Yedulla, N.; Koolmees, D.; Muh, S. J.; Moutzouros, V.; Makhni, E. C.	Patients With Preoperative Clinical Depression Symptomology Experience Significant Improvements in Postoperative Pain, Function, and Depressive Symptoms Following Rotator Cuff Repair	2021	Mixed Population w/o Stratification: partial and full thickness tears
Heuberger, P. R.; Pauzenberger, L.; Gruber, M. S.; Kriegleder, B.; Ostermann, R. C.; Laky, B.; Anderl, W.	The knotless cinch-bridge technique for delaminated rotator cuff tears leads to a high healing rate and a more favorable short-term clinical outcome than suture-bridge repair	2019	Includes both partial and full thickness tears without stratification.
Heyer, J. H.; Perim, D. A.; Amdur, R. L.; Pandarinath, R.	Impact of smoking on outcomes following knee and shoulder arthroscopy	2020	tear type not specified

Authors	Article Title	Year	Reason for Exclusion
Hickey, I. P. M.; Davey, M. S.; Hurley, E. T.; Gaafar, M.; Delaney, R. A.; Mullett, H.	Return to play following open Bankart repair in collision athletes aged 18 years or less	2022	irrelevant population: No rotator cuff tears; no comparison group
Hijlkema, A.; Roozenboom, C.; Mensink, M.; Zwerver, J.	The impact of nutrition on tendon health and tendinopathy: a systematic review	2022	Systematic Review
Hik, F.; Ackland, D. C.	The moment arms of the muscles spanning the glenohumeral joint: a systematic review	2019	Systematic review
Hill, B. W.; Singh, A. M.; Astolfi, M.; Horneff, J. G.; Schoch, B. S.; Abboud, J. A.	Outcomes of rotator cuff repair with concurrent microfracture of focal glenohumeral osteoarthritis	2021	no comparison group
Hill, M.; Allen, C.; Williamson, T. K.; Martinez, V.; Vangeli, S.; Zaheer, A.; Kingery, M. T.; Checketts, J. X.	Top 50 most impactful publications on massive rotator cuff tears	2024	Systematic Review; Bib Review Completed
Hillesheim, R. A.; Kumar, P.; Brolin, T. J.; Bernholt, D. L.; Sethi, P. M.; Kowalsky, M. S.; Azar, F. M.; Throckmorton, T. W.	Periarticular liposomal bupivacaine mixture injection vs. single-shot interscalene block for postoperative pain in arthroscopic rotator cuff repair: a prospective randomized controlled trial	2021	irrelevant comparison: Periarticular liposomal bupivacaine mixture injection vs. single-shot interscalene block
Hines, A. C.; Pill, S. G.; Boes, N.; Reuschel, B.; Lutz, A.; Thigpen, C. A.; Shanley, E.; Kissenberth, M. J.	Mental health status, not resilience, influences functional recovery after arthroscopic rotator cuff repairs	2022	mixed population w/o stratification (partial tears included) Very Low Quality on Quality Appraisal
Hirahara, A. M.; Andersen, W. J.; Panero, A. J.	Ultrasound Assessment of the Superior Capsular Reconstruction With Dermal Allograft: An Evaluation of Graft Thickness and Vascularity	2019	small sample size: 18 total patients
Hirakawa, Y.; Manaka, T.; Ito, Y.; Nakazawa, K.; Iio, R.; Kubota, N.; Nakamura, H.	Comparison of cost, surgical time, and clinical results between arthroscopic transosseous rotator cuff repair with lateral cortical augmentation and arthroscopic transosseous equivalent suture bridge: A propensity score-matched analysis	2023	Irrelevant Comparison: Lateral Cortical Augmentation vs. Transosseous Suture Bridge
Hitchen, J.; Wragg, N. M.; Shariatzadeh, M.; Wilson, S. L.	Platelet Rich Plasma as a Treatment Method for Rotator Cuff Tears	2020	systematic review
Ho, J. C.; Kane, L.; Stone, M. A.; Romeo, A. A.; Abboud, J. A.; Namdari, S.	Arthroscopic debridement of irreparable rotator cuff tears: predictors of failure and success	2020	irrelevant population: revision surgery included
Ho, T. T.; Kim, G. T.; Kim, T.; Choi, S.; Park, E. K.	Classification of rotator cuff tears in ultrasound images using deep learning models	2022	Irrelevant Topic: Deep Learning for Diagnosis
Hochreiter, B.; Germann, C.; Feuerriegel, G. C.; Sutter, R.; Selman, F.; Gressl, M.; Ek, E. T.; Wieser, K.	Natural History of Quantitative Fatty Infiltration and 3D Muscle Volume After Nonoperative Treatment of Symptomatic Rotator Cuff Tears: A Prospective MRI Study of 79 Patients	2024	Non-surgical population and not relevant to PICO 3 or 6

Authors	Article Title	Year	Reason for Exclusion
Hochreiter, B.; Wyss, S.; Gerber, C.	Extension of the shoulder is essential for functional internal rotation after reverse total shoulder arthroplasty	2022	Mixed Population w/o Stratification; no comparison for RTSA
Hodax, J. D.; Shah, K. N.; Campbell, S. E.; Cameron, K. L.; Owens, B. D.	Measurement of the coracohumeral distance on magnetic resonance imaging in a large patient cohort	2021	Irrelevant Population: Asymptomatic, Healthy Shoulders
Hodgetts, C. J.; Leboeuf-Yde, C.; Beynon, A.; Walker, B. F.	Shoulder pain prevalence by age and within occupational groups: a systematic review	2021	systematic review, bib review complete
Hodgetts, C.; Walker, B.	Epidemiology, common diagnoses, treatments and prognosis of shoulder pain: A narrative review	2021	systematic review
Hoe-Hansen, C.; Norlin, R.	The clinical effect of ketoprofen after arthroscopic subacromial decompression: a randomized double-blind prospective study	1999	Irrelevant comparison: Ketoprofen vs. placebo
Hoffman, T. W.; Maher, A.; Leigh, W. B.; Brick, M. J.; Caughey, M. A.; Young, S. W.	Medium-term outcomes of a cohort of revision rotator cuff repairs	2020	irrelevant comparison: revision vs. primary RCR; risk factors for pain following revision is not relevant
Hofmann, U. K.; Hildebrand, F.; Mederake, M.; Migliorini, F.	Telemedicine in orthopaedics and trauma surgery during the first year of COVID pandemic: a systematic review	2023	Systematic Review
Hogan, R. E.; Hurley, E. T.; Kilkenny, C. J.; Moore, T. K.; Rowe, D. N.; Davey, M. S.; Pauzenberger, L.; Mullett, H.	Type V superior labral anterior-posterior tears results in lower rates of return to play	2021	Irrelevant population: shoulder instability, slap tears
Hohmann, E.; Konig, A.; Kat, C. J.; Glatt, V.; Tetsworth, K.; Keough, N.	Single- versus double-row repair for full-thickness rotator cuff tears using suture anchors. A systematic review and meta-analysis of basic biomechanical studies	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Hohn, E. A.; Gillette, B. P.; Burns, J. P.	Outcomes of arthroscopic revision rotator cuff repair with acellular human dermal matrix allograft augmentation	2018	No comparison group
Hole, R. M.; Fenstad, A. M.; Gjertsen, J. E.; Hallan, G.; Furnes, O. N.	The Delta III and Delta Xtend reverse shoulder arthroplasty. Risk of revision and failure mechanisms: a report on 3,650 cases from the Norwegian Arthroplasty Register 1994-2021	2023	Mixed Population w/o Stratification: inflammatory arthritis, fracture sequelae, primary OA, Rotator cuff arthropathy, acute fracture
Hollman, F.; Wolterbeek, N.; Flikweert, P. E.; Yang, K. G. A.	The optimal treatment for stage 2-3 Goutallier rotator cuff tears: A systematic review of the literature	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Holmgren, T.; Oberg, B.; Sjöberg, I.; Johansson, K.	Supervised strengthening exercises versus home-based movement exercises after arthroscopic acromioplasty: a randomized clinical trial	2012	Irrelevant Population: Pts underwent Acromioplasty

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Holschen, M.; Kiriazis, A.; Bockmann, B.; Schulte, T. L.; Witt, K. A.; Steinbeck, J.	Treating cuff tear arthropathy by reverse total shoulder arthroplasty: do the inclination of the humeral component and the lateral offset of the glenosphere influence the clinical and the radiological outcome?	2022	Mixed population of arthropathy and no arthropathy
Holsters, L.; Sadeghi, N.; Gendera, H.; Groen, V.; Bruls, V.; Lambers Heerspink, O.	Influence of humeral stem inclination in reverse shoulder arthroplasty on range of motion: a meta-analysis	2021	systematic review
Holtby, R.; Razmjou, H.	Validity of the supraspinatus test as a single clinical test in diagnosing patients with rotator cuff pathology	2004	Low Quality upon Appraisal - Keeping only Moderates and Highs for PICO 3
Holtby, R.; Razmjou, H.	Validity of the supraspinatus test as a single clinical test in diagnosing patients with rotator cuff pathology	2004	Identical Record to AAOS ID 6395
Holtedahl, R.; Boe, B.; Brox, J. I.	The clinical impact of retears after repair of posterosuperior rotator cuff tears: a systematic review and meta-analysis	2023	systematic review
Holtedahl, R.; Boe, B.; Brox, J. I.	Better Short-Term Outcomes After Rotator Cuff Repair in Studies With Poorer Mean Shoulder Scores and Predominantly Small to Medium-Sized Tears at Baseline: A Systematic Review and Meta-analysis	2022	systematic review
Holwein, C.; von Bibra, B.; Jungmann, P. M.; Karampinos, D. C.; Wortler, K.; Scheibel, M.; Imhoff, A. B.; Buchmann, S.	No healing improvement after rotator cuff reconstruction augmented with an autologous periosteal flap	2019	No comparison group
Holzer-Fleming, C.; Tavakkolizadeh, A.; Sinha, J.; Casey, J.; Moxham, J.; Colegate-Stone, T. J.	Value-based healthcare analysis of shoulder surgery for patients with symptomatic rotator cuff tears - Calculating the impact of arthroscopic cuff repair	2022	cost analysis
Hones, K. M.; Rakauskas, T. R.; Wright, J. O.; King, J. J.; Wright, T. W.; Werthel, J. D.; Schoch, B. S.; Hao, K. A.	Outcomes of Reverse Total Shoulder Arthroplasty with Latissimus Dorsi Tendon Transfer for External Rotation Deficit: A Systematic Review and Meta-Analysis	2023	systematic review
Hong, C. K.; Chang, C. J.; Kuan, F. C.; Hsu, K. L.; Chen, Y.; Chiang, C. H.; Su, W. R.	Patients With Diabetes Mellitus Have a Higher Risk of Tendon Retear After Arthroscopic Rotator Cuff Repair: A Meta-analysis	2020	systematic review
Hong, C. K.; Hsu, K. L.; Kuan, F. C.; Chang, H. M.; Chen, Y.; Chiang, C. H.; Su, W. R.	Owen, Sugaya, and Hayashida Classifications Give Poor Intra- and Inter-Rater Agreement on a Magnetic Resonance Imaging Evaluation of Subscapularis Tendon Retears	2022	irrelevant topic: inter-rater agreement on MRI for retears; no relevant outcomes
Hong, J. P.; Huang, S. W.; Lee, C. H.; Chen, H. C.; Charoenpong, P.; Lin, H. W.	Osteoporosis increases the risk of rotator cuff tears: a population-based cohort study	2022	irrelevant topic: risk factors for RC tears

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Hopewell, S.; Keene, D. J.; Marian, I. R.; Dritsaki, M.; Heine, P.; Cureton, L.; Dutton, S. J.; Dakin, H.; Carr, A.; Hamilton, W.; Hansen, Z.; Jaggi, A.; Littlewood, C.; Barker, K. L.; Gray, A.; Lamb, S. E.	Progressive exercise compared with best practice advice, with or without corticosteroid injection, for the treatment of patients with rotator cuff disorders (GRASP): a multicentre, pragmatic, 2 x 2 factorial, randomised controlled trial	2021	Duplicate study to AAOS ID 726
Hopewell, S.; Srikesavan, C.; Evans, A.; Er, F.; Rangan, A.; Preece, J.; Francis, A.; Massa, M. S.; Feldmann, M.; Lamb, S.; Nanchahal, J.	Anti-TNF (adalimumab) injection for the treatment of pain-predominant early-stage frozen shoulder: the Anti-Freeze-Feasibility randomised controlled trial	2024	small sample size: 9 total patients
Hoppe, M. W.; Brochhagen, J.; Tischler, T.; Beitzel, K.; Seil, R.; Grim, C.	Risk factors and prevention strategies for shoulder injuries in overhead sports: an updated systematic review	2022	systematic review
Horiuchi, S.; Nozaki, T.; Tasaki, A.; Ohde, S.; Deshpande, G. A.; Starkey, J.; Hara, T.; Kitamura, N.; Yoshioka, H.	Comparison Between Isotropic 3-Dimensional Fat-Suppressed T2-Weighted Fast Spin Echo (FSE) and Conventional 2-Dimensional Fat-Suppressed Proton-Weighted FSE Shoulder Magnetic Resonance Imaging at 3-T in Patients With Shoulder Pain	2018	relevant outcomes calculated with small sample size (n=11)
Hornung, S.; Reiter, G.; Grutzner, P. A.; Guhring, T.	Two-stage shoulder arthroplasty after deep infection of the shoulder caused by arthroplasty, osteosynthesis or other surgical procedures: microbial spectrum, complications and functional outcome after at least 1 year follow-up	2023	No comparison group; Mixed population w/o stratification
Horvat, U.; Kozinc, Z.	The Use of Shear-Wave Ultrasound Elastography in the Diagnosis and Monitoring of Musculoskeletal Injuries	2024	Systematic Review; Bib Review Completed
Hou, J.; Li, F.; Zhang, X.; Zhang, Y.; Yang, Y.; Tang, Y.; Yang, R.	The Ratio of the Transverse to Longitudinal Diameter of the Glenoid Projection Is of Good Predictive Value for Defining the Reliability of Critical Shoulder Angle in Nonstandard Anteroposterior Radiographs	2021	irrelevant topic: ratio of glenoid projection predicting CSA
Hou, Y.; Zhang, T.; Liu, W.; Lu, M.; Wang, Y.	The Effectiveness of Ultrasound-Guided Subacromial-Subdeltoid Bursa Combined With Long Head of the Biceps Tendon Sheath Corticosteroid Injection for Hemiplegic Shoulder Pain: A Randomized Controlled Trial	2022	Irrelevant Comparison: Multisite vs. Single Site
Houry, M.; Bonnard, M.; Tourny, C.; Gilliaux, M.	Kinematic, electromyographic and isokinetic measurements for the management of shoulder subacromial pain syndrome: A systematic review	2023	systematic review
Hsieh, Y. C.; Kuo, L. T.; Hsu, W. H.; Tsai, Y. H.; Peng, K. T.	Comparison of Outcomes after Arthroscopic Rotator Cuff Repair between Elderly and Younger Patient Groups: A Systematic Review and Meta-Analysis of Comparative Studies	2023	Systematic Review; Bib Review Completed

Authors	Article Title	Year	Reason for Exclusion
Hsu, K. L.; Kuan, F. C.; Velasquez Garcia, A.; Hong, C. K.; Chen, Y.; Shih, C. A.; Su, W. R.	Factors association with reparability of rotator cuff tears: A systematic review and meta-analysis	2024	Systematic Review, Bib Review Complete
Hsu, P. C.; Chang, K. V.; Wu, W. T.; Wang, J. C.; Ozcakar, L.	Effects of Ultrasound-Guided Peritendinous and Intrabursal Corticosteroid Injections on Shoulder Tendon Elasticity: A Post Hoc Analysis of a Randomized Controlled Trial	2021	irrelevant comparison: method of injection (both groups received same injection)
Hsu, T. H.; Lin, C. L.; Wu, C. W.; Chen, Y. W.; Vitoonpong, T.; Lin, L. C.; Huang, S. W.	Accuracy of Critical Shoulder Angle and Acromial Index for Predicting Supraspinatus Tendinopathy	2022	healthy control group
Hu, G.; Li, Z.; Li, H.; Guan, H.	Clinical Observation on the Treatment of Rotator Cuff Injury with Modified Buyang Huanwu Decoction and Rotator Cuff Repair	2021	paper retracted in 2023; Follow up criteria not met; f/u only 12 weeks (surgical picos require 12 mo follow up)
Hu, J.; Wei, K.; Xu, Y.; Chen, L.	Outcome of arthroscopic triple release combined with rotator cuff repair in the treatment of rotator cuff injury combined with frozen shoulder	2024	inadequate follow-up time (3 months); no adverse events reporting
Hu, Y.; Wu, L.; He, L.; Luo, X.; Hu, L.; Wang, Y.; Zhao, X.	Bibliometric and visualized analysis of scientific publications on rehabilitation of rotator cuff injury based on web of science	2023	Systematic Review
Huang, H.; Xu, F.; Feng, X.; Luo, Z.; Wang, Q.	Comparative outcomes of extracorporeal shockwave therapy for shoulder tendinitis or partial tears of the rotator cuff in athletes and non-athletes	2023	Letters to the editor
Huang, J.; Cheng, J.; Tang, S.; Shi, B.; Liu, G.; Xie, G.	Arthroscopic Subscapularis Tendon Repair Using the Mason-Allen Technique	2022	No comparison group
Huang, J.; Jiang, L.; Wang, J.; Wu, D.; Huang, W.; Hu, N.; Chen, H.	Ultrasound shear wave elastography-derived tissue stiffness is positively correlated with rotator cuff tear size and muscular degeneration	2022	mixed population w/o stratification; no relevant comparisons
Huang, Q.; Li, X.; Zhang, Y.; Jian, C.; Mou, H.; Ou, Y.	Comparison of clinical outcomes of arthroscopic rotator cuff repair utilizing suture-bridge procedures with or without medial knots: a meta-analysis	2023	systematic review, bib review complete
Huang, S. W.; Lin, C. L.; Lin, L. F.; Huang, C. C.; Liou, T. H.; Lin, H. W.	Autoimmune Connective Tissue Diseases and the Risk of Rotator Cuff Repair Surgery: A Population-Based Retrospective Cohort Study	2019	irrelevant topic: risk of RCR
Huang, T.; Liu, J.; Ma, Y.; Zhou, D.; Chen, L.; Liu, F.	Diagnostic accuracy of MRA and MRI for the bursal-sided partial-thickness rotator cuff tears: a meta-analysis	2019	Systematic Review; Bib Review Completed
Huang, T.; Zhang, W.; Yan, B.; Liu, H.; Girard, O.	Comparing Telerehabilitation and Home-based Exercise for Shoulder Disorders: A Systematic Review and Meta-analysis	2024	Systematic Review; Bib Review Completed
Huddleston, H. P.; Kurtzman, J. S.; Gedailovich, S.; Koehler, S. M.; Aibinder, W. R.	The rate and reporting of fracture after biceps tenodesis: A systematic review	2021	Systematic review

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Hufeland, M.; Brusis, C.; Kubo, H.; Grassmann, J.; Latz, D.; Patzer, T.	The acromiohumeral distance in the MRI should not be used as a decision criterion to assess subacromial space width in shoulders with an intact rotator cuff	2021	Irrelevant Population: rotator cuff tear excluded
Hufeland, M.; Wicke, S.; Verde, P. E.; Krauspe, R.; Patzer, T.	Biceps tenodesis versus tenotomy in isolated LHB lesions: a prospective randomized clinical trial	2019	irrelevant population: isolated slap lesions without concomitant rotator cuff pathologies
Hughes, J. D.; Davis, B.; Whicker, E.; Sprowls, G. R.; Barrera, L.; Baradaran, A.; Sabzevari, S.; Burnham, J. M.; Shah, A. A.; Lin, A.	Nonarthroplasty options for massive, irreparable rotator cuff tears have improvement in range of motion and patient-reported outcomes at short-term follow-up: a systematic review	2023	systematic review
Hughes, J. D.; Gibbs, C. M.; Drummond, M.; Vaswani, R.; Ayinon, C.; Fongod, E.; Godshaw, B. M.; Popchak, A.; Lesniak, B. P.; Lin, A.	Failure rates and clinical outcomes after treatment for long-head biceps brachii tendon pathology: a comparison of three treatment types	2021	irrelevant intervention; biceps tenodesis, biceps tenotomy for reparable tears
Hughes, J. D.; Gibbs, C. M.; Reddy, R. P.; Whicker, E.; Vaswani, R.; Eibel, A.; Talentino, S.; Popchak, A. J.; Lesniak, B. P.; Lin, A.	Repair of high-grade partial thickness supraspinatus tears after surgical completion of the tear have a lower retear rate when compared to full-thickness tear repair	2021	irrelevant population/comparison: partial thickness vs. full thickness tears
Hughes, J. D.; Kane, G.; LeVasseur, C. M.; Gabrielli, A. S.; Popchak, A. J.; Anderst, W. J.; Lin, A.	Graft healing does not influence subjective outcomes and shoulder kinematics after superior capsule reconstruction: a prospective in vivo kinematic study	2021	Small sample size: 10 total patients
Hui, S. S.; Liu, J.; Yang, Y. J.; Wan, J. H.; Suen, B. K.	Yi Jin Bang exercise versus usual exercise therapy to treat subacromial pain syndrome: a pilot randomised controlled trial	2022	Non-surgical population and not relevant to PICO 3 or 6
Hung, L. W.; Wu, S.; Lee, A.; Zhang, A. L.; Feeley, B. T.; Xiao, W.; Ma, C. B.; Lansdown, D. A.	Teres minor muscle hypertrophy is a negative predictor of outcomes after reverse total shoulder arthroplasty: an evaluation of preoperative magnetic resonance imaging and postoperative implant position	2021	no comparison group; arthropathy makes population irrelevant to PICO 8
Hunter, D. J.; Rivett, D. A.; McKiernan, S.; Snodgrass, S. J.	Acromiohumeral distance and supraspinatus tendon thickness in people with shoulder impingement syndrome compared to asymptomatic age and gender-matched participants: a case control study	2021	Irrelevant comparison: asymptomatic volunteers vs. patients with SIS
Huo, M.; Zhang, X.; Fan, J.; Qi, H.; Chai, X.; Qu, M.; Shan, Y.; Xie, H.; Wang, C.	Short-term effects of a new resistance exercise approach on physical function during chemotherapy after radical breast cancer surgery: a randomized controlled trial	2024	irrelevant topic: neuromuscular joint facilitation during chemo

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Hurd, J. L.; Facile, T. R.; Weiss, J.; Hayes, M.; Hayes, M.; Furia, J. P.; Maffulli, N.; Winnier, G. E.; Alt, C.; Schmitz, C.; Alt, E. U.; Lundeen, M.	Safety and efficacy of treating symptomatic, partial-thickness rotator cuff tears with fresh, uncultured, unmodified, autologous adipose-derived regenerative cells (UA-ADRCs) isolated at the point of care: a prospective, randomized, controlled first-in-human pilot study	2020	only 8 patients in corticosteroid group
Hurley, E. T.; Colasanti, C. A.; Anil, U.; Luthringer, T. A.; Alaia, M. J.; Campbell, K. A.; Jazrawi, L. M.; Strauss, E. J.	The Effect of Platelet-Rich Plasma Leukocyte Concentration on Arthroscopic Rotator Cuff Repair: A Network Meta-analysis of Randomized Controlled Trials	2021	systematic review
Hurley, E. T.; Crook, B. S.; Buldo-Licciardi, M.; Danilkowicz, R. M.; Anakwenze, O.; Mirzayan, R.; Klifto, C.; Jazrawi, L. M.	Acellular Dermal Matrix Augmentation of Arthroscopic Rotator Cuff Repair Reduces Re-Tear Rates: A Meta-Analysis of Randomized Control Trials	2023	systematic review
Hurley, E. T.; Crook, B. S.; Danilkowicz, R. M.; Jazrawi, L. M.; Mirzayan, R.; Dickens, J. F.; Anakwenze, O.; Klifto, C. S.	Bone Marrow Stimulation for Arthroscopic Rotator Cuff Repair: A Meta-analysis of Randomized Controlled Trials	2024	Systematic Review; Bib Review Completed
Hurley, E. T.; Fat, D. L.; Duigenan, C. M.; Miller, J. C.; Mullett, H.; Moran, C. J.	Biceps tenodesis versus labral repair for superior labrum anterior-to-posterior tears: a systematic review and meta-analysis	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Hurley, E. T.; Hannon, C. P.; Pauzenberger, L.; Fat, D. L.; Moran, C. J.; Mullett, H.	Nonoperative Treatment of Rotator Cuff Disease With Platelet-Rich Plasma: A Systematic Review of Randomized Controlled Trials	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Hurley, E. T.; Krez, A. N.; Wu, K. A.; Levin, J.; Crook, B. S.; Anakwenze, O. A.; Klifto, C. S.	Outcomes After Revision Arthroscopic Rotator Cuff Repair: A Systematic Review	2024	Systematic Review, Bib Review Complete
Hurley, E. T.; Lim Fat, D.; Moran, C. J.; Mullett, H.	The Efficacy of Platelet-Rich Plasma and Platelet-Rich Fibrin in Arthroscopic Rotator Cuff Repair: A Meta-analysis of Randomized Controlled Trials	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Hurley, E. T.; Maye, A. B.; Mullett, H.	Arthroscopic Rotator Cuff Repair: A Systematic Review of Overlapping Meta-Analyses	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Hurley, E. T.; Rodriguez, K.; Karavan, M. P.; Levin, J. M.; Helmkamp, J.; Anakwenze, O.; Alaia, M. J.; Klifto, C. S.	Tranexamic Acid for Rotator Cuff Repair: A Systematic Review and Meta-analysis of Randomized Controlled Trials	2024	Systematic Review; Bib Review Completed

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Hwang, D. W.; Yoo, D. H.; Bae, I. S.; Youn, J. H.; Yoon, K. Y.; Jang, W. S.; Lee, Y. J.; Park, J. H.; Cho, H. W.; Kim, S. D.; Lee, Y. J.; Yang, C.; Han, C. H.; Kim, D.; Park, K. S.; Ha, I. H.	Effectiveness of motion style acupuncture treatment for patients with shoulder disorders: A prospective observational study	2023	irrelevant to PICO: looking at different acupuncture styles
Hwang, J. T.; Jang, J. S.; Lee, J. J.; Song, D. K.; Lee, H. N.; Kim, D. Y.; Lee, S. S.; Hwang, S. M.; Kim, Y. B.; Lee, S.	Dexmedetomidine combined with interscalene brachial plexus block has a synergistic effect on relieving postoperative pain after arthroscopic rotator cuff repair	2020	Irrelevant Comparison: Dexmedetomidine vs. Control
Hwang, J. T.; Kim, Y. B.; Cho, M. S.; Seo, S. J.; Hong, M. S.	Combination of Superior and Posterior Capsular Release Versus Superior Capsular Release Alone in Arthroscopic Repair of Large-to-Massive Rotator Cuff Tears	2024	irrelevant comparison: SCR + posterior capsular release vs. SCR
Hyde, Z. B.; McMurtrie, J. T.; Lee, S. R.; Murali, S.; Hargreaves, M. D.; Ponce, B. A.; Brabston, E. W.; Momaya, A. M.	Partial rotator cuff repair versus debridement for irreparable rotator cuff tears: A systematic review	2024	Systematic Review; Bib Review Completed
Iavernig, T.; Zanette, M.; Miani, A.; Ronchese, F.; Larese Filon, F.	Incidence of shoulder disorders in a cohort of healthcare workers from 2009 to 2020	2023	Irrelevant Topic: Incidence of Shoulder Disease
Ichinose, T.; Shitara, H.; Tajika, T.; Kobayashi, T.; Yamamoto, A.; Hamano, N.; Sasaki, T.; Shimoyama, D.; Kamiyama, M.; Miyamoto, R.; Takagishi, K.; Chikuda, H.	Factors affecting the onset and progression of rotator cuff tears in the general population	2021	Non-surgical population and not relevant to PICO 3 or 6
Igrek, S.; Colak, T. K.	Comparison of the effectiveness of proprioceptive neuromuscular facilitation exercises and shoulder mobilization patients with Subacromial Impingement Syndrome: A randomized clinical trial	2022	Non-surgical population and not relevant to PICO 3 or 6
Ihsan Kilic, A.; Hapa, O.; Ozmanevra, R.; Demirhan Demirkiran, N.; Gursan, O.	Biceps tenodesis combined with rotator cuff repair increases functional status and elbow strength	2021	Small sample size: 19 total patients; no comparison group
Ikard, S. T., Jr.; Farmer, K. W.; Struk, A. M.; Garvan, C. S.; Gillespy, A.; Wright, T. W.	Rotator Cuff Dysfunction after Anatomic Total Shoulder Arthroplasty: Who is at Risk?	2020	irrelevant population: osteoarthritis; irrelevant comparison: cuff dysfunction after TSA vs no cuff dysfunction after TSA

Authors	Article Title	Year	Reason for Exclusion
Ilfeld, B. M.; Finneran, J. J. th; Gabriel, R. A.; Said, E. T.; Nguyen, P. L.; Abramson, W. B.; Khatibi, B.; Sztain, J. F.; Swisher, M. W.; Jaeger, P.; Covey, D. C.; Meunier, M. J.; Hentzen, E. R.; Robertson, C. M.	Ultrasound-guided percutaneous peripheral nerve stimulation: neuromodulation of the suprascapular nerve and brachial plexus for postoperative analgesia following ambulatory rotator cuff repair. A proof-of-concept study	2019	Sample Size too Small (n=16)
Ilfeld, B. M.; Plunkett, A.; Vijjeswarapu, A. M.; Hackworth, R.; Dhanjal, S.; Turan, A.; Cohen, S. P.; Eisenach, J. C.; Griffith, S.; Hanling, S.; Sessler, D. I.; Mascha, E. J.; Han, Y.; Boggs, J. W.; Wongsarnpigoon, A.; Gelfand, H.	Percutaneous Neuromodulation of the Brachial Plexus and Sciatic Nerve for the Treatment of Acute Pain Following Surgery: Secondary Outcomes From a Multicenter, Randomized, Controlled Pilot Study	2023	electric stimulation treatment vs. sham
Ilfeld, B. M.; Plunkett, A.; Vijjeswarapu, A. M.; Hackworth, R.; Dhanjal, S.; Turan, A.; Cohen, S. P.; Eisenach, J. C.; Griffith, S.; Hanling, S.; Sessler, D. I.; Mascha, E. J.; Yang, D.; Boggs, J. W.; Wongsarnpigoon, A.; Gelfand, H.	Percutaneous Peripheral Nerve Stimulation (Neuromodulation) for Postoperative Pain: A Randomized, Sham-controlled Pilot Study	2021	Sample Size too Small per Group: n=13/8
Ilyas, G.; Egeli, E.	Does Reverse Shoulder Arthroplasty Improve Function and Quality of Life in Patients With Rotator Cuff Tear Arthropathy?	2023	No Comparison Group; arthropathy makes it irrelevant to PICO 8
Imai, S.	Restoration of External Rotation Following a Lateral Approach for Glenoid Bony Increased-Offset Reverse Shoulder Arthroplasty	2021	Very Low Quality on Quality Appraisal
Imai, T.; Gotoh, M.; Fukuda, K.; Ogino, M.; Nakamura, H.; Ohzono, H.; Shiba, N.; Okawa, T.	Clinical outcome in patients with hand lesions associated with complex regional pain syndrome after arthroscopic rotator cuff repair	2021	irrelevant comparison by post-op development of complex regional pain syndrome in the hands
Imam, M. A.; Neumann, J.; Siebert, W.; Mai, S.; Verborgt, O.; Eckers, F.; Jacobs, L.; Meyer, D. C.	Prospective multicentre mid-term clinical and radiological outcomes of 159 reverse total shoulder replacements and assessment of the influence of post-operative complications	2022	Mixed Population w/o Stratification (see extended note)
Imam, N.; Sudah, S. Y.; Manzi, J. E.; Michel, C. R.; Pizzo, D. M.; Menendez, M. E.; Nicholson, A. D.	Pediatric Shoulder Arthroscopy is Effective and Most Commonly Indicated for Instability, Obstetric Brachial Plexus Palsy, and Partial Rotator Cuff Tears	2023	Systematic Review; Bib Review Completed

Authors	Article Title	Year	Reason for Exclusion
Imbergamo, C.; Sequeira, S. B.; Patankar, A.; Means, K. R., Jr.; Stein, J. A.	The statistical fragility of studies on rotator cuff repair with graft augmentation	2023	systematic review
Inagaki, K.; Ochiai, N.; Hiraoka, Y.; Ise, S.; Shimada, Y.; Hirosawa, N.; Hashimoto, E.; Ohtori, S.	Effect of arthroscopic subacromial decompression during arthroscopic repair of small to medium-sized rotator cuff tears	2023	Not a randomized controlled trial (See extended note); Irrelevant Risk Factors.
Inderhaug, E.; Kalsvik, M.; Kollevold, K. H.; Hegna, J.; Solheim, E.	Long-term results after surgical treatment of subacromial pain syndrome with or without rotator cuff tear	2018	non-RCT; irrelevant comparison: RCR w/ subacromial decompression vs. subacromial decompression alone
Innocenti, T.; Ristori, D.; Miele, S.; Testa, M.	The management of shoulder impingement and related disorders: A systematic review on diagnostic accuracy of physical tests and manual therapy efficacy	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Inui, H.; Nobuhara, K.	Modified Putti-Platt procedure for recurrent anterior shoulder instability	2020	irrelevant population: bankart lesion; rotator cuff injuries excluded;
Inui, H.; Yamada, J.; Nobuhara, K.	Does Margin Convergence Reverse Pseudoparalysis in Patients with Irreparable Rotator Cuff Tears?	2021	No comparison group
Ishigaki, T.; Yoshino, K.; Hirokawa, M.; Sugawara, M.; Yamanaka, M.	Supraspinatus tendon thickness and subacromial impingement characteristics in younger and older adults	2022	Irrelevant Topic: Tendon thickness and SAI characteristics relation to age
Ishikawa, H.; Muraki, T.; Morise, S.; Kurokawa, D.; Yamamoto, N.; Itoi, E.; Izumi, S. I.	Changes in shoulder muscle activities and glenohumeral motion after rotator cuff repair: an assessment using ultrasound real-time tissue elastography	2021	Inadequate follow-up time; Mixed Population; Irrelevant comparison group: healthy controls.
Ishikawa, H.; Muraki, T.; Yamamoto, N.; Itoi, E.; Izumi, S. I.	Effect of shoulder immobilization position and activities of daily living on the stiffness of the repaired supraspinatus tendon	2023	Small Sample Size: 18 total patients
Issa, K.; Pierce, C. M.; Pierce, T. P.; Boylan, M. R.; Zikria, B. A.; Naziri, Q.; Festa, A.; McInerney, V. K.; Scillia, A. J.	Total Shoulder Arthroplasty Demographics, Incidence, and Complications-A Nationwide Inpatient Sample Database Study	2016	Tear type was unspecified
Ito, D.; Kawakami, M.; Kuwahara, W.; Yamada, Y.; Kondo, K.; Tsuji, T.	Parameter mapping of hemiplegic shoulder electrical stimulation for motor function: A scoping review	2023	Systematic Review
Ito, D.; Numano, T.; Ueki, T.; Habe, T.; Maeno, T.; Takamoto, K.; Igarashi, K.; Maharjan, S.; Mizuhara, K.; Nishijo, H.	Magnetic resonance elastography of the supraspinatus muscle: A preliminary study on test-retest repeatability and wave quality with different frequencies and image filtering	2020	Small sample size/irrelevant population: 9 healthy volunteers; randomization not done

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Ito, Y.; Ishida, T.; Matsumoto, H.; Yamaguchi, S.; Suenaga, N.; Oizumi, N.; Yoshioka, C.; Yamane, S.; Hisada, Y.; Matsuhashi, T.	Passive shoulder abduction range of motion at 3 months postoperatively is the most important prognostic factor for achieving full recovery of range of motion at 6 months after arthroscopic rotator cuff repair	2024	no comparison group; mixed population of partial and full thickness tears
Itoigawa, Y.; Wada, T.; Kawasaki, T.; Morikawa, D.; Maruyama, Y.; Kaneko, K.	Supraspinatus Muscle and Tendon Stiffness Changes After Arthroscopic Rotator Cuff Repair: A Shear Wave Elastography Assessment	2020	No comparison group; mixed population w/o stratification; inadequate follow-up time
Itoigawa, Y.; Yoshida, K.; Nojiri, H.; Morikawa, D.; Kawasaki, T.; Wada, T.; Koga, A.; Maruyama, Y.; Ishijima, M.	Association of Recurrent Tear After Arthroscopic Rotator Cuff Repair and Superoxide-Induced Oxidative Stress	2021	irrelevant topic; association of recurrent tear and superoxide induced oxidative stress
Itro, A.; Trotta, M. C.; Miranda, R.; Paoletta, M.; De Cicco, A.; Lepre, C. C.; Tarantino, U.; D'Amico, M.; Toro, G.; Panni, A. S.	Why Use Adipose-Derived Mesenchymal Stem Cells in Tendinopathic Patients: A Systematic Review	2022	Systematic review; bib review complete
Ivaldo, N.; Mangano, T.; Caione, G.; Rossoni, M.	The kringle suture: maximizing tendon repair stability while limiting hardware utilization-description of the technique and preliminary results	2020	no comparison group; no risk factors analyzed
Iwashita, S.; Hashiguchi, H.; Okubo, A.; Yoneda, M.; Takai, S.	Nerve Block for Pain Relief During Arthroscopic Rotator Cuff Repair	2020	not randomized
Iwata, E.; Shigematsu, H.; Inoue, K.; Egawa, T.; Tanaka, M.; Okuda, A.; Morimoto, Y.; Masuda, K.; Yamamoto, Y.; Sakamoto, Y.; Koizumi, M.; Tanaka, Y.	Biceps-Related Physical Findings Are Useful to Prevent Misdiagnosis of Cervical Spondylotic Amyotrophy as a Rotator Cuff Tear	2018	irrelevant topic; Misdiagnosis of Cervical Spondylotic Amyotrophy as a Rotator Cuff Tear
Jackson, G. R.; Tuthill, T.; Schundler, S. F.; Condon, J. J.; Salazar, L. M.; Nwilo, M.; Kaplan, D. J.; Brusalis, C. M.; Khan, Z. A.; Knapik, D. M.; Chahla, J.; Cole, B. J.; Verma, N. N.	Acellular Dermal Allograft and Tensor Fascia Lata Autograft Show Similar Patient Outcome Improvement and High Rates of Complications and Failures at a Minimum 2-Year Follow-Up: A Systematic Review	2023	systematic review
Jaggi, A.; Herbert, R. D.; Alexander, S.; Majed, A.; Butt, D.; Higgs, D.; Rudge, W.; Ginn, K. A.	Arthroscopic capsular shift surgery in patients with atraumatic shoulder joint instability: a randomised, placebo-controlled trial	2023	irrelevant population: capsulolabral damage, rotator cuff tears excluded
Jahanian, O.; Van Straaten, M. G.; Barlow, J. D.; Murthy, N. S.; Morrow, M. M. B.	Progression of rotator cuff tendon pathology in manual wheelchair users with spinal cord injury: A 1-year longitudinal study	2023	Irrelevant Topic: Natural Progression of RC Tendon Pathology in Spinal Cord Injury

Authors	Article Title	Year	Reason for Exclusion
Jain, N. B.; Ayers, G. D.; Fan, R.; Kuhn, J. E.; Baumgarten, K. M.; Matzkin, E.; Higgins, L. D.	Predictors of pain and functional outcomes after operative treatment for rotator cuff tears	2018	Mixed Population w/o Stratification: partial and full- thickness tears
Jain, N. B.; Ayers, G. D.; Fan, R.; Kuhn, J. E.; Warner, J. J. P.; Baumgarten, K. M.; Matzkin, E.; Higgins, L. D.	Comparative Effectiveness of Operative Versus Nonoperative Treatment for Rotator Cuff Tears: A Propensity Score Analysis From the ROW Cohort	2019	Irrelevant population: patients with partial RC tears were included
Jain, N. B.; Fan, R.; Higgins, L. D.; Kuhn, J. E.; Ayers, G. D.	Does My Patient With Shoulder Pain Have a Rotator Cuff Tear?: A Predictive Model From the ROW Cohort	2018	irrelevant topic: nomogram predictive modeling; no relevant outcomes
Jaiswal, A.; Malhotra, A.; Hay, S.; Kelly, C. P.	Revision shoulder arthroplasty for failed surface replacement hemiarthroplasty	2019	No comparison group; mixed population w/o stratification
Jancuska, J.; Matthews, J.; Miller, T.; Kluczynski, M. A.; Bisson, L. J.	A Systematic Summary of Systematic Reviews on the Topic of the Rotator Cuff	2018	Systematic Review; Bib Review Completed
Janeiro, J.; Barreira, S.; Martins, P.; Ninitas, P.; Fonseca, J. E.; Campos, J.; Monteiro, J. M.	Palm-up test and range of motion in flexion and external rotation provide best correlation with disability and perceived pain in patients with shoulder complaints	2020	irrelevant topic: clinical tests as predictors of pain and disability
Janeiro, J.; Barreira, S.; Martins, P.; Sarmiento, M.; Campos, J.; Fonseca, J. E.	Ultrasound findings and prognosis of shoulder pain: A role for Doppler signal?	2023	irrelevant topic: US prognostic factors for shoulder pain; no relevant outcomes
Jang, Y. H.; Kim, D. O.; Kim, S. H.	Effect of preoperative teres minor hypertrophy on reverse total shoulder arthroplasty	2020	irrelevant comparison: hypertrophy vs. control
Jang, Y. H.; Oh, S. Y.; Kim, S. H.	Three-dimensional analysis of baseplate screw penetration in reverse total shoulder arthroplasty: risk of iatrogenic suprascapular neuropathy by screw violation	2022	irrelevant comparison: penetrating superior screw vs. penetrating posterior screw
Jaschke, M.; Kohler, H. C.; Weber, M. A.; Tischler, T.; Hacke, C.; Schulze, C.	Subacromial impingement syndrome: association of multiple magnetic resonance imaging parameters with shoulder function and pain	2023	Irrelevant Topic: Shoulder Impingement Syndrome
Jeanfavre, M.; Husted, S.; Leff, G.	Exercise Therapy in the Non-Operative Treatment of Full-Thickness Rotator Cuff Tears: A Systematic Review	2018	Systematic Review; Bib Review Completed
Jensen, A. R.; Sharma, A. K.; Formanek, B.; Wang, C.; Buser, Z.; Wang, J. C.; Petrigliano, F. A.	Continuous Peripheral Nerve Blocks Are Associated With Increased Rates of Emergency Department Visits After Arthroscopic Rotator Cuff Repair Surgery	2020	irrelevant comparison: single vs continuous peripheral nerve blocks
Jensen, A. R.; Tangtiphaiboonantana, J.; Marigi, E.; Mallett, K. E.; Sperling, J. W.; Sanchez- Sotelo, J.	Anatomic total shoulder arthroplasty for primary glenohumeral osteoarthritis is associated with excellent outcomes and low revision rates in the elderly	2021	irrelevant population: primary glenohumeral osteoarthritis

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Jensen, M. L.; Jensen, S. L.; Bolder, M.; Hanisch, K. W. J.; Sorensen, A. K. B.; Olsen, B. S.; Falstie-Jensen, T.; Rasmussen, J. V.	Previous rotator cuff repair increases the risk of revision surgery for periprosthetic joint infection after reverse shoulder arthroplasty	2023	irrelevant comparison by type of prior surgery; mixed population w/o stratification for relevant risk factors
Jenssen, K. K.; Lundgreen, K.; Madsen, J. E.; Kvakestad, R.; Dimmen, S.	Prognostic Factors for Functional Outcome After Rotator Cuff Repair: A Prospective Cohort Study With 2-Year Follow-up	2018	Mixed Population w/o Stratification: partial and full thickness tears
Jeon, Y. S.; Rhee, Y. G.	Factors associated with poor active anterior elevation after reverse total shoulder arthroplasty	2018	irrelevant population; cuff tear arthropathy or other pathologic processes associated with primary osteoarthritis (OA), RA, PTA, postinfectious sequelae, or fracture
Jeong, H. J.; Kim, H. S.; Rhee, S. M.; Oh, J. H.	Risk factors for and prognosis of folded rotator cuff tears: a comparative study using propensity score matching	2021	irrelevant comparison: folded cuff tear vs. cuff tear without a folded portion
Jeong, H. J.; Kong, B. Y.; Rhee, S. M.; Oh, J. H.	Hemodynamic change and affecting factors after shoulder arthroplasty in the Asian population	2019	mixed diagnoses across the different interventions
Jeong, H. J.; Kwon, J.; Rhee, S. M.; Oh, J. H.	New quantified measurement of fatty infiltration of the rotator cuff muscles using magnetic resonance imaging	2020	Small Sample Size: 14 Total Patients; irrelevant population: shoulders w/o lesions
Jeong, H. J.; Nam, K. P.; Yeo, J. H.; Rhee, S. M.; Oh, J. H.	Retear After Arthroscopic Rotator Cuff Repair Results in Functional Outcome Deterioration Over Time	2022	Mixed Population w/o Stratification; irrelevant comparisons (see extended note)
Jeong, H. Y.; Kim, H. J.; Jeon, Y. S.; Rhee, Y. G.	Factors Predictive of Healing in Large Rotator Cuff Tears: Is It Possible to Predict Retear Preoperatively?	2018	no relevant risk factors
Jeong, J. H.; Yoon, E. J.; Kim, B. S.; Ji, J. H.	Biceps-incorporating rotator cuff repair with footprint medialization in large-to-massive rotator cuff tears	2022	No comparison group
Jeong, J. J.; Park, S. E.; Ji, J. H.; Lee, H. H.; Jung, S. H.; Choi, B. S.	Trans-tendon suture bridge rotator cuff repair with tenotomized pathologic biceps tendon augmentation in high-grade PASTA lesions	2020	no comparison group
Jeong, J. Y.; Chung, P. K.; Yoo, J. C.	Effect of sodium hyaluronate/ carboxymethyl cellulose (Guardix-sol) on re-tear rate and postoperative stiffness in arthroscopic rotator cuff repair patients: A prospective cohort study	2017	non-biologic for pico 9- sodium hyaluronate/ carboxymethyl cellulose
Jeong, J. Y.; Khil, E. K.; Kim, A. Y.; Lee, S. A.; Choi, J. A.	Utility of Preoperative Shear-Wave Elastography of the Supraspinatus Muscle for Predicting Successful Rotator Cuff Repair: A Prospective Observational Study With MRI Correlation	2022	irrelevant outcomes: predicting repair success
Jeong, J. Y.; Khil, E. K.; Kim, T. S.; Kim, Y. W.	Effect of co-administration of atelocollagen and hyaluronic acid on rotator cuff healing	2021	Irrelevant Comparison: HA and atelocollagen injection

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Jeong, J. Y.; Kim, S. J.; Yoon, T. H.; Eum, K. S.; Chun, Y. M.	Arthroscopic Repair of Large and Massive Rotator Cuff Tears: Complete Repair with Aggressive Release Compared with Partial Repair Alone at a Minimum Follow-up of 5 Years	2020	Irrelevant Topic: Arthroscopic Complete Repair w/ Anterior Interval Slide
Jeong, J. Y.; Park, K. M.; Sundar, S.; Yoo, J. C.	Clinical and radiologic outcome of arthroscopic rotator cuff repair: single-row versus transosseous equivalent repair	2018	mixed population of partial and full thickness tears w/o stratification
Jeong, J. Y.; Shim, S. B.; Hong, J. H.; Im, W.; Lee, S. M.; Yoo, J. C.	Effect of Preoperative Frozen Shoulder on Clinical Outcomes After Arthroscopic Rotator Cuff Repair	2020	no relevant risk factors; frozen shoulder
Jeong, J. Y.; Yoon, Y. C.; Lee, S. M.; Yoo, J. C.	Arthroscopic Incomplete Repair Using a "Hybrid Technique" for Large to Massive Rotator Cuff Tears: Clinical Results and Structural Integrity	2018	Irrelevant Topic: Arthroscopic 'Incomplete' Repair
Jernheden, I.; Szaro, P.	The internal structure of the infraspinatus muscle: a magnetic resonance study	2022	Irrelevant topic: MRI to describe internal structure of muscle
Jeske, H. C.; Tauber, M.; Wambacher, M.; Perwanger, F.; Liebensteiner, M.; Kralinger, F.	Clinical outcomes in latissimus dorsi transfer single-versus double-incision technique	2023	irrelevant comparison: single vs. double incision technique for LDIT
Ji, H.; Liu, H.; Han, W.; Xia, Y.; Liu, F.	Bibliometric analysis of extracorporeal shock wave therapy for tendinopathy	2023	Bibliometric Analysis
Ji, J. H.; Choi, C.; You, H.; Parikh, D.; Oh, S.	Effects of Arthroscopic Atelocollagen Insertion in High-Grade Partial Articular Supraspinatus Tendon Avulsion Lesions: A Retrospective Cohort Study With Propensity Score Matching	2023	Irrelevant Comparison: repair w/ atelocollagen vs. repair
Jiang, L.; He, J.; Chen, C. P. C.; Xie, D.; Mai, Y.; Yue, B.; Dou, Z.	The Ultrasonographic Features of Shoulder Pain Patients in a Tertiary Hospital in South China	2020	irrelevant topic: epidemiologic study of shoulder pain
Jiang, X.; Zhang, H.; Wu, Q.; Chen, Y.; Jiang, T.	Comparison of three common shoulder injections for rotator cuff tears: a systematic review and network meta-analysis	2023	systematic review
Jiangping, W.; Xiaolin, Q.; Han, S.; Zhou, X.; Mao, N.; Zhibo, D.; Ting, G.; Shidong, H.; Xiangwei, L.; Xin, Y.; Guoyin, S.	Network Meta-Analysis of Perioperative Analgesic Effects of Different Interventions on Postoperative Pain After Arthroscopic Shoulder Surgery Based on Randomized Controlled Trials	2022	systematic review, bib review complete
Jin, H.; Deng, Z.; Sun, J.; Vithran, D. T. A.; Xiao, W.; Li, Y.	Surgical management for massive rotator cuff tears: a network meta-analysis of randomized controlled trials	2024	Systematic Review; Bib Review Completed
Jin, H.; Ding, Y.; Wang, W.; Ye, R.; He, M.; Xie, W.; Li, H.; Xiao, W.; Li, Y.	Arthroscopic therapy of rotator cuff diseases: A bibliometric study of the past 2 decades (2002-2021)	2022	Systematic Review
Jo, C. H.; Chai, J. W.; Jeong, E. C.; Oh, S.; Yoon, K. S.	Intratendinous Injection of Mesenchymal Stem Cells for the Treatment of Rotator Cuff Disease: A 2-Year Follow-Up Study	2020	insufficient group size; comparison groups w/ n=3

Authors	Article Title	Year	Reason for Exclusion
Jo, C. H.; Lee, Y. J.; Lee, Y. G.; Lee, J. M.; Kim, J. E.	Factors associated with degeneration of rotator cuff tendon : a histological study in patients with rotator cuff tear	2019	irrelevant topic: histological analysis of harvested sample
Jo, C. H.; Shin, J. S.; Huh, J.	Multimodal analgesia for arthroscopic rotator cuff repair: a randomized, placebo-controlled, double-blind trial	2014	irrelevant comparison: ropivacaine + morphine + epinephrine vs. cefotetan vs. saline
Jo, C. H.; Shin, J. S.; Lee, Y. G.; Shin, W. H.; Kim, H.; Lee, S. Y.; Yoon, K. S.; Shin, S.	Platelet-rich plasma for arthroscopic repair of large to massive rotator cuff tears: a randomized, single-blind, parallel-group trial	2013	excluded from previous guideline "Not best available evidence"
Jo, Y. G.; Park, I.; Kang, J. S.; Shin, S. J.	Clinical Outcomes and Tendon Integrity in Patients With Chronic Retracted Subscapularis Tear After Arthroscopic Single-Row Oblique Mattress Suture Repair Technique	2019	No comparison group
Jo, Y. H.; Lee, K. H.; Jeong, S. Y.; Kim, S. J.; Lee, B. G.	Shoulder outcome scoring systems have substantial ceiling effects 2 years after arthroscopic rotator cuff repair	2021	No comparison group
Jo, Y.; Oh, C.; Lee, W. Y.; Chung, H. J.; Park, H.; Park, J.; Lee, J.; Kim, Y. H.; Ko, Y.; Chung, W.; Hong, B.	Effect of local anesthetic volume (20 vs. 40 ml) on the analgesic efficacy of costoclavicular block in arthroscopic shoulder surgery: a randomized controlled trial	2023	Irrelevant Comparison: High vs. Low Volume Ropivacaine
Jo, Y.; Oh, C.; Lee, W. Y.; Chung, H. J.; Park, J.; Kim, Y. H.; Ko, Y.; Chung, W.; Hong, B.	Randomised comparison between superior trunk and costoclavicular blocks for arthroscopic shoulder surgery: A noninferiority study	2022	irrelevant comparison: superior trunk block vs. costoclavicular block
Johannsen, A. M.; Arner, J. W.; Elrick, B. P.; Nolte, P. C.; Rakowski, D. R.; Horan, M. P.; Millett, P. J.	Minimum 10-Year Outcomes of Primary Arthroscopic Transosseous-Equivalent Double-Row Rotator Cuff Repair	2021	no comparison group
Johns, W. L.; Ailaney, N.; Lacy, K.; Golladay, G. J.; Vanderbeck, J.; Kalore, N. V.	Implantable Subacromial Balloon Spacers in Patients With Massive Irreparable Rotator Cuff Tears: A Systematic Review of Clinical, Biomechanical, and Financial Implications	2020	systematic review, bib review complete
Johnson, A. H.; Parkison, A.; Petre, B. M.; Turcotte, J. J.; Redziniak, D. E.	Racial disparities in outcomes of arthroscopic rotator cuff repair: A propensity score matched analysis using multiple national data sets	2022	Tear type was unspecified
Johnson, A. H.; West, M.; Fowler, M. B.; Petre, B. M.; Turcotte, J. J.; Redziniak, D. E.	What is the Optimal Construct to Reduce Failure in Arthroscopic Four Anchor Rotator Cuff Repair?	2023	Mixed population w/o stratification; no relevant risk factors (see extended note)
Johnson, A. H.; York, J. J.; Lashgari, C. J.; Petre, B. M.; Turcotte, J. J.; Redziniak, D. E.	Effects of preexisting depression and anxiety on postoperative outcomes following arthroscopic rotator cuff repair	2022	Tear type was unspecified

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Jolissaint, J. E.; Scarola, G. T.; Odum, S. M.; Leas, D.; Hamid, N.; Chapman, T. M.; Connor, P. M.; Curtin, B. M.; Gaston, R. G.; Irwin, T. A.; Loeffler, B. J.; Michalek, C.; Milam, R. A.; Saltzman, B. M.; Schiffen, S. C.; Wally, M. K.	Opioid-free shoulder arthroplasty is safe, effective, and predictable compared with a traditional perioperative opiate regimen: a randomized controlled trial of a new clinical care pathway	2022	mixed population w/o stratification (CTA, OA or AVN)
Jomaa, M. N.; Branni, M.; Ingoe, H.; Pareyon, R.; Italia, K.; Launay, M.; Salhi, A.; Gilliland, L.; Nielsen, J.; Maharaj, J.; Cutbush, K.; Gupta, A.	Does forearm referencing using a retroversion guide achieve the targeted retroversion of the humeral component in reverse shoulder arthroplasty?	2023	irrelevant topic: retroversion guide for targeted retroversion; mixed population: OA or arthropathy
Jones, A. M.; Koehoorn, M.; McLeod, C. B.	Gender Differences in Surgery for Work-Related Musculoskeletal Injury: A Population-Based Cohort Study	2020	irrelevant topic: risk factors of surgery
Jones, I. A.; Togashi, R.; Heckmann, N.; Vangsness, C. T., Jr.	Minimal clinically important difference (MCID) for patient-reported shoulder outcomes	2020	systematic review
Jones, T.; Carr, A. J.; Beard, D.; Linton, M. J.; Rooshenas, L.; Donovan, J.; Hollingworth, W.	Longitudinal study of use and cost of subacromial decompression surgery: the need for effective evaluation of surgical procedures to prevent overtreatment and wasted resources	2019	cost analysis
Joo, M. S.; Lee, S. H.; Kim, D. K.; Cho, Y. H.; Kim, J. W.	Outcomes After Superior Capsular Reconstruction With an Achilles Tendon-Bone Allograft Using the Modified Keyhole Technique: A 2-Year Follow-up of a Novel Technique for Irreparable Rotator Cuff Tears	2023	No comparison group- all patients underwent SCR using an Achilles tendon-bone allograft
Joo, Y. B.; Lee, W. Y.; Shin, H. D.; Kim, K. C.; Kim, Y. K.	Risk factors for failure of eradicating infection in a single arthroscopic surgical procedure for septic arthritis of the adult native shoulder with a focus on the volume of irrigation	2020	irrelevant population: septic arthritis
Jordan, R. W.; Bentick, K.; Saithna, A.	Transtendinous repair of partial articular sided supraspinatus tears is associated with higher rates of stiffness and significantly inferior early functional scores than tear completion and repair: A systematic review	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Jordan, R. W.; Sharma, N.; Daggett, M.; Saithna, A.	The role of Superior Capsule Reconstruction in the irreparable rotator cuff tear - A systematic review	2019	Systematic Review; Bib Review Completed
Jordan, R. W.; Sloan, R.; Saithna, A.	Should we avoid shoulder surgery in wheelchair users? A systematic review of outcomes and complications	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Joshi, K.; Komwad, A.; Kundgir, S.	EVALUATING SHOULDER JOINT PATHOLOGIES USING MRI: A PROSPECTIVE STUDY IN A TERTIARY CARE SETTING	2024	No reference standard; no relevant outcomes

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Joyce, C. D.; Stoll, K. E.; Harper, T. M.; Sherman, M.; Botros, J.; Getz, C. L.; Namdari, S.; Davis, D. E.	Shoulder Synovitis Does not Affect Pain After Arthroscopic Rotator Cuff Repair	2022	mixed population w/ partial and full thickness tears
Jung, C.; Tepohl, L.; Tholen, R.; Beitzel, K.; Buchmann, S.; Gottfried, T.; Grim, C.; Mauch, B.; Krischak, G.; Ortmann, H.; Schoch, C.; Mauch, F.	Rehabilitation following rotator cuff repair: A work of the Commission Rehabilitation of the German Society of Shoulder and Elbow Surgery e.V. (DVSE) in collaboration with the German Association for Physiotherapy (ZVK) e.V., the Association Physical Therapy, Association for Physical Professions (VPT) e.V. and the Section Rehabilitation-Physical Therapy of the German Society for Orthopaedics and Trauma e.V. (DGOU)	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Jung, J. W.; Seo, J. B.; Lee, J. Y.; Yoo, J. S.	Arthroscopic Medialization Partial Repair with Biologic Interposition Tuberopecty for Large to Massive Irreparable Rotator Cuff Tear	2024	Technical note; No comparison group
Jung, S. W.; Jin, J. W.; Kim, D. H.; Kim, H. S.; Lee, G. E.; Kim, J. W.; Jang, M. J.	Diagnostic value of the axial view of magnetic resonance imaging to identify two-dimensional shapes of full-thickness rotator cuff tears	2020	No relevant outcomes
Jung, S. W.; Kim, D. H.; Park, T. H.; Park, J. Y.; Jeon, J. M.	Humeral head coverage in arthroscopic partial repair of massive rotator cuff tears improves functional outcomes: an analysis of influential factors	2022	no outcomes of interest
Jung, W.; Kim, D. O.; Kim, J.; Kim, S. H.	Novel and reproducible technique coping with intraoperative anchor pullout during arthroscopic rotator cuff repair	2021	suture anchor types changed throughout the study
Jung, W.; Lee, S.; Hoon Kim, S.	The natural course of and risk factors for tear progression in conservatively treated full-thickness rotator cuff tears	2020	Non-surgical population and not relevant to PICO 3 or 6
Kaab, M. J.; Kohut, G.; Irlenbusch, U.; Joudet, T.; Reuther, F.	Reverse total shoulder arthroplasty in massive rotator cuff tears: does the Hamada classification predict clinical outcomes?	2022	No relevant comparison group and not RCT
Kahraman, S.; Karslioglu, B.; Imren, Y.; Keskin, A.; Bilisel, K.; Dedeoglu, S. S.	Comparison of Functional Outcomes and Complications of Inlay and Onlay Reverse Shoulder Arthroplasty in Neer Type 4 Proximal Humerus Fractures and Cuff Tear Arthropathy: A Multicentric Study	2024	Mixed Population w/o Stratification: cuff tear arthropathy or proximal humerus fractures
Kaiser, T. J.; Shanley, E.; Denninger, T. R.; Reuschel, B.; Kissenberth, M. J.; Tolan, S. J.; Thigpen, C. A.; Pill, S. G.	Preoperative screening in patients having elective shoulder surgery reveals a high rate of fall risk	2021	Irrelevant Topic: Fall Risk; Inadequate follow-up time (see extended note)
Kajita, Y.; Iwahori, Y.; Harada, Y.; Deie, M.; Takahashi, R.	Detection of Cutibacterium acnes in arthroscopic rotator cuff and bankart repair	2020	irrelevant comparison: arthroscopic cuff repair vs. Bankart repair

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Kajita, Y.; Iwahori, Y.; Harada, Y.; Takahashi, R.; Deie, M.	Incidence of Cutibacterium acnes in open shoulder surgery	2021	Mixed Population w/o Stratification: Rotator cuff repair, reverse shoulder replacement for irreparable massive Rotator cuff tears, and open reduction and internal fixation for intra-articular fractures
Kajita, Y.; Iwahori, Y.; Harada, Y.; Takahashi, R.; Sagami, R.; Deie, M.	Comparison of clinical outcome and repair integrity after arthroscopic suture-bridge and triple-row rotator cuff repairs of Fosbury flop tears	2023	Mixed Population w/o Stratification: partial and full thickness tears
Kajita, Y.; Iwahori, Y.; Harada, Y.; Takahashi, R.; Sagami, R.; Deie, M.	Clinical outcome and repair integrity after arthroscopic full-thickness rotator cuff repair: Triple-row versus suture-bridge techniques	2023	irrelevant comparison: triple row technique vs. suture bridge technique technique
Kalthoff, A.; Sanda, M.; Tate, P.; Evanson, K.; Pederson, J. M.; Paranjape, G. S.; Patel, P. D.; Sheffels, E.; Miller, R.; Gupta, A.	Peripheral Nerve Blocks Outperform General Anesthesia for Pain Control in Arthroscopic Rotator Cuff Repair: A Systematic Review and Meta-analysis	2022	systematic review
Kamonseki, D. H.; da Rocha, G. M.; Ferreira, Vmlm; Ocarino, J. M.; Pogetti, L. S.	Extracorporeal Shockwave Therapy for the Treatment of Noncalcific Rotator Cuff Tendinopathy: A Systematic Review and Meta-analysis	2024	Systematic Review; Bib Review Completed
Kamonseki, D. H.; Haik, M. N.; Ribeiro, L. P.; Almeida, R. F.; Camargo, P. R.	Scapular movement training is not superior to standardized exercises in the treatment of individuals with chronic shoulder pain and scapular dyskinesis: randomized controlled trial	2023	Non-surgical population and not relevant to PICO 3 or 6
Kamonseki, D. H.; Pott-Junior, H.; Haik, M. N.; Almeida, L. A.; Camargo, P. R.	Pain-related fear phenotypes are associated with function of the upper limbs in individuals with shoulder pain	2021	Not relevant to PICOs (see extended note).
Kanat, C.; Ugras, G. A.; Unal, R.; Donmez, S. C.; Tasdelen, B.; Oztuna, F. V.	The effect of video-assisted training on upper extremity problems and functions after rotator cuff repair: a randomized controlled trial	2024	both groups received unsupervised PT
Kanatli, U.; Ayanoglu, T.; Esen, E.; Ataoglu, B.; Ozer, M.; Cetinkaya, M.; Kaptan, A. Y.	Could superior capsule findings be used as a predictor for partial bursal-sided rotator cuff tears?	2020	irrelevant topic: predictors of tears
Kanazawa, K.; Hagiwara, Y.; Sekiguchi, T.; Suzuki, K.; Koide, M.; Ando, A.; Yabe, Y.	Correlations between Capsular Changes and ROM Restriction in Frozen Shoulder Evaluated by Plain MRI and MR Arthrography	2018	no outcomes of interest, also irrelevant topic: frozen shoulder
Kane, L. T.; Luthringer, T.; Vaughan, A.; Kim, S.; Ramsey, M. L.; Namdari, S.	Outcomes of initial nonoperative treatment of traumatic full-thickness rotator cuff tears	2024	Irrelevant Comparison: Surgical vs. Control (non-op for both groups)
Kang, H. J.; Park, J. S.; Ryu, K. N.; Rhee, Y. G.; Jin, W.; Park, S. Y.	Assessment of postoperative acromial and subacromial morphology after arthroscopic acromioplasty using magnetic resonance imaging	2021	No comparison group; mixed population of partial and full

Authors	Article Title	Year	Reason for Exclusion
			thickness tears (not relevant for PICO 8)
Kang, M.; Bladon, J.; Sergio, L. E.	Group format rehabilitation is equally effective as individual therapy in patients with surgically repaired rotator cuff tears	2020	irrelevant comparison: individual PT vs. group PT (both were supervised)
Kang, S. W.; Park, C. K.; Woo, S. H.; Kim, T. W.; Moon, M. H.; Yang, J. H.; Choi, M. H.	Factors Influencing the Size of a Non-Traumatic Full-Thickness Rotator Cuff Tear: Focusing on Socioeconomic Factors	2022	Irrelevant Risk Factor: Rotator cuff tear size on preoperative MRI
Kang, Y.; Choi, D.; Lee, K. J.; Oh, J. H.; Kim, B. R.; Ahn, J. M.	Evaluating subscapularis tendon tears on axillary lateral radiographs using deep learning	2021	Irrelevant Topic: Deep Learning for Diagnosis
Kaniewska, M.; Deininger-Czermak, E.; Getzmann, J. M.; Wang, X.; Lohezic, M.; Guggenberger, R.	Application of deep learning-based image reconstruction in MR imaging of the shoulder joint to improve image quality and reduce scan time	2023	Irrelevant Topic: Deep Learning as a diagnostic tool
Kankanal, P.; Borton, Z. M.; Morgan, M. L.; Cresswell, T.; Espag, M. P.; Tambe, A. A.; Clark, D. I.	Minimum five-year outcomes of reverse total shoulder arthroplasty using a trabecular metal glenoid base plate	2021	No comparison group
Kanto, K.; Lahdeoja, T.; Paavola, M.; Aronen, P.; Jarvinen, T. L. N.; Jokihaara, J.; Arden, C. L.; Karjalainen, T. V.; Taimela, S.	Minimal important difference and patient acceptable symptom state for pain, Constant-Murley score and Simple Shoulder Test in patients with subacromial pain syndrome	2021	Irrelevant population: patients with subacromial pain syndrome, no tears
Kany, J.; Meirlaen, S.; Werthel, J. D.; van Rooij, F.; Saffarini, M.; Grimberg, J.	Matched Cohort Study Comparing Arthroscopic-Assisted Versus Full-Arthroscopic Latissimus Dorsi Tendon Transfer for Irreparable Massive Rotator Cuff Tears	2023	Irrelevant Comparison: Arthroscopic vs. Arthroscopically-Assisted
Kany, J.; Sekakaran, P.; Amavarathi, R. S.; Patil, P.; Grimberg, J.; Valenti, P.; Werthel, J. D.	Posterior latissimus dorsi transfer for massive irreparable posterosuperior rotator cuff tears: does it work in the elderly population? A comparative study between 2 age groups (≤ 55 vs. ≥ 75 years old)	2021	Irrelevant Population: revision surgery included w/o stratification
Kany, J.; Sekaran, P.; Grimberg, J.; Amavarathi, R. S.; Valenti, P.; Elhassan, B.; Werthel, J. D.	Risk of latissimus dorsi tendon rupture after arthroscopic transfer for posterior superior rotator cuff tear: a comparative analysis of 3 humeral head fixation techniques	2020	Irrelevant Population: >20% of sample secondary surgery
Kany, J.; Siala, M.; Werthel, J. D.; ReSurg.; Grimberg, J.	Full arthroscopic versus arthroscopically assisted posterosuperior latissimus dorsi tendon transfer for shoulders with failed and irreparable rotator cuff repair: matched case-control study	2023	Irrelevant Comparison: Arthroscopic vs. Arthroscopically-Assisted

Authors	Article Title	Year	Reason for Exclusion
Kao, J. T.; Chiu, C. H.; Hsu, K. Y.; Chang, S. S.; Chan, Y. S.; Chen, A. C.	Arthroscopic diagnosis of long head of biceps tendon instability in refractory anterior shoulder pain: A comparison study between pulley tear and non-tear lesions	2023	Irrelevant Population: rotator cuff tear excluded
Kaptan, A. Y.; Ulucakoy, C.; Ozer, M.; Cetinkaya, M.; Ayanoglu, T.; Ataoglu, M. B.; Kanatli, U.	Partial and full-thickness rotator cuff tears in patients younger than 45 years	2020	Irrelevant comparison: partial thickness vs. full thickness tears
Kara, Y. S.; Hapa, O.; Isin, Y.; Kilic, A. I.; Havitcioglu, H.	A comparison of ice wrap and subacromial injection for postoperative pain and edema control following arthroscopic rotator cuff repair	2020	Irrelevant Comparison: Ice Wrap vs. Subacromial Injection vs. Control
Karahan, N.; Yilmaz, B.; Oztermeli, A.; Kaya, M.; Duman, S.; Cicek, E. D.	Evaluation of critical shoulder angle and acromion index in patients with anterior shoulder instability and rotator cuff tear	2021	irrelevant topic: glenohumeral morphological differences and correlation to tears; no relevant outcomes
Karakus, O.; Gurer, B.; Kilic, S.; Sinan Sari, A.	The Effect of Acromioplasty or Bursectomy on the Results of Arthroscopic Repair of Full Thickness Rotator Cuff Tears: Does the Acromion Type Affect These Results?	2021	Not a randomized controlled trial; PICO 2 is RCT only update
Karanasios, S.; Baglatzis, G.; Lignos, I.; Billis, E.	Manual Therapy and Exercise Have Similar Outcomes to Corticosteroid Injections in the Management of Patients With Subacromial Pain Syndrome: A Systematic Review and Meta-Analysis	2023	Systematic Review; Bib Review Completed
Kararti, C.; Ozudogru, A.; Basat, H. C.; Ozsoy, I.	Favorable Clinical Outcomes After Humeral Head Depressor Muscle Coactivation Training With EMG for Patients With Arthroscopic Rotator Cuff Repair: A Randomized Controlled Trial	2024	irrelevant comparison: exercise program + humeral head coactivation vs. exercise program
Kararti, C.; Ozyurt, F.; Kodak, M. I.; Cagdas, H.; Ozsoy, G.; Ozsoy, I.; Tayfur, A.	Pain neuroscience education following arthroscopic rotator cuff repair for patients with rotator cuff tears: a double blind randomized controlled clinical trial	2024	irrelevant comparison: PNE vs. no PNE; both groups received same supervised PT
Karasuyama, M.; Gotoh, M.; Kawakami, J.; Harada, N.; Nakamura, H.; Ohzono, H.; Shiba, N.	Clinical outcomes in patients with retear after arthroscopic rotator cuff repair: A meta-analysis	2022	systematic review
Karasuyama, M.; Gotoh, M.; Oike, T.; Nishie, K.; Shibuya, M.; Nakamura, H.; Ohzono, H.; Kawakami, J.	Does physiotherapy after rotator cuff repair require supervision by a physical therapist?: a meta-analysis	2023	Systematic Review; Bib Review Completed
Karasuyama, M.; Gotoh, M.; Tahara, K.; Kawakami, J.; Madokoro, K.; Nagamatsu, T.; Imai, T.; Harada, N.; Kudo, Y.; Shiba, N.	Clinical results of conservative management in patients with full-thickness rotator cuff tear: a meta-analysis	2020	systematic review, bib review complete

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Karasuyama, M.; Oike, T.; Okamatsu, S.; Kawakami, J.	Shoulder pain in wheelchair basketball athletes: A scoping review	2023	Systematic review; bib review complete
Kareha, S. M.; McClure, P. W.; Fernandez-Fernandez, A.	Reliability and Concurrent Validity of Shoulder Tissue Irritability Classification	2021	irrelevant topic: validity of shoulder tissue irritability classification
Karel, Yhjm; Miranda, A.; Thoomes-de Graaf, M.; Scholten-Peeters, G. G.; Ottenheijm, R. P.; Koes, B. W.; Verhagen, A. P.	Does the outcome of diagnostic ultrasound influence the treatment modalities and recovery in patients with shoulder pain in physiotherapy practice? Results from a prospective cohort study	2019	Non-surgical population and not relevant to PICO 3 or 6
Karelse, A.; Van Tongel, A.; Gosens, T.; De Boey, S.; De Wilde, L. F.; Pouliart, N.	Limited value of current shoulder arthroplasty registries in evidence-based shoulder surgery: a review of 7 national registries	2021	Systematic review
Karjalainen, T. V.; Jain, N. B.; Heikkinen, J.; Johnston, R. V.; Page, C. M.; Buchbinder, R.	Surgery for rotator cuff tears	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Karjalainen, T. V.; Jain, N. B.; Page, C. M.; Lahdeoja, T. A.; Johnston, R. V.; Salamh, P.; Kavaja, L.; Ardern, C. L.; Agarwal, A.; Vandvik, P. O.; Buchbinder, R.	Subacromial decompression surgery for rotator cuff disease	2019	Systematic Review; Bib Review Completed
Karuppaiah, K.; Sinha, J.	Scaffolds in the management of massive rotator cuff tears: current concepts and literature review	2019	Systematic Review
Kashanchi, K. I.; Nazemi, A. K.; Komatsu, D. E.; Wang, E. D.	Level of obesity is directly associated with complications following arthroscopic rotator cuff repair	2021	tear type not specified
Kassam, F.; Lim, B.; Afroz, S.; Boissonnault, E.; Reebye, R.; Finlayson, H.; Winston, P.	Canadian Physicians' Use of Intramuscular Botulinum Toxin Injections for Shoulder Spasticity: A National Cross-Sectional Survey	2023	irrelevant topic; physician survey of injection utilization
Katsuura, Y.; Bruce, J.; Taylor, S.; Gullota, L.; Kim, H. J.	Overlapping, Masquerading, and Causative Cervical Spine and Shoulder Pathology: A Systematic Review	2020	systematic review
Katthagen, J. C.; Bucci, G.; Moatshe, G.; Tahal, D. S.; Millett, P. J.	Improved outcomes with arthroscopic repair of partial-thickness rotator cuff tears: a systematic review	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Kawakami, J.; Gotoh, M.; Matsuura, K.; Shin, K.; Fujito, I.; Tanaka, A.; Matsunaga, S.; Imai, T.; Nagamatsu, T.; Karasuyama, M.; Ohta, T.; Madokoro, K.; Shiba, N.	Usefulness of Shoulder36 in rotator cuff tears: Comparison with Simple Shoulder Test	2019	irrelevant topic: association between SST and Sh36

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Kawamata, J.; Suenaga, N.; Oizumi, N.	Relationship between hematoma-like tissue on the footprint and structural outcome of arthroscopic rotator cuff repair with a transosseous technique	2023	irrelevant comparison by sugaya type; less than 10 patients per group
Kawamata, J.; Suenaga, N.; Oizumi, N.; Hisada, Y.	Morphology of the coracoid process as a predictor of articular-side tear at the upper border of the subscapularis	2022	Not a randomized controlled trial; PICO 2 is RCT only update; irrelevant risk factors (morphological parameters)
Kawamata, J.; Suenaga, N.; Oizumi, N.; Yoshioka, C.; Miyoshi, N.; Goya, I.	Glenoid wear and its impact on clinical results after humeral head replacement using a single prosthesis in cuff tear arthropathy with more than 8 years of follow-up	2022	irrelevant comparison by glenoid wear; arthropathy inclusion makes irrelevant to PICO 8
Kaye, A. D.; Plaisance, T. R.; Smith, S. A.; Ragland, A. R.; Alfred, M. J.; Nguyen, C. G.; Chami, A. A.; Kataria, S.; Dufrene, K.; Shekoohi, S.; Robinson, C. L.	Peripheral Nerve Stimulation in Postoperative Analgesia: A Narrative Review	2024	Narrative Review
Kazley, J. M.; Cole, K. P.; Desai, K. J.; Zonshayn, S.; Morse, A. S.; Banerjee, S.	Prostheses for reverse total shoulder arthroplasty	2019	systematic review
Kazum, E.; Martinez-Catalan, N.; Caruso, G.; Schofield, B. A.; Nidtahar, I.; Zampeli, F.; Valenti, P.	Reverse shoulder arthroplasty with isolated latissimus dorsi or combined with teres major transfer for lack of external rotation: a comparative study	2022	Irrelevant Comparison: Teres Major Transfer vs. Control
Kee, D.	Characteristics of Work-Related Musculoskeletal Disorders in Korea	2023	Irrelevant Topic: Trends of Work-Related Musculoskeletal Disorders
Keeling, L. E.; Looney, A. M.; Curley, A. J.; Ehlers, C. B.; Galel, A. M.; Khalafallah, Y. M.; Vippra, T. K.; Bryant, B. J.; Chang, E. S.	Early Versus Delayed Active Range of Motion After Open Subpectoral Biceps Tenodesis	2021	indications for repair included proximal biceps tendon tear, biceps ten-dinosis, tendinitis or tenosynovitis, and SLAP tear; tears not stratified
Keener, J. D.; Aleem, A. W.; Chamberlain, A. M.; Sefko, J.; Steger-May, K.	Factors associated with choice for surgery in newly symptomatic degenerative rotator cuff tears: a prospective cohort evaluation	2020	No relevant outcomes
Keener, J. D.; Galatz, L. M.; Stobbs-Cucchi, G.; Patton, R.; Yamaguchi, K.	Rehabilitation following arthroscopic rotator cuff repair : A prospective randomized trial of immobilization compared with early motion	2014	Duplicate AAOS ID to 15167 (which was already included)
Kelly, B. C.; Constantinescu, D. S.; Vap, A. R.	Arthroscopic and Open or Mini-Open Rotator Cuff Repair Trends and Complication Rates Among American Board of Orthopaedic Surgeons Part II Examinees (2007-2017)	2019	Tear type was unspecified

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Kenmoku, T.; Matsuki, K.; Ochiai, N.; Sonoda, M.; Ishida, T.; Sasaki, S.; Tanaka, Y.; Nakawaki, M.; Nagura, N.; Tazawa, R.; Sasaki, Y.; Banks, S. A.; Takaso, M.	Comparison of glenohumeral joint rotation between asymptomatic subjects and patients with subacromial impingement syndrome using cine-magnetic resonance imaging: a cross-sectional study	2019	irrelevant comparison: healthy volunteers
Kennedy, J.; Klifto, C. S.; Ledbetter, L.; Bullock, G. S.	Reverse total shoulder arthroplasty clinical and patient-reported outcomes and complications stratified by preoperative diagnosis: a systematic review	2021	systematic review
Kennedy, M. I.; Murphy, C.; Dornan, G. J.; Moatshe, G.; Chahla, J.; LaPrade, R. F.; Provencher, M. T.	Variability of Reporting Recurrence After Arthroscopic Bankart Repair: A Call for a Standardized Study Design	2019	Systematic Review of Irrelevant Topic
Kennedy, P.; Joshi, R.; Dhawan, A.	The Effect of Psychosocial Factors on Outcomes in Patients With Rotator Cuff Tears: A Systematic Review	2019	systematic review
Kenny, M.; Ranabahu, T.; Vallance, P.; Zhang, Y.; Gurr, J.; Färnqvist, K.; Rathi, S.; Cridland, K.; Munteanu, S. E.; Malliaras, P.	Exercise adherence in trials of therapeutic exercise interventions for common musculoskeletal conditions: A scoping review	2023	systematic review
Keong, M. W.; Tjoen, D. L. T.	Does bicep pathology affect rotator cuff repair outcomes?	2018	Not a randomized controlled trial; PICO 2 is RCT only update;
Kerhoulas, Z.; Ojaghi, R.; Hayes, E.; Khoury, J.; Pollock, J.	What are the common factors that lead to the failure to achieve minimal clinically important difference after shoulder surgery? A scoping review	2024	Scoping Review
Kesikburun, S.; Tan, A. K.; Yilmaz, B.; Yasar, E.; Yazicioglu, K.	Platelet-rich plasma injections in the treatment of chronic rotator cuff tendinopathy: a randomized controlled trial with 1-year follow-up	2013	same as AAOS ID 6334
Key, S.; Demir, S.; Gurger, M.; Yilmaz, E.; Barua, P. D.; Dogan, S.; Tuncer, T.; Arunkumar, N.; Tan, R. S.; Acharya, U. R.	ViVGG19: Novel exemplar deep feature extraction-based shoulder rotator cuff tear and biceps tendinosis detection using magnetic resonance images	2022	irrelevant topic: diagnosis w/ exemplar deep feature extraction model
Khaddabadi, N. A.; Saeed, U. B.; Khan, S.; Shah, D.; Parekh, K.; Shah, M.	Empty Bursa SIGN: Significance in arthroscopic sub acromial decompression - an audit of consecutive patients 2003 to 2020	2021	Irrelevant Topic: Shoulder Impingement Syndrome
Khairy, Y.; Nasr, M.; Ali, F.; Ali, R.; Abdelhakeem, M.; Khalil, A.	Role of platelet rich plasma in treatment of rotator cuff tendinopathy and partial thickness tear: follow Up by ultrasound	2019	Abstract Only
Khan, A. M.; Assiotis, A.; Ibrahim, M. S.; Sankey, A. R.	Shoulder examination: a systematic approach	2021	systematic review

Authors	Article Title	Year	Reason for Exclusion
Khan, A. Z.; Vaughan, A. K.; Aman, Z. S.; Lazarus, M. D.; Williams, G. R.; Namdari, S.	Reaching Minimal Clinically Important Difference, Substantial Clinical Benefit, and Patient-Acceptable Symptomatic State for Patient-Reported Outcome Measures following Arthroscopic Rotator Cuff Repair Does Not Correlate with Patient Satisfaction	2024	no comparison group
Khan, A. Z.; Vaughan, A.; Mandava, N. K.; Wickes, C.; Ramsey, M. L.; Namdari, S.	Elevated HgA1c is Not Associated with Reoperation following Arthroscopic Rotator Cuff Repair in Patients with Diabetes Mellitus	2023	tear type not specified
Khan, I.; Fatima, M.; Scholes, C.; Kandhari, V.; Ponnanna, K. M.; Herald, J.	Factors affecting first return to work following arthroscopic rotator cuff repair: A retrospective observational study in an occupational medicine clinic and single-surgeon practice	2021	Irrelevant Population and Outcomes (see extended note)
Khan, M.; Alolabi, B.; Horner, N.; Bedi, A.; Ayeni, O. R.; Bhandari, M.	Surgery for shoulder impingement: a systematic review and meta-analysis of controlled clinical trials	2019	Systematic Review; Bib Review Completed
Khan, M.; Shanmugaraj, A.; Prada, C.; Patel, A.; Babins, E.; Bhandari, M.	The Role of Hyaluronic Acid for Soft Tissue Indications: A Systematic Review and Meta-Analysis	2023	systematic review
Khanna, R.; Saltzman, M. D.; Elliott, J. M.; Hoggarth, M. A.; Marra, G. M.; Omar, I.; Parrish, T.; Seitz, A. L.	Development of 3D method to assess intramuscular spatial distribution of fat infiltration in patients with rotator cuff tear: reliability and concurrent validity	2019	irrelevant topic: 3D assessment of intramuscular spatial distribution of fat; no relevant outcomes
Khanna, S.; Joshi, J.; Sud, S.; Prasad, K. G. V.	COMPARISON OF TWO DIFFERENT VOLUMES OF FIXED CONCENTRATION OF ROPIVACAINE IN USG GUIDED INTERSCALENE BLOCK FOR ARTHROSCOPIC SHOULDER SURGERIES	2022	irrelevant comparison: 15 mL of 0.75% ropivacaine vs. 10 mL of 0.75% ropivacaine
Khatri, C.; Ahmed, I.; Parsons, H.; Smith, N. A.; Lawrence, T. M.; Modi, C. S.; Drew, S. J.; Bhabra, G.; Parsons, N. R.; Underwood, M.; Metcalfe, A. J.	The Natural History of Full-Thickness Rotator Cuff Tears in Randomized Controlled Trials: A Systematic Review and Meta-analysis	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Khazi, Z. M.; Lu, Y.; Cregar, W.; Shamrock, A. G.; Gulbrandsen, T. R.; Mascarenhas, R.; Forsythe, B.	Inpatient Arthroscopic Rotator Cuff Repair Is Associated With Higher Postoperative Complications Compared With Same-Day Discharge: A Matched Cohort Analysis	2021	irrelevant comparison: inpatient vs. outpatient RCR; inadequate follow-up time
Khazzam, M. S.; Mulligan, E. P.; Brunette-Christiansen, M.; Shirley, Z.	Sleep Quality in Patients With Rotator Cuff Disease	2018	Irrelevant Topic: Rotator Cuff Disease Impacting Sleep
Khazzam, M.; Sager, B.; Box, H. N.; Wallace, S. B.	The effect of age on risk of retear after rotator cuff repair: a systematic review and meta-analysis	2020	systematic review
Kholinne, E.; Junkyun, J.; Kwak, J. M.; Sun, Y.; Koh, K. H.; Jeon, I. H.	Serial magnetic resonance imaging evaluation of the early reaction of all-suture anchors in arthroscopic rotator cuff repair	2022	no comparison group

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Kholinne, E.; Kwak, J. M.; Kim, H.; Koh, K. H.; Jeon, I. H.	Arthroscopic Superior Capsular Reconstruction With Mesh Augmentation for the Treatment of Irreparable Rotator Cuff Tears: A Comparative Study of Surgical Outcomes	2020	Mixed population of arthropathy and no arthropathy
Kholinne, E.; Singjie, L. C.; Marsetio, A. F.; Kwak, J. M.; Jeon, I. H.	Return to physical activities after arthroscopic rotator cuff repair: a systematic review and meta-analysis	2023	systematic review
Khoschnau, S.; Milosavjevic, J.; Sahlstedt, B.; Rylance, R.; Rahme, H.; Kadum, B.	High prevalence of rotator cuff tears in a population who never sought for shoulder problems: a clinical, ultrasonographic and radiographic screening study	2020	No relevant outcomes
Ki, S. Y.; Lee, Y. S.; Kim, J. Y.; Lho, T.; Chung, S. W.	Relationship between fatty infiltration and gene expression in patients with medium rotator cuff tear	2021	No Relevant Outcomes: Histological Analysis
Kibler, W. B.; Sciascia, A.	New Paradigms in the Throwing Shoulder: Labral Injury, Surgery, and Rehabilitation	2019	systematic review
Kida, H.; Urita, A.; Momma, D.; Matsui, Y.; Endo, T.; Kawamura, D.; Taneichi, H.; Iwasaki, N.	Implications of navigation system use for glenoid component placement in reverse shoulder arthroplasty	2022	no relevant outcomes (all intraoperative)
Kiel, J.; Applewhite, A. I.; Bertasi, T. G. O.; Bertasi, R. A. O.; Seemann, L. L.; Costa, L. M. C.; Helmi, H.; Pujalte, G. G. A.	Ketorolac Injections for Musculoskeletal Conditions: A Narrative Review	2024	narrative review
Kijowski, R.; Thurlow, P.; Blankenbaker, D.; Liu, F.; McGuine, T.; Li, G.; Tuite, M.	Preoperative MRI Shoulder Findings Associated with Clinical Outcome 1 Year after Rotator Cuff Repair	2019	No Relevant Risk Factors; No comparison group
Kilbasanli, S.; Kacmaz, M.	General anesthesia versus combined interscalene nerve/superficial cervical plexus block in arthroscopic rotator cuff repair: A randomized prospective control trial	2023	Irrelevant Comparison: Interscalene Block vs. General Anesthesia
Kilic, A. I.; Zuk, N. A.; Ardebol, J.; Pak, T.; Menendez, M. E.; Denard, P. J.	Determining minimal clinically important difference and patient-acceptable symptom state after arthroscopic isolated subscapularis repair	2024	Mixed Population w/o Stratification: 44% Lafosse classification type 1 (partial tears)
Kilic, E.; Bingol, O.; Ozdemir, G.; Halit Keskin, O.; Deveci, A.	The effect of reduced acromiohumeral distance and increased acromial thickness on the risk of rotator cuff tear	2023	irrelevant comparison group: healthy controls; no relevant outcomes
Kilinc, O.; Ertem, K.; Ergen, E.; Aslanturk, O.	What are the Factors that Impact the Outcomes of Arthroscopic Rotator Cuff Repair?	2024	Mixed Population w/o Stratification: partial and full-thickness tears
Kim, B. K.; Lee, H. J.; Jung, S. H.; Dan, J.	Flexion-extension-supination test compared to arthroscopic findings of biceps long head pathology: A physical examination that reflect anatomical evolution of human shoulder girdle	2022	irrelevant topic: diagnosis of LHBT lesions

Authors	Article Title	Year	Reason for Exclusion
Kim, C.; Lee, Y. J.; Kim, S. J.; Yoon, T. H.; Chun, Y. M.	Bone Marrow Stimulation in Arthroscopic Repair for Large to Massive Rotator Cuff Tears With Incomplete Footprint Coverage	2020	irrelevant population; patients with grade 2 or higher shoulder arthritis included in study
Kim, C.; Lee, Y. J.; Kim, S. J.; Yoon, T. H.; Kim, D.; Chun, Y. M.	Subscapularis re-tears associated with preoperative advanced fatty infiltration and greater subscapularis involvement, leading to inferior functional outcomes and decreased acromiohumeral distance	2021	No Relevant Risk Factors; Irrelevant Comparison (see extended note)
Kim, D. H.	Outcome Measurement in Shoulder Diseases: Focus on Shoulder Pain and Disability Index (SPADI)	2023	Editorial; Not a Human Subject Study
Kim, D. H.; Bae, K. C.; Choi, J. H.; Na, S. S.; Hwang, I.; Cho, C. H.	Chronicity is associated with the glenohumeral synovitis in patients with a rotator cuff tear	2021	irrelevant topic: synovitis and associated clinical factors
Kim, D. H.; Min, S. G.; Lee, H. S.; Lee, H. J.; Park, K. H.; Chung, S. W.; Dehdashtian, A.; Yoon, J. P.	Clinical outcome of rotator cuff repair in patients with mild to moderate glenohumeral osteoarthritis	2021	Irrelevant population/comparison: RCT with OA vs. RCT without OA
Kim, D. M.; Jeon, I. H.; Yang, H. S.; Shin, M. J.; Park, J. H.; Kholinne, E.; Kim, H.; Park, D.; Koh, K. H.	Poor Prognostic Factors in Patients With Rotator Cuff Retear	2021	irrelevant topic: risk factors for outcomes following retear
Kim, D. M.; Kim, T. H.; Kholinne, E.; Park, J. H.; Shin, M. J.; Kim, H.; Park, D.; Jeon, I. H.; Koh, K. H.	Minimal Clinically Important Difference, Substantial Clinical Benefit, and Patient Acceptable Symptomatic State After Arthroscopic Rotator Cuff Repair	2020	no comparison group; mixed population w/o stratification;
Kim, D. M.; Shin, M. J.; Kim, H.; Park, D.; Jeon, I. H.; Kholinne, E.; Koh, K. H.	Comparison Between Autografts and Allografts in Superior Capsular Reconstruction: A Systematic Review of Outcomes	2020	systematic review, bib review complete
Kim, D.; Um, J.; Lee, J.; Kim, J.	Improved Clinical and Radiologic Outcomes Seen after Superior Capsule Reconstruction using Long Head Biceps Tendon Autograft	2021	no comparison group
Kim, E. Y.; Park, B. Y.; Kim, I. B.	Preoperative Korean Shoulder Scoring System Correlates with Preoperative Factors of Rotator Cuff Tears	2018	irrelevant topic: risk factors for preop KSS
Kim, E.; Table, B.; Ring, D.; Fatehi, A.; Crijns, T. J.	Linguistic tones in MRI reports correlate with severity of pathology for rotator cuff tendinopathy	2023	irrelevant topic: linguistic tones correlated with severity of RC tendinopathy
Kim, G.; Kim, S.; Lee, Y.; Jang, I.; Kim, J. H.	Prognostic Factors Leading to Good or Poor Outcomes Based on Functional and Radiological Findings After a Rotator Cuff Retear	2022	No relevant risk factors
Kim, H. G.; Kim, S. C.; Park, J. H.; Kim, J. S.; Kim, B. T.; Kim, D. Y.; Lee, S. M.; Yoo, J. C.	Diagnostic Performance of Belly-Press Angle in Predicting the Severity of Subscapularis Tear	2023	no risk factors of interest

Authors	Article Title	Year	Reason for Exclusion
Kim, H. G.; Kim, S. C.; Park, J. H.; Kim, J. S.; Kim, D. Y.; Lee, S. M.; Yoo, J. C.	Clinical and Structural Outcomes of Arthroscopic Rotator Cuff Repair in Patients Over 75 Years Are Comparable to Those in Younger Patients: A Propensity Score-Matched Comparative Study	2024	irrelevant population: included patients with OA
Kim, H. G.; Kim, S. H.; Kim, S. C.; Park, J. H.; Kim, J. S.; Kim, B. T.; Lee, S. M.; Yoo, J. C.	Return to Sports Activity After Reverse Total Shoulder Arthroplasty	2023	no comparison intervention; no risk factors assessed; mixed population w/o stratification
Kim, H. J.; Kwon, T. Y.; Jeon, Y. S.; Kang, S. G.; Rhee, Y. G.; Rhee, S. M.	Neurologic deficit after reverse total shoulder arthroplasty: correlation with distalization	2020	irrelevant population for PICO 8: arthropathy; no relevant comparison
Kim, H. M.; Caldwell, J. M.; Buza, J. A.; Fink, L. A.; Ahmad, C. S.; Bigliani, L. U.; Levine, W. N.	Factors affecting satisfaction and shoulder function in patients with a recurrent rotator cuff tear	2014	included in previous guideline's final meeting, but irrelevant to PICO sheet.
Kim, H. M.; Dahiya, N.; Teefey, S. A.; Keener, J. D.; Galatz, L. M.; Yamaguchi, K.	Relationship of tear size and location to fatty degeneration of the rotator cuff	2010	irrelevant topic: relationship of tear size to fatty degeneration
Kim, H. S.; Joo, S. H.; Lim, H. S.; Kim, H. W.	Feasibility of the acromion index as a reference of severity of stratified supraspinatus tendon injury: a secondary analysis	2020	irrelevant topic: acromion index as a reference of severity; no relevant outcomes
Kim, H.; Kim, C. H.; Kim, M.; Lee, W.; Jeon, I. H.; Lee, K. W.; Koh, K. H.	Is reverse total shoulder arthroplasty (rTSA) more advantageous than anatomic TSA (aTSA) for osteoarthritis with intact cuff tendon? A systematic review and meta-analysis	2022	Irrelevant systematic review: TSA for OA with intact cuff tendons
Kim, H.; Kim, D. M.; Kholinne, E.; Park, J. H.; Lee, E. S.; Alzahrani, W. M.; Jeon, I. H.; Koh, K. H.	Retear bigger than preoperative tear size would lead to treatment failure after rotator cuff repair	2022	No relevant risk factors; No comparison group
Kim, H.; Kim, H. J.; Lee, E. S.; Lee, S.; Park, J. H.; Kim, H.; Jeon, I. H.; Koh, W. U.; Koh, K. H.	Postoperative Pain Control After Arthroscopic Rotator Cuff Repair: Arthroscopy-Guided Continuous Suprascapular Nerve Block Versus Ultrasound-Guided Continuous Interscalene Block	2021	non randomized study (prospective cohort study); irrelevant comparison
Kim, H.; Lee, S.	Postoperative Rehabilitation Protocol Following Arthroscopic Rotator Cuff Repair: A Prospective Single-Arm Pragmatic Interventional Study	2022	No comparison group
Kim, H.; Ma, S. B.; Lee, K. W.; Koh, K. H.	Which lateralization designed prosthesis of reverse total shoulder arthroplasty (glenoid-based lateralization vs humerus-based lateralization) would be better? Network Meta-analysis	2022	systematic review
Kim, H.; Park, H. J.; Lee, S. Y.; Kim, J. N.; Moon, J.; Kim, M. S.; Kim, E.	Ultrasound evaluation of postsurgical shoulder after rotator cuff repair: comparison of clinical results	2021	irrelevant topic: correlation of subdeltoid fluid collection and clinical outcomes

Authors	Article Title	Year	Reason for Exclusion
Kim, H.; Shin, K.; Kim, H.; Lee, E. S.; Chung, S. W.; Koh, K. H.; Kim, N.	Can deep learning reduce the time and effort required for manual segmentation in 3D reconstruction of MRI in rotator cuff tears?	2022	Irrelevant Topic: Deep Learning for Diagnosis
Kim, I. B.; Jung, D. W.; Suh, K. T.	Prediction of the Irreparability of Rotator Cuff Tears	2018	no relevant outcomes: irreparability; excluded from 2017 guideline
Kim, J. H.; Do, W. S.; Lim, J. R.; Yoon, T. H.; Chun, Y. M.	Subscapularis tendon tears hidden by the medial biceps sling can be missed on arthroscopic examination	2023	irrelevant comparison: hidden lesion vs. non-hidden lesion; no relevant outcomes
Kim, J. H.; Ha, D. H.; Kim, S. M.; Kim, K. W.; Han, S. Y.; Kim, Y. S.	Does arthroscopic preemptive extensive rotator interval release reduce postoperative stiffness after arthroscopic rotator cuff repair?: a prospective randomized clinical trial	2019	irrelevant comparison: extensive rotator interval release during ARCR vs. ARCR alone
Kim, J. H.; Kim, D. J.; Lee, H. J.; Kim, B. K.; Kim, Y. S.	Atelocollagen Injection Improves Tendon Integrity in Partial-Thickness Rotator Cuff Tears: A Prospective Comparative Study	2020	irrelevant comparison: low vs. high volumen atelocollagen
Kim, J. H.; Kim, Y. S.; Park, I.; Lee, H. J.; Han, S. Y.; Jung, S.; Shin, S. J.	A Comparison of Open-Construct PEEK Suture Anchor and Non-Vented Biocomposite Suture Anchor in Arthroscopic Rotator Cuff Repair: A Prospective Randomized Clinical Trial	2020	includes partial thickness tears- does not stratify results
Kim, J. H.; Koh, H. J.; Kim, D. K.; Lee, H. J.; Kwon, K. H.; Lee, K. Y.; Kim, Y. S.	Interscalene brachial plexus bolus block versus patient-controlled interscalene indwelling catheter analgesia for the first 48 hours after arthroscopic rotator cuff repair	2018	Irrelevant Comparison: Postop Pain Management vs. No Postop Pain Management
Kim, J. H.; Kwon, O. Y.; Hwang, U. J.; Jung, S. H.; Ahn, S. H.; Kim, H. A.	Comparison of the Shoulder External Rotator Strength and Asymmetry Ratio Between Workers With and Without Shoulder Impingement Syndrome	2021	irrelevant comparison group: healthy patients
Kim, J. K.; Jeong, H. J.; Shin, S. J.; Yoo, J. C.; Rhie, T. Y.; Park, K. J.; Oh, J. H.	Rapid Progressive Osteonecrosis of the Humeral Head After Arthroscopic Rotator Cuff Surgery	2018	Small Sample Size: 8 total patients
Kim, J. S.; Kim, S. H.; Kim, S. C.; Park, J. H.; Kim, H. G.; Lee, S. M.; Yoo, J. C.	Effect of using a small baseplate on the radiological and clinical outcomes of reverse total shoulder arthroplasty in Asian patients	2023	Mixed Population w/o Stratification: irreparable RC tear, cuff tear arthropathy, or osteoarthritis
Kim, J. Y.; Kang, M. W.; Lee, H. W.; Noh, K. C.	Suprascapular Nerve Block Is an Effective Pain Control Method in Patients Undergoing Arthroscopic Rotator Cuff Repair: A Randomized Controlled Trial	2021	Irrelevant Comparison: Indwelling SSNB (Ropivacaine/Lidocaine) vs. Single Shot ISB (Lidocaine/Levobupivacaine) vs. Control (Saline)
Kim, J. Y.; Rhee, S. M.; Rhee, Y. G.	Accuracy of MRI in diagnosing intra-articular pathology of the long head of the biceps tendon: results with a large cohort of patients	2019	irrelevant topic: diagnosis of LHBT
Kim, J. Y.; Rhee, Y. G.	The prevalence and morphometric analysis of ossified superior transverse scapular ligaments in patients with rotator cuff tears	2018	Mixed Population w/o Stratification: primary Rotator cuff repair or revision shoulder

Authors	Article Title	Year	Reason for Exclusion
			procedures and no relevant outcomes
Kim, J. Y.; Rhee, Y. G.; Rhee, S. M.	Clinical Outcomes after Reverse Total Shoulder Arthroplasty According to Primary Diagnosis	2020	irrelevant population; cuff tear arthropathy only 45%- no comparison surgical technique
Kim, J. Y.; Song, K. S.; Kim, W. J.; Park, Y. H.; Kang, H.; Woo, Y. C.; Shin, H. Y.	Analgesic efficacy of two interscalene blocks and one cervical epidural block in arthroscopic rotator cuff repair	2016	Irrelevant Comparison: Ultrasound guided continuous interscalene brachial plexus block (UCISB20-0.2%) vs. fluoroscopy guided targeted continuous cervical epidural block (FCCEB) vs. UCISB75 (0.75%). In total, 60mg of 0.75% ropivacaine was administered in UCISB75, 16mg of 0.2% ropivacaine in ICUSB20 and FCCEB as the initial dose, respectively.
Kim, J. Y.; Zhong, Z.; Lee, H. W.; Lee, G. W.; Noh, K. C.	Quantitative Magnetic Resonance Imaging measurement of muscle atrophy and fatty degeneration after arthroscopic rotator cuff repair	2022	no comparison group
Kim, J.; Chung, J.; Ok, H.	Asymptomatic acromioclavicular joint arthritis in arthroscopic rotator cuff tendon repair: a prospective randomized comparison study	2011	irrelevant comparison: RCR w/ distal clavicle resection vs. RCR
Kim, J.; Kim, Y.; Jung, W.; Nam, J. H.; Kim, S. H.	Effects of a Thermosensitive Antiadhesive Agent on Single-Row Arthroscopic Rotator Cuff Repair	2020	Irrelevant Comparison: Anti Adhesive Agent vs. Control
Kim, J.; Nam, J. H.; Kim, Y.; Kim, J. S.; Kim, S. H.	Long Head of the Biceps Tendon Tenotomy versus Subpectoral Tenodesis in Rotator Cuff Repair	2020	irrelevant comparison; tenotomy vs. tenodesis for reparable RC tears
Kim, K. C.; Lee, W. Y.; Shin, H. D.; Han, S. C.	Incomplete articular-side repair increase re-tear rate in full-thickness rotator cuff tears	2018	Irrelevant Comparison: Complete vs. Incomplete Repair (Footprint Coverage)
Kim, K. S.; Ahn, J. H.; Yoon, J. H.; Ji, H. T.; Kim, I. S.	Hemidiaphragmatic Paresis Following Interscalene Brachial Plexus Block With 2-Point Injection Technique	2021	irrelevant comparison: 10 ml 0.5% ropivacaine vs. 15ml 0.5% ropivacaine
Kim, K. T.; Kim, G. H.; Cha, D. H.; Lee, J. H.; Lee, Y. B.	A Comparison of Clinical Outcomes in Rotator Cuff Re-Tear Patients Who Had Either an Arthroscopic Primary Repair or Arthroscopic Patch Augmentation for Large-to-Massive Rotator Cuff Tears	2023	Inadequate follow-up time; no adverse events reporting
Kim, M. S.; Hasan, L. K.; Fathi, A.; Hasan, S. K.; Haratian, A.; Bolia, I. K.; Petrigliano, F. A.; Weber, A. E.; Gamradt, S. C.; Liu, J. N.	Evaluation of spin in systematic reviews and meta-analyses of superior capsular reconstruction	2022	systematic review

Authors	Article Title	Year	Reason for Exclusion
Kim, M. S.; Jeong, H. Y.; Kim, J. D.; Ro, K. H.; Rhee, S. M.; Rhee, Y. G.	Difficulty in performing activities of daily living associated with internal rotation after reverse total shoulder arthroplasty	2020	No comparison group
Kim, M. S.; Rhee, S. M.; Cho, N. S.	Perianchor cyst formation in all-suture anchor after rotator cuff repair: an evaluation of anchor insertion angle	2022	irrelevant comparison by anchor insertion angle
Kim, M. S.; Rhee, S. M.; Jeon, H. J.; Rhee, Y. G.	Anteroposterior and Lateral Coverage of the Acromion: Prediction of the Rotator Cuff Tear and Tear Size	2022	irrelevant topic: correlation of acromial coverage to RC tear size
Kim, S. C.; Kim, I. S.; Shin, S. S.; Hong, S. W.; Lee, S. H.; Yoo, J. C.	Clinical and structural outcome of intra-articular steroid injection for early stiffness after arthroscopic rotator cuff repair	2022	Not a randomized controlled trial; irrelevant topic: postop steroid injection for stiffness
Kim, S. C.; Lee, J. E.; Lee, S. M.; Yoo, J. C.	Factors affecting internal rotation after reverse shoulder arthroplasty	2022	no comparison group; irrelevant population for PICO 8
Kim, S. H.; Yang, S. H.; Rhee, S. M.; Lee, K. J.; Kim, H. S.; Oh, J. H.	The formation of perianchor fluid associated with various suture anchors used in rotator cuff repair: all-suture, polyetheretherketone, and biocomposite anchors	2019	different material anchors in same shoulder
Kim, S. J.; Choi, Y. S.; Chun, Y. M.; Kim, H. J.; Han, C.; Shin, S.	Perioperative Intravenous Lidocaine Infusion on Postoperative Recovery in Patients Undergoing Arthroscopic Rotator Cuff Repair Under General Anesthesia: A Randomized Controlled Trial	2021	irrelevant comparison: lidocaine vs. saline
Kim, S.; Hwang, J.; Kim, M. J.; Lim, J. Y.; Lee, W. H.; Choi, J. E.	Systematic Review with Network Meta-Analysis of Randomized Controlled Trials of Rotator Cuff Tear Treatment	2018	systematic review
Kim, T. Y.; Hwang, J. T.	Regional nerve blocks for relieving postoperative pain in arthroscopic rotator cuff repair	2022	Systematic Review
Kim, Y. H.; Cho, H. Y.; Kim, S. H.	Short-Term Effects of Centralization of the Glenohumeral Joint and Dynamic Humeral Centering on Shoulder Pain, Disability, and Grip Strength in Patients with Secondary Subacromial Impingement Syndrome	2023	Non-surgical population and not relevant to PICO 3 or 6
Kim, Y. J.; Kwon, O.; Lee, H. R.; Kim, S. H.	Distal Pullout Strengths of the Biceps Long Head Tendon for Different Adjacent Tissue and Tendon Pathologies during Rotator Cuff Repair	2018	No relevant outcomes
Kim, Y. K.; Jung, K. H.; Choi, K. Y.; Kang, S. W.; Choi, R. J.	Arthroscopic Superior Capsular Reconstruction With Tensor Fascia Lata Allograft for Irreparable Rotator Cuff Tears: Clinical and Radiologic Outcomes for a Minimum 1-Year Follow-Up	2023	no comparison group
Kim, Y. K.; Jung, K. H.; Kim, J. W.; Kim, U. S.; Hwang, D. H.	Factors affecting rotator cuff integrity after arthroscopic repair for medium-sized or larger cuff tears: a retrospective cohort study	2018	identical record to AAOS ID 15070

Authors	Article Title	Year	Reason for Exclusion
Kim, Y. K.; Jung, K. H.; Kwon, H. M.	Comparison of Structural Integrity and Functional Outcome Between Delaminated and Nondelaminated Rotator Cuff Tears After En Masse Arthroscopic Repair: A Retrospective Cohort Study With Propensity Score Matching	2019	irrelevant comparison: delaminated vs. nondelaminated tears
Kim, Y. K.; Moon, S. H.; Cho, S. H.	Treatment outcomes of single- versus double-row repair for larger than medium-sized rotator cuff tears: the effect of preoperative remnant tendon length	2013	irrelevant comparison; preop tendon lengths
Kim, Y. S.; Jin, H. K.; Lee, H. J.; Cho, H. L.; Lee, W. S.; Jang, H. J.	Is It Safe to Inject Corticosteroids Into the Glenohumeral Joint After Arthroscopic Rotator Cuff Repair?	2019	irrelevant intervention; postop corticosteroids vs. normal saline
Kim, Y. S.; Lee, N.	Effects of applied swan pilates motions on upper body muscle activities	2021	irrelevant population: healthy men
Kim, Y. S.; Park, Y.; Koh, H. J.	Is There a Difference between Perineural Dexamethasone with Single-Shot Interscalene Block (SSIB) and Interscalene Indwelling Catheter Analgesia (IICA) for Early Pain after Arthroscopic Rotator Cuff Repair? A Pilot Study	2022	pilot study (not an RCT); irrelevant comparison: Interscalene Block (SSIB) vs. Interscalene Indwelling Catheter Analgesia (IICA)
Kim, Y. T.; Kim, T. Y.; Lee, J. B.; Hwang, J. T.	Glenohumeral versus subacromial steroid injections for impingement syndrome with mild stiffness: a randomized controlled trial	2023	irrelevant comparison; injection site glenohumeral vs. subacromial- same corticosteroid injection used
Kim, Y. T.; Lee, K. J.; Kim, S. H.	Biceps Rerouting Regardless of a Biceps-Labral Lesion During Rotator Cuff Repair Results in Lower Retear Rates and Comparable Clinical Outcomes to Subpectoral Biceps Tenodesis	2024	irrelevant population: medium to massive tears; comparison not relevant for this populatoin
Kim, Y. Y.; Chung, B. M.; Kim, W. T.; Lee, Y.	MRI Findings Predictive of Shoulder Stiffness in Patients With Full-Thickness Rotator Cuff Tears	2020	irrelevant topic: MRI findings predictive of preop stiffness; no relevant outcomes
Kim, Y.; Bae, H.; Yoo, S.; Park, S. K.; Lim, Y. J.; Sakura, S.; Kim, J. T.	Effect of remifentanil on post-operative analgesic consumption in patients undergoing shoulder arthroplasty after interscalene brachial plexus block: a randomized controlled trial	2022	intraoperative remifentanil vs. no intraoperative analgesic's effect on post-op analgesic consumption
Kim, Y.; Choi, D.; Lee, K. J.; Kang, Y.; Ahn, J. M.; Lee, E.; Lee, J. W.; Kang, H. S.	Ruling out rotator cuff tear in shoulder radiograph series using deep learning: redefining the role of conventional radiograph	2020	Irrelevant Topic: Deep Learning for Diagnosis
Kimball, J. S.; Gowd, A. K.; Waterman, B. R.; Sherman, S. L.; Chahla, J.; Amin, N. H.; Liu, J.	Cement augmentation of suture anchors in the proximal humerus during rotator cuff repair improves pullout strength: a systematic review	2021	systematic review
King, J. J.; Dalton, S. S.; Gulotta, L. V.; Wright, T. W.; Schoch, B. S.	How common are acromial and scapular spine fractures after reverse shoulder arthroplasty?: A systematic review	2019	Systematic Review; All reviewed articles published b4 previous guideline.

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King, J. J.; Hones, K. M.; Wright, T. W.; Roche, C.; Zuckerman, J. D.; Flurin, P. H.; Schoch, B. S.	Does isolated glenosphere lateralization affect outcomes in reverse shoulder arthroplasty?	2023	Mixed Population w/o Stratification: OA, osteonecrosis, massive rotator cuff tear, Rotator cuff arthropathy, rheumatoid arthritis, and post-traumatic arthritis
Kirloskar, K. M.; Szakiel, P. M.; Gruber, M. D.; Werner, B. C.; Denard, P. J.	The influence of preoperative rotator cuff cross-sectional area and strength on postoperative outcomes in reverse shoulder arthroplasty	2022	mixed population: primary GHOA or rotator cuff arthropathy; no comparison group
Kirsch, J. M.; Puzzitiello, R. N.; Swanson, D.; Le, K.; Hart, P. A.; Churchill, R.; Elhassan, B.; Warner, J. J. P.; Jawa, A.	Outcomes After Anatomic and Reverse Shoulder Arthroplasty for the Treatment of Glenohumeral Osteoarthritis: A Propensity Score-Matched Analysis	2022	Irrelevant Population: Osteoarthritis w/ Intact Rotator Cuff
Kirschner, J. S.; Cheng, J.; Hurwitz, N.; Santiago, K.; Lin, E.; Beatty, N.; Kingsbury, D.; Wendel, I.; Milani, C.	Ultrasound-guided percutaneous needle tenotomy (PNT) alone versus PNT plus platelet-rich plasma injection for the treatment of chronic tendinosis: A randomized controlled trial	2021	irrelevant population: n=7 for rotator cuff injury
Kishan, A.; Pearson, Z. C.; Li, S. S.; Pressman, Z.; Ahiarakwe, U.; Pathiravasan, C. H.; Srikumaran, U.	How low can we go? A randomized controlled trial of low-quantity initial opioid prescriptions for shoulder surgery	2024	irrelevant comparison by opioid dosages (7, 15 or 23 pills)
Kitridis, D.; Yiannakopoulos, C.; Sinopidis, C.; Givissis, P.; Galanis, N.	Superior Capsular Reconstruction of the Shoulder Using the Long Head of the Biceps Tendon: A Systematic Review of Surgical Techniques and Clinical Outcomes	2021	systematic review
Kjaer, B. H.; Juul-Kristensen, B.; Warming, S.; Magnusson, S. P.; Krogsgaard, M. R.; Boyle, E.; Henriksen, M.	Associations between shoulder symptoms and concomitant pathology in patients with traumatic supraspinatus tears	2020	irrelevant topic: association between preop symptoms and intraoperative structural pathology
Klein, A.; Jauregui, J. J.; Raff, E.; Henn, R. F.; Hasan, S. A.; Gilotra, M.	Early outcomes and complications of obese patients undergoing shoulder arthroplasty: A meta-analysis	2020	Systematic review; bib review complete
Klein, J. S.; Davis, D. E.; Wells, Z. S.; Kane, L. T.; Sholder, D.; Namdari, S.; Abboud, J. A.	The Distress and Risk Assessment Method predicts postoperative narcotic use in patients undergoing rotator cuff repair	2019	no relevant outcomes: morphine equivalent units
Klein, J. S.; Johnston, P. S.; Sears, B. W.; Patel, M. S.; Hatzidakis, A. M.; Lazarus, M. D.	Osseous changes following reverse total shoulder arthroplasty combined with latissimus dorsi transfer: a case series	2020	Irrelevant Population: No RCT

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Klein, S. M.; Grant, S. A.; Greengrass, R. A.; Nielsen, K. C.; Speer, K. P.; White, W.; Warner, D. S.; Steele, S. M.	Interscalene brachial plexus block with a continuous catheter insertion system and a disposable infusion pump	2000	Irrelevant Comparison: Ropivacaine vs placebo
Klintberg, I. H.; Larsson, M. E.	Shall we use cryotherapy in the treatment in surgical procedures, in acute pain or injury, or in long term pain or dysfunction? - A systematic review	2021	systematic review
Klironomos, A. P.; Lam, P. H.; Walton, J. R.; Murrell, G. A. C.	Can handheld dynamometry predict rotator cuff tear size? A study in 2100 consecutive patients	2020	no relevant outcomes - logistic regression used for SE/SP
Kluczynski, M. A.; Kelly, W. H.; Lashomb, W. M.; Bisson, L. J.	A Systematic Review of the Orthopaedic Literature Involving National Football League Players	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Knowles, N. K.; Columbus, M. P.; Wegmann, K.; Ferreira, L. M.; Athwal, G. S.	Revision shoulder arthroplasty: a systematic review and comparison of North American vs. European outcomes and complications	2020	systematic review
Ko, S. H.; Cho, S. D.; Lee, C. C.; Choi, J. K.; Kim, H. W.; Park, S. J.; Bae, M. H.; Cha, J. R.	Comparison of Arthroscopically Guided Suprascapular Nerve Block and Blinded Axillary Nerve Block vs. Blinded Suprascapular Nerve Block in Arthroscopic Rotator Cuff Repair: A Randomized Controlled Trial	2017	Irrelevant Comparison: SSNB w/ Nerve Block vs. Control
Ko, S. H.; Na, S. C.; Kim, M. S.	Risk factors of tear progression in symptomatic small to medium-sized full-thickness rotator cuff tear: relationship between occupation ratio of supraspinatus and work level	2023	Non-surgical population and not relevant to PICO 3 or 6
Ko, S. H.; Park, S. H.; Jang, S. M.; Lee, K. J.; Kim, K. H.; Jeon, Y. D.	Multimodal nerve injection provides noninferior analgesic efficacy compared with interscalene nerve block after arthroscopic rotator cuff repair	2021	irrelevant comparison: interscalene block vs. combined 3-nerve block
Ko, S.; Choi, C.; Kim, S.; Chae, S.; Choi, W.; Kwon, J.	Prevalence and Risk Factors of Neuropathic Pain in Patients with a Rotator Cuff Tear	2018	No follow-up time; risk factors for pre-op neuropathic pain
Kobayashi, K.; Nakagomi, D.; Kobayashi, Y.; Ajima, C.; Hanai, S.; Koyama, K.; Ikeda, K.	Ultrasound of shoulder and knee improves the accuracy of the 2012 EULAR/ACR provisional classification criteria for polymyalgia rheumatica	2022	irrelevant topic; polymyalgia rheumatica
Koch, M.; Schmidt, C.; Kerschbaum, M.; Winkler, T.; Pfeifer, C. G.; Greiner, S.	Reversed shoulder arthroplasty leads to significant histological changes of the deltoid muscle: a prospective intervention trial	2021	no comparison group
Koga, R.; Funakoshi, T.; Yamamoto, Y.; Kusano, H.	Suprascapular nerve block versus interscalene block for analgesia after arthroscopic rotator cuff repair	2020	irrelevant comparison: SNB vs. ISB; no opioids
Koh, H. J.; Joo, J.; Kim, Y. S.; Lee, Y. J.; Yoo, W.; Lee, M. S.; Park, H. J.	Analgesic Effect of Low Dose Nefopam Hydrochloride after Arthroscopic Rotator Cuff Repair: A Randomized Controlled Trial	2019	Irrelevant Comparison: Nefopam vs. Control w/ or w/o interscalene block

Authors	Article Title	Year	Reason for Exclusion
Koh, K. H.; Kang, K. C.; Lim, T. K.; Shon, M. S.; Yoo, J. C.	Prospective randomized clinical trial of single- versus double-row suture anchor repair in 2- to 4-cm rotator cuff tears: clinical and magnetic resonance imaging results	2011	duplicate of AAOS ID 15220
Kohrs, B.; Nolan, J. R.; Greiwe, R. M.	Posterior-approach total shoulder arthroplasty: a case series with a minimum of 2-year outcomes	2021	No comparison group; Irrelevant population: osteoarthritis.
Kokubu, T.; Mifune, Y.; Inui, A.	Clinical Outcomes of Medialized Single-Row Repair with Fascia Lata Graft Augmentation for Large and Massive Rotator Cuff Tears	2023	irrelevant comparison: intact repair vs. retear
Kolade, O.; Patel, K.; Ihejirika, R.; Press, D.; Friedlander, S.; Roberts, T.; Rokito, A. S.; Virk, M. S.	Efficacy of liposomal bupivacaine in shoulder surgery: a systematic review and meta-analysis	2019	Systematic Review; Bib Review Completed
Kolk, A.; Overbeek, C. L.; de Groot, J. H.; Nelissen, Rghh; Nagels, J.	Reliability and discriminative accuracy of 5 measures for craniocaudal humeral position: an assessment on conventional radiographs	2020	Low Quality upon Appraisal - Keeping only Moderates and Highs for PICO 3
Kooistra, B.; Gurnani, N.; Weening, A.; van den Bekerom, M.; van Deurzen, D.	Low level of evidence for all treatment modalities for irreparable posterosuperior rotator cuff tears	2019	systematic review
Kooistra, B.; Gurnani, N.; Weening, A.; van Deurzen, D.; van den Bekerom, M.	Tenotomy or Tenodesis for Tendinopathy of the Long Head of the Biceps Brachii: An Updated Systematic Review and Meta-analysis	2021	systematic review, bib review complete
Koolmees, D. S.; Ramkumar, P. N.; Solsrud, K.; Yedulla, N. R.; Elhage, K. G.; Cross, A. G.; Makhni, E. C.	Time-Driven Activity-Based Costing Accurately Determines Bundle Cost for Rotator Cuff Repair	2022	cost analysis
Kopechek, K. J.; Frantz, T. L.; Everhart, J. S.; Samade, R.; Bishop, J. Y.; Neviasser, A. S.; Cvetanovich, G. L.	Risk factors for postoperative blood transfusion after shoulder arthroplasty	2022	Mixed Population w/o Stratification: OA w/ intact cuff, Rotator cuff arthropathy, fracture, revision arthroplasty, and periprosthetic infection
Koraman, E.; Turkmen, I.; Uygur, E.; Poyanli, O.	A Multisite Injection Is More Effective Than a Single Glenohumeral Injection of Corticosteroid in the Treatment of Primary Frozen Shoulder: a Randomized Controlled Trial	2021	Irrelevant Comparison: multisite vs. single site injection
Korkmaz, N.; Yasar, E.; Demir, Y.; Tezen, O.; Gurcay, E.	Sonographic Predictors in Patients with Hemiplegic Shoulder Pain: A Cross-Sectional Study	2020	no relevant outcomes; risk factors as predictors of sonographic abnormalities
Kornuijt, A.; de Vries, L.; van der Weegen, W.; Hillen, R. J.; Bogie, R.; Stokman, R.; van Kampen, D.	Direct active rehabilitation after reverse total shoulder arthroplasty: an international multicentre prospective cohort safety study with 1-year follow up	2023	No comparison group; Mixed population w/o stratification

Authors	Article Title	Year	Reason for Exclusion
Kosinski, L. R.; Gil, J. A.; Durand, W. M.; DeFroda, S. F.; Owens, B. D.; Daniels, A. H.	30-Day readmission following outpatient rotator cuff repair: an analysis of 18,061 cases	2018	tear type not specified
Kostretzis, L.; Konstantinou, P.; Pinto, I.; Shahin, M.; Ditsios, K.; Papadopoulos, P.	Stemless reverse total shoulder arthroplasty: a systematic review of contemporary literature	2021	systematic review
Kothandaraman, V.; Kunkle, B.; Reid, J.; Oldenburg, K. S.; Johnson, C.; Eichinger, J. K.; Friedman, R. J.	Increased Risk of Perioperative Complications in Dialysis Patients Following Rotator Cuff Repairs and Knee Arthroscopy	2021	Tear type was unspecified
Kovacevic, D.; Suriani, R. J., Jr.; Grawe, B. M.; Yian, E. H.; Gilotra, M. N.; Hasan, S. A.; Srikumaran, U.; Hasan, S. S.; Cuomo, F.; Burks, R. T.; Green, A. G.; Nottage, W. M.; Theja, S.; Kassam, H. F.; Saad, M. A.; Ramirez, M. A.; Stanley, R. J.; Williams, M. D.; Nadarajah, V.; Konja, A. C.; Koh, J. L.; Rokito, A. S.; Jobin, C. M.; Levine, W. N.; Schmidt, C. C.	Management of irreparable massive rotator cuff tears: a systematic review and meta-analysis of patient-reported outcomes, reoperation rates, and treatment response	2020	systematic review
Kowalczyk, M.; Kohut, K.; Sabzevari, S.; Naendrup, J. H.; Lin, A.	Proximal Long Head Biceps Rupture: A Predictor of Rotator Cuff Pathology	2018	irrelevant topic: predictors of RC pathology
Kozono, N.; Takeuchi, N.; Okada, T.; Hamai, S.; Higaki, H.; Shimoto, T.; Ikebe, S.; Gondo, H.; Senju, T.; Nakashima, Y.	Dynamic scapulohumeral rhythm: Comparison between healthy shoulders and those with large or massive rotator cuff tear	2020	irrelevant comparison group; healthy controls
Kraeutler, M. J.; Reynolds, K. A.; Long, C.; McCarty, E. C.	Compressive cryotherapy versus ice-a prospective, randomized study on postoperative pain in patients undergoing arthroscopic rotator cuff repair or subacromial decompression	2015	Irrelevant Comparison: compressive cryotherapy (CC) vs. ice wrap (IW)
Kramer, M.; Olach, M.; Zdravkovic, V.; Manser, M.; Raiss, P.; Jost, B.; Spross, C.	The effects of length and width of the stem on proximal humerus stress shielding in uncemented primary reverse total shoulder arthroplasty	2024	Mixed Population w/o Stratification: cuff tear arthropathy or OA
Krause, R.; Majcher, A.; Steno, B.	Comparison of decrease in elbow flexion strength in patients after tenotomy and tenodesis of the long head of the biceps brachii	2024	irrelevant population: LHB lesions; n=14 RCRs

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Kriechling, P.; Loucas, R.; Loucas, M.; Kunzler, T.; Gerber, C.; Wieser, K.	Primary reverse total shoulder arthroplasty in patients older than 80 years: clinical and radiologic outcome measures	2021	No comparison group
Krupp, R.; Frankle, M.; Nyland, J.; Baker, C. E.; Werner, B. C.; Pierre, P. S.; Tashjian, R.	Interpositional scaffold anchor rotator cuff footprint tear repair: excellent survival, healing, and early outcomes	2023	no comparison group; surgical procedures not compared
Krupp, R.; Ma, C. B.; Nyland, J.; Getz, C.; Srinivasan, M.	Reverse total shoulder arthroplasty pain and function: new perspectives from a 10-year multicenter study at the 7-year follow-up	2023	No comparison group; Mixed population w/o stratification
Krupp, R.; Oâ€™Grady, C.; Werner, B.; Wiater, J. M.; Nyland, J.; Duquin, T.	A two-year comparison of reverse total shoulder arthroplasty mini-humeral tray and augmented mini-glenoid baseplate implants vs. standard implants	2024	Mixed Population w/o Stratification: rotator cuff arthropathy, glenohumeral joint OA, and rheumatoid arthritis
Kruse, K. K.; Dilisio, M. F.; Wang, W. L.; Schmidt, C. C.	Do we really need to order magnetic resonance imaging? Shoulder surgeon ultrasound practice patterns and beliefs	2019	Systematic Review; Irrelevant Population: Healthy Surgeons
Kuan, F. C.; Shih, C. A.; Su, W. R.; Garcia, A. V.; Kuroiwa, T.; Iida, N.; Hsu, K. L.	Definition of irreparable rotator cuff tear: a scoping review of prospective surgical therapeutic trials to evaluate current practice	2023	Scoping Review
Kucksdorf, J. J.; Bartley, J.; Rhon, D. I.; Young, J. L.	Reproducibility of exercise interventions in randomized controlled trials for the treatment of rotator cuff-related shoulder pain: a systematic review	2023	systematic review
Kucukciloglu, Y.; Aydin, D.	Relationship between Radiological Measurement of Subcoracoid Impingement and Subscapularis Tendon Lesions	2022	Irrelevant Topic: risk factors without surgery
Kumbhare, D.	In rotator cuff disorder, progressive exercise vs. physiotherapy advice, with or without corticosteroid injection, did not differ at 12 mo	2021	commentary of AAOS ID 726 (which was included and appraised)
Kunkle, B.; Reid, J.; Kothandaraman, V.; Eichinger, J. K.; Friedman, R. J.	Increased perioperative complication rates in patients with solid organ transplants following rotator cuff repair	2021	irrelevant topic: complications following organ transplant after RCR
Kunutsor, S. K.; Barrett, M. C.; Whitehouse, M. R.; Craig, R. S.; Lenguerrand, E.; Beswick, A. D.; Blom, A. W.	Incidence, temporal trends and potential risk factors for prosthetic joint infection after primary total shoulder and elbow replacement: Systematic review and meta-analysis	2020	Systematic Review
Kunz, P.; Mick, P.; Gross, S.; Schmidmaier, G.; Zeifang, F.; Weber, M. A.; Fischer, C.	Contrast-Enhanced Ultrasound (CEUS) as Predictor for Early Retear and Functional Outcome After Supraspinatus Tendon Repair	2020	no comparison group

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Kunze, K. N.; Mirzayan, R.; Beletsky, A.; Cregar, W.; Skallerud, W.; Williams, B. T.; Verma, N. N.; Cole, B. J.; Chahla, J.	Do Corticosteroid Injections Before or After Primary Rotator Cuff Repair Influence the Incidence of Adverse Events? A Subjective Synthesis	2020	systematic review
Kunze, K. N.; Moran, J.; Cecere, R.; Taylor, S. A.; Fu, M. C.; Warren, R. F.; Dines, D. M.; Gulotta, L. V.; Dines, J. S.	High Rate of Clinically Meaningful Achievement in Outcomes After Subacromial Balloon Spacer Implantation for Massive Irreparable Rotator Cuff Tears: A Systematic Review and Meta-analysis	2023	systematic review
Kunze, K. N.; Moran, J.; Taylor, S. A.; Fu, M. C.; Rodeo, S. A.; Warren, R. F.; Dines, D. M.; Gulotta, L. V.; Dines, J. S.	Subacromial Balloon Spacer Implantation for Massive Irreparable Rotator Cuff Tears Is Associated With Restoration of the Acromiohumeral Interval and Glenohumeral Center of Pressure: A Systematic Review and Meta-Analysis of Controlled Laboratory Studies	2023	Systematic Review of Cadaver Studies
Kunze, K. N.; Movasagghi, K.; Rossi, D. M.; Polce, E. M.; Cohn, M. R.; Karhade, A. V.; Chahla, J.	Systematic Review of Sleep Quality Before and After Arthroscopic Rotator Cuff Repair: Are Improvements Experienced and Maintained?	2020	systematic review
Kunze, K. N.; Rossi, L. A.; Beletsky, A.; Chahla, J.	Does the Use of Knotted Versus Knotless Transosseous Equivalent Rotator Cuff Repair Technique Influence the Incidence of Retears? A Systematic Review	2020	systematic review
Kuo, L. T.; Chen, C. L.; Yu, P. A.; Tsai, Y. S.; Hsu, W. H.; Chi, C. C.; Yoo, J. C.	Bone marrow-stimulating techniques in arthroscopic rotator cuff repair: a systematic review protocol	2018	Study Protocol, no results
Kuo, L. T.; Chen, H. M.; Yu, P. A.; Chen, C. L.; Hsu, W. H.; Tsai, Y. H.; Chen, K. J.; Chen, V. C.	Depression increases the risk of rotator cuff tear and rotator cuff repair surgery: A nationwide population-based study	2019	irrelevant topic: risk factors of tear
Kuo, S. J.; Su, Y. H.; Hsu, S. C.; Huang, P. H.; Hsia, C. C.; Liao, C. Y.; Chen, S. H.; Wu, R. W.; Hsu, C. C.; Lai, Y. C.; Liu, D. Y.; Ku, N. E.; Chen, J. F.; Ko, J. Y.	Effects of Adding Extracorporeal Shockwave Therapy (ESWT) to Platelet-Rich Plasma (PRP) among Patients with Rotator Cuff Partial Tear: A Prospective Randomized Comparative Study	2024	irrelevant comparison: PRP + ESWT vs. PRP + Sham ESWT
Kuo, Y. C.; Hsieh, L. F.	Validity of Cyriax's Functional Examination for Diagnosing Shoulder Pain: A Diagnostic Accuracy Study	2019	irrelevant population: healthy control group
Kuper, G.; Shanmugaraj, A.; Horner, N. S.; Ekhtiari, S.; Simunovic, N.; Cadet, E. R.; Ayeni, O. R.	Critical shoulder angle is an effective radiographic parameter that is associated with rotator cuff tears and osteoarthritis: A systematic review	2019	systematic review, bib review complete

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Kuptniratsaikul, V.; Laohathaimongkol, T.; Umprai, V.; Yeekian, C.; Prasathaporn, N.	Pre-operative factors correlated with arthroscopic reparability of large-to-massive rotator cuff tears	2019	irrelevant topic: risk factors for reparability (partial vs. complete repair)
Kurnaz, R.; Ergun, S.; Asci, M.; Akgun, U.; Gunes, T.	Mid-term clinical and radiological outcomes of arthroscopic repair of isolated and combined subscapularis tears: A single-center experience	2021	Mixed Population w/o Stratification: partial and full-thickness tears
Kwak, J. M.; Ha, T. H.; Sun, Y.; Kholinne, E.; Koh, K. H.; Jeon, I. H.	Motion quality in rotator cuff tear using an inertial measurement unit: new parameters for dynamic motion assessment	2020	irrelevant topic: motion quality analysis; no relevant outcomes
Kwan, C. K.; Ko, M. C.; Fu, S. C.; Leong, H. T.; Ling, S. K.; Oh, J. H.; Yung, P. S.	Are muscle weakness and stiffness risk factors of the development of rotator cuff tendinopathy in overhead athletes: a systematic review	2021	systematic review
Kwon, J.; Lee, Y. H.; Kim, S. H.; Ko, J. H.; Park, B. K.; Oh, J. H.	Delamination Does Not Affect Outcomes After Arthroscopic Rotator Cuff Repair as Compared With Nondelaminated Rotator Cuff Tears: A Study of 1043 Consecutive Cases	2019	Mixed Population w/o Stratification; irrelevant comparison: delaminated vs. nondelaminated
Kwon, Y. W.; Zuckerman, J. D.	Subscapularis-Sparing Total Shoulder Arthroplasty: A Prospective, Double-Blinded, Randomized Clinical Trial	2019	irrelevant population: end-stage OA w/ exclusion of full-thickness tears
Kwong, C. A.; Ono, Y.; Carroll, M. J.; Fruson, L. W.; More, K. D.; Thornton, G. M.; Lo, I. K. Y.	Full-Thickness Rotator Cuff Tears: What Is the Rate of Tear Progression? A Systematic Review	2019	Systematic Review; All reviewed articles published b4 previous guideline.
L. Boettcher M; Oldenburg, K. S.; Neel, G.; Kunkle, B.; Eichinger, J. K.; Friedman, R. J.	Perioperative complications and outcomes in patients with paraplegia undergoing rotator cuff repair	2023	Tear type was unspecified
La Banca, V.; Bonadiman, J. A.; Gonzalez, F. F.; Gustafson, J. A.; Leporace, G.; Garrigues, G. E.; Chahla, J.; Metsavaht, L.	Changes in in vivo three dimensional shoulder kinematics following latissimus dorsi tendon transfer for irreparable posterosuperior rotator cuff tears: A systematic review with meta-analysis	2024	Systematic Review; Bib Review Completed
Laßdermann, A.; Lübbeke, A.; Meßlis, B.; Stern, R.; Christofilopoulos, P.; Bacle, G.; Walch, G.	Prevalence of neurologic lesions after total shoulder arthroplasty	2011	prior to latest search date; not relevant to PICO 13
Labelle, M. W.; Marcus, R. E.	CORR Synthesis: What Is the Role of Platelet-rich Plasma Injection in the Treatment of Tendon Disorders?	2020	systematic review
LaBelle, M. W.; Mengers, S.; Strony, J.; Peck, M.; Flannery, R.; Cupp, S.; Salata, M. J.; Parsons, E. M.; Gillespie, R. J.	Evaluating the role of graft integrity on outcomes: clinical and imaging results following superior capsular reconstruction	2021	no comparison group; no relevant risk factors

Authors	Article Title	Year	Reason for Exclusion
Lachance, A. D.; Peebles, A. M.; McBride, T.; Eble, S. K.; Provencher, M. T.	Subscapularis repair techniques for reverse total shoulder arthroplasty: A systematic review	2022	systematic review
Lacheta, L.; Braun, S.	Limited evidence for biological treatment measures for cartilage and tendon injuries of the shoulder	2022	systematic review
Lacheta, L.; Horan, M. P.; Schairer, W. W.; Goldenberg, B. T.; Dornan, G. J.; Pogorzelski, J.; Millett, P. J.	Clinical and Imaging Outcomes After Arthroscopic Superior Capsule Reconstruction With Human Dermal Allograft for Irreparable Posterosuperior Rotator Cuff Tears: A Minimum 2-Year Follow-Up	2020	no comparison group
Lacheta, L.; Siebenlist, S.; Scheiderer, B.; Beitzel, K.; Woertler, K.; Imhoff, A. B.; Buchmann, S.; Willinger, L.	Intact revision rotator cuff repair stabilizes muscle atrophy and fatty infiltration after minimum follow up of two years	2023	Small sample size: 19 total patients
Ladermann, A.; Cikes, A.; Zbinden, J.; Martinho, T.; Pernoud, A.; Bothorel, H.	Hydrotherapy after Rotator Cuff Repair Improves Short-Term Functional Results Compared with Land-Based Rehabilitation When the Immobilization Period Is Longer	2024	both groups received supervised PT; not randomized by immobilization type
Ladermann, A.; Collin, P.; Zbinden, O.; Meynard, T.; Saffarini, M.; Chiu, J. C.	Diagnostic Accuracy of Clinical Tests for Subscapularis Tears: A Systematic Review and Meta-analysis	2021	systematic review
Ladermann, A.; Denard, P. J.; Collin, P.; Zbinden, O.; Chiu, J. C.; Boileau, P.; Olivier, F.; Walch, G.	Effect of humeral stem and glenosphere designs on range of motion and muscle length in reverse shoulder arthroplasty	2020	Not a human subject study
Ladermann, A.; Meynard, T.; Denard, P. J.; Ibrahim, M.; Saffarini, M.; Collin, P.	Reliable diagnosis of posterosuperior rotator cuff tears requires a combination of clinical tests	2021	systematic review
Lafosse, L.; Protais, M.; Moody, M. C.; Colas, M.; Puah, K. L.; Lafosse, T.	Live Surgery: A retrospective study on the outcomes and complications of 7 orthopedic live surgery events	2021	No comparisons between groups;
Lafrance, S.; Doiron-Cadrin, P.; Saulnier, M.; Lamontagne, M.; Bureau, N. J.; Dyer, J. O.; Roy, J. S.; Desmeules, F.	Is ultrasound-guided lavage an effective intervention for rotator cuff calcific tendinopathy? A systematic review with a meta-analysis of randomised controlled trials	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Lafrance, S.; Ouellet, P.; Alaoui, R.; Roy, J. S.; Lewis, J.; Christiansen, D. H.; Dubois, B.; Langevin, P.; Desmeules, F.	Motor Control Exercises Compared to Strengthening Exercises for Upper- and Lower-Extremity Musculoskeletal Disorders: A Systematic Review With Meta-Analyses of Randomized Controlled Trials	2021	systematic review

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Lahdeoja, T.; Karjalainen, T.; Jokihaara, J.; Salamh, P.; Kavaja, L.; Agarwal, A.; Winters, M.; Buchbinder, R.; Guyatt, G.; Vandvik, P. O.; Ardern, C. L.	Subacromial decompression surgery for adults with shoulder pain: a systematic review with meta-analysis	2020	systematic review, bib review complete
Lai, C. C.; Chen, S. Y.; Yang, J. L.; Lin, J. J.	Effectiveness of stretching exercise versus kinesiotaping in improving length of the pectoralis minor: A systematic review and network meta-analysis	2019	Systematic Review
Lai, C. H.; Chandak, S.; Karlapudi, P.; Tokish, J.	Sex-related differences in PROMs prior to the outcome: comparison of preoperative PROMIS physical function scores in female vs. male patients undergoing shoulder arthroplasty	2023	irrelevant population: osteoarthritis, RCA
Lai, J.; Gagnier, J. J.	The Effect of Lipid Disorders on the Risk of Rotator Cuff Disease: A Systematic Review and Meta-Analysis	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Lalevee, M.; van Rooij, F.; Nover, L.; Kumble, A.; Saffarini, M.; Courage, O.	3D imaging has good specificity but poor sensitivity for the diagnosis of pathologies of the long head of the biceps: a systematic review and meta-analysis	2022	Systematic Review
Lamas, J. R.; Garcia-Fernandez, C.; Tornero-Esteban, P.; Lopiz, Y.; Rodriguez-Rodriguez, L.; Ortega, L.; Fernandez-Gutierrez, B.; Marco, F.	Adverse effects of xenogenic scaffolding in the context of a randomized double-blind placebo-controlled study for repairing full-thickness rotator cuff tears	2019	less than 10 patients analyzed in each group
Landy, D. C.; Boyadjian, H.; Shi, L. L.; Lee, M. J.	General health measures in shoulder surgery: are we powered for success?	2019	systematic review
Lane, P. W.; Griswold, B. G.; Pare, D. W.; Bushnell, B. D.; Parada, S. A.	Benzoyl Peroxide is Cost-Effective for Preventing Infection by Cutibacterium Acnes in Arthroscopic Rotator Cuff Repair	2021	cost analysis
Langenberg, L. C.; Vieira Lima, G.; Heitkamp, S. E.; Kemps, Flam; Jones, M. S.; Moreira, Maag; Eygendaal, D.	The Surfer's Shoulder: A Systematic Review of Current Literature and Potential Pathophysiological Explanations of Chronic Shoulder Complaints in Wave Surfers	2021	systematic review
Lanham, N. S.; Ahmed, R.; Kopydlowski, N. J.; Mueller, J. D.; Levine, W. N.; Jobin, C. M.	Does the timing of tenotomy during biceps tenodesis affect the incidence of Popeye deformity and clinical outcome? An analysis of short-term follow-up of 2 techniques	2023	irrelevant topic: timing of tenotomy during biceps tenodesis
Lansdown, D. A.; Cheung, E. C.; Aung, M. S.; Zhang, A. L.; Feeley, B. T.; Ma, C. B.	Return to golf and golf-specific performance after anatomic total shoulder arthroplasty and reverse total shoulder arthroplasty	2021	Mixed Population w/o Stratification: osteoarthritis, Rotator cuff tear arthropathy, Rotator cuff tear, and failed prior shoulder replacement

Authors	Article Title	Year	Reason for Exclusion
Lansdown, D. A.; Ma, G. C.; Aung, M. S.; Gomez, A.; Zhang, A. L.; Feeley, B. T.; Ma, C. B.	Do patient outcomes and follow-up completion rates after shoulder arthroplasty differ based on insurance payor?	2021	Irrelevant Population: no RC tear and mixed diagnoses w/o stratification
Lanza, E.; Piccoli, F.; Intrieri, C.; Muglia, R.; Politi, L. S.; Borroni, M.; Castagna, A.; Sconfienza, L. M.	US-guided percutaneous irrigation of calcific tendinopathy of the rotator cuff in patients with or without previous external shockwave therapy	2021	irrelevant comparison by prior ESWT
Lapner, P. L. C.; Sabri, E.; Rakhra, K.; McRae, S.; Leiter, J.; Bell, K.; MacDonald, P.	A multicenter randomized controlled trial comparing single-row with double-row fixation in arthroscopic rotator cuff repair	2012	duplicate of AAOS ID 15202
Lapner, P.; Henry, P.; Athwal, G. S.; Moktar, J.; McNeil, D.; MacDonald, P.	Treatment of rotator cuff tears: a systematic review and meta-analysis	2022	systematic review
Lapner, P.; Pollock, J. W.; Zhang, T.; Ruggiero, S.; Momoli, F.; Sheikh, A.; Athwal, G. S.	A randomized controlled trial comparing subscapularis tenotomy with peel in anatomic shoulder arthroplasty	2020	irrelevant population: advanced glenohumeral OA
LaPrade, M. D.; Camp, C. L.; Brockmeier, S. F.; Krych, A. J.; Werner, B. C.	The Cost of Outpatient Arthroscopic Rotator Cuff Repairs: Hospital Reimbursement Is on the Rise While Surgeon Payments Remain Unchanged	2020	cost analysis
Laprus, H.; Juszczak, B.; Brzoska, R.; Blasiak, A.; Popescu, I. A.; Lubiowski, P.	Biceps tendon autograft augmentation for rotator cuff and instability procedures: a narrative review	2024	Narrative Review
Larose, G.; Aibinder, W. R.; Greene, A. T.; Roche, C. P.; Grey, S.; Faber, K. J.; Routman, H.; Antuña, S.; Wright, T.; Flurin, P. H.; Zuckerman, J. D.; Virk, M. S.	Two-year minimum survivorship and radiographic analysis of a pressfit short humeral stem for total shoulder arthroplasty	2024	Mixed Population w/o Stratification: osteoarthritis, Rotator cuff arthropathy, post-traumatic arthritis
Larsson, R.; Bernhardsson, S.; Nordeman, L.	Effects of eccentric exercise in patients with subacromial impingement syndrome: a systematic review and meta-analysis	2019	Systematic Review; Bib Review Completed
Lau, B. C.; Motamedi, D.; Luke, A.	Use of Pocket-Sized Ultrasound Device in the Diagnosis of Shoulder Pathology	2020	Small sample size: 10 total patients; mixed population
Lau, B. C.; Pineda, L. B.; Johnston, T. R.; Gregory, B. P.; Wu, M.; Fletcher, A. N.; Ledbetter, L.; Riboh, J. C.	Return to Play After Revision Anterior Shoulder Stabilization: A Systematic Review	2021	systematic review
Lau, B. C.; Scribani, M.; Wittstein, J.	The Effect of Preexisting and Shoulder-Specific Depression and Anxiety on Patient-Reported Outcomes After Arthroscopic Rotator Cuff Repair	2019	Tear type was unspecified

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Lau, B. C.; Scribani, M.; Wittstein, J.	Patients with depression and anxiety symptoms from adjustment disorder related to their shoulder may be ideal patients for arthroscopic rotator cuff repair	2020	irrelevant population; tear type not specified
Laucis, N. C.; Rosen, K. A.; Thodge, A.; Leschied, J. R.; Klochko, C. L.; Soliman, S. B.	Sonographic evaluation of the association between calcific tendinopathy and rotator cuff tear: a case-controlled comparison	2021	irrelevant comparison: RC calcific tendinopathy vs. control w/o tendinopathy; no relevant outcomes
Laumonerie, P.; Dalmas, Y.; Tibbo, M. E.; Robert, S.; Faruch, M.; Chaynes, P.; Bonneville, N.; Mansat, P.	Sensory innervation of the human shoulder joint: the three bridges to break	2020	Systematic Review
Laumonerie, P.; Martel, M.; Tibbo, M. E.; Azoulay, V.; Mansat, P.; Bonneville, N.	Influence of vitamin C on the incidence of CRPS-I after subacromial shoulder surgery	2020	irrelevant topic; vitamin c postop
Lauria, M.; Hastings, M.; DiPaola, M. J.; Duquin, T. R.; Ablove, R. H.	Factors affecting internal rotation following total shoulder arthroplasty	2022	systematic review
Lavallee, M.; Bush, C.	Ultrasound-Guided Percutaneous Tenotomy and Its Associated Pain Reduction and Functionality Outcomes in Nonelite Active Adults	2021	no comparison group; tendinopathy in a variety of locations (i.e, achilles, patellar, etc.)
Lavignac, P.; Lacroix, P. M.; Billaud, A.	Quantification of acromioplasty. Systematic review of the literature	2021	Systematic Review; Bib Review Completed
Lavin, A. C.; Mansour, K. L.; Greif, D. N.; Shalloo, B. J.; Allegra, P. R.; Sanchez, R. A.; Munoz, J.; Baraga, M. G.	Rehabilitation Protocols for Superior Capsular Reconstruction Are Variable: A Systematic Review	2021	systematic review, bib review complete
Lavoie-Gagne, O.; Farah, G.; Lu, Y.; Mehta, N.; Parvaresh, K. C.; Forsythe, B.	Physical Therapy Combined With Subacromial Cortisone Injection Is a First-Line Treatment Whereas Acromioplasty With Physical Therapy Is Best if Nonoperative Interventions Fail for the Management of Subacromial Impingement: A Systematic Review and Network Meta-Analysis	2022	systematic review
Lavoie-Gagne, O.; Fury, M. S.; Mehta, N.; Harkin, W. E.; Bernstein, D. N.; Berlinberg, E. J.; Parvaresh, K.; O'Donnell, E.; Forsythe, B.	Double-Row Repair With Platelet-Rich Plasma Optimizes Retear Rates After Small to Medium Full-Thickness Rotator Cuff Repair: A Systematic Review and Network Meta-analysis of Randomized Controlled Trials	2022	systematic review
Lawrence, C.; Lazarus, M.; Abboud, J.; Williams, G.; Namdari, S.	Prospective Comparative Study of Preoperative Expectations and Postoperative Outcomes in Anatomic and Reverse Shoulder Arthroplasty	2019	irrelevant population: aTSA for OA vs. RTSA vs. RCA
Lawrence, R. L.; Braman, J. P.; Ludewig, P. M.	Shoulder kinematics impact subacromial proximities: a review of the literature	2020	systematic review
Lawrence, R. L.; Ludewig, P. M.; Ward, S. R.	An Integrated Approach to Musculoskeletal Performance, Disease, and Recovery	2021	Narrative Review

Authors	Article Title	Year	Reason for Exclusion
Le Breton, S.; Forlizzi, J.; Bono, O.; MacAskill, M.; Mousad, A.; Kush, S.; O'Brien, M.; Christensen, A.; Mithoefer, K.; Ramappa, A.; Ross, G.; Shah, S. S.	Local Intraoperative Marrow-Derived Augmentation for Primary Rotator Cuff Repair: An Updated Systematic Review and Meta-analysis of Studies From 2010 to 2022	2023	Systematic Review; Bib Review Completed
Le, A. D. K.; Enweze, L.; DeBaun, M. R.; Dragoo, J. L.	Platelet-Rich Plasma	2019	Systematic Review; All reviewed articles relevant to RCR published b4 previous guideline.
Lee, A. C.; Gupta, R.; Kelly, J. D. th; Li, X.; Parisien, R. L.	Variability of MCID, SCB, and PASS Thresholds in Studies Assessing Patient-Reported Outcomes After Rotator Cuff Repair: A Systematic Review	2024	Systematic Review; Bib Review Completed
Lee, A. R.; Yi, H. W.; Chung, I. S.; Ko, J. S.; Ahn, H. J.; Gwak, M. S.; Choi, D. H.; Choi, S. J.	Magnesium added to bupivacaine prolongs the duration of analgesia after interscalene nerve block	2012	Irrelevant Comparison: Interscalene nerve block performed with 0.5% bupivacaine 20mL with epinephrine (1:200,000) + 10% magnesium sulphate 2mL vs. 0.5% bupivacaine 20mL with epinephrine (1:200,000) + normal saline 2mL
Lee, A.; Christmas, K. N.; Simon, P.; Bhatt, F. R.; Lee, W. E., 3rd; Mighell, M. A.; Frankle, M. A.	Influence of preoperative factors on timing for bilateral shoulder arthroplasty	2021	Mixed Population w/o Stratification; irrelevant topic: timing of surgery
Lee, A.; Farooqi, A. S.; Novikov, D.; Li, X.; Kelly, J. D. th; Parisien, R. L.	Clinical and Functional Outcomes by Graft Type in Superior Capsular Reconstruction: A Systematic Review and Meta-analysis	2022	systematic review
Lee, C. Y.; Chen, P. C.; Liu, Y. C.; Tsai, Y. C.; Chou, P. H.; Fu, Y. C.; Liu, W. C.; Jupiter, J. B.	Does coracoclavicular augmentation additional to hook plate fixation provide benefits in acute unstable acromioclavicular dislocation? A meta-analysis	2022	Systematic Review; Bib Review Completed
Lee, D. H.; Choi, Y. S.; Potter, H. G.; Endo, Y.; Sivakumaran, T.; Lim, T. K.; Chun, T. J.	Reverse total shoulder arthroplasty: an imaging overview	2020	systematic review
Lee, D. Y. L.; Haas, R.; Wallis, J. A.; O'Connor, D. A.; Buchbinder, R.	Clinical practice guidelines for the management of atraumatic shoulder conditions: Protocol for a systematic review	2021	Study Protocol, no results
Lee, D.; Campbell, R. E.; Leider, M. L.; Pepe, M. M.; Tucker, B. S.; Tjoumakaris, F. P.	Efficacy of transdermal 4% lidocaine patches for postoperative pain management after arthroscopic rotator cuff repair: a prospective trial	2022	Irrelevant Comparison: Lidocaine vs. Control

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Lee, D.; Destine, H.; Perez, A.; Detweiler, M. C.; Corsi, D. R.; Lencer, A. J.; Gibbs, B. S.; Freedman, K. B.; Tjoumakaris, F. P.	Workman's compensation as exclusion criteria in rotator cuff repair literature - are we inadvertently excluding race?	2023	no relevant outcomes; tear type not specified
Lee, D.; Hong, K. T.; Lee, W.; Khil, E. K.; Lee, G. Y.; Choi, J. A.; Song, Y.	Threshold-based quantification of fatty degeneration in the supraspinatus muscle on MRI as an alternative method to Goutallier classification and single-voxel MR spectroscopy	2020	irrelevant topic; no relevant outcomes
Lee, D.; Lee, K. H.; Jo, Y. H.; Joo, I. H.; Lee, H. J.; Jeong, S. Y.; Lee, B. G.	Correlation between Severity of Synovitis and Clinical Features in Rotator Cuff Tears	2021	irrelevant comparisons by glenohumeral joint quarter; inadequate follow-up time
Lee, H. J.; Kim, E. S.; Kim, Y. S.	What happens to the long head of the biceps tendon after arthroscopic rotator cuff repair?	2020	No comparison group; Mixed population w/o stratification
Lee, H. J.; Kim, Y. S.; Park, I.; Ha, D. H.; Lee, J. H.	Administration of analgesics after rotator cuff repair: a prospective clinical trial comparing glenohumeral, subacromial, and a combination of glenohumeral and subacromial injections	2015	Irrelevant Comparison: postop glenohumeral injection of bupivacaine (20mL) and lidocaine (10mL) vs. same postop injection as group 1 except administered in the subacromial space vs. same amount of local anesthesia but with half injected in the glenohumeral joint and half in the subacromial space
Lee, H. J.; Woo, J. H.; Chae, J. S.; Kim, Y. J.; Shin, S. J.	Intravenous Versus Perineural Dexamethasone for Reducing Rebound Pain After Interscalene Brachial Plexus Block: A Randomized Controlled Trial	2023	Irrelevant Comparison: Perineural vs. Intravenous Ropivacaine
Lee, H. Y.; Cheon, S. J.; Seo, H.; Lee, B. Y.; Nam, J. H.; Lee, D. Y.	Periimplant osteolysis does not affect the outcome of rotator cuff repair: a systematic review and meta-analysis	2021	systematic review, bib review complete
Lee, H.; Ahn, J. M.; Kang, Y.; Oh, J. H.; Lee, E.; Lee, J. W.; Kang, H. S.	Evaluation of the Subscapularis Tendon Tears on 3T Magnetic Resonance Arthrography: Comparison of Diagnostic Performance of T1-Weighted Spectral Presaturation with Inversion-Recovery and T2-Weighted Turbo Spin-Echo Sequences	2018	Duplicate of 15073
Lee, J. B.; Kholinne, E.; Ben, H.; So, S. P.; Alsaqri, H.; Lee, H. J.; Koh, K. H.; Jeon, I. H.	Clinical and Radiological Outcomes of Arthroscopic Superior Capsular Reconstruction Versus Primary Rotator Cuff Repair in Massive Rotator Cuff Tears: A Propensity Score-Matched Study	2023	mixed population: RCR for reparable tears vs. SCR for irreparable tears
Lee, J. B.; Kholinne, E.; Yeom, J. W.; Ben, H.; AlAhmadi, B. M.; Koh, K. H.; Jeon, I. H.	Effect of Fatty Infiltration of the Infraspinatus Muscle on Outcomes and Graft Failure After Arthroscopic Superior Capsule Reconstruction for Irreparable Posterosuperior Rotator Cuff Tears	2022	included patients with arthropathy, does not stratify
Lee, J. H.; Cho, S. H.; Kim, S. H.; Chae, W. S.; Jin, H. C.; Lee, J. S.; Kim, Y. I.	Ropivacaine for ultrasound-guided interscalene block: 5Â mL provides similar analgesia but less phrenic nerve paralysis than 10Â mL	2011	Irrelevant comparison: 5ml or 10ml 0.75% ropivacaine

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Lee, J. H.; Chun, Y. M.; Kim, D. S.; Lee, D. H.; Shin, S. J.	Clinical comparison of humeral-lateralization reverse total shoulder arthroplasty between patients with irreparable rotator cuff tear and patients with cuff tear arthropathy	2020	irrelevant comparison: irreparable RC tears vs. CTA
Lee, J. H.; Kim, J. Y.; Kim, J. Y.; Mun, J. W.; Yeo, J. H.	Prevalence of and Risk Factors for Hypovitaminosis D in Patients with Rotator Cuff Tears	2021	No relevant outcomes at 12 mos follow-up
Lee, J. H.; Lee, Y. B.	Clinical and Radiologic Outcomes of Combined Use of Biocomposite and PEEK Suture Anchors during Arthroscopic Rotator Cuff Repair: A Prospective Observational Study	2020	no comparison group
Lee, J. H.; Park, J. S.; Jeong, W. K.	Which muscle performance can be improved after arthroscopic Bankart repair?	2020	Irrelevant intervention: bankart repair; irrelevant comparison group: healthy controls
Lee, J. H.; Park, J. S.; Jeong, W. K.	Importance of Initial Peak Torque of the Supraspinatus Muscle during Shoulder Flexion	2022	Irrelevant comparison: peak torque vs. peak torque at initial angle
Lee, J. H.; Yoon, J. Y.; Lee, Y. B.	The Use of Intravenous Zoledronate May Reduce Retear Rate after Rotator Cuff Repair in Older Female Patients with Osteoporosis: A First In-Human Prospective Study	2022	Inadequate follow-up time; Not relevant to PICO's (see extended note)
Lee, J. J.; Hwang, J. T.; Kim, D. Y.; Lee, S. S.; Hwang, S. M.; Lee, N. R.; Kwak, B. C.	Effects of arthroscopy-guided suprascapular nerve block combined with ultrasound-guided interscalene brachial plexus block for arthroscopic rotator cuff repair: a randomized controlled trial	2017	Irrelevant Comparison: ISB + SSNB w/ Ropivacaine vs. ISB w/ Ropivacaine + SSNB w/ Saline
Lee, J. J.; Kim, D. Y.; Hwang, J. T.; Lee, S. S.; Hwang, S. M.; Kim, G. H.; Jo, Y. G.	Effect of ultrasonographically guided axillary nerve block combined with suprascapular nerve block in arthroscopic rotator cuff repair: a randomized controlled trial	2014	Irrelevant Comparison: Axillary nerve block (ANB) + suprascapular nerve block (SSNB) 10mL ropivacaine vs. SSNB 10mL 0.75% ropivacaine, 10 mL saline
Lee, J. J.; Kim, D. Y.; Hwang, J. T.; Song, D. K.; Lee, H. N.; Jang, J. S.; Lee, S. S.; Hwang, S. M.; Moon, S. H.; Shim, J. H.	Dexmedetomidine combined with suprascapular nerve block and axillary nerve block has a synergistic effect on relieving postoperative pain after arthroscopic rotator cuff repair	2021	Irrelevant Comparison: Dexmedetomidine vs. Control
Lee, J. J.; Yoo, Y. S.; Hwang, J. T.; Kim, D. Y.; Jeon, S. J.; Hwang, S. M.; Jang, J. S.	Efficacy of direct arthroscopy-guided suprascapular nerve block after arthroscopic rotator cuff repair: a prospective randomized study	2015	Irrelevant Comparison: arthroscopy-guided suprascapular nerve block using 10mL 0.5% ropivacaine with 1:200,000 epi vs. placebo using 15mL 0.9% saline
Lee, J. M.; Ji, J. H.; Park, S. E.; Suh, D.; Song, K. J.	Arthroscopic cuff repair: footprint remnant preserving versus debriding rotator cuff repair of transtendinous rotator cuff tears with remnant cuff	2024	irrelevant comparison: remnant preserving vs. remnant debriding
Lee, J. Y. J.; Wu, J. C.; Chatterji, R.; Koueiter, D.; Maerz, T.; Dutchshen, N.; Wiater, B. P.; Anderson, K.; Wiater, J. M.	Complication rates and efficacy of single-injection vs. continuous interscalene nerve block: a prospective evaluation following arthroscopic primary rotator cuff repair without a concomitant open procedure	2024	irrelevant comparison: single-injection vs. continuous ISNB

Authors	Article Title	Year	Reason for Exclusion
Lee, J.; Consigliere, P.; Fawzy, E.; Mariani, L.; Witney-Lagen, C.; Natera, L.; Buch, B.; Atoun, E.; Sforza, G.; Amar, E.; Levy, O.	Accelerated rehabilitation following reverse total shoulder arthroplasty	2021	Mixed Population w/o Stratification (see extended note)
Lee, J.; Yoon, J. P.; Woo, Y.; Oh, K. S.; Chung, S. W.	Types and doses of anti-adhesive agents injected into subacromial space do not have an effect on the clinical and anatomical outcomes after arthroscopic rotator cuff repair	2023	Irrelevant Comparison: Anti adhesive agent vs. control
Lee, K. J.; Kim, Y. T.; Choi, M.; Kim, S. H.	Characteristics and outcomes of L-shaped and reverse L-shaped rotator cuff tears	2022	irrelevant comparison: L-shaped tears vs. reverse L-shaped tears
Lee, K. W.; Choi, H. G.; Yang, D. S.; Yu, Y. T.; Kim, W. S.; Choy, W. S.	Achilles Tendon Allograft for Superior Capsule Reconstruction in Irreparable Massive Rotator Cuff Tears	2021	No comparison group - all patients underwent SCR with Achilles tendon allograft
Lee, K. W.; Lee, G. S.; Yang, D. S.; Park, S. H.; Chun, Y. S.; Choy, W. S.	Clinical Outcome of Arthroscopic Partial Repair of Large to Massive Posterosuperior Rotator Cuff Tears: Medialization of the Attachment Site of the Rotator Cuff Tendon	2020	No comparison group- all participants underwent partial repair
Lee, K. W.; Moon, K. H.; Ma, C. H.; Lee, G. S.; Yang, D. S.; Choy, W. S.	Clinical and Radiologic Outcomes After Medializing and Not Medializing Rotator Cuff Tendon Attachment Site on Chronic Retracted Rotator Cuff Tears	2018	irrelevant comparison: medialization vs. no medialization
Lee, K. W.; Yang, D. S.; Lee, G. S.; Ma, C. H.; Choy, W. S.	Clinical outcomes and repair integrity after arthroscopic full-thickness rotator cuff repair: suture-bridge versus double-row modified Mason-Allen technique	2018	excluded from previous guideline "Not best available evidence"
Lee, K.; Kim, J. Y.; Lee, M. H.; Choi, C. H.; Hwang, J. Y.	Imbalanced Loss-Integrated Deep-Learning-Based Ultrasound Image Analysis for Diagnosis of Rotator-Cuff Tear	2021	deep learning for better segmentation for diseased regions in Ultrasound images
Lee, M. G.; Shin, Y. J.; You, H. S.; Lim, C. H.; Chang, Y. J.; Shin, H. J.	A Comparison of Anesthetic Quality Between Interscalene Block and Superior Trunk Block for Arthroscopic Shoulder Surgery: A Randomized Controlled Trial	2021	irrelevant comparison: interscalene block vs. superior trunk block
Lee, R. W.; Choi, S. J.; Lee, M. H.; Ahn, J. H.; Shin, D. R.; Kang, C. H.; Lee, K. W.	Diagnostic accuracy of 3T conventional shoulder MRI in the detection of the long head of the biceps tendon tears associated with rotator cuff tendon tears	2016	inaccurately included in previous guideline: diagnosis of LHBT tears
Lee, S. E.; Jung, J. Y.; Lee, S. Y.; Park, H.	Progression of long head of the biceps brachii tendon abnormality on magnetic resonance imaging after rotator cuff repair	2021	No comparison group - all patients underwent repair
Lee, S. H.; Lee, J.; Oh, K. S.; Yoon, J. P.; Seo, A.; Jeong, Y.; Chung, S. W.	Automated 3-dimensional MRI segmentation for the posterosuperior rotator cuff tear lesion using deep learning algorithm	2023	Irrelevant Topic: Deep Learning for Diagnosis
Lee, S. M.; Seo, Y. G.; Park, W. H.; Yoo, J. C.	Preoperative Rotator Muscle Strength Ratio Predicts Shoulder Function in Patients After Rotator Cuff Repair	2020	No Relevant Risk Factors; Irrelevant Comparison (see extended note)

Authors	Article Title	Year	Reason for Exclusion
Lee, S. U.; Lee, H. J.; Kim, Y. S.	The effectiveness of ramosetron and ondansetron for preventing postoperative nausea and vomiting after arthroscopic rotator cuff repair: a randomized controlled trial	2020	Irrelevant Comparison: Ramosetron vs. Ondansetron vs. Control
Lee, S. Y.; Kang, D. M.; Kim, S. H.	Outcomes After Rotator Cuff Repair With Transverse Scapular Ligament Release in Patients With Severe Fatty Degeneration of the Infraspinatus	2023	irrelevant comparison: concomitant transverse scapular ligament release vs. RCR alone
Lee, S. Y.; Noh, Y. M.	Magnetic resonance imaging analysis of screw in-type lateral anchor pull-out in large to massive rotator cuff repair in patients older than 60 years	2022	Irrelevant Comparison: male vs. female, 2 anchors vs. 3 anchors, osteoporosis vs. normal density
Lee, S.; Hwang, J. T.; Lee, S. S.; Lee, J. H.; Kim, T. Y.	Greater Tuberosity Bone Mineral Density and Rotator Cuff Tear Size Are Independent Factors Associated With Cutting-Through in Arthroscopic Suture-Bridge Rotator Cuff Repair	2021	no risk factors of interest
Lee, S.; Kim, D. H.; Kim, S. G.; Cho, C. H.	Does reverse shoulder arthroplasty improve emotional status and quality of life in patients with rotator cuff insufficiency? Prospective sequential follow-up study	2023	No comparison group; irrelevant population for risk factors
Lee, S.; Park, I.; Kim, M. S.; Shin, S. J.	Clinical differences between patients with early and late revision surgery for symptomatic failed arthroscopic rotator cuff repair	2021	Irrelevant comparison: participants underwent revision surgery within 1 year postoperatively vs. patients underwent revision surgeries more than 1 year postoperatively
Lee, S.; Sardar, H.; Horner, N. S.; Al Mana, L.; Miller, B. S.; Khan, M.; Alolabi, B.	Subscapularis-sparing approaches in shoulder arthroplasty: A systematic review	2021	Systematic review; bib review complete
Lee, W. H.; Do, H. K.; Lee, J. H.; Kim, B. R.; Noh, J. H.; Choi, S. H.; Chung, S. G.; Lee, S. U.; Choi, J. E.; Kim, S.; Kim, M. J.; Lim, J. Y.	Clinical Outcomes of Conservative Treatment and Arthroscopic Repair of Rotator Cuff Tears: A Retrospective Observational Study	2016	only 60% full thickness tears includes 39% and 34% partial thickness
Lee, W. Y.; Shin, H. D.; Kim, K. C.; Cha, S. M.; Jeon, Y. S.; Song, J. H.	Repair integrity and functional outcomes of arthroscopic repair in chronic anterior shoulder instability: single-loaded versus double-loaded single-row repair	2022	irrelevant population: labral lesions w/ rotator cuff tears excluded
Lee, W.; Kim, S. J.; Choi, C. H.; Choi, Y. R.; Chun, Y. M.	Intra-articular injection of steroids in the early postoperative period does not have an adverse effect on the clinical outcomes and the re-tear rate after arthroscopic rotator cuff repair	2019	irrelevant comparison: postop corticosteroid injection vs no injection for partial tears
Lei, L.; Zhang, C.; Sun, F. H.; Xie, Y.; Liang, B.; Wang, L.; Pang, G.; Chen, R.; Jiang, W.; Ou, X.; Miyamoto, A.; Wang, J.	Research Trends on the Rotator Cuff Tendon: A Bibliometric Analysis of the Past 2 Decades	2021	Systematic Review

Authors	Article Title	Year	Reason for Exclusion
Leite, M. J.; Pinho, A. R.; Sa, M. C.; Silva, M. R.; Sousa, A. N.; Torres, J. M.	Coracoid morphology and humeral version as risk factors for subscapularis tears	2020	irrelevant topic: risk factors for tears
Leite, M. J.; Sa, M. C.; Lopes, M. J.; Matos, R. M.; Sousa, A. N.; Torres, J. M.	Coracohumeral distance and coracoid overlap as predictors of subscapularis and long head of the biceps injuries	2019	irrelevant topic: predictors of tears
Lemaster, N. G.; Hettrich, C. M.; Jacobs, C. A.; Heebner, N.; Westgate, P. M.; Mair, S.; Montgomery, J. R.; Uhl, T. L.	Which Risk Factors Are Associated with Pain and Patient-reported Function in Patients with a Rotator Cuff Tear?	2021	Non-surgical population and not relevant to PICO 3 or 6
Leong, H. T.; Fu, S. C.; He, X.; Oh, J. H.; Yamamoto, N.; Hang, S.	Risk factors for rotator cuff tendinopathy: A systematic review and meta-analysis	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Leonidou, A.; Virani, S.; Buckle, C.; Yeoh, C.; Relwani, J.	Reverse shoulder arthroplasty with a cementless short metaphyseal humeral prosthesis without a stem: survivorship, early to mid-term clinical and radiological outcomes in a prospective study from an independent centre	2020	irrelevant population; RCT arthropathy only 59%
Leroux, T. S.; Saltzman, B. M.; Sumner, S. A.; Maldonado-Rodriguez, N.; Agarwalla, A.; Ravi, B.; Cvetanovich, G. L.; Veillette, C. J.; Verma, N. N.; Romeo, A. A.	Elective Shoulder Surgery in the Opioid Naive: Rates of and Risk Factors for Long-term Postoperative Opioid Use	2019	Not a randomized controlled trial
Letafatkar, A.; Rabiei, P.; Kazempour, S.; Alaei-Parapari, S.	Comparing the effects of no intervention with therapeutic exercise, and exercise with additional Kinesio tape in patients with shoulder impingement syndrome. A three-arm randomized controlled trial	2021	Non-surgical population and not relevant to PICO 3 or 6
Levigne, C.; Chelli, M.; Johnston, T. R.; Trojani, M. C.; Mole, D.; Walch, G.; Boileau, P.	Reverse shoulder arthroplasty in rheumatoid arthritis: survival and outcomes	2021	irrelevant population: rheumatoid arthritis; no relevant comparisons
Levin, J. M.; Bokshan, S.; Roche, C. P.; Zuckerman, J. D.; Wright, T.; Flurin, P. H.; Klifto, C. S.; Anakwenze, O.	Reverse shoulder arthroplasty with and without baseplate wedge augmentation in the setting of glenoid deformity and rotator cuff deficiency-a multicenter investigation	2022	unclear population: rotator cuff arthropathy or unspecified rotator cuff tear
Levin, J. M.; Hurley, E.; Colasanti, C. A.; Roche, C. P.; Chalmers, P. N.; Zuckerman, J. D.; Wright, T.; Flurin, P. H.; Anakwenze, O.; Klifto, C. S.	Utility of Superior Augments in Reverse Shoulder Arthroplasty (Exactech, Equinoxe GPS) without Significant Glenoid Deformity	2024	tear type not specified between with/without OA

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Levin, J. M.; Wickman, J.; Lazarides, A. L.; Cunningham, D. J.; Goltz, D. E.; Mather, R. C.; Anakwenze, O.; Lassiter, T. E.; Klifto, C. S.	Is Advanced Imaging to Assess Rotator Cuff Integrity Before Shoulder Arthroplasty Cost-effective? A Decision Modeling Study	2022	Cost Analysis
Levine, W. N.; Munoz, J.; Hsu, S.; Byram, I. R.; Bigliani, L. U.; Ahmad, C. S.; Kongmalai, P.; Shillingford, J. N.	Subscapularis tenotomy versus lesser tuberosity osteotomy during total shoulder arthroplasty for primary osteoarthritis: a prospective, randomized controlled trial	2019	irrelevant population; primary osteoarthritis without RC tear
Levy, J. C.; Berglund, D.; Vakharia, R.; DeVito, P.; Tahal, D. S.; Mijc, D.; Ameri, B.	Primary Monoblock Inset Reverse Shoulder Arthroplasty Resulted in Decreased Pain and Improved Function	2019	Mixed Population w/o Stratification; Tear Type Unspecified (see extended note)
Levy, K. H.; White, C. A.; Pujari, A.; Patel, A. V.; Kator, J. L.; Parsons, B. O.; Galatz, L. M.; Cagle, P. J.	Subacromial Balloon Spacer Implantation Is a Promising Alternative for Patients With Massive Irreparable Rotator Cuff Tears: A Systematic Review	2023	systematic review
Lewis, C.; Wahlstrom, J.; Mukka, S.; Liv, P.; Jarvholm, B.; Jackson, J. A.	Surgery for subacromial impingement syndrome and occupational biomechanical risk factors in a 16-year prospective study among male construction workers	2023	No rotator cuff tears specified, patients had SIS.
Li, C.; Alike, Y.; Hou, J.; Long, Y.; Zheng, Z.; Meng, K.; Yang, R.	Machine learning model successfully identifies important clinical features for predicting outpatients with rotator cuff tears	2023	Irrelevant Topic: Machine Learning for Diagnosis
Li, C.; Zhang, H.; Bo, X.; Zha, G.; Pang, Y.; Zheng, X.; Chen, X.; Guo, K.	Arthroscopic release combined with single-row fixation or double-row suture bridge fixation in patients with traumatic supraspinatus tear and adhesive capsulitis non-responsive to conservative management: A prospective randomized trial	2021	Irrelevant Population: Pts have both RCT and Adhesive Capsulitis
Li, H.; Chen, Y.; Chen, J.; Hua, Y.; Chen, S.	Large Critical Shoulder Angle Has Higher Risk of Tendon Retear After Arthroscopic Rotator Cuff Repair	2018	irrelevant comparison: large CSA vs. low CSA
Li, H.; Yoon, S. H.; Lee, D.; Chung, H.	Relation between preoperative electromyographic activity of the deltoid and upper trapezius muscle and clinical results in patients treated with reverse shoulder arthroplasty	2020	no comparison group
Li, J.; Jiang, L.; Zhou, X.; Wu, L.; Li, D.; Chen, G.	The association between Interleukin-6 rs1800795/rs1800797 polymorphisms and risk of rotator cuff tear in a Chinese population	2020	Irrelevant Topic: Association of Polymorphisms and Risk of RC Tear
Li, L.; Bokshan, S. L.; Mehta, S. R.; Owens, B. D.	Disparities in Cost and Access by Caseload for Arthroscopic Rotator Cuff Repair: An Analysis of 18,616 Cases	2019	cost analysis
Li, L.; Bokshan, S. L.; Ready, L. V.; Owens, B. D.	The primary cost drivers of arthroscopic rotator cuff repair surgery: a cost-minimization analysis of 40,618 cases	2019	cost analysis

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Li, L.; Dong, J.; Li, Q.; Dong, J.; Wang, B.; Zhou, D.; Liu, F.	MRA improves sensitivity than MRI for the articular-sided partial-thickness rotator cuff tears	2021	systematic review
Li, S.; Sun, H.; Luo, X.; Wang, K.; Wu, G.; Zhou, J.; Wang, P.; Sun, X.	The clinical effect of rehabilitation following arthroscopic rotator cuff repair: A meta-analysis of early versus delayed passive motion	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Li, W. F.; Shakir, T. M.; Zhao, Y.; Chen, T.; Niu, C.; Wang, Z.	An evidence-based approach to assess the accuracy of MRI in diagnosing rotator cuff tears: A systematic review and meta-analysis	2019	systematic review, bib review complete
Li, X.; Jiang, H. Y.; Zhao, Y. J.; Liu, S. Z.; Pan, L. X.	Early clinical efficacy analysis of enhanced recovery following surgery combined with interscalene brachial plexus block for arthroscopic rotator cuff repair	2023	irrelevant topic: ERAS vs. no ERAs; all postop rehab was the same btwn groups
Li, X.; Xiao, Y.; Shu, H.; Sun, X.; Nie, M.	Risk Factors and Corresponding Management for Suture Anchor Pullout during Arthroscopic Rotator Cuff Repair	2022	systematic review
Li, Y.; Li, T.; Li, J.; Tang, X.; Li, R.; Xiong, Y.	Platelet-Rich Plasma Has Better Results for Retear Rate, Pain, and Outcome Than Platelet-Rich Fibrin After Rotator Cuff Repair: A Systematic Review and Meta-analysis of Randomized Controlled Trials	2022	systematic review
Li, Y.; Shen, Z.; Wang, H.; Feng, T.; Xia, Y.	Efficacy of liposomal bupivacaine for pain control in shoulder surgery: a systematic review and meta-analysis	2022	systematic review
Li, Y.; Xu, Y.; Xu, L.; Li, T.; Li, R.; Tang, X.	Short-term safety and effectiveness of domestic polyether-ether-ketone suture anchors for rotator cuff repair: a multicenter, randomized, single-blind, parallel-controlled noninferiority study	2022	Not in English (only abstract presented in English)
Li, Z.; Hu, G.; Zhu, Y.; Xu, F.; Ye, J.; Guan, J.; Guan, H.	Factors Associated with Shoulder Range of Motion After Arthroscopic Rotator Cuff Repair: A Hospital-Based Prospective Study	2022	Inadequate follow-up time - no adverse events reporting
Li, Z.; Zhang, Y.	Efficacy of bone marrow stimulation in arthroscopic repair of full thickness rotator cuff tears: a meta-analysis	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Liaghat, B.; Pedersen, J. R.; Husted, R. S.; Pedersen, L. L.; Thorborg, K.; Juhl, C. B.	Diagnosis, prevention and treatment of common shoulder injuries in sport: grading the evidence - a statement paper commissioned by the Danish Society of Sports Physical Therapy (DSSF)	2023	Systematic Review
Liaghat, B.; Ussing, A.; Petersen, B. H.; Andersen, H. K.; Barfod, K. W.; Jensen, M. B.; Hoegh, M.; Tarp, S.; Juul-Kristensen, B.; Brorson, S.	Supervised Training Compared With No Training or Self-training in Patients With Subacromial Pain Syndrome: A Systematic Review and Meta-analysis	2021	systematic review

Authors	Article Title	Year	Reason for Exclusion
Liang, J.; Jia, N.; Zhang, F.; HuadongZhang.; Ling, R.; Liu, Y.; Li, G.; Li, D.; Yin, Y.; Shao, H.; Zhang, H.; Qiu, B.; Fang, X.; Wang, D.; Zeng, Q.; Chen, J.; Zhang, D.; Mei, L.; Liu, Y.; Liu, J.; Zhang, C.; Li, T.; Li, Y.; Tao, H.; Luo, H.; Wang, R.; Wang, Z.	Shoulder work-related musculoskeletal disorders and related factors of workers in 15 industries of China: a cross-sectional study	2022	Irrelevant Topic: Prevalence of work-related musculoskeletal disorders
Liang, J.; Liang, Q.; Wang, X.; Yang, Z.; Liu, T.; Zhang, B.; Yang, X.; Fang, S.; Daoji, C.; Yun, X.; Jiang, J.	Delamination of rotator cuff tears impairs healing after repair: a systematic review and meta-analysis	2023	Systematic Review; Bib Review Completed
Liang, J.; Liang, Q.; Wang, X.; Yun, X.	Perioperative glycemic control reduces the risk of retear in diabetic patients following arthroscopic rotator cuff repair: A meta-analysis	2024	Systematic Review, Bib Review Complete
Liang, W.; Wu, H.; Dong, F.; Tian, H.; Xu, J.	Diagnostic performance of ultrasound for rotator cuff tears: a systematic review and meta-analysis	2020	systematic review
Liao, Y. T.; Li, H. S.; Li, Y.; Tang, K. L.; Li, J.; Zhou, B. H.	Revascularization character of autologous fascia lata graft following shoulder superior capsule reconstruction by enhanced magnetic resonance imaging	2022	No comparison group- all patients underwent ASCR with autologous fascia lata grafts
Liechti, D. J.; Shepet, K. H.; Glener, J. E.; Neumann, E. J.; Sraj, S.	A Systematic Review of Acute Irreducible Shoulder Dislocations in the 21st Century	2022	systematic review
Lim, J. A.; Sung, S. Y.; Lee, J. H.; Lee, S. Y.; Kwak, S. G.; Ryu, T.; Roh, W. S.	Comparison of ultrasound-guided and nerve stimulator-guided interscalene blocks as a sole anesthesia in shoulder arthroscopic rotator cuff repair: A retrospective study	2020	not an RCT for PICO 12
Lim, J. W.; Liow, M. H.; Tan, A. H. C.	Post-operative non-steroidal anti-inflammatory drugs do not affect clinical outcomes of rotator cuff repair	2020	not an RCT; less than 10 cases in group 2 (6 cases) and group 3 (7 cases)
Lim, S.; Kim, S. K.; Kim, Y. S.	Comparison between SLAP Repair and Biceps Tenodesis with Concomitant Rotator Cuff Repair in Patients Older than 45 Years: Minimum 2-Year Clinical and Imaging Outcomes	2020	irrelevant comparison; RCR w/ biceps tenodesis vs. RCR w/ SLAP repair- repairable tears
Lim, T. K.; Bae, K. H.; Choi, Y. S.; Kim, J. H.; Yoo, J. C.	Clinical outcome and repair integrity after arthroscopic rotator cuff repair significantly improved during the surgeon's learning curve	2021	irrelevant comparison: first 100 cases of new surgeon vs. next 100 cases
Lin, C. L.; Chen, Y. W.; Lin, L. F.; Chen, C. P.; Liou, T. H.; Huang, S. W.	Accuracy of the Critical Shoulder Angle for Predicting Rotator Cuff Tears in Patients With Nontraumatic Shoulder Pain	2020	Non-surgical population and not relevant to PICO 3 or 6;
Lin, C. L.; Lin, L. F.; Hsu, T. H.; Lin, L. C.; Lin, C. H.; Huang, S. W.	Acromioplasty reduces critical shoulder angle in patients with rotator cuff tear	2021	Irrelevant Comparison: Critical Shoulder Angle > 38 degrees vs. CSA < 38 degrees

Authors	Article Title	Year	Reason for Exclusion
Lin, C. Y.; Huang, S. C.; Tzou, S. J.; Yin, C. H.; Chen, J. S.; Chen, Y. S.; Chang, S. T.	A Positive Correlation between Steroid Injections and Cuff Tendon Tears: A Cohort Study Using a Clinical Database	2022	unclear patient population: any shoulder disease
Lin, H. T.; Li, Y. I.; Hu, W. P.; Huang, C. C.; Du, Y. C.	A scoping review of the efficacy of virtual reality and exergaming on patients of musculoskeletal system disorder	2019	Systematic review
Lin, J.; Sun, Y.; Chen, Q.; Liu, S.; Ding, Z.; Chen, J.	Outcome Comparison of Graft Bridging and Superior Capsule Reconstruction for Large to Massive Rotator Cuff Tears: A Systematic Review	2020	systematic review
Lin, K. M.; Frey, C. S.; Atzmon, R.; Pierre, K.; Vel, M. S.; Sherman, S. L.	Orthobiologic Techniques for Surgical Augmentation	2023	systematic review
Lin, L.; Yan, H.	Fully Arthroscopic Pectoralis Minor Tendon Transfer with Bone Fragment for Irreparable Subscapularis Tears	2023	Technique Description
Lin, L.; Yan, H.; Xiao, J.; Ao, Y.; Cui, G.	Internal rotation resistance test at abduction and external rotation: a new clinical test for diagnosing subscapularis lesions	2015	Appraised as Low Quality
Lin, L.; Zhang, L.; Cui, G.; Yan, H.	The prevalence, classification, radiological and arthroscopic findings of intratendinous subscapularis tears	2023	no outcomes of interest, no reference standard
Lin, M. T.; Chiang, C. F.; Wu, C. H.; Huang, Y. T.; Tu, Y. K.; Wang, T. G.	Comparative Effectiveness of Injection Therapies in Rotator Cuff Tendinopathy: A Systematic Review, Pairwise and Network Meta-analysis of Randomized Controlled Trials	2019	systematic review
Lin, M. T.; Wei, K. C.; Wu, C. H.	Effectiveness of Platelet-Rich Plasma Injection in Rotator Cuff Tendinopathy: A Systematic Review and Meta-Analysis of Randomized Controlled Trials	2020	systematic review, bib review complete
Lin, T. Y.; Chang, K. V.; Wu, W. T.; Ozcakar, L.	A systematic review on sonoelastography for rotator-cuff post-repair assessment	2024	Systematic Review; Bib Review Completed
Lin, T. Y.; Shen, P. C.; Chang, K. V.; Wu, W. T.; Ozcakar, L.	Shoulder ultrasound imaging in the post-stroke population: a systematic review and meta-analysis	2023	Systematic Review
Lin, Y. H.; Chiou, H. J.; Wang, H. K.; Lai, Y. C.; Chou, Y. H.; Chang, C. Y.	Comparison of the analgesic effect of xylocaine only with xylocaine and corticosteroid injection after ultrasonographically-guided percutaneous treatment for rotator cuff calcific tendonosis	2015	irrelevant comparison: no opioids
Lin, Y.; Zhao, J.; Qiu, H.; Huang, Y.	Comparison of arthroscopic single-row and double-row repair in the treatment of rotator cuff tears: A protocol of cohort analysis	2020	Study Protocol, no results/outcomes
Lindbloom, B. J.; Christmas, K. N.; Downes, K.; Simon, P.; McLendon, P. B.; Hess, A. V., 2nd;	Is there a relationship between preoperative diagnosis and clinical outcomes in reverse shoulder arthroplasty? An experience in 699 shoulders	2019	irrelevant comparisons by diagnosis

Authors	Article Title	Year	Reason for Exclusion
Mighell, M. A.; Frankle, M. A.			
Linderman, S. E.; Johnson, J. E.; Anderson, D. D.; Patterson, B. M.	Influence of subscapularis stiffness with glenosphere lateralization on physiological external rotation limits after reverse shoulder arthroplasty	2021	Not a human subject study; biomechanical study of a finite model
Linker, J. A.; Eberlin, C. T.; Naessig, S. A.; Rudisill, S. S.; Kucharik, M. P.; Cherian, N. J.; Best, M. J.; Martin, S. D.	Racial disparities in arthroscopic rotator cuff repair: an analysis of utilization and perioperative outcomes	2023	Tear type was unspecified
Lisinski, P.; Huber, J.; Wilkosz, P.; Witkowska, A.; Wytrazek, M.; Samborski, W.; Zagloba, A.	Supervised versus uncontrolled rehabilitation of patients after rotator cuff repair-clinical and neurophysiological comparative study	2012	Duplicate to AAOS ID 15209 (which was included and extracted)
Liu, B.; Ge, D.; Shan, Y.; Li, Y.; Lv, J.; Gan, S.	The Value of Percutaneous Ultrasound-Guided Subacromial Bursography for Rotator Cuff Tear in Elderly Patients with Shoulder Pain	2023	Low Quality upon Appraisal - Keeping only Moderates and Highs for PICO 3
Liu, B.; Jeong, H. J.; Yeo, J. H.; Oh, J. H.	Efficacy of Intraoperative Platelet-Rich Plasma Augmentation and Postoperative Platelet-Rich Plasma Booster Injection for Rotator Cuff Healing: A Randomized Controlled Clinical Trial	2021	includes 10% patients with osteoarthritis- does not stratify results
Liu, B.; Kim, J. U.; Kim, Y. K.; Jeong, H. J.; Oh, J. H.	Clinical outcomes of reverse shoulder arthroplasty and rotator cuff repair in patients with massive rotator cuff tears without osteoarthritis: comparison using propensity score matching	2022	Irrelevant Comparison: Complete RCR vs. RSA
Liu, C. T.; Miao, J. Q.; Wang, H.; An Ge, H.; Wang, X. H.; Cheng, B.	The association between acromial anatomy and articular-sided partial thickness of rotator cuff tears	2021	irrelevant topic: acromial anatomy and partial tears
Liu, E. Y.; Kord, D.; Horner, N. S.; Leroux, T.; Alolabi, B.; Khan, M.	Stemless anatomic total shoulder arthroplasty: a systematic review and meta-analysis	2020	systematic review
Liu, E. Y.; Kord, D.; Yee, N. J.; Horner, N. S.; Al Mana, L.; Leroux, T.; Alolabi, B.; Khan, M.	Stemless reverse total shoulder arthroplasty: a systematic review of short- and mid-term results	2021	Systematic Review; Bib Review Completed
Liu, F.; Cheng, X.; Dong, J.; Zhou, D.; Han, S.; Yang, Y.	Comparison of MRI and MRA for the diagnosis of rotator cuff tears: A meta-analysis	2020	systematic review
Liu, F.; Dong, J.; Kang, Q.; Zhou, D.; Xiong, F.	Subacromial balloon spacer implantation for patients with massive irreparable rotator cuff tears achieves satisfactory clinical outcomes in the short and middle of follow-up period: a meta-analysis	2021	systematic review
Liu, F.; Dong, J.; Shen, W. J.; Kang, Q.; Zhou, D.; Xiong, F.	Detecting Rotator Cuff Tears: A Network Meta-analysis of 144 Diagnostic Studies	2020	systematic review

Authors	Article Title	Year	Reason for Exclusion
Liu, F.; Meng, Q.; Yin, H.; Yan, Z.	Stem Cells in Rotator Cuff Injuries and Reconstructions: A Systematic Review and Meta-Analysis	2019	systematic review
Liu, G.; Li, W.; Zhang, L.; Zhou, C.; Cong, R.	The role of vitamin D on rotator cuff tear with osteoporosis	2022	No Relevant Risk Factors or Outcomes
Liu, H. X.; Xu, X. X.; Xu, D. L.; Hu, Y. Z.; Pan, X. Y.; Yu, Z.; Xu, Y. J.	The acromion-greater tuberosity impingement index: A new radiographic measurement and its association with rotator cuff pathology	2020	no relevant outcomes
Liu, H.; Huang, T. C.; Yu, H.; Wang, Y.; Wang, D.; Long, Z.	Total shoulder arthroplasty versus reverse total shoulder arthroplasty: Outcome comparison in osteoarthritis patients with or without concurrent rotator cuff deficiency	2022	irrelevant population: OA w/ or w/o rotator cuff deficiency
Liu, J.; Sai-Chuen Hui, S.; Yang, Y.; Rong, X.; Zhang, R.	Effectiveness of Home-Based Exercise for Nonspecific Shoulder Pain: A Systematic Review and Meta-analysis	2022	systematic review
Liu, Q.; Zhang, J.; Xu, C.; Jiang, L.; Jiang, W.	Clinical outcomes of two techniques in repairing rotator cuff tear: traditional double row vs. suture bridge	2018	Letter to the editor
Liu, S. H.; Ling, K.; Loyst, R. A.; Al-Humadi, S.; Komatsu, D. E.; Wang, E. D.	Preoperative thrombocytopenia and thrombocytosis predict complications after arthroscopic rotator cuff repair	2024	Tear type was unspecified; irrelevant risk factor: preop platelet count
Liu, S.; Chen, L.; Shi, Q.; Fang, Y.; Da, W.; Xue, C.; Li, X.	Efficacy of manual therapy on shoulder pain and function in patients with rotator cuff injury: A systematic review and meta-analysis	2024	Systematic Review; Bib Review Completed
Liu, S.; Cui, B.; Liang, C.	Rehabilitation strategies and magnetic resonance imaging techniques for shoulder injuries in sports	2024	Non-surgical population and not relevant to PICO 3 or 6
Liu, S.; Xie, Y.; Chen, Q.; Sun, Y.; Ding, Z.; Zhang, Y.; Chen, S.; Chen, J.	Tendon Healing Progression Evaluated With Magnetic Resonance Imaging Signal Intensity and Its Correlation With Clinical Outcomes Within 1 Year After Rotator Cuff Repair With the Suture-Bridge Technique	2020	irrelevant comparison group: healthy controls (n=6)
Liu, T.; Zhang, M.; Yang, Z.; Zhang, B.; Jiang, J.; Yun, X.	Does the critical shoulder angle influence retear and functional outcome after arthroscopic rotator cuff repair? A systematic review and meta-analysis	2023	systematic review
Liu, W.; Lin, B.; Yao, H.; Chen, Z.; Hu, Y.	Effects of Sodium Hyaluronate in the Treatment of Rotator Cuff Lesions: A Systematic Review and Meta-analysis	2022	systematic review
Liu, X. N.; Noh, Y. M.; Yang, C. J.; Kim, J. U.; Chung, M. H.; Noh, K. C.	Effects of a Single-Dose Interscalene Block on Pain and Stress Biomarkers in Patients Undergoing Arthroscopic Rotator Cuff Repair: A Randomized Controlled Trial	2017	Irrelevant Comparison: SISB w/ GA vs. GA Alone
Liu, Y. C.; Huang, S. W.; Adams, C. R.; Lin, C. Y.; Chen, Y. P.; Kuo, Y. J.; Chuang, T. Y.	Preoperative handgrip strength can predict early postoperative shoulder function in patients undergoing arthroscopic rotator cuff repair	2024	inadequate follow-up time (6 months); no adverse events

Authors	Article Title	Year	Reason for Exclusion
Liu, Y. F.; Hong, C. K.; Hsu, K. L.; Kuan, F. C.; Chen, Y.; Yeh, M. L.; Su, W. R.	Intravenous Administration of Tranexamic Acid Significantly Improved Clarity of the Visual Field in Arthroscopic Shoulder Surgery. A Prospective, Double-Blind, and Randomized Controlled Trial	2020	irrelevant comparison: intravenous tranexamic acid vs. placebo before RC Repair
Liu, Y. L.; Ao, Y. F.; Yan, H.; Cui, G. Q.	The Hug-Up test: A new, sensitive diagnostic test for supraspinatus tears	2016	Identical Record to AAOS ID 15114
Liu, Z.; Wen, B.; Wang, Z.; Wang, K.; Xie, L.; Kang, Y.; Tao, Q.; Wang, W.; Zhang, Y.; Cheng, J.; Zhang, Y.	Deep learning-based reconstruction enhances image quality and improves diagnosis in magnetic resonance imaging of the shoulder joint	2024	irrelevant topic: deep learning for diagnosis; no RC tears
Livesey, M. G.; Bains, S. S.; Weir, T. B.; Kolakowski, L.; Rocca, M. S.; Remily, E. A.; Gilotra, M. N.; Hasan, S. A.	Does timing matter? The effect of preoperative smoking cessation on the risk of infection or revision following rotator cuff repair	2023	Tear type was unspecified
Livesey, M.; Horneff, J. G., 3rd; Sholder, D.; Lazarus, M.; Williams, G.; Namdari, S.	Functional Outcomes and Predictors of Failure After Rotator Cuff Repair During Total Shoulder Arthroplasty	2018	Mixed Population w/o Stratification: partial and full thickness tears
Livingstone, A.; Asaid, R.; Moaveni, A. K.	Is routine distal clavicle resection necessary in rotator cuff repair surgery? A systematic review and meta-analysis	2019	systematic review
Lizzio, V. A.; James, C. L.; Pietroski, A. D.; Kuhlmann, N. A.; Franovic, S.; Warren, J. R.; Muh, S. J.	Characterizing preoperative expectations for patients undergoing reverse total shoulder arthroplasty	2022	No comparison group
Lloyd, G.; Day, J.; Lu, J.; Lincoln, A.; Attanasio, S.; Svoboda, S.	Postoperative Rehabilitation of Anterior Glenohumeral Joint Instability Surgery: A Systematic Review	2021	systematic review
Lo, C. N.; Leung, B. P. L.; Ngai, S. P. C.	The Usefulness of Serological Inflammatory Markers in Patients with Rotator Cuff Disease-A Systematic Review	2022	Systematic Review
Loescher, J.; Guthmann, R.; Auten, B.	Platelet-rich plasma injection for rotator cuff disease	2020	Systematic Review
Loew, M.; Doustdar, S.; Drath, C.; Weber, M. A.; Bruckner, T.; Porschke, F.; Raiss, P.; Schiltenswolf, M.; Almansour, H.; Akbar, M.	Could long-term overhead load in painters be associated with rotator cuff lesions? A pilot study	2019	Non-surgical population and not relevant to PICO 3 or 6
Loew, M.; Schnetzke, M.; Kappes, S.; Bruckner, T.; Nolte, A. K.	Complications and revisions in anatomic and reverse short stem shoulder arthroplasty	2023	No comparison for cuff tears - all participants with tears were put in RSA group

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Lohre, R.; Swanson, D. P.; Mahendraraj, K. A.; Elmallah, R.; Glass, E. A.; Dunn, W. R.; Cannon, D. J.; Friedman, L. G.; Gaudette, J. A.; Green, J.; Grobaty, L.; Gutman, M.; Kakalecik, J.; Kloby, M. A.; Konrade, E. N.; Knack, M. C.; Loveland, A.; Mathew, J. I.; Myhre, L.; Nyfeler, J.; Parsell, D. E.; Pazik, M.; Polisetty, T. S.; Ponnuru, P.; Smith, K. M.; Sprengel, K. A.; Thakar, O.; Turnbull, L.; Vaughan, A.; Wheelwright, J. C.; Abboud, J.; Armstrong, A.; Austin, L.; Brolin, T.; Entezari, V.; Ga	Predictors of Dislocations after Reverse Shoulder Arthroplasty: A study by the ASES Complications of RSA Multicenter Research Group	2023	Mixed Population w/o Stratification: fracture nonunion, RC arthropathy and glenohumeral arthritis
Longo, D.; Branchi, E.; Matucci-Cerinic, P.; Bagni, M. A.; Matucci-Cerinic, M.; Melchiorre, D.	Shoulder impingement syndrome in water polo players: muscle shortening manoeuvre controls pain intensity, recovers function and normalizes sonographic parameters	2022	Non-surgical population and not relevant to PICO 3 or 6
Longo, U. G.; Berton, A.; De Salvatore, S.; Piergentili, I.; Casciani, E.; Faldetta, A.; De Marinis, M. G.; Denaro, V.	Minimal Clinically Important Difference and Patient Acceptable Symptom State for the Pittsburgh Sleep Quality Index in Patients Who Underwent Rotator Cuff Tear Repair	2021	no comparison group; no risk factors assessed; inadequate follow-up time - no adverse events reporting
Longo, U. G.; Berton, A.; Risi Ambrogioni, L.; Lo Presti, D.; Carnevale, A.; Candela, V.; Stelitano, G.; Schena, E.; Nazarian, A.; Denaro, V.	Cost-Effectiveness of Supervised versus Unsupervised Rehabilitation for Rotator-Cuff Repair: Systematic Review and Meta-Analysis	2020	systematic review, bib review complete
Longo, U. G.; Candela, V.; Berton, A.; Salvatore, G.; Guarnieri, A.; DeAngelis, J.; Nazarian, A.; Denaro, V.	Genetic basis of rotator cuff injury: a systematic review	2019	Systematic Review of Irrelevant Topic (Genetic Basis of RC)
Longo, U. G.; Carnevale, A.; Piergentili, I.; Berton, A.; Candela, V.; Schena, E.; Denaro, V.	Retear rates after rotator cuff surgery: a systematic review and meta-analysis	2021	systematic review, bib review complete
Longo, U. G.; De Salvatore, S.; Carnevale, A.; Tecce, S. M.; Bandini, B.; Lalli, A.; Schena, E.; Denaro, V.	Optical Motion Capture Systems for 3D Kinematic Analysis in Patients with Shoulder Disorders	2022	systematic review

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Longo, U. G.; De Salvatore, S.; Piergentili, I.; Lalli, A.; Bandini, B.; Denaro, V.	Minimum Clinically Important Difference (MCID) and Patient Acceptable Symptomatic State (PASS) Applied to the SF-36 in Patients Who Underwent Arthroscopic Rotator Cuff Repair	2023	no comparison group
Longo, U. G.; Facchinetti, G.; Marchetti, A.; Candela, V.; Risi Ambrogioni, L.; Faldetta, A.; De Marinis, M. G.; Denaro, V.	Sleep Disturbance and Rotator Cuff Tears: A Systematic Review	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Longo, U. G.; Gulotta, L. V.; De Salvatore, S.; Berton, A.; Piergentili, I.; Bandini, B.; Lalli, A.; Denaro, V.	The Role of Humeral Neck-Shaft Angle in Reverse Total Shoulder Arthroplasty: 155degree versus <155degree-A Systematic Review	2022	Systematic Review
Longo, U. G.; Lalli, A.; Medina, G.; Maffulli, N.	Conservative Management of Partial Thickness Rotator Cuff Tears: A Systematic Review	2023	Systematic Review; Bib Review Completed
Longo, U. G.; Mazzola, A.; Carotti, S.; Francesconi, M.; Catapano, S.; Magri, F.; Perrone, G.; Morini, S.; De Salvatore, S.; Denaro, V.	The role of estrogen and progesterone receptors in the rotator cuff disease: a retrospective cohort study	2021	Irrelevant Topic: Immunohistochemical Expression for RC Tendinopathy
Longo, U. G.; Mazzola, A.; Magri, F.; Catapano, S.; De Salvatore, S.; Carotti, S.; Denaro, V.	Histological, radiological and clinical analysis of the supraspinatus tendon and muscle in rotator cuff tears	2023	irrelevant topic: histological and clinical analysis of supraspinatus
Longo, U. G.; Papalia, R.; Castagna, A.; De Salvatore, S.; Guerra, E.; Piergentili, I.; Denaro, V.	Shoulder replacement: an epidemiological nationwide study from 2009 to 2019	2022	cost analysis
Longo, U. G.; Papalia, R.; Ciapini, G.; De Salvatore, S.; Casciaro, C.; Ferrari, E.; Cosseddu, F.; Novi, M.; Piergentili, I.; Parchi, P.; Scaglione, M.; Denaro, V.	Instability Severity Index Score Does Not Predict the Risk of Shoulder Dislocation after a First Episode Treated Conservatively	2021	No Comparison Group; Irrelevant Population (see extended note)
Longo, U. G.; Petrillo, S.; Candela, V.; Rizzello, G.; Loppini, M.; Maffulli, N.; Denaro, V.	Arthroscopic rotator cuff repair with and without subacromial decompression is safe and effective: a clinical study	2020	not a randomized controlled trial for PICO 2
Longo, U. G.; Risi Ambrogioni, L.; Berton, A.; Candela, V.; Carnevale, A.; Schena, E.; Gugliemelli, E.; Denaro, V.	Physical therapy and precision rehabilitation in shoulder rotator cuff disease	2020	systematic review

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Longo, U. G.; Risi Ambrogioni, L.; Berton, A.; Candela, V.; Massaroni, C.; Carnevale, A.; Stelitano, G.; Scheda, E.; Nazarian, A.; DeAngelis, J.; Denaro, V.	Scapular Dyskinesia: From Basic Science to Ultimate Treatment	2020	Systematic Review
Longo, U. G.; Risi Ambrogioni, L.; Berton, A.; Candela, V.; Migliorini, F.; Carnevale, A.; Scheda, E.; Nazarian, A.; DeAngelis, J.; Denaro, V.	Conservative versus accelerated rehabilitation after rotator cuff repair: a systematic review and meta-analysis	2021	Systematic Review; Bib Review Completed
Longo, U. G.; Risi Ambrogioni, L.; Candela, V.; Berton, A.; Carnevale, A.; Scheda, E.; Denaro, V.	Conservative versus surgical management for patients with rotator cuff tears: a systematic review and META-analysis	2021	systematic review, bib review complete
Longo, U. G.; Rizzello, G.; Petrillo, S.; Loppini, M.; Maffulli, N.; Denaro, V.	Conservative Rehabilitation Provides Superior Clinical Results Compared to Early Aggressive Rehabilitation for Rotator Cuff Repair: A Retrospective Comparative Study	2019	Not a randomized controlled trial; PICO 4 is RCT only update
Longstaffe, R.; Adams, K.; Thigpen, C.; Pill, S.; Rush, L.; Alexander, R.; Hall, T. M.; Siffri, P.; Kwapisz, A.; Hawkins, R.; Tokish, J. M.; Kissenberth, M.; Tolan, S.	Is residual tendon a predictor of outcome following arthroscopic rotator cuff repair? A preliminary outlook at short-term follow-up	2020	irrelevant comparison by intraop tendon length
Loock, E.; Michelet, A.; D'Utruy, A.; Molinazzi, P.; Hannink, G.; Bertiaux, S.; Courage, O.	Magnetic resonance arthrography is insufficiently accurate to diagnose biceps lesions prior to rotator cuff repair	2019	irrelevant topic: diagnosis of LHB lesions/biceps pathology
Lopez, Y.; Marcelo, H.; Arvinus, C.; Rodriguez-Rodriguez, L.; Garcia-Fernandez, C.; Marco, F.	Is fibromyalgia a cause of arthroscopic subacromial decompression failure?	2019	irrelevant population: tendinitis and bursitis without rotator cuff tear
Lopez, Y.; Rodriguez-Gonzalez, A.; Martin-Albarran, S.; Herzog, R.; Garcia-Fernandez, C.; Marco, F.	Neuropathy of the suprascapular and axillary nerves in rotator cuff arthropathy: a prospective electrodiagnostic study	2024	irrelevant population for PICO 8: cuff tear arthropathy
Lorbach, O.; Haupt, A.; Berger, C.; Brockmeyer, M.	Clinical and Structural Results of Rotator Cuff Repair Compared With Rotator Cuff Debridement in Arthroscopic Treatment of Calcifying Tendinitis of the Shoulder	2021	irrelevant population; tendinitis

Authors	Article Title	Year	Reason for Exclusion
Lorentz, N. A.; Hurley, E. T.; Markus, D. H.; Colasanti, C. A.; Campbell, K. A.; Strauss, E. J.; Jazrawi, L. M.	Primary Biceps Tenodesis Is Superior to Revision Following Failed SLAP Repair	2022	Irrelevant topic: Biceps Tenodesis Is Superior to Revision Following Failed SLAP Repair; rotator cuff excluded
Louwerens, J. K.; Claessen, F. M.; Sierevelt, I. N.; Eygendaal, D.; van Noort, A.; van den Bekerom, M. P.	Radiographic assessment of calcifying tendinitis of the rotator cuff : an inter- and intraobserver study	2020	no relevant outcomes: provides only inter-rater agreement
Lowry, V.; Lavigne, P.; Zidarov, D.; Matifat, E.; Cormier, A. A.; Desmeules, F.	A Systematic Review of Clinical Practice Guidelines on the Diagnosis and Management of Various Shoulder Disorders	2023	systematic review
Loyst, R. A.; Ling, K.; Liu, S. H.; Achonu, J. U.; Hance, F.; Komatsu, D. E.; Wang, E. D.	Hypertension and postoperative complications following arthroscopic rotator cuff repair	2023	Tear type was unspecified
Lu, H.; Jin, E.; Xie, H.; Fu, J.; Chen, X.; Liu, W.; Yang, Q.; Yu, F.	Incidence and risk factors of in-hospital prosthesis-related complications following total shoulder arthroplasty	2023	irrelevant population for PICO 8: rotator cuff arthropathy; not stratified by indication
Lu, X.; Sun, H.; Xu, Y.; Cao, X.	The Influence of Diabetes Mellitus on Rotator Cuff Repair: A Systematic Review and Meta-Analysis	2021	systematic review
Lu, Y.; Labott, J. R.; Salmons Iv, H. I.; Gross, B. D.; Barlow, J. D.; Sanchez-Sotelo, J.; Camp, C. L.	Identifying modifiable and nonmodifiable cost drivers of ambulatory rotator cuff repair: a machine learning analysis	2022	cost analysis: predictive modeling?
Lu, Y.; Sun, B.; Yang, G.; Li, S.; Jiang, C.	Arthroscopic Repair Benefits Reparable Rotator Cuff Tear Patients Aged 65 Years or Older With a History of Traumatic Events	2023	irrelevant comparison by symptom duration
Lu, Z.; Nazari, G.; Almeida, P. H.; Pontes, T.; MacDermid, J. C.	The clinical outcome of physiotherapy after reversed shoulder arthroplasty: a systematic review	2022	systematic review
Lui, M.; Shih, W.; Yim, N.; Brandstater, M.; Ashfaq, M.; Tran, D.	Systematic Review and Meta-Analysis of Nonoperative Platelet-Rich Plasma Shoulder Injections for Rotator Cuff Pathology	2021	systematic review
Lukasiewicz, P.; Harris, A. B.; Bervell, J. A.; McFarland, E. G.	Narrative review of influence of prosthesis lateralization on clinical outcomes in reverse shoulder arthroplasty: glenoid vs. humerus vs. combined	2023	Narrative Review
Lundeen, M.; Hurd, J. L.; Hayes, M.; Hayes, M.; Facile, T. R.; Furia, J. P.; Maffulli, N.; Alt, C.; Alt, E. U.; Schmitz, C.; Pearce, D. A.	Management of partial-thickness rotator cuff tears with autologous adipose-derived regenerative cells is safe and more effective than injection of corticosteroid	2023	less than 10 patients per group (n=11; n=5)

Authors	Article Title	Year	Reason for Exclusion
Luo, Z.; Lin, J.; Sun, Y.; Zhu, K.; Wang, C.; Chen, J.	Outcome Comparison of Latissimus Dorsi Transfer and Pectoralis Major Transfer for Irreparable Subscapularis Tendon Tear: A Systematic Review	2022	systematic review
Luster, T. G.; Dean, R. S.; Trasolini, N. A.; Eichinger, J. K.; Parada, S. A.; Ralston, R. K.; Waterman, B. R.	Predictive factors influencing internal rotation following reverse total shoulder arthroplasty	2024	Systematic Review, Bib Review Complete
Luthringer, T. A.; Colasanti, C. A.; Lin, C. C.; Roche, C.; Magone, K. M.; Zuckerman, J. D.	Anatomic total shoulder arthroplasty and reverse total shoulder arthroplasty for dislocation arthropathy yield comparable functional outcomes with the matched cohort	2022	irrelevant comparison: healthy controls; irrelevant population: dislocation arthropathy
Luthringer, T. A.; Kane, L. T.; Vaughn, A. K.; Reddy, Y. C.; Lazarus, M. D.; Namdari, S.	Work-related outcomes of revision rotator cuff repair for patients receiving workers' compensation	2023	No comparison group; irrelevant population (revision RCR) for risk factors
Lv, M.; Xu, Q.; He, F.; Guo, J.; Zheng, Z.; Xie, J.; Wang, W.	Transosseous-Equivalent/Suture Bridge Technique in Combination With Platelet-Rich Plasma Application Yield Optimal Clinical Outcomes in Arthroscopic Rotator Cuff Repair: A Bayesian Network Analysis of Randomized Controlled Trials	2023	systematic review
Ly, A. J.; Reddy, Y. C.; Jain, N. B.; Du, L.; Atem, F.; Khazzam, M.	The role of familial predisposition in imaging-confirmed atraumatic rotator cuff tears	2022	irrelevant topic: risk factors for tears
Lyng, K. D.; Andersen, J. D.; Jensen, S. L.; Olesen, J. L.; Arendt-Nielsen, L.; Madsen, N. K.; Petersen, K. K.	The influence of exercise on clinical pain and pain mechanisms in patients with subacromial pain syndrome	2022	No comparison group; not relevant to PICOs
Lyons, R. P.; Green, A.	Subscapularis tendon tears	2005	Narrative Review
Ma, H. H.; Chen, K. H.; Chiang, E. R.; Chou, T. A.; Ma, H. L.	Does Arthroscopic Suture-Spanning Augmentation of Single-Row Repair Reduce the Retear Rate of Massive Rotator Cuff Tear?	2019	Irrelevant Comparison: Suture-Spanning Augmentation does not fit PICO 9
Ma, H. H.; Huang, C. C.; Chang, M. C.; Chen, W. M.; Huang, T. F.	The efficacy of periarticular injection intraoperatively for mini-open rotator cuff repair: A comparative study	2021	not an RCT, retrospective study
Ma, H. H.; Wu, W. T.; Tsai, I. C.; Chang, K. V.	Does suprascapular nerve release provide additional benefits for rotator cuff repair: a systematic review and meta-analysis	2022	systematic review
Ma, J.; Sahoo, S.; Imrey, P. B.; Jin, Y.; Baker, A. R.; Entezari, V.; Ho, J. C.; Iannotti, J. P.; Ricchetti, E. T.; Polster, J. M.; Winalski, C. S.; Derwin, K. A.	Inter-rater agreement of rotator cuff tendon and muscle magnetic resonance imaging parameters evaluated preoperatively and during the first postoperative year following rotator cuff repair	2021	no relevant outcomes: provides only inter-rater agreement

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Ma, J.; Sahoo, S.; Imrey, P. B.; Jin, Y.; Baker, A. R.; Entezari, V.; Ho, J. C.; Schickendantz, M. S.; Farrow, L. D.; Serna, A.; Iannotti, J. P.; Ricchetti, E. T.; Polster, J. M.; Winalski, C. S.; Derwin, K. A.	Agreement between intraoperative and magnetic resonance imaging assessments of rotator cuff pathology and 2 magnetic resonance imaging-based assessments of supraspinatus muscle atrophy	2022	no outcomes of interest
Ma, M.; Pan, Z.; Lu, L.	Clinical effect of arthroscopic long head of biceps transfer and tenodesis on irreparable rotator cuff tear	2022	No comparison group; 18 total patients
Ma, Q.; Sun, C.; Du, R.; Liu, P.; Wu, S.; Zhang, W.; Fu, L.; Cai, X.	Morphological Characteristics of Acromion and Acromioclavicular Joint in Patients with Shoulder Impingement Syndrome and Related Recommendations: A Three-Dimensional Analysis Based on Multiplanar Reconstruction of Computed Tomography Scans	2021	Irrelevant topic: multiplanar reconstruction of morphology of acromion
Ma, Q.; Sun, C.; Liu, P.; Yu, P.; Cai, X.	The Double-Circle System in the Greater Tuberosity: Using Radius to Predict Rotator Cuff Tear	2022	healthy control group
Ma, X.; Shen, J.; Wan, J.	Impact of obesity on outcomes of rotator cuff repair: A systematic review and meta-analysis	2024	Systematic Review; Bib Review Completed
Maassen, N. H.; Somerson, J. S.	A Majority of Single Versus Double-Row Rotator Cuff Repair Comparisons Fail to Consider Modern Single-Row Techniques: A Systematic Review	2020	systematic review
Macchi, M.; Spezia, M.; Elli, S.; Schiaffini, G.; Chisari, E.	Obesity Increases the Risk of Tendinopathy, Tendon Tear and Rupture, and Postoperative Complications: A Systematic Review of Clinical Studies	2020	systematic review
Macciachera, M.; Siddiqui, S.; Ravichandiran, K.; Khan, M.; Sheth, U.; Abouali, J.	Risk factors for the development of degenerative changes among patients undergoing rotator cuff repair: A systematic review	2022	systematic review, bib review complete
MacDonald, P.; Verhulst, F.; McRae, S.; Old, J.; Stranges, G.; Dubberley, J.; Mascarenhas, R.; Koenig, J.; Leiter, J.; Nassar, M.; Lapner, P.	Biceps Tenodesis Versus Tenotomy in the Treatment of Lesions of the Long Head of the Biceps Tendon in Patients Undergoing Arthroscopic Shoulder Surgery: A Prospective Double-Blinded Randomized Controlled Trial	2020	irrelevant topic; lesions of the long head of the biceps tendon
MacKechnie, M. A.; Chahal, J.; Wasserstein, D.; Theodoropoulos, J. S.; Henry, P.; Dwyer, T.	Repair of full-thickness rotator cuff tears in patients aged younger than 55 years	2014	Paper published before 2017 guideline last search date; systematic review
Macken, A. A.; van der Poel, W. J.; Buijze, G. A.; Beckers, J. J.; Eygendaal, D.; Lafosse, L.; Lafosse, T.	Reverse shoulder arthroplasty with a 155degree neck-shaft angle inlay implant design without reattachment of the subscapularis tendon results in satisfactory functional internal rotation and no instability: a cohort study	2024	mixed population w/o stratification; irrelevant population for PICO 8: arthropathy and revision

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Mackenzie, S. P.; Spasojevic, M.; Smith, M.; Mattern, O.; Piggott, R. P.; Patel, S. S.; Bedaiwy, N.; Cass, B.; Young, A.	The effect of single-dose, preoperative intravenous tranexamic acid on early postoperative pain scores after rotator cuff repair: a double-blind, randomized controlled trial	2022	irrelevant comparison: iv TXA vs. placebo
MacMahon, A.; Nayar, S. K.; Srikumaran, U.	What Do We Know About Shoulder Injury Related to Vaccine Administration? An Updated Systematic Review	2022	Systematic Review
Maestroni, L.; Marelli, M.; Gritti, M.; Civera, F.; Rabey, M.	External rotator strength deficits in non-athletic people with rotator cuff related shoulder pain are not associated with pain intensity or disability levels	2020	irrelevant topic: strength deficits associated with pain intensity
Maestroni, L.; Marelli, M.; Gritti, M.; Civera, F.; Rabey, M.	Is rotator cuff related shoulder pain a multidimensional disorder? An exploratory study	2020	Non-surgical population and not relevant to PICO 3 or 6
Magee, T.	MR versus MR arthrography in detection of supraspinatus tendon tears in patients without previous shoulder surgery	2014	Low Quality upon Appraisal - Keeping only Moderates and Highs for PICO 3
Magone, K. M.; Pines, Y.; Gordon, D.; Ben-Ari, E.; Kwon, Y. W.; Zuckerman, J. D.; Virk, M. S.	Outcomes of reverse shoulder arthroplasty following failed superior capsular reconstruction	2022	tear type not specified; irrelevant population: revision surgery
Maguire, J. A.; Dhillon, J.; Scillia, A. J.; Kraeutler, M. J.	Rotator Cuff Repair With or Without Acromioplasty: A Systematic Review of Randomized Controlled Trials With Outcomes Based on Acromial Type	2024	Systematic Review; Bib Review Completed
Mahatme, R. J.; Modrak, M.; Wilhelm, C.; Lee, M. S.; Owens, J. S.; Gillinov, S. M.; Fong, S.; Pettinelli, N.; Islam, W.; Jimenez, A. E.	Glenohumeral Superior Translation and Subacromial Contract Pressure Are Both Improved With Superior Capsular Reconstruction: A Systematic Review and Meta-Analysis of Biomechanical Investigations	2023	systematic review
Mahendraraj, K. A.; Abboud, J.; Armstrong, A.; Austin, L.; Brolin, T.; Entezari, V.; Friedman, L.; Garrigues, G. E.; Grawe, B.; Gulotta, L.; Gutman, M.; Hart, P. A.; Hobgood, R.; Horneff, J. G.; Iannotti, J.; Khazzam, M.; King, J.; Kloby, M. A.; Knack, M.; Levy, J.; Murthi, A.; Namdari, S.; Okeke, L.; Otto, R.; Parsell, D. E.; Polisetty, T.; Ponnuru, P.; Ricchetti, E.; Tashjian, R.; Throckmorton, T.; Townsend, C.; Wright, M.;	Predictors of acromial and scapular stress fracture after reverse shoulder arthroplasty: a study by the ASES Complications of RSA Multicenter Research Group	2021	mixed population; irrelevant comparison: spine stress fractures vs. no fractures

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Wright, T.; Zimmer, Z.; Menendez, M. E.; Jawa, A.			
Mahure, S. A.; Rokito, A. S.; Kwon, Y. W.	Transcutaneous electrical nerve stimulation for postoperative pain relief after arthroscopic rotator cuff repair: a prospective double-blinded randomized trial	2017	Irrelevant Comparison: TENS vs. Placebo
Maikong, N.; Mahakkanukrauh, P.	Review of suprascapular nerve block under ultrasound-guided: Alternative technique with clinical roles	2021	Systematic review
Maillot, C.; Harly, E.; Domezon, H.; Le Huec, J. C.	Surgical repair of large-to-massive rotator cuff tears seems to be a better option than patch augmentation or debridement and biceps tenotomy: a prospective comparative study	2018	only 9 patients in debridement group
Maillot, C.; Martellotto, A.; Domezon, H.; Harly, E.; Le Huec, J. C.	Multiple Treatment Comparisons for Large and Massive Rotator Cuff Tears: A Network Meta-analysis	2021	systematic review
Maiotti, M.; De Vita, A.; De Benedetto, M.; Cerciello, S.; Massoni, C.; Di Giunta, A.; Raffelini, F.; Lo Cascio, R.; Pirani, P.; Castricini, R.	Clinical outcomes and recurrence rate of 4 procedures for recurrent anterior shoulder instability: ASA, remplissage, open, and arthroscopic Latarjet: a multicenter study	2023	irrelevant population; anterior shoulder instability
Maiotti, M.; Russo, R.; Zanini, A.; Castricini, R.; Castellarin, G.; Schroter, S.; Massoni, C.; Savoie, F. H., 3rd	Bankart Repair With Subscapularis Augmentation in Athletes With Shoulder Hyperlaxity	2021	irrelevant topic: bankart repair for shoulder instability and hyperlaxity
Majidi, L.; Khateri, S.; Nikbakht, N.; Moradi, Y.; Nikoo, M. R.	The effect of extracorporeal shock-wave therapy on pain in patients with various tendinopathies: a systematic review and meta-analysis of randomized control trials	2024	Systematic Review, Bib Review Complete

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Majidi, L.; Saeb, F.; Alaei, B.; Khateri, S.; Ezzati Amini, E.; Nikoo, M. R.	Comparison of the Effectiveness of Local Corticosteroid Injection and Extracorporeal Shockwave Therapy in Patients With Pes Anserine Bursitis: An Open-Label Randomized Clinical Trial	2023	irrelevant population: pes anserine bursitis
Makki, D.; Selmi, H.; Syed, S.; Basu, S.; Walton, M.	How close is the axillary nerve to the inferior glenoid? A magnetic resonance study of normal and arthritic shoulders	2020	irrelevant topic: distance btwn axillary nerve and inferior glenoid
Makovicka, J. L.; Chung, A. S.; Patel, K. A.; Deckey, D. G.; Hassebrock, J. D.; Tokish, J. M.	Superior capsule reconstruction for irreparable rotator cuff tears: a systematic review of biomechanical and clinical outcomes by graft type	2020	systematic review
Malahias, M. A.; Avramidis, G.; Brilakis, E.; Trellopoulos, A.; Antonogiannakis, E.	Non-anatomic arthroscopic repair of massive rotator cuff tears versus anatomic complete arthroscopic repair: a case-control study	2020	Irrelevant Comparison: Partial/Medialized RCR vs. Complete RCR
Malahias, M. A.; Brilakis, E.; Avramidis, G.; Antonogiannakis, E.	Satisfactory mid-term outcome of subacromial balloon spacer for the treatment of irreparable rotator cuff tears	2019	irrelevant comparison: partial repair vs. control (both groups received balloon spacer)
Malahias, M. A.; Brilakis, E.; Chytas, D.; Gerogiannis, D.; Avramidis, G.; Antonogiannakis, E.	Functional Outcomes of Bilateral Reverse Total Shoulder Arthroplasty: A Systematic Review	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Malahias, M. A.; Chytas, D.; Kostretzis, L.; Brilakis, E.; Fandridis, E.; Hantes, M.; Antonogiannakis, E.	Bone grafting in primary and revision reverse total shoulder arthroplasty for the management of glenoid bone loss: A systematic review	2020	systematic review
Malahias, M. A.; Chytas, D.; Kostretzis, L.; Gkiatas, I.; Kokkineli, S.; Antonogiannakis, E.	Arthroscopic anatomic complete versus non-anatomic repair of massive rotator cuff tears: a systematic review of comparative trials	2020	systematic review
Malahias, M. A.; Fandridis, E.; Chytas, D.; Chronopoulos, E.; Brilakis, E.; Antonogiannakis, E.	Arthroscopic versus open Latarjet: a step-by-step comprehensive and systematic review	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Malahias, M. A.; Gerogiannis, D.; Chronopoulos, E.; Kaseta, M. K.; Brilakis, E.; Antonogiannakis, E.	Is subscapularis repair associated with better outcome compared to non-repair in reverse total shoulder arthroplasty? A systematic review of comparative trials	2019	systematic review
Malahias, M. A.; Kostretzis, L.; Chronopoulos, E.; Brilakis, E.; Avramidis, G.; Antonogiannakis, E.	Arthroscopic partial repair for massive rotator cuff tears: does it work? A systematic review	2019	systematic review

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Malavolta, E. A.; Assuncao, J. H.; Andrade-Silva, F. B.; Gracitelli, M. E. C.; Kiyomoto, H. D.; Ferreira Neto, A. A.	Prognostic Factors for Clinical Outcomes After Arthroscopic Rotator Cuff Repair	2023	Both full thickness and partial thickness tears included without stratification for relevant prognostic factors
Malavolta, E. A.; Assuncao, J. H.; Gracitelli, M. E. C.; Yen, T. K.; Bordalo-Rodrigues, M.; Ferreira Neto, A. A.	Accuracy of magnetic resonance imaging (MRI) for subscapularis tear: a systematic review and meta-analysis of diagnostic studies	2019	systematic review
Malavolta, E. A.; Chang, V. Y. P.; Montechi, J. M. N.; Assuncao, J. H.; Gracitelli, M. E. C.; Andrade-Silva, F. B.; Ferreira Neto, A. A.	Does a subscapularis tear combined with a posterosuperior rotator cuff tear affect postoperative functional outcomes?	2020	irrelevant comparison: isolated posterosuperior tear repair vs. repair of combined tear involving subscapularis
Malavolta, E. A.; Sousa, A. C.; Gracitelli, M. E. C.; Assuncao, J. H.; Andrade, E. Silva F. B.; Ferreira Neto, A. A.	Biceps tenotomy or tenodesis in association with rotator cuff repair: is there an influence on functional results? A retrospective cohort study	2022	Irrelevant population: irreparable tears excluded
Malavolta, E. A.; Yamamoto, G. J.; Bussius, D. T.; Assuncao, J. H.; Andrade-Silva, F. B.; Gracitelli, M. E. C.; Ferreira Neto, A. A.	Establishing minimal clinically important difference for the UCLA and ASES scores after rotator cuff repair	2022	Mixed Population w/o Stratification: full and partial thickness tears, no comparison group
Malige, A.; Boyd, A.; Manuputy, I.; Michelin, R.; Itamura, J. M.	A High Rate of Bacteriologic Culture-Positive Findings Is Seen After Revision Rotator Cuff Surgery	2023	mixed population w/o stratification
Malik, A. T.; Sridharan, M.; Bishop, J. Y.; Khan, S. N.; Jones, G. L.; Neviasser, A. S.; Cvetanovich, G. L.	Health Care Utilization and Costs in the Year Prior to Arthroscopic Rotator Cuff Repair	2020	cost analysis
Malik, S. S.; Tahir, M.; Jordan, R. W.; Kwapisz, A.; D'Alessandro, P.; MacDonald, P. B.; Woodmass, J. M.	The effect of tranexamic acid and epinephrine on visual clarity during arthroscopic shoulder surgery: A meta-analysis of RCTs	2024	Systematic Review; Bib Review Completed
Malik, T.; Mass, D.; Cohn, S.	Postoperative Analgesia in a Prolonged Continuous Interscalene Block Versus Single-Shot Block in Outpatient Arthroscopic Rotator Cuff Repair: A Prospective Randomized Study	2016	Irrelevant Comparison: Single Shot Group (SSG) 2.5mg/kg of 0.5% bupivacaine up to 25ml vs. continuous interscalene brachial block group (CG) same dose as a loading dose via catheter followed by an infusion of 0.125% bupivacaine at 5ml/h and a patient controlled bolus of 5ml hourly for 72 hours.

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Malliaras, P.; Johnston, R.; Street, G.; Littlewood, C.; Bennell, K.; Haines, T.; Buchbinder, R.	The Efficacy of Higher Versus Lower Dose Exercise in Rotator Cuff Tendinopathy: A Systematic Review of Randomized Controlled Trials	2020	systematic review
Maman, E.; Kazum, E.; Abboud, J. A.; Zinger, Y.; Factor, S.; Chechik, O.; Dolkart, O.	Biodegradable balloon spacer for massive irreparable rotator cuff tears is associated with improved functional outcomes, low revisions, and complications rate at minimum one year follow-up	2022	No comparison group; secondary surgery
Mandalia, K.; Ames, A.; Parzick, J. C.; Ives, K.; Ross, G.; Shah, S.	Social determinants of health influence clinical outcomes of patients undergoing rotator cuff repair: a systematic review	2023	systematic review
Mandalia, K.; Efremov, K.; Charubhumi, V.; Nin, D.; Niu, R.; Le Breton, S.; Chang, D.; Ives, K.; Smith, E.; Ross, G.; Shah, S.	Incidence of primary anatomic and reverse total shoulder arthroplasty in patients less than 50 years of age and high early revision risk	2023	Mixed Population w/o Stratification (see extended note)
Mandalia, K.; Mousad, A.; Welborn, B.; Bono, O.; Le Breton, S.; MacAskill, M.; Forlizzi, J.; Ives, K.; Ross, G.; Shah, S.	Scaffold- and graft-based biological augmentation of rotator cuff repair: an updated systematic review and meta-analysis of preclinical and clinical studies for 2010-2022	2023	systematic review
Mandava, N. K.; Sethi, P. M.; Routman, H. D.; Liddy, N.; Haidamous, G.; Denard, P. J.	Opioid requirement after rotator cuff repair is low with a multimodal approach to pain	2021	irrelevant comparison: liposomal bupivacaine (LB) interscalene never block (ISNB) vs. standard bupivacaine ISNB (control)
Manderle, B. J.; Gowd, A. K.; Liu, J. N.; Beletsky, A.; Nwachukwu, B. U.; Nicholson, G. P.; Bush-Joseph, C.; Romeo, A. A.; Forsythe, B.; Cole, B. J.; Verma, N. N.	Time Required to Achieve Clinically Significant Outcomes After Arthroscopic Rotator Cuff Repair	2020	no comparison group; mixed population w/o stratification
Mann, M. R.; Plutecki, D.; Janda, P.; Pekala, J.; Malinowski, K.; Walocha, J.; Ghosh, S. K.; Balawender, K.; Pekala, P.	The subscapularis muscle: A meta-analysis of its variations, prevalence, and anatomy	2023	systematic review
Manske, R. C.; Jones, D. W.; Dir, C. E.; LeBlanc, H. K.; Reddy, M. A.; Straka, M. A.; Demel, K.; Prohaska, D.; Mendez, G.; Smith, B.	Grip and shoulder strength correlation with validated outcome instruments in patients with rotator cuff tears	2021	irrelevant topic: correlation of grip/shoulder strength with RC dysfunction
Manzi, J. E.; Kunze, K. N.; Meza, B.; Trauger, N.; Quan, T.; Rauck, R. C.; Carr, J. B.; Dines, J. S.	Decreased Trunk Rotation at Foot Contact in Professional Baseball Pitchers With Prior Conservatively Managed SLAP Tears: A Propensity Score-Matched Analysis	2022	Irrelevant Population: Healthy Baseball Pitchers

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Mao, X. H.; Zhan, Y. J.	The efficacy and safety of platelet-rich fibrin for rotator cuff tears: a meta-analysis	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Maratha, L.; Singh, A.; Garg, N.	Mini-open repair versus a completely arthroscopic technique for rotator cuff tears	2022	Tear type was unspecified
Marc, T.; Morana, C.	Effectiveness of a joint mobilizations protocol for shoulder subacromial pain syndrome: A pilot study	2024	Non-surgical population and not relevant to PICO 3 or 6
Mardani-Kivi, M.; Asadi, K.; Izadi, A.; Leili, E. K.	Rotator cuff repair with or without proximal end detachment for long head of the biceps tendon tenodesis	2022	irrelevant population; long head of the biceps tendon tenodesis
Mardani-Kivi, M.; Karimi Mobarakeh, M.; Keyhani, S.; Ebrahim-Zadeh, M. H.; Haghparsat Ghadim-Limudahi, Z.	Treatment of Long Head of Biceps Tendon Lesions Together with Rotator Cuff Tears: Which Method is Preferred? Tenotomy or Tenodesis	2018	Irrelevant Population: Massive tears only accounted for 9 of the 62 total patients, with n=4 in the tenotomy group and n=5 in the tenodesis group, no mention of irreparable tears
Mardani-Kivi, M.; Keyhani, S.; Ebrahim-Zadeh, M. H.; Hashemi-Motlagh, K.; Saheb-Ekhtiari, K.	Rotator cuff tear with concomitant long head of biceps tendon (LHBT) degeneration: what is the preferred choice? Open subpectoral versus arthroscopic intraarticular tenodesis	2019	Irrelevant population: reparable tears
Marian, I. R.; Hopewell, S.; Keene, D. J.; Cureton, L.; Lamb, S. E.; Dutton, S. J.	Progressive exercise compared with best practice advice, with or without corticosteroid injection, for the treatment of rotator cuff disorders: statistical analysis plan for the Getting it Right: Addressing Shoulder Pain (GRASP) 2 x 2 factorial multicentre randomised controlled trial	2020	statistical analysis plan
Marigi, E. M.; Alder, K. D.; Morrey, M. M.; Sanchez-Sotelo, J.	Subacromial Balloon Implantation for the Treatment of Irreparable Posterosuperior Rotator Cuff Tears	2023	Systematic Review; Technique Description
Marigi, E. M.; Iturregui, J. M.; Werthel, J. D.; Sperling, J. W.; Sanchez-Sotelo, J.; Schoch, B. S.	Higher rates of mortality and perioperative complications in patients undergoing primary shoulder arthroplasty and a history of previous stroke	2023	irrelevant population; 41% rotator cuff arthropathy
Marigi, E. M.; Johnson, Q. J.; Dholakia, R.; Borah, B. J.; Sanchez-Sotelo, J.; Sperling, J. W.	Cost comparison and complication profiles of superior capsular reconstruction, lower trapezius transfer, and reverse shoulder arthroplasty for irreparable rotator cuff tears	2022	cost analysis; inadequate follow-up time (90 days)
Marigi, E. M.; Kennon, J. C.; Dholakia, R.; Visscher, S. L.; Borah, B. J.; Sanchez-Sotelo, J.; Sperling, J. W.	Cost analysis and complication rate comparing open, mini-open, and all arthroscopic rotator cuff repair	2021	cost
Marigi, E. M.; Marigi, I.; Sperling, J. W.; Sanchez-Sotelo, J.	Primary and revision shoulder arthroplasty in patients with pulmonary hypertension: an underlying condition associated with high perioperative mortality and complications	2021	mixed population w/o stratification; irrelevant comparison: primary vs. revision arthroplasty;

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Marigi, E. M.; Tams, C.; King, J. J.; Crowe, M. M.; Werthel, J. D.; Eichinger, J. K.; Wright, T. W.; Friedman, R. J.; Schoch, B. S.	Shoulder arthroplasty after prior anterior shoulder instability surgery: a matched cohort analysis	2023	irrelevant population: shoulder instability vs. OA vs. RC tear arthropathy
Marigi, E. M.; Tams, C.; King, J. J.; Crowe, M. M.; Werthel, J. D.; Eichinger, J.; Wright, T.; Friedman, R. J.; Schoch, B. S.	Reverse Shoulder Arthroplasty After Prior Rotator Cuff Repair: A Matched Cohort Analysis	2022	irrelevant comparison: RSA w/ prior RCR vs. RSA w/o prior RCR; mixed population
Marigi, E. M.; Triplet, J. J.; Alder, K. D.; Cheema, A.; Sperling, J. W.; Sanchez-Sotelo, J.	Impact of sickle cell disease in shoulder arthroplasty: a matched cohort analysis	2023	irrelevant comparison: sickle cell disease vs. control (mixed indications and mixed interventions)
Marigi, E.; Bartels, D.; Tangtiphaiboonatana, J.; Ivanov, D.; Nguyen, N. T.; Sanchez-Sotelo, J.	Acromial and spine fractures after reverse arthroplasty: Prevalence and risk factors	2020	irrelevant population: rotator cuff tear arthropathy and mixed diagnoses
Marin Fermin, T.; Migliorini, F.; Papakostas, E.; Al-Khelaifi, K.; Maldonado, D. R.; Hovsepian, J. M.; Maffulli, N.	Concomitant glenohumeral injuries in patients with distal clavicle fractures undergoing arthroscopic-assisted surgery: a systematic review	2022	Systematic Review
Marks, M.; Grobet, C.; Audige, L.	Validity, responsiveness and minimal important change of the EQ-5D-5L in patients after rotator cuff repair, shoulder arthroplasty or thumb carpometacarpal arthroplasty	2021	tear type not specified, some pts did not have RCT
Marley, W. D.; Barratt, A.; Pigott, T.; Granat, M.; Wilson, J. D.; Roy, B.	A multicenter randomized controlled trial comparing gamification with remote monitoring against standard rehabilitation for patients after arthroscopic shoulder surgery	2022	Irrelevant Comparison: Both groups received supervised and unsupervised physiotherapy.
Marsalli, M.; Errazuriz, J. D.; Cartaya, M. A.; De La Paz, J.; Fritis, D. N.; Alsua, P. I.; Moran, N. I.; Rojas, J. T.	Similar optimal distalization and lateralization angles can be achieved with different reverse shoulder arthroplasty implant designs	2021	no relevant outcomes; irrelevant comparison between implant designs/brands
Marsalli, M.; Errazuriz, J. D.; Moran, N. I.; Cartaya, M. A.	Recurrence of glenohumeral instability in patients with isolated rotator cuff repair after a traumatic shoulder dislocation	2023	no comparison group; tear type was unspecified
Martinazzi, B. J.; Stauch, C. M.; Monahan, P. F.; King, J. L.; Walley, K. C.; Kirchner, G. J.; Updegrove, G. F.	Venous thromboembolism prophylaxis in shoulder surgery: a break-even cost-effectiveness study	2024	Cost Analysis
Martinelli, D.; Fornara, P.; Stecco, A.; Grassi, F. A.	Does Intraoperative Platelet-rich Plasma Improve Clinical and Structural Outcomes after Arthroscopic Repair of Isolated Tears of the Supraspinatus Tendon?	2019	Tear type was unspecified

Authors	Article Title	Year	Reason for Exclusion
Mart�nez-Dom�nguez, J. M.; Quiroz-Williams, J.; Qu�ntela-N��ez Del Prado, H.	Preventive analgesia in patients undergoing open surgery for rotator cuff repair	2020	article is not written in English, also irrelevant comparison: ropivacaine vs. control
Martins, J. P. S.; de Lima, C. J.; Fernandes, A. B.; Alves, L. P.; Neto, O. P.; Villaverde, A. B.	Analysis of pain relief and functional recovery in patients with rotator cuff tendinopathy through therapeutic ultrasound and photobiomodulation therapy: a comparative study	2022	irrelevant comparison; non-op US treatment comparisons
Marty, P.; Ferre, F.; Basset, B.; Marquis, C.; Bataille, B.; Chaubard, M.; Merouani, M.; Rontes, O.; Delbos, A.	Diaphragmatic paralysis in obese patients in arthroscopic shoulder surgery: consequences and causes	2018	Tear type was unspecified; No relevant comparison
Marzel, A.; Schwyzer, H. K.; Kolling, C.; Moro, F.; Flury, M.; Glanzmann, M. C.; Jung, C.; Wirth, B.; Weber, B.; Simmen, B.; Scheibel, M.; Audige, L.	The Schulthess local Shoulder Arthroplasty Registry (SAR): cohort profile	2020	irrelevant population; RC tear with arthropathy only 42.1%
Mascarenhas, R.; Chalmers, P. N.; Sayegh, E. T.; Bhandari, M.; Verma, N. N.; Cole, B. J.; Romeo, A. A.	Is double-row rotator cuff repair clinically superior to single-row rotator cuff repair: A systematic review of overlapping meta-analyses	2014	Paper published before 2017 guideline last search date
Masiello, F.; Pati, I.; Veropalumbo, E.; Pupella, S.; Cruciani, M.; De Angelis, V.	Ultrasound-guided injection of platelet-rich plasma for tendinopathies: a systematic review and meta-analysis	2023	systematic review, bib review complete
Massier, J. R. A.; Wolterbeek, N.; Wessel, R. N.	The normative Western Ontario Rotator Cuff Index values for age and sex	2021	Irrelevant Population: Patients w/o Shoulder Pathology
Matar, R. N.; Shah, N. S.; Grawe, B. M.	Patient-Reported Outcomes Measurement Information System Scores Are Inconsistently Correlated With Legacy Patient-Reported Outcome Measures in Shoulder Pathology: A Systematic Review	2021	systematic review
Matcuk, G. R., Jr.; Moin, P.; Cen, S.	Shoulder measurements on MRI: Statistical analysis of patients without and with rotator cuff tears and predictive modeling	2020	no relevant outcomes; healthy control group
Matijakovich, D.; Solomon, D.; Benitez, C. L.; Huang, H. H.; Poeran, J.; Berger, N.; Lebaschi, A.; Seneviratne, A.	Long-term follow-up of perianchor cyst formation after rotator cuff repair	2021	irrelevant comparison: perianchor cyst formation vs. no cyst; no risk factors; tear type unspecified
Matlak, S.; Andrews, A.; Looney, A.; Tepper, K. B.	Postoperative Rehabilitation of Rotator Cuff Repair: A Systematic Review	2021	systematic review
Matsen, F. A., 3rd; Somerson, J. S.; Hsu, J. E.;	Clinical effectiveness and safety of the extended humeral head arthroplasty for selected patients with rotator cuff tear arthropathy	2019	no comparison surgical technique

Authors	Article Title	Year	Reason for Exclusion
Lippitt, S. B.; Russ, S. M.; Neradilek, M. B.			
Matsen, F. A., 3rd; Whitson, A.; Jackins, S. E.; Hsu, J. E.	Significant improvement in patient self-assessed comfort and function at six weeks after the smooth and move procedure for shoulders with irreparable rotator cuff tears and retained active elevation	2019	No comparison group; inadequate follow-up time (6 week)
Matsuba, T.; Hata, Y.; Ishigaki, N.; Nakamura, K.; Murakami, N.; Kobayashi, H.; Itsubo, T.; Uemura, K.; Kato, H.	Long-term clinical and imaging outcomes after primary repair of small- to medium-sized rotator cuff tears	2019	No comparison group
Mattar, L. T.; Popchak, A. J.; Anderst, W. J.; Musahl, V.; Irrgang, J. J.; Debski, R. E.	Associations between range of motion, strength, tear size, patient-reported outcomes, and glenohumeral kinematics in individuals with symptomatic isolated supraspinatus tears	2022	irrelevant topic: associations with tears
Matthews, C. J.; Wright, T. W.; Farmer, K. W.; Struk, A. M.; Vasilopoulos, T.; King, J. J.	Outcomes of Primary Reverse Total Shoulder Arthroplasty in Patients Younger Than 65 Years Old	2019	Mixed Population w/o Stratification: Rotator cuff arthropathy, glenohumeral osteoarthritis with cuff insufficiency, proximal humerus fracture or fracture sequelae, massive rotator cuff tear, and inflammatory arthritis
Matthewson, G.; Kooner, S.; Kwapisz, A.; Leiter, J.; Old, J.; MacDonald, P.	The effect of subscapularis repair on dislocation rates in reverse shoulder arthroplasty: a meta-analysis and systematic review	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Maxwell, C.; Robinson, K.; McCreesh, K.	Managing shoulder pain: a meta-ethnography exploring healthcare providers' experiences	2022	systematic review
Maxwell, C.; Robinson, K.; McCreesh, K.	Understanding Shoulder Pain: A Qualitative Evidence Synthesis Exploring the Patient Experience	2021	systematic review
Mayrhuber, L.; Rietveld, T.; de Vries, W.; van der Woude, L. H. V.; de Groot, S.; Vegter, R. J. K.	A Scoping Review on Shoulder Injuries of Wheelchair Tennis Players: Potential Risk-Factors and Musculoskeletal Adaptations	2022	Systematic Review
Mazaleyrat, M.; Favard, L.; Garaud, P.; Boileau, P.; Berhouet, J.	Press-fit vs. cemented humeral stem fixation for reverse shoulder arthroplasty: functional outcomes at a mean follow-up of 9.5 years	2021	Mixed Population w/o Stratification: cuff tear arthropathy, massive cuff tear, or osteoarthritis
Mazuquin, B. F.; Wright, A. C.; Russell, S.; Monga, P.; Selfe, J.; Richards, J.	Effectiveness of early compared with conservative rehabilitation for patients having rotator cuff repair surgery: an overview of systematic reviews	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Mazuquin, B.; Moffatt, M.; Gill, P.; Selfe, J.; Rees, J.; Drew, S.; Littlewood, C.	Effectiveness of early versus delayed rehabilitation following rotator cuff repair: Systematic review and meta-analyses	2021	systematic review

Authors	Article Title	Year	Reason for Exclusion
Mazuquin, B.; Monga, P.; Basu, S.; Selfe, J.; Richards, J.	What is the impact of early rehabilitation following rotator cuff repairs on clinical and biomechanical outcomes? A randomised controlled trial	2021	9 patients in group 1 and 7 patients in group 2 analyzed at 1 year; does not fit criteria for 10 patients per group
Mazza, D.; Iorio, R.; Drogo, P.; Gaj, E.; Viglietta, E.; Rossi, G.; Monaco, E.; Ferretti, A.	Did the prevalence of suprascapular neuropathy in professional volleyball players decrease with the changes occurred in serving technique?	2021	irrelevant topic: prevalence of suprascapular neuropathy in professional volleyball players
Mazzola, A.; Spinner, D.	Ultrasound-Guided Peripheral Nerve Stimulation for Shoulder Pain: Anatomic Review and Assessment of the Current Clinical Evidence	2020	Systematic Review
Mc Auliffe, S.; Bisset, L.; Chester, R.; Coombes, B. K.; Fearon, A.; Kirwan, P.; McCreesh, K.; Mitham, K.; Morrissey, D.; O'Neill, S.; Ross, M. H.; Sancho, I.; Stephens, G.; Vallance, P.; van den Akker-Scheek, I.; Vicenzino, B.; Vuvan, V.; Mallows, A.; Stubbs, C.; Malliaras, P.; Plinsinga, M.	ICON 2020-International Scientific Tendinopathy Symposium Consensus: A Scoping Review of Psychological and Psychosocial Constructs and Outcome Measures Reported in Tendinopathy Clinical Trials	2022	systematic review
McBride, A. P.; Ross, M.; Duke, P.; Hoy, G.; Page, R.; Dyer, C.; Taylor, F.	Shoulder joint arthroplasty in young patients: Analysis of 8742 patients from the Australian Orthopaedic Association National Joint Replacement Registry	2023	Mixed Population w/o Stratification: OA, fracture, osteonecrosis, rotator cuff arthropathy
McBroom, T. J.; Abraham, P. F.; Varady, N. H.; Kucharik, M. P.; Eberlin, C. T.; Best, M. J.; Martin, S. D.	Accelerated versus standard physical therapy in patients with transtendinous rotator cuff repair: a propensity-matched cohort study	2022	Not a randomized controlled trial; PICO 4 is RCT only update
McBroom, T. J.; Torabian, K. A.; Cherian, N. J.; Gillinov, S. M.; Siddiq, B. S.; Chaharbakhshi, E. O.; Eberlin, C. T.; Kucharik, M. P.; Abraham, P. F.; Martin, S. D.	Biceps tenotomy vs. tenodesis in patients undergoing transtendinous repair of partial thickness rotator cuff tears	2024	irrelevant comparison: biceps tenotomy vs. tenodesis for partial tears
McColl, A. H.; Lam, P. H.; Murrell, G. A. C.	Are we getting any better? A study on repair integrity in 1600 consecutive arthroscopic rotator cuff repairs	2019	mixed population w/o stratification (partial and full thickness tears)
McConnell, R.; Klopper, M.; Rhon, D. I.; Young, J. L.	The influence of exercise therapy dosing on pain and functional outcomes in patients with subacromial pain syndrome: A systematic review	2024	Systematic Review; Bib Review Completed
McConnell, R.; Klopper, M.; Rhon, D. I.; Young, J. L.	The influence of exercise therapy dosing on pain and functional outcomes in patients with subacromial pain syndrome: A systematic review	2024	Systematic review, bib review complete
McCrum, E.	MR Imaging of the Rotator Cuff	2020	Narrative Review

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McDowell, C. M.; Bradian, A. K.; Cheesman, Q. T.; Saini, S. S.; Nicholson, K. J.; Tjoumakaris, F. P.; Austin, L. S.	The Effect of State Legislation on Opioid Prescriptions Following Arthroscopic Rotator Cuff Repair	2021	Not an RCT; irrelevant comparison: pre-law vs. post-law
McElvany, M. D.; Prentice, H. A.; Barovick, L. G.; Kang, J. R.; Navarro, R. A.; Dillon, M. T.	Risk factors for early returns to care following same-day discharge primary shoulder arthroplasty	2023	Mixed Population w/o Stratification: primary surgical indication (fracture, inflammatory arthritis/rheumatoid arthritis, osteoarthritis, rotator cuff pathology, and other
McFarland, E. G.; Brand, J. C., Jr.; Ring, D.	Clinical Faceoff: Is Preventative Surgery a Good Idea for Patients With Rotator Cuff Tendinopathy?	2023	Not a study; debate among surgeons
McFarland, E. G.; Meshram, P.; Rojas, J.; Joseph, J.; Srikumaran, U.	Reverse Total Shoulder Arthroplasty without Bone-Grafting for Severe Glenoid Bone Loss in Patients with Osteoarthritis and Intact Rotator Cuff: A Concise 5-Year Follow-up of a Previous Report	2021	Irrelevant Population: Osteoarthritis w/ Intact Rotator Cuff
McGlone, P. J.; Li, L. T.; Bokshan, S. L.; O'Donnell, R.; Owens, B. D.	Preoperative malnutrition increases odds of hospital admission and extended length of stay following arthroscopic rotator cuff repair	2021	tear type not specified
McGuire, L. B.; Quinton, A. E.; Cossetto, D. J.; Hanchard, T. J.; Spurway, J. F.	Diagnostic sensitivity of ultrasound of the supraspinatus tendon when compared to magnetic resonance imaging prior to arthroscopy: A retrospective study	2023	Low Quality upon Appraisal - Keeping only Moderates and Highs for PICO 3
McIntyre, L. F.; Nherera, L. M.; Schlegel, T. F.	Resorbable Bioinductive Collagen Implant Is Cost Effective in the Treatment of Rotator Cuff Tears	2023	Cost
McLaughlin, R. J.; Whitson, A. J.; Panebianco, A.; Warme, W. J.; Matsen, F. A., 3rd; Hsu, J. E.	The minimal clinically important differences of the Simple Shoulder Test are different for different arthroplasty types	2022	Mixed Population w/o Stratification: OA, RA, chondrolysis, capsulorrhaphy arthropathy, cuff tear arthropathy
McLaughlin, R.; Tams, C.; Werthel, J. D.; Wright, T. W.; Crowe, M. M.; Aibinder, W.; Friedman, R. J.; King, J. J.; Schoch, B. S.	Reverse shoulder arthroplasty yields similar results to anatomic total shoulder arthroplasty for the treatment of humeral head avascular necrosis	2022	irrelevant population: humeral head avascular necrosis
McLean, A.; Taylor, F.	Classifications in Brief: Bigliani Classification of Acromial Morphology	2019	Narrative Review
McLean, M.; Hoban, K.; Gupta, R.; Gibson, A.; Brooksbank, A. J.; Fazzi, U. G.; Arthur, A.; Martin, D.; Jenkins, P. J.; Millar, N. L.	The epidemiology of acromioclavicular joint excision	2019	No outcomes of interest; epidemiology of ACJE
Meade, J. D.; Young, B. L.; Yu, Z.; Trofa, D. P.; Piasecki, D. P.; Hamid, N.; Schiffern, S.; Saltzman, B. M.	Distal Clavicle Excision: An Epidemiologic Study Using the National Ambulatory Surgery Sample Database	2022	Cost Analysis

Authors	Article Title	Year	Reason for Exclusion
Medancic, N.; Spanic, M.; Marinic, T. B.; Klobucar, H.; Cicak, N.	Arthroscopic removal of arch-shaped rotator cuff calcifying tendinitis without rotator cuff repair and acromioplasty is an excellent treatment regarding pain relief and function	2021	irrelevant population: calcifying tendinitis with intact rotator cuff
Medina, G.; Buckless, C. G.; Thomasson, E.; Oh, L. S.; Torriani, M.	Deep learning method for segmentation of rotator cuff muscles on MR images	2021	Irrelevant Topic: Deep Learning for Diagnosis
Medvedev, G.; Collins, L. K.; Cole, M. W.; Weldy, J. M.; George, E. R.; Sherman, W. F.	The Incidence of Carpal Tunnel Syndrome Diagnosis Increases after Arthroscopic Shoulder Surgery	2023	Tear Type Unspecified; No Relevant Outcomes
Meehan, K.; Wassinger, C.; Roy, J. S.; Sole, G.	Seven Key Themes in Physical Therapy Advice for Patients Living With Subacromial Shoulder Pain: A Scoping Review	2020	systematic review
Mehta, S. K.; Teefey, S. A.; Middleton, W.; Steger-May, K.; Sefko, J. A.; Keener, J. D.	Prevalence and risk factors for development of subscapularis and biceps pathology in shoulders with degenerative rotator cuff disease: a prospective cohort evaluation	2020	unclear intervention, if any intervention at all
Mehta, S. R.; Mehta, R. N.; Mehta, V. R.	Painful Soft Tissue Lesion of an Adult Shoulder: Correlation with Ultrasonography in Rotator Cuff Syndrome	2023	irrelevant topic: diagnosis of painful soft tissue lesions; unclear reference standard
Meissner-Haecker, A.; Contreras, J.; Valenzuela, A.; Delgado, B.; Taglioni, A.; De Marinis, R.; Calvo, C.; Soza, F.; Liendo, R.	Critical shoulder angle and failure of conservative treatment in patients with atraumatic full thickness rotator cuff tears	2022	Irrelevant Topic: CSA and Failure of Pre-Op PT
Mejía-Terrazas, G. E.; Ruíz-Suárez, M.; Vadillo-Ortega, F.; Franco y Bourland, R. E.; López-Muñoz, E.	Effect of interscalene nerve block on the inflammatory response in shoulder surgery: a randomized trial	2019	irrelevant comparison: using balanced general anesthesia (BGA) vs. an ultrasound-guided (USG) single-dose interscalene block (SDIB)
Mekkawy, K. L.; Heifner, J. J.; Rodriguez, H. C.; Hernandez, M.; Corces, A.; Hommen, J. P.	Sleep apnea in patients undergoing reverse shoulder arthroplasty is associated with greater complications and healthcare utilization	2024	indication for RSA unknown
Meldau, J. E.; Borowsky, P.; Blanchett, J.; Stephens, J.; Muh, S.; Moutzouros, V.; Makhni, E. C.	Impact of Patient Demographic Factors on Preoperative Patient-Reported Outcomes Measurement Information System (PROMIS) Physical Function, Pain Interference, and Depression Computer Adaptive Testing Scores in Patients Undergoing Shoulder and Elbow Surgery	2019	irrelevant topic: demographic factors affect on pre-op PROMS
Memon, M.; Kay, J.; Quick, E.; Simunovic, N.; Duong, A.; Henry, P.; Ayeni, O. R.	Arthroscopic-Assisted Latissimus Dorsi Tendon Transfer for Massive Rotator Cuff Tears: A Systematic Review	2018	Systematic Review; All reviewed articles published b4 previous guideline.

Authors	Article Title	Year	Reason for Exclusion
Menek, B.; Tarakci, D.; Algun, Z. C.	The effect of Mulligan mobilization on pain and life quality of patients with Rotator cuff syndrome: A randomized controlled trial	2019	Non-surgical population and not relevant to PICO 3 or 6
Menek, B.; Tarakci, D.; Tarakci, E.; Menek, M. Y.	Investigation on the Efficiency of the Closed Kinetic Chain and Video-Based Game Exercise Programs in the Rotator Cuff Rupture: A Randomized Trial	2022	Non-surgical population and not relevant to PICO 3 or 6
Menekse, S.	Comparison of Outcomes between Open and Arthroscopic Rotator Cuff Repair	2024	Mixed Population w/o Stratification (both partial and full-thickness tears included)
Meng, C.; Jiang, B.; Liu, M.; Kang, F.; Kong, L.; Zhang, T.; Wang, C.; Wang, J.; Han, C.; Ren, Y.	Repair of rotator cuff tears in patients aged 75 years and older: Does it make sense? A systematic review	2022	systematic review, bib review complete
Mercurio, M.; Castioni, D.; de Filippis, R.; De Fazio, P.; Paone, A.; Familiari, F.; Gasparini, G.; Galasso, O.	Postoperative psychological factors and quality of life but not shoulder brace adherence affect clinical outcomes after arthroscopic rotator cuff repair	2023	Tear type was unspecified
Mercurio, M.; Castricini, R.; Castioni, D.; Cofano, E.; Familiari, F.; Gasparini, G.; Galasso, O.	Better functional outcomes and a lower infection rate can be expected after superior capsular reconstruction in comparison with latissimus dorsi tendon transfer for massive, irreparable posterosuperior rotator cuff tears: a systematic review	2023	systematic review
Merivirta, R.; Äärimaa, V.; Aantaa, R.; Koivisto, M.; Leino, K.; Liukas, A.; Kuusniemi, K.	Postoperative fentanyl patch versus subacromial bupivacaine infusion in arthroscopic shoulder surgery	2013	irrelevant comparison vs. bupivacaine (PICO sheet requires liposomal bupivacaine)
Merivirta, R.; Kuusniemi, K. S.; Aantaa, R.; Hurme, S. A.; Äärimaa, V.; Leino, K. A.	The analgesic effect of continuous subacromial bupivacaine infusion after arthroscopic shoulder surgery: a randomized controlled trial	2012	Irrelevant Comparison: bupivacaine vs. saline
Merivirta, R.; Kuusniemi, K. S.; Aantaa, R.; Hurme, S. A.; Äärimaa, V.; Leino, K. A.	The analgesic effect of continuous subacromial bupivacaine infusion after arthroscopic shoulder surgery: A randomized controlled trial	2012	irrelevant comparison of bupivacaine infusion vs. placebo
Merlet, M. C.; Guinet, V.; Rousseau, T.; van Rooij, F.; Saffarini, M.; Dujardin, F.; Courage, O.	Arthroscopic Side-to-Side Repair of Massive Rotator Cuff Tears Maintains Adequate Functional Improvement at 12 to 14 Years' Follow-up	2021	no comparison group
Merolla, G.; De Cupis, M.; Walch, G.; De Cupis, V.; Fabbri, E.; Franceschi, F.; Ascani, C.; Paladini, P.; Porcellini, G.	Pre-operative factors affecting the indications for anatomical and reverse total shoulder arthroplasty in primary osteoarthritis and outcome comparison in patients aged seventy years and older	2020	Irrelevant Population: OA w/ Intact Rotator Cuff
Merolla, G.; Giorgini, A.; Bonfatti, R.; Micheloni, G. M.; Negri, A.; Catani, F.	BIO-RSA vs. metal-augmented baseplate in shoulder osteoarthritis with multiplanar glenoid deformity: a comparative study of radiographic findings and patient outcomes	2023	irrelevant population; cuff tear arthropathy only 45%

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Tarallo, L.; Paladini, P.; Porcellini, G.			
Merriman Jr, M. A.; Chapman, J. H.; Whitfield, T.; Hosseini, F.; Ghosh, D.; Laurencin, C. T.	Fat Expansion Not Fat Infiltration of Muscle Post Rotator Cuff Tendon Tears of the Shoulder: Regenerative Engineering Implications	2023	Non-Systematic Review
Meshram, P.; Joseph, J.; Zhou, Y.; Srikumaran, U.; McFarland, E. G.	Lateralized glenosphere reverse shoulder arthroplasty: inlay and onlay designs have similar clinical outcomes in patients with glenohumeral osteoarthritis	2022	Irrelevant population: glenohumeral OA w/ intact rotator cuff
Meshram, P.; Liu, B.; Kim, S. W.; Heo, K.; Oh, J. H.	Revision Rotator Cuff Repair Versus Primary Repair for Large to Massive Tears Involving the Posterosuperior Cuff: Comparison of Clinical and Radiological Outcomes	2021	irrelevant comparison; revision vs. primary repair
Meshram, P.; Lukasiewicz, P.; Okeke, L.; Srikumaran, U.; McFarland, E. G.	Reverse Shoulder Arthroplasty for Patients with Cuff Tear Arthropathy: Do Clinical Outcomes Differ by Inlay versus Onlay Design?	2024	Very Low Quality on Quality Appraisal
Meta, F.; Khalil, L. S.; Ziedas, A. C.; Gulledge, C. M.; Muh, S. J.; Moutzourous, V.; Makhni, E. C.	Preoperative Opioid Use Is Associated With Inferior Patient-Reported Outcomes Measurement Information System Scores Following Rotator Cuff Repair	2022	Tear type was unspecified
Metcalf, A.; Arnold, S.; Parsons, H.; Parsons, N.; Bhabra, G.; Brown, J.; Bush, H.; Diokno, M.; Elliott, M.; Fox, J.; Gates, S.; Gemperle Mannion, E.; Haque, A.; Hutchinson, C.; Kearney, R.; Khan, I.; Lawrence, T.; Mason, J.; Rahman, U.; Stallard, N.; Ul-Rahman, S.; Viswanath, A.; Wayte, S.; Drew, S.; Underwood, M.	Subacromial spacers for adults with symptomatic, irreparable rotator cuff tears: the START:REACTS novel group sequential adaptive RCT	2023	Same study as AAOS ID 10339; Same Trial Number: ISRCTN17825590
Meyers, A. R.; Wurzelbacher, S. J.; Krieg, E. F.; Ramsey, J. G.; Crombie, K.; Christianson, A. L.; Luo, L.; Burt, S.	Work-Related Risk Factors for Rotator Cuff Syndrome in a Prospective Study of Manufacturing and Healthcare Workers	2023	irrelevant topic: risk of developing RC syndrome
Micic, I.; Kholinne, E.; Hong, H.; Choi, H.; Kwak, J. M.; Sun, Y.; Hong, J.; Koh, K. H.; Jeon, I. H.	Navigation-assisted suture anchor insertion for arthroscopic rotator cuff repair	2019	shoulder models used for technique

Authors	Article Title	Year	Reason for Exclusion
Micic, I.; Kholinne, E.; Kwak, J. M.; Koh, K. H.; Jeon, I. H.	Osteolysis is observed around both bioabsorbable and nonabsorbable anchors on serial magnetic resonance images of patients undergoing arthroscopic rotator cuff repair	2019	no comparison group
Mick, P.; Holz, Z.; Renkawitz, T.; Bulhoff, M.; Deisenhofer, J.; Hariri, M.; Fischer, C.; Doll, J.	Contrast-Enhanced Ultrasound-Assessed Supraspinatus Muscle Perfusion Indicates Better Tissue Vitality and Outcome After Supraspinatus Tendon Repair and Subacromial Decompression	2023	not a randomized controlled trial and PICO 2 is RCT only update; irrelevant comparison, only 6 month followup
Migliorini, F.; Asparago, G.; Cuzzo, F.; Oliva, F.; Hildebrand, F.; Maffulli, N.	Patient outcomes and return to play after arthroscopic rotator cuff repair in overhead athletes: a systematic review	2023	systematic review
Migliorini, F.; Maffulli, N.; Eschweiler, J.; Schenker, H.; Tingart, M.; Betsch, M.	Arthroscopic versus mini-open rotator cuff repair: A meta-analysis	2023	Systematic Review
Mihata, T.	Clinical outcomes of arthroscopic superior capsule reconstruction in patients aged over 70 with irreparable rotator cuff tears	2024	irrelevant population for PICO 8: arthropathy was included
Mihata, T.; Lee, T. Q.; Fukunishi, K.; Itami, Y.; Fujisawa, Y.; Kawakami, T.; Ohue, M.; Neo, M.	Return to Sports and Physical Work After Arthroscopic Superior Capsule Reconstruction Among Patients With Irreparable Rotator Cuff Tears	2018	No relevant risk factors; mixed population (partial and full thickness) w/o stratification; no comparison group
Mihata, T.; Lee, T. Q.; Hasegawa, A.; Fukunishi, K.; Kawakami, T.; Fujisawa, Y.; Ohue, M.; Doi, M.; Neo, M.	Arthroscopic Superior Capsule Reconstruction for Irreparable Rotator Cuff Tears: Comparison of Clinical Outcomes With and Without Subscapularis Tear	2020	irrelevant comparison: concomitant subscapularis tear, reparable vs. irreparable, irreparable n too small
Mihata, T.; Lee, T. Q.; Hasegawa, A.; Fukunishi, K.; Kawakami, T.; Fujisawa, Y.; Ohue, M.; Neo, M.	Five-Year Follow-up of Arthroscopic Superior Capsule Reconstruction for Irreparable Rotator Cuff Tears	2019	No comparison group
Mihata, T.; Lee, T. Q.; Hasegawa, A.; Kawakami, T.; Fukunishi, K.; Fujisawa, Y.; Itami, Y.; Ohue, M.; Neo, M.	Arthroscopic Superior Capsule Reconstruction Can Eliminate Pseudoparalysis in Patients With Irreparable Rotator Cuff Tears	2018	irrelevant comparison by level of pseudoparalysis
Mikkelsen, K.; Witten, A.; Moller, P. H.; Barfod, K. W.; Kjaer, B. H.	Interrater reliability of subacromial ultrasound measures in the hands of novice sonographers	2023	irrelevant topic: reliability of subacromial measures in SAPS
Millar, N. L.; McInnes, I.; Mindeholm, L.; Seroutou, A.; Praestgaard, J.; Schramm, U.; Levitch, R.; Weber, E.; Laurent, D.; Rosen, J.; et al.,	Efficacy and safety of secukinumab in patients with rotator cuff tendinopathy: a 24-week, randomised, double-blind, placebocontrolled, phase ii proof-of-concept trial	2021	Abstract Only - Ongoing Trial

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Millett, P. J.; Espinoza, C.; Horan, M. P.; Ho, C. P.; Warth, R. J.; Dornan, G. J.; Katthagen, J. C.	Predictors of outcomes after arthroscopic transosseous equivalent rotator cuff repair in 155 cases: a propensity score weighted analysis of knotted and knotless self-reinforcing repair techniques at a minimum of 2Å years	2017	irrelevant population: prior RCR
Millican, C. R.; Lam, P. H.; Murrell, G. A. C.	Shoulder stiffness after rotator cuff repair: the fate of stiff shoulders up to 9 years after rotator cuff repair	2020	irrelevant comparison; stiff vs. non-stiff shoulder after RTSA
Minarro, J. C.; Bassi, C.; Boltuch, A.; Urbano-Luque, M.; Buijze, G. A.; Lafosse, L.; Lafosse, T.	Subacromial Balloon Spacer Does Not Reduce the Retear Rate for Massive Rotator Cuff Tears: A Comparative Study	2023	irrelevant population: irreparable tears excluded
Minkalis, A. L.; Vining, R. D.; Long, C. R.; Hawk, C.; de Luca, K.	A systematic review of thrust manipulation combined with one conservative intervention for rotator cuff and related non-surgical shoulder conditions	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Minkwitz, S.; Thiele, K.; Schmock, A.; Bormann, N.; Nguyen, T. H.; Moroder, P.; Scheibel, M.; Wildemann, B.; Plachel, F.; Klatte-Schulz, F.	Histological and molecular features of the subacromial bursa of rotator cuff tears compared to non-tendon defects: a pilot study	2021	Not a human subject study.
Miquel, J.; Salomo-Domenech, M.; Santana, F.; Torrens, C.	Impact of surrogate outcomes in randomized controlled trials for shoulder rotator cuff tears	2023	Systematic Review
Miranda, M. O.; Bureau, N. J.	Supraspinatus myotendinous junction injuries: MRI findings and prevalence	2019	no relevant outcomes
Mirghaderi, P.; Azarboo, A.; Ghaseminejad-Raeini, A.; Eshraghi, N.; Vahedi, H.; Namdari, S.	Shoulder Arthroplasty After Previous Nonarthroplasty Surgery: A Systematic Review and Meta-Analysis of Clinical Outcomes and Complications	2024	Systematic Review, Bib Review Complete
Mirghaderi, S. P.; Valizadeh, Z.; Shadman, K.; Lafosse, T.; Oryadi-Zanjani, L.; Yekaninejad, M. S.; Nabian, M. H.	Cell therapy efficacy and safety in treating tendon disorders: a systemic review of clinical studies	2022	systematic review
Mirzayan, R.; Acevedo, D. C.; Sidell, M. A.; Otarodi, K. A.; Hall, M. P.; Suh, B. D.; Singh, A.	Classification system of graft tears following superior capsule reconstruction	2022	irrelevant comparison: intact vs. tuberosity covered vs. tuberosity bare
Mirzayan, R.; Donohoe, S.; Batech, M.; Suh, B. D.; Acevedo, D. C.; Singh, A.	Is there a difference in the acromiohumeral distances measured on radiographic and magnetic resonance images of the same shoulder with a massive rotator cuff tear?	2020	no relevant outcomes
Mirzayan, R.; Stone, M. A.; Batech, M.; Acevedo, D. C.; Singh, A.	Failed Dermal Allograft Procedures for Irreparable Rotator Cuff Tears Can Still Improve Pain and Function: The "Biologic Tuberooplasty Effect"	2019	outcomes were not stratified to compare the procedures

Authors	Article Title	Year	Reason for Exclusion
Mirzoyan, H.; Handelberg, F.; Pouliart, N.	Outcome at 3 to 5 years of a treatment algorithm for rotator cuff tears in an elderly population	2018	Irrelevant population: partial and full thickness tears included (see extended notes)
Misir, A.; Oguzkaya, S.; Kizkapan, T. B.; Eken, G.; Sayer, G.	The effect of postoperative sling immobilization and early mobilization on clinical and functional outcomes after arthroscopic rotator cuff repair: A propensity score-matched analysis	2022	Not a randomized controlled trial; PICO 4 is RCT only update
Misir, A.; Uzun, E.; Kizkapan, T. B.; Ozcamdalli, M.; Sekban, H.; Guney, A.	Factors Affecting Prolonged Postoperative Pain and Analgesic Use After Arthroscopic Full-Thickness Rotator Cuff Repair	2021	Inadequate follow-up time - no adverse events reporting
Misir, A.; Uzun, E.; Kizkapan, T. B.; Ozcamdalli, M.; Sekban, H.; Guney, A.	Factors associated with the development of early- to mid-term cuff-tear arthropathy following arthroscopic rotator cuff repair	2021	no relevant risk factors; no comparison group
Mitham, K.; Mallows, A.; Yeowell, G.; Littlewood, C.	Management of recent onset tendon-related pain in a primary contact setting: A survey of practice	2022	Irrelevant Topic/Population: Survey of Clinicians' Practices
Miyaji, N.; Miwa, K.; Motegi, K.; Yamashita, K.; Terauchi, T.; Onoguchi, M.	Patient arm position during quantitative bone single-photon emission computed tomography/computed tomography acquisition can affect image quality and quantitative accuracy: a phantom study	2021	a phantom study, no human subjects
Mocini, F.; Cerciello, S.; Corona, K.; Morris, B. J.; Saturnino, L.; Giordano, M. C.	The effect of subscapularis repair in reverse total shoulder arthroplasty depends on the design of the implant: a comparative study with a minimum 2-year follow-up	2023	Mixed Population w/o Stratification: osteoarthritis and Rotator cuff arthropathy
Mohamadi, A.; Chan, J. J.; Claessen, F. M. A. P.; Ring, D.; Chen, N. C.	Corticosteroid Injections Give Small and Transient Pain Relief in Rotator Cuff Tendinosis: A Meta-analysis	2017	systematic review, bib review complete
Mohtasib, R. S.; Alzahrani, A. M.; Asiri, Y. N.; Rayes, Z. F.; Alshaalan, M. A.	Accuracy of shoulder ultrasound examination for diagnosis of rotator cuff pathologies: a single-center retrospective study	2019	Low Quality upon Appraisal - Keeping only Moderates and Highs for PICO 3
Molina-Álvarez, M.; Arribas-Romano, A.; Rodríguez-Rivera, C.; García, M. M.; Fernández-Carnero, J.; Armijo-Olivo, S.; Goicoechea García, C.	Manual Therapy Effect in Placebo-Controlled Trials: A Systematic Review and Meta-Analysis	2022	Systematic review; bib review complete
Monesi, R.; Benedetti, M. G.; Zati, A.; Vigna, D.; Romanello, D.; Monello, A.; Rotini, R.	The Effects of a Standard Postoperative Rehabilitation Protocol for Arthroscopic Rotator Cuff Repair on Pain, Function, and Health Perception	2018	No Comparison Group; no relevant risk factors
Monir, J. G.; Astolfi, M. M.; Sholder, D.; Kocovic, N.; Horneff, J. G., 3rd; Abboud, J. A.; Schoch, B. S.	Early revision rotator cuff repair: an analysis of outcomes and function	2023	irrelevant comparison by injury mechanism

Authors	Article Title	Year	Reason for Exclusion
Monir, J. G.; Tams, C.; Wright, T. W.; Parsons, M.; King, J. J.; Schoch, B. S.	Preoperative factors associated with loss of range of motion after reverse shoulder arthroplasty	2021	Mixed Population w/o Stratification, tear type was not specified for diagnosis of Rotator cuff tear
Monroe, E. J.; Flores, S. E.; Chambers, C. C.; Zhang, A. L.; Feeley, B. T.; Lansdown, D. A.; Ma, C. B.	Patient-Reported Outcomes After Isolated and Combined Arthroscopic Subscapularis Tendon Repairs	2019	irrelevant comparisons: partial vs. full SSc tear,
Monroe, E. J.; Flores, S. E.; Zhang, A. L.; Feeley, B. T.; Lansdown, D. A.; Ma, C. B.	Do Outcomes of Arthroscopic Subscapularis Tendon Repairs Depend on Rotator Cuff Fatty Infiltration?	2020	Outcomes not provided for relevant risk factors; no comparison group; mixed population
Monroe, E.; Feeley, B.; Keener, J.; Kuhn, J.; Bishop, J.; Ma, C. B.	Navigating the Research in Rotator Cuff Disease: An Evidence-Based Approach to Improved Patient Outcomes	2019	systematic review
Monteleone, A. S.; Salerno, M.; Mondini Trissino da Lodi, C.; Gonalba, G. C.; Candrian, C.; Filardo, G.	The influence of sex is a neglected focus in rotator cuff repair: A systematic review and meta-analysis	2024	Systematic Review, Bib Review Complete
Monu, J.; Sunil, S.	The Net Promoter Score with Friends and Family Test applied to arthroscopic shoulder surgery	2023	Not a randomized controlled trial; PICO 2 is RCT only update
Moon, A. S.; Patel, H. A.; Ithurburn, M. P.; Brabston, E. W.; Ponce, B. A.; Momaya, A. M.	Subacromial Spacer Implantation for the Treatment of Massive Irreparable Rotator Cuff Tears: A Systematic Review	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Moore, A. R.; Brolin, T. J.; Smith, R. A.; Azar, F. M.; Throckmorton, T. W.	Outcomes after primary reverse total shoulder arthroplasty in patients with comorbid anxiety and depressive disorders: A retrospective cohort study	2021	Mixed Population w/o Stratification: proximal humeral fracture, cuff tear arthropathy, proximal humeral nonunion, massive Rotator cuff tear, OA, chronic shoulder dislocation
Moore, B. P.; Forrister, D. Z.; Somerson, J. S.	A threshold of lower preoperative mental health is associated with decreased achievement of comfort and capability benchmarks following rotator cuff repair: a retrospective cohort study	2024	Tear type was unspecified
Moorthy, V.; Chen, J. Y.; Lee, M.; Lie, D. T. T.	Arthroscopic rotator cuff repair results in similar postoperative functional outcomes in patients with only rotator cuff tears and those with concomitant cervical radiculopathy	2021	Irrelevant Comparison: Rotator Cuff Tear vs. RC + Radiculopathy; all patients received same intervention
Moosmayer, S.; Lund, G.; Seljom, U. S.; Haldorsen, B.; Svege, I. C.; Hennig, T.; Pripp, A. H.; Smith, H. J.	Tendon repair compared with physiotherapy in the treatment of rotator cuff tears: a randomized controlled study in 103 cases with a five-year follow-up	2014	data republished in an updated article

Authors	Article Title	Year	Reason for Exclusion
Moosmayer, S.; Lund, G.; Seljom, U.; Svege, I.; Hennig, T.; Tariq, R.; Smith, H. J.	Comparison between surgery and physiotherapy in the treatment of small and medium-sized tears of the rotator cuff: A randomised controlled study of 103 patients with one-year follow-up	2010	data republished in an updated article
Morelli, K. M.; Martin, B. R.; Charakla, F. H.; Durmisevic, A.; Warren, G. L.	Acromion morphology and prevalence of rotator cuff tear: A systematic review and meta-analysis	2019	systematic review
Morgan, A. M.; Li, Z. I.; Garra, S.; Bi, A. S.; Gonzalez-Lomas, G.; Jazrawi, L. M.; Campbell, K. A.	Patient-Reported Allergies are Associated with Increased Rate of Postoperative Stiffness After Arthroscopic Rotator Cuff Repair	2023	Tear type was unspecified
Mori, D.; Kida, Y.; Kizaki, K.; Umatani, N.; Funakoshi, N.; Mizuno, Y.; Yamashita, F.; Kobayashi, M.	Bone healing potential of fascia lata autografts to the humeral head footprint in rotator cuff reconstruction based on magnetic resonance imaging and histologic evaluations	2019	No comparison group; No relevant outcomes
Morikawa, D.; Muench, L. N.; Baldino, J. B.; Kia, C.; Johnson, J.; Otto, A.; Pauzenberger, L.; Dyrna, F.; McCarthy, M. B. R.; Mazzocca, A. D.	Comparison of Preparation Techniques for Isolating Subacromial Bursa-Derived Cells as a Potential Augment for Rotator Cuff Repair	2020	Small sample size: 7 patients; specimen study
Morita, S.; Oizumi, N.; Suenaga, N.; Yoshioka, C.; Yamane, S.; Tanaka, Y.	Dexamethasone added to levobupivacaine prolongs the duration of interscalene brachial plexus block and decreases rebound pain after arthroscopic rotator cuff repair	2020	irrelevant comparison: group L (ISBPB with 20 cc of 0.25% levobupivacaine; 21 patients) vs. group LD (ISBPB with 20 cc of 0.25% levobupivacaine + 3.3 mg dexamethasone; 33 patients)
Morris, D. L. J.; Dover, C.; Walstow, K.; Pitt, L.; Morgan, M.; Espag, M. P.; Clark, D. I.; Tambe, A. A.	Does long-term follow-up and monitoring of primary shoulder arthroplasty identify failing implants requiring revision?	2023	Mixed population: arthritic shoulders with intact rotator cuff (aTSA), rotator cuff-deficient shoulders and Rotator cuff competent arthritic shoulders. Tear type was unspecified
Morris, J. H.; Malik, A. T.; Hatef, S.; Neviaser, A. S.; Bishop, J. Y.; Cvetanovich, G. L.	Cost of Arthroscopic Rotator Cuff Repairs Is Primarily Driven by Procedure-Level Factors: A Single-Institution Analysis of an Ambulatory Surgery Center	2021	cost analysis
Morrissey, C. D.; Houck, D. A.; Jang, E.; McCarty, E. C.; Bravman, J. T.; Seidl, A. J.; Wolcott, M. L.; Vidal, A. F.; Frank, R. M.	Sliding or Nonsliding Arthroscopic Knots for Shoulder Surgery: A Systematic Review	2020	systematic review
Morton-Gonzaba, N.; Carlisle, D.; Emukah, C.; Chorath, K.; Moreira, A.	Mesenchymal stem cells and their application to rotator cuff pathology: A meta-analysis of pre-clinical studies	2020	Systematic Review; Bib Review Completed

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Mostafavifar, M.; Wertz, J.; Borchers, J.	A systematic review of the effectiveness of kinesio taping for musculoskeletal injury	2012	Paper published before 2017 guideline last search date; systematic review
Motabar, H.; Nimbarte, A. D.	Sex Differences in Rotator Cuff Muscles' Response to Various Work-Related Factors	2021	Irrelevant Population: Healthy Volunteers
Moulaei, K.; Bahaadinbeigy, K.; Haghdostd, A.; Nezhad, M. S.; Gheysari, M.; Sheikhtaheri, A.	An analysis of clinical outcomes and essential parameters for designing effective games for upper limb rehabilitation: A scoping review	2023	Systematic review
Moulton, S. G.; Hartwell, M. J.; Feeley, B. T.	Evaluation of Spin Bias in Systematic Reviews and Meta-analyses of Rotator Cuff Repair With Platelet-Rich Plasma	2024	Systematic Review; Bib Review Completed
Mousley, J. J.; Hill-Buxton, L. M.; Gill, S. D.; McGee, S. L.; Page, R. S.	Polymorphisms and alterations in gene expression associated with rotator cuff tear and healing following surgical repair: a systematic review	2021	systematic review
Moutzourous, V.; Jildeh, T. R.; Khalil, L. S.; Schwartz, K.; Hasan, L.; Matar, R. N.; Okoroha, K. R.	A Multimodal Protocol to Diminish Pain Following Common Orthopedic Sports Procedures: Can We Eliminate Postoperative Opioids?	2020	irrelevant comparisons by orthopedic surgery type; not a randomized controlled trial
Moverman, M. A.; Menendez, M. E.; Mahendraraj, K. A.; Polisetty, T.; Jawa, A.; Levy, J. C.	Patient risk factors for acromial stress fractures after reverse shoulder arthroplasty: a multicenter study	2021	mixed population; irrelevant comparison by ASF
Moverman, M. A.; Puzzitiello, R. N.; Menendez, M. E.; Pagani, N. R.; Hart, P. J.; Churchill, R. W.; Kirsch, J. M.; Jawa, A.	Rotator cuff fatty infiltration and muscle atrophy: relation to glenoid deformity in primary glenohumeral osteoarthritis	2022	Irrelevant population: glenohumeral OA w/ intact rotator cuff
Mowbray, J.; Mohammed, K.	Can imaging determine if a rotator cuff tear is traumatic?	2024	Narrative Review
Mowbray, J.; Van Niekerk, M.; Frampton, C.; Hirner, M.	The outcomes of shoulder arthroplasty in those aged ≥70 years with glenohumeral arthritis: a New Zealand Joint Registry study	2022	only 46% rotator cuff tears in population
Mr, J.; Babu, S.; Suji, M.	ROLE OF MAGNETIC RESONANCE IMAGING IN THE ASSESSMENT OF ROTATOR CUFF PATHOLOGIES	2024	no relevant outcomes; no reference test
Muench, L. N.; Baldino, J. B.; Berthold, D. P.; Kia, C.; Lebaschi, A.; Cote, M. P.; McCarthy, M. B.; Mazzocca, A. D.	Subacromial Bursa-Derived Cells Demonstrate High Proliferation Potential Regardless of Patient Demographics and Rotator Cuff Tear Characteristics	2020	irrelevant outcomes: cellular proliferation

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Muench, L. N.; Kia, C.; Jerliu, A.; Williams, A. A.; Berthold, D. P.; Cote, M. P.; McCarthy, M. B.; Arciero, R. A.; Mazzocca, A. D.	Clinical Outcomes Following Biologically Enhanced Patch Augmentation Repair as a Salvage Procedure for Revision Massive Rotator Cuff Tears	2020	No comparison group
Muench, L. N.; Kia, C.; Williams, A. A.; Avery, D. M., 3rd; Cote, M. P.; Reed, N.; Arciero, R. A.; Chandawarkar, R.; Mazzocca, A. D.	High Clinical Failure Rate After Latissimus Dorsi Transfer for Revision Massive Rotator Cuff Tears	2020	No comparison group; revision surgery
Muller, M.; Brunssen, J.; Messingschlager, M.	Patient Reported Outcomes (PROs) - a Tool for Strengthening Patient Involvement and Measuring Outcome in Orthopaedic Outpatient Rehabilitation	2022	irrelevant topic; no interventions provided; mixed population w/o injury details
Muneshige, K.; Uchida, K.; Kenmoku, T.; Tazawa, R.; Nakawaki, M.; Ishii, D.; Inoue, G.; Takaso, M.	Elevation of MMP1 and ADAMTS5 mRNA expression in glenohumeral synovia of patients with hypercholesterolemia	2022	no relevant outcomes: mRNA expression
Muniandy, M.; Niglis, L.; Claude Dosch, J.; Meyer, N.; Kempf, J. F.; Collin, P.	Postoperative rotator cuff integrity: can we consider type 3 Sugaya classification as retear?	2021	irrelevant comparison: type 3 sugaya vs. type 4 sugaya
Muniesa-Herrero, M. P.; Torres-Campos, A.; Urgel-Granados, A.; Blanco-Llorca, J. A.; Floria-Arnal, L. J.; Roncal-Boj, J. C.; Castro-Sauras, A.	Comparison of functional results of two fixation systems using single-row suturing of rotator cuff	2018	Mixed Population w/o Stratification: patients with partial tears
Munoz, D.; Orozco, S.; Jaramillo, S.; Herrera Torres, A. M.	Multimodal postoperative analgesia with transdermal buprenorphine is a safe option in arthroscopic rotator cuff repair	2023	No comparison group; not a randomized controlled trial
Murali, S.; Hargreaves, M.; Paul, K.; Manfredi, J. N.; He, J. K.; Young, S.; Williams, M.; Brabston, E.; Ponce, B.; Momaya, A.	Impact of Sling Use on Functional Mobility in a Geriatric Population	2024	no relevant outcomes
Muzaffar, M.; Rayar, V.; Samai, P.	EVALUATION OF ROTATOR CUFF INJURIES USING HIGH-FREQUENCY ULTRASONOGRAPHY AND ITS COMPARISON WITH MAGNETIC RESONANCE IMAGING FINDINGS	2023	Low Quality upon Appraisal - Keeping only Moderates and Highs for PICO 3
Myers, H.; Keefe, F. J.; George, S. Z.; Kennedy, J.; Lake, A. D.; Martinez, C.; Cook, C. E.	Effect of a Patient Engagement, Education, and Restructuring of Cognitions (PEERC) approach on conservative care in rotator cuff related shoulder pain treatment: a randomized control trial	2023	Non-surgical population and not relevant to PICO 3 or 6
Na, Y.; Zhu, Y.; Shi, Y.; Ren, Y.; Zhang, T.; Liu, W.; Han, C.	A meta-analysis comparing tenotomy or tenodesis for lesions of the long head of the biceps tendon with concomitant reparable rotator cuff tears	2019	Systematic Review; Bib Review Completed

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Nabergoj, M.; Bagheri, N.; Bonneville, N.; Gallinet, D.; Barth, J.; Labattut, L.; Metais, P.; Godeneche, A.; Garret, J.; Clavert, P.; Collin, P.	Arthroscopic rotator cuff repair: Is healing enough?	2021	Tear type was unspecified
Nada, M. G.; Almalki, Y. E.; Basha, M. A. A.; Libda, Y. I.; Zaitoun, M. M. A.; M. Abdalla AAE; Almolla, R. M.; Hassan, H. A.; Dawoud, T. M.; Eissa, A. H. Z.; Alduraibi, S. K.; Eldib, D. B.; Ziada, Ymaa	Biceps Pulley Lesions: Diagnostic Accuracy of Nonarthrographic Shoulder MRI and the Value of Various Diagnostic Signs	2023	irrelevant topic: diagnosis of bicep pulley lesions
Nadarajah, V.; Stevens, K. N.; Henry, L.; Jauregui, J. J.; Smuda, M. P.; Ventimiglia, D. J.; Gilotra, M. N.; Hasan, S. A.; Henn, R. F., 3rd	Patients undergoing shoulder surgery have high preoperative expectations	2020	Irrelevant topic: relationship between demographics and patient preop expectations
Nafisi, M.; Guity, M. R.; Bagheri, N.; Khabiri, S.	A Comparative study on the clinical results of arthroscopic rotator cuff repair and open repair surgery	2018	Inadequate follow-up time (6 months) - no adverse events reporting
Nakagawa, S.; Mizuno, N.; Sahara, W.; Mae, T.; Nakamura, H.	Insufficient integrity of partial articular surface tendon avulsion lesions after arthroscopic trans-tendon repair: Comparison with integrity after arthroscopic repair after conversion to a full thickness tear	2020	less than 10 patients per group for analysis
Nakamura, H.; Kamada, K.; Tarumi, M.; Tanimura, S.; Shibata, Y.; Horita, T.	Gadolinium-enhanced magnetic resonance imaging in shoulders contributes accurate diagnosis and predicting recurrence to patients with polymyalgia rheumatica	2021	irrelevant topic: diagnosis of polymyalgia rheumatica
Nakamura, Y.; Gotoh, M.; Mitsui, Y.; Nakamura, H.; Ohzono, H.; Okawa, T.; Shiba, N.	Preoperative hyaluronic acid injection modulates postoperative functional outcome in patients undergoing arthroscopic rotator cuff repair	2020	irrelevant topic: preoperative injections; ARCR for all patients
Nakamura, Y.; Yokoya, S.; Harada, Y.; Ochi, M.; Adachi, N.	Factors associated with pain in nonsurgically treated rotator cuff tears -A study with magnetic resonance imaging	2019	irrelevant comparison; persistent pain vs. no persistent pain following same non-op treatment
Nakhaie Amroodi, M.; Abdolahi Kordkandi, S.; Moghtadaei, M.; Farahini, H.; Amiri, S.; Hajjalizade, M.	A Study of Characteristic Features and Diagnostic Roles of X-ray and MRI in Calcifying Tendinitis of the Shoulder	2022	irrelevant diagnostic population: calcifying tendinitis; no relevant outcomes
Nalbant, M. O.; Inci, E.	The Efficiency of Gray-Level Ultrasound Histogram Analysis in Patients with Supraspinatus Tendinopathy	2023	irrelevant topic: diagnosis of supraspinatus tendinopathy

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Nam, J. H.; Park, S.; Lee, H. R.; Kim, S. H.	Outcomes After Limited or Extensive Bursectomy During Rotator Cuff Repair: Randomized Controlled Trial	2018	irrelevant comparison: RCR w/ extensive bursectomy vs. RCR limited bursectomy
Namdari, S.; Nicholson, T.; Brolin, T. J.; Lu, J.; Abboud, J. A.; Lazarus, M. D.	Healing and Functional Results of Dermal Allograft Augmentation of Complex and Revision Rotator Cuff Repairs	2021	no comparison group; revision repairs included
Namdari, S.; Voleti, P.; Baldwin, K.; Glaser, D.; Huffman, G. R.	Latissimus dorsi tendon transfer for irreparable rotator cuff tears: A systematic review	2012	Paper published before 2017 guideline last search date; systematic review
Naranjo-Cinto, F.; Falcon-Machado, G.; Garrido-Marin, A.; Senin-Camargo, F. J.; Jacome-Pumar, M. A.; Fernandez-Matias, R.; Pecos-Martin, D.; Gallego-Izquierdo, T.	Inter-and Intra-Examiner Reliability of Supraspinatus Muscle Tendon Palpation: A Cross-Sectional Study by Ultrasonography	2020	irrelevant population: 36 healthy participants
Narulla, R.; Song, M.; Karunaratne, S.; Smithers, C.; Petchell, J.	Trends in shoulder surgery patient-reported outcome measures	2023	systematic review
Narvani, A. A.; Imam, M. A.; Godeneche, A.; Calvo, E.; Corbett, S.; Wallace, A. L.; Itoi, E.	Degenerative rotator cuff tear, repair or not repair? A review of current evidence	2020	Literature review
Nasr, A. J.; Pierson, C. J.; Tzen, Y. T.; Khazzam, M.; Jain, N. B.; Lin, Y. S.	Emerging Role of Quantitative Ultrasound-Based Imaging Techniques for Characterizing Rotator Cuff Tears: A Scoping Review	2023	systematic review, bib review complete
Naunton, J.; Harrison, C.; Britt, H.; Haines, T.; Malliaras, P.	General practice management of rotator cuff related shoulder pain: A reliance on ultrasound and injection guided care	2020	irrelevant topic; trends in RCT treatment
Naunton, J.; Street, G.; Littlewood, C.; Haines, T.; Malliaras, P.	Effectiveness of progressive and resisted and non-progressive or non-resisted exercise in rotator cuff related shoulder pain: a systematic review and meta-analysis of randomized controlled trials	2020	systematic review
Navarro-Ledesma, S.; Fernandez-Sanchez, M.; Luque-Suarez, A.	Differences in supraspinatus occupation ratio between the symptomatic, the contralateral asymptomatic shoulder and control subjects: A cross-sectional study	2021	healthy control group
Navarro-Ledesma, S.; Struyf, F.; Falla, D.; Luque-Suarez, A.	Non-traumatic chronic shoulder pain is not associated with changes in rotator cuff interval tendon thickness	2019	irrelevant topic: differences in RC interval tendon thickness; no relevant outcomes

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Navas-Mosqueda, A.; Valera-Calero, J. A.; Varol, U.; Klich, S.; Navarro-Santana, M. J.; Fernandez-de-Las-Penas, C.; Rios-Leon, M.; Belon-Perez, P.; Cimadevilla-Fernandez-Pola, E.; Hervás-Perez, J. P.; Arias-Buria, J. L.	The Prevalence of Shoulder Disorders among Professional Bullfighters: A Cross-Sectional Ultrasonography Study	2022	no reference standard
Nayar, S. K.; Sabharwal, S.; Aziz, K. T.; Sriksmanan, U.; Giladi, A. M.; LaPorte, D. M.	Medicare Compensation Rates for Hand and Shoulder/Elbow Surgery by Operative Time: A Comparative Analysis	2020	irrelevant topic: not specific to rotator cuff
Nazari, G.; Bobos, P.; Lu, Z.; Reischl, S.; MacDermid, J. C.	Psychometric properties of Patient-Specific Functional Scale in patients with upper extremity disorders. A systematic review	2022	systematic review
Nazari, G.; Lu, S.; MacDermid, J. C.	Psychometric Properties of Performance-Based Functional Tests in Patients With Shoulder Pathologies: A Systematic Review and Meta-analysis	2020	systematic review
Nazari, G.; MacDermid, J. C.; Bobos, P.	Conservative versus Surgical Interventions for Shoulder Impingement: An Overview of Systematic Reviews of Randomized Controlled Trials	2020	systematic review
Nazari, G.; MacDermid, J. C.; Bryant, D.; Athwal, G. S.	The effectiveness of surgical vs conservative interventions on pain and function in patients with shoulder impingement syndrome. A systematic review and meta-analysis	2019	systematic review
Nazari, G.; MacDermid, J. C.; Bryant, D.; Dewan, N.; Athwal, G. S.	Effects of arthroscopic vs. mini-open rotator cuff repair on function, pain & range of motion. A systematic review and meta-analysis	2019	systematic review
Nazary-Moghadam, S.; Tehrani, M. R.; Kachoei, A. R.; Golmohammadzadeh, S.; Moradi, A.; Zare, M. A.; Zeinalzadeh, A.	Comparative effect of triamcinolone/lidocaine ultrasonophoresis and injection on pain, disability, quality of life in patients with acute rotator cuff related shoulder pain: a double blinded randomized controlled trial	2024	inadequate follow-up time (10 days) - no adverse events reporting
Nazzal, E. M.; Reddy, R. P.; Como, M.; Rai, A.; Greiner, J. J.; Fox, M. A.; Lin, A.	Reverse shoulder arthroplasty with preservation of the rotator cuff for primary glenohumeral osteoarthritis has similar outcomes to anatomic total shoulder arthroplasty and reverse shoulder arthroplasty for cuff arthropathy	2023	irrelevant population/comparison: RSA for OA w/ intact RC vs. RSA for RCA
Neel, G. B.; Boettcher, M. L.; Eichinger, J. K.; Friedman, R. J.	Clinical and radiographic outcomes following reverse total shoulder arthroplasty in patients 60 years of age and younger	2022	Mixed Population w/o Stratification: OA, OA w/ Rotator cuff tear, Rotator cuff tear arthropathy, posttraumatic arthritis, and inflammatory arthropathy

Authors	Article Title	Year	Reason for Exclusion
Neel, G. B.; Eichinger, J. K.; Roche, C.; Flurin, P. H.; Wright, T. W.; Zuckerman, J. D.; Friedman, R.	Prospective observational study of anatomic and reverse total shoulder arthroplasty using a single implant system with long-term follow-up	2023	Mixed Population w/o Stratification: OA, OA with Rotator cuff tear, Rotator cuff tear arthropathy, post-traumatic arthritis, inflammatory arthropathy
Nelson, C.; Reiter, C.; Cyrus, J.; Satalich, J.; O'Connell, R.; Vap, A.	Indications, management, and outcomes of humeral avulsions of the glenohumeral ligament: a systematic review	2022	Systematic review; bib review complete
Nelson, R.; Lowe, J. T.; Lawler, S. M.; Fitzgerald, M.; Mantell, M. T.; Jawa, A.	Lateralized Center of Rotation and Lower Neck-Shaft Angle Are Associated With Lower Rates of Scapular Notching and Heterotopic Ossification and Improved Pain for Reverse Shoulder Arthroplasty at 1 Year	2018	Mixed Population w/o Stratification (see extended note)
Nemirov, D. A.; Herman, Z.; Paul, R. W.; Beucherie, M.; Hadley, C. J.; Ciccotti, M. G.; Freedman, K. B.; Erickson, B. J.; Hammoud, S.; Bishop, M. E.	Evaluation of Rotator Cuff Repair With and Without Concomitant Biceps Intervention: A Retrospective Review of Patient Outcomes	2022	irrelevant population: small to massive tears; comparison irrelevant to any other PICOs
Nerot, C.; Berhouet, J.; Garret, J.; Kany, J.; ReSurg,; SoFec,; Godeneche, A.; van Rooij, F.; Hibon, A.; Nover, L.; Saffarini, M.; Aswad, R.; Hubert, L.; Mansat, P.; Gallinet, D.; Guery, J.; Josserand, L. N.; Sirveaux, F.; Peduzzi, L.	Better Constant Scores and Active Forward Elevation Using Deltopectoral Versus Anterosuperior Approach for Reverse Shoulder Arthroplasty: Matched Cohort Study	2024	Irrelevant Population: 49% Massive Irreparable Tears, no stratification between conditions
Nesterenko, V. A.; Karateev, A. E.; Makarov, M. A.; Byalik, E. I.; Makarov, S. A.; Lila, A. M.	Comparison of the effectiveness of subacromial administration of platelet-rich plasma and hyaluronic acid in chronic shoulder pain caused by damage to the tendons of the rotator cuff muscles according to a 6-month open clinical study	2020	study is published in Russian- only the abstract is in English
Nesterenko, V.; Karateev, A.; Bialik, E.; Makarov, M.; Makarov, S.; Bialik, V.; Nurmukhametov, M.; Chernikova, A.	Comparison of the effect of subacromial administration of hyaluronic acid and platelet rich plasma in cases of damage to the tendons of the rotators of the shoulder in individuals of different age groups	2021	abstract only; final study not yet published
Nganga, M.; Lizarondo, L.; Krishnan, J.; Stephenson, M.	Management of full thickness rotator cuff tears in the elderly: a systematic review protocol	2018	Protocol for a Sys Review
Nguyen, M. H.; Do, N. T.; Phan, H. H.; LÃª, Q. T.	Rotator cuff injuries: Magnetic resonance imaging observation and comparison with arthroscopy rotator cuff injuries	2020	Low Quality upon Appraisal - Keeping only Moderates and Highs for PICO 3
Ni, L.; Yan, Y.; Fu, Y.; Sheng, J.; Qu, H.; Ru, X.	Analgesic effect and safety of a half-dose transdermal buprenorphine patch after arthroscopic rotator cuff repair	2024	irrelevant comparisons: high vs. low dose opioid

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Nichols, M. S.; Jacobs, C. A.; Lemaster, N. G.; Magnuson, J. A.; Mair, S. D.; Ortiz, S. F.; Hettrich, C. M.	Psychosocial factors play a greater role in preoperative symptoms for patients with atraumatic shoulder instability: data from the MOON-Shoulder Instability group	2023	Irrelevant topic: risk factors for preoperative symptoms
Nicholson, A. D.; Apostolakos, J. M.; Mathew, J. I.; Blaine, T. A.; Taylor, S. A.; Dines, D. M.; Dines, J. S.; Fu, M. C.; Warren, R. F.; Gulotta, L. V.; Kontaxis, A.	Biomechanical comparison of 3 latissimus dorsi transfer sites for reverse total shoulder arthroplasty in the absence of teres minor	2022	Not a human subject study; biomechanical study
Nicholson, A. D.; Estrada, J. A.; Mathew, J. I.; Finocchiario, A.; Pinnamaneni, S.; Okeke, L.; Dines, D. M.; Dines, J. S.; Taylor, S. A.; Warren, R. F.; Cordasco, F. A.; Rodeo, S. A.; Gulotta, L. V.	Minimum 15-year follow-up for clinical outcomes of arthroscopic rotator cuff repair	2022	Mixed Population w/o Stratification: partial and full-thickness tears
Nicholson, J. A.; Jones, R.; MacDonald, D. J.; Brown, I.; McBirnie, J.	Cost-effectiveness of the reverse total shoulder arthroplasty. Does indication affect outcome?	2021	cost analysis; irrelevant comparison: primary vs. revision arthroplasty
Nicholson, T. A.; Kirsch, J. M.; Churchill, R.; Lazarus, M. D.; Abboud, J. A.; Namdari, S.	The effect of tranexamic acid for visualization on pump pressure and visualization during arthroscopic rotator cuff repair: an anonymized, randomized controlled trial	2022	irrelevant comparison: intravenous tranexamic acid vs. control during RCT repair
Nida, R.; Khan, S. F.	ROLE OF ULTRASONOGRAPHY IN EVALUATION OF ROTATOR CUFF INJURY	2022	No relevant outcomes; no reference test
Niitsu, M.; Saruya, S.; Sakaguchi, K.; Watarai, K.; Yoneyama, M.; Katsumata, Y.; Inoue, K.; Kozawa, E.	Motion-robust MR imaging of the shoulder using compressed SENSE MultiVane	2022	irrelevant topic: motion artifacts on imaging
Nocera, N. L.; Burke, C. J.; Gyftopoulos, S.; Adler, R. S.	Ultrasound-MRI Correlation for Healing of Rotator Cuff Repairs Using Power Doppler, Sonographic Shear Wave Elastography and MR Signal Characteristics: A Pilot Study	2021	Small sample size: 12 total patients; irrelevant topic
Nodehi Moghadam, A.; Rahnama, L.; Noorizadeh Dehkordi, S.; Abdollahi, S.	Exercise therapy may affect scapular position and motion in individuals with scapular dyskinesis: a systematic review of clinical trials	2020	systematic review
Noes, G. R.; Haik, M. N.; Pott-Junior, H.; Barreto, R. P. G.; Ribeiro, L. P.; Rosa, D. P.; Camargo, P. R.	Is the angular onset of pain during arm elevation associated to functioning in individuals with rotator cuff related shoulder pain?	2022	Non-surgical population and not relevant to PICO 3 or 6
Noffs, G. G.; Costa, L. A. V.	Rotator cuff repair and return to sports practice in athletes older than 35 years: Is it possible? A systematic review	2023	systematic review

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North, D.; Hones, K. M.; Jenkins, P.; Sipavicius, E.; Zermeno Salinas, J. L.; Hao, K. A.; Schoch, B. S.; Wright, T. W.; Gulotta, L. V.; King, J. J.	How common is nerve injury after reverse shoulder arthroplasty? A systematic review	2023	systematic review
Nove-Josserand, L.; Chauvet, T.; Baudin, F.; Godeneche, A.; Collotte, P.; Vieira, T. D.; Haritnian, E.	Subcapularis tendon tear: A structure-based arthroscopic description	2021	Irrelevant Topic: Structure Based Description of SSC Tendon
Noyes, M. P.; Denard, P. J.	Outcomes Following Double-Row and Medial Double-Pulley Rotator Cuff Repair	2021	no comparison group
Nugent, R. E.; Cheesman, Q. T.; Bradian, A. K.; Austin, L. S.	Improvements in sexual function following arthroscopic rotator cuff repair	2021	No comparison group; inadequate follow-up time; tear type not specified
Nuhmani, S.; Khan, M. H.; Ahsan, M.; Abualait, T. S.; Muaidi, Q.	Dry needling in the management of tendinopathy: A systematic review of randomized control trials	2023	systematic review
Nunes, B.; Martins, J.; Lopes, J.; Ângelo, A. C.; de Campos Azevedo, C.; Sevivas, N.; da Silva, M. R.	Superior Capsular Reconstruction with the Long Head of the Biceps: a Systematic Review of Biomechanical and Clinical Studies	2022	systematic review
Nunes, B.; Martins, R.; Linhares, D.; Azevedo, L.; Canadas, R.; Gutierrez, M.	Effect of Platelet-Rich Plasma Dosing for Healing after Arthroscopic Cuff Repair Compared with Surgery Alone: A Systematic Review and Meta-Analysis	2024	Systematic Review; Bib Review Completed
Nunes, J.; Andrade, R.; Azevedo, C.; Ferreira, N. V.; Oliveira, N.; Calvo, E.; Espregueira-Mendes, J.; Sevivas, N.	Improved Clinical Outcomes After Lateralized Reverse Shoulder Arthroplasty: A Systematic Review	2022	systematic review
Nwankpa, C.; Razi, A.; Ring, D.; Ramtin, S.	Inordinate attention to minor pathophysiology variations in musculoskeletal research: example of rotator cuff tendinopathy	2024	Systematic Review, Bib Review Complete
Nyffeler, R. W.; Schenk, N.; Bissig, P.	Can a simple fall cause a rotator cuff tear? Literature review and biomechanical considerations	2021	systematic review
O'Donnell, E. A.; Fu, M. C.; White, A. E.; Taylor, S. A.; Dines, J. S.; Dines, D. M.; Warren, R. F.; Gulotta, L. V.	The Effect of Patient Characteristics and Comorbidities on the Rate of Revision Rotator Cuff Repair	2020	Tear type was unspecified
O'Dowd, A.	Update on the Use of Platelet-Rich Plasma Injections in the Management of Musculoskeletal Injuries: A Systematic Review of Studies From 2014 to 2021	2022	systematic review

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O'Reilly, O. C.; Day, M. A.; Skaltitzky, M. K.; Gulbrandsen, T. R.; Patterson, B. M.	Utilization of reverse shoulder arthroplasty for the treatment of glenohumeral arthritis among American Board of Orthopaedic Surgery (ABOS) Part II candidates, 2008-2019	2022	irrelevant population: glenohumeral arthritis with exclusion of RC tears
Oak, S. R.; Kobayashi, E.; Gagnier, J.; Denard, P. J.; Sears, B. W.; Gobeze, R.; Lederman, E.; Werner, B. C.; Bedi, A.; Miller, B. S.	Patient reported outcomes and ranges of motion after reverse total shoulder arthroplasty with and without subscapularis repair	2022	Mixed Population w/o Stratification: partial thickness tears, full thickness tears, Rotator cuff arthropathy, irreparable tears, Avascular necrosis, and proximal humerus fracture
Obama, Y.; Ohno, Y.; Yamamoto, K.; Ikeda, M.; Yui, M.; Hanamatsu, S.; Ueda, T.; Ikeda, H.; Murayama, K.; Toyama, H.	MR imaging for shoulder diseases: Effect of compressed sensing and deep learning reconstruction on examination time and imaging quality compared with that of parallel imaging	2022	No relevant outcomes
Obeidat, N.; Al-Mnayyis, A.; Essa, S. B.; Alkhatatba, M.; Al Qudah, H.; Aljarrah, M. M.; Alshgerat, Y.; Al-Tawarh, A.; Al-Titi, R.; Alzuqaili, T.; Samir, W.	Early career accuracy of shoulder ultrasound in evaluating rotator cuff tendon tears	2024	Low Quality upon Appraisal - Keeping only Moderates and Highs for PICO 3
Ode, G. E.; Ling, D.; Finocchiaro, A.; Lai, E. Y.; Taylor, S. A.; Dines, J.; Dines, D.; Warren, R.; Gulotta, L.	Clinical characteristics and patient-reported outcomes of total shoulder arthroplasty after anterior stabilization: a retrospective matched control study	2020	irrelevant comparison: revision TSA for history of anterior shoulder stabilization vs. primary TSA for OA
Ogbeivor, C.	Needle placement approach to subacromial injection in patients with subacromial impingement syndrome: A systematic review	2019	systematic review
Ogbeivor, C.; Bandaru, S.; Milton, C.	A comparison of the effectiveness of lateral versus posterior approach to shoulder injection in patients with subacromial impingement syndrome: A pragmatic randomized controlled trial	2019	irrelevant comparison; injection site- same injection formula
Ogul, H.; Tas, N.; Ay, M.; Kose, M.; Kantarci, M.	Sonoarthrographic examination of posterior labrocapsular structures of the shoulder joint	2020	irrelevant topic: diagnosis of labral tears
Ogul, H.; Tuncer, K.; Kose, M.; Pirimoglu, B.; Kantarci, M.	MR arthrographic characterization of posterior capsular folds in shoulder joints	2019	irrelevant topic: diagnosis of posterior capsular folds and labral tears
Oh, D. K.; Yoon, Y. C.; Kwon, J. W.; Choi, S. H.; Jung, J. Y.; Bae, S.; Yoo, J.	Comparison of indirect isotropic MR arthrography and conventional MR arthrography of labral lesions and rotator cuff tears: a prospective study	2009	excluded from previous guideline: *Not best available (moderate quality)
Oh, H. S.; Kim, S.; Hyun, J. H.; Kim, M. S.	Effect of subacromial erosion shape on rotator cuff and clinical outcomes after hook plate fixation in type 5 acromioclavicular joint dislocations: a retrospective cohort study	2022	irrelevant population; acromioclavicular joint dislocations

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Oh, J. H.; Chung, S. W.; Oh, K. S.; Yoo, J. C.; Jee, W.; Choi, J. A.; Kim, Y. S.; Park, J. Y.	Effect of recombinant human growth hormone on rotator cuff healing after arthroscopic repair: preliminary result of a multicenter, prospective, randomized, open-label blinded end point clinical exploratory trial	2018	biologics with repair - injections given postop
Oh, J. H.; Jung, B.; Kim, E. S.; Kim, N.; Ha, I. H.	The effect of continuity of care on medical costs in patients with chronic shoulder pain	2021	cost analysis
Oh, J. H.; Kim, D. H.; Jeong, H. J.; Park, J. H.; Rhee, S. M.	Effect of Recombinant Human Parathyroid Hormone on Rotator Cuff Healing After Arthroscopic Repair	2019	irrelevant topic: post-op teriparatide injections effect on healing
Oh, J. H.; Kim, J. Y.; Choi, J. H.; Park, S. M.	Is arthroscopic distal clavicle resection necessary for patients with radiological acromioclavicular joint arthritis and rotator cuff tears? A prospective randomized comparative study	2014	irrelevant comparison: RCR w/ distal clavicle resection vs. RCR
Oh, J. H.; Lee, Y. H.; Lee, T. H.; Jang, S. I.; Kwon, J.	The Natural History of High-Grade Partial Thickness Rotator Cuff Tears: The Conversion Rate to Full Thickness Tears and Affecting Factors	2020	irrelevant topic: natural progression of partial thickness tears
Oh, J. H.; Park, J. H.; Jeong, H. J.; Rhee, S. M.	Comparing Clinical Outcomes After Subacromial Spacer Insertion Versus Other Reconstruction Methods in the Treatment of Irreparable Massive Rotator Cuff Tears	2019	mixed population in comparison group (see extended note)
Oh, J. H.; Park, J. S.; Rhee, S. M.; Park, J. H.	Maximum Bridging Suture Tension Provides Better Clinical Outcomes in Transosseous-Equivalent Rotator Cuff Repair: A Clinical, Prospective Randomized Comparative Study	2020	Irrelevant Comparison: Suture Tension
Oh, J. H.; Rhee, K. Y.; Kim, S. H.; Lee, P. B.; Lee, J. W.; Lee, S. J.	Comparison of analgesic efficacy between single interscalene block combined with a continuous intra-bursal infusion of ropivacaine and continuous interscalene block after arthroscopic rotator cuff repair	2009	Irrelevant Comparison: Continuous Interscalene Block (CISB)-perineural catheter inserted via interscalene or parascapular approach with ultrasound, using 15ml of 0.15% ropivacaine vs. Intra-bursal infusion (ISB-IB), a single injection interscalene block was performed using 20ml of 0.25% ropivacaine via the interscalene approach.
Oh, J. H.; Rhee, S. M.; Park, J. H.; Lee, K. J.; Yoon, J. Y.; Jeon, Y. D.; Kim, H. S.	Quantitative magnetic resonance imaging assessment of the infraspinatus and teres minor in massive rotator cuff tear and its significance in clinical outcome after rotator cuff repair	2022	irrelevant topic: predictor of clinical outcome after cuff repair; no relevant risk factors
Oh, J. H.; Sharma, N.; Rhee, S. M.; Park, J. H.	Do individualized humeral retroversion and subscapularis repair affect the clinical outcomes of reverse total shoulder arthroplasty?	2020	irrelevant topic; retroversion angle and RTSA
Oh, J. H.; Yoon, J. P.; Kim, J. Y.; Kim, S. H.	Effect of expectations and concerns in rotator cuff disorders and correlations with preoperative patient characteristics	2012	previous guideline extracted for female vs. male as risk factor; does not fit new pico sheet requirements

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Oh, S. B.; Jeong, J. J.; Ji, J. H.; Patel, K.; Hwang, W. H.; Cho, J. H.	Medialization of medial row anchor via the Nevasier portal yield enhanced footprint and outcomes in medium-to-large rotator cuff tears	2019	irrelevant comparison by insertion angle of medial row anchor
Oh, S. Y.; Jang, Y. H.; Chae, I. S.; Kim, S. H.	Prevalence and Clinical Impact of Acromial Cupping after Arthroscopic Rotator Cuff Repair: Does Acromioplasty Matter?	2021	not a randomized controlled trial for PICO 2
Ohta, S.; Yoshiyuki, U.; Komai, O.	Postoperative results of arthroscopic superior capsule reconstruction using fascia lata: A retrospective cohort study	2023	irrelevant comparison: pseudoparalytic shoulder vs nonpseudoparalytic shoulder
Ok, J. H.; Kim, Y. S.; Kim, J. M.; Yoo, T. W.	Learning curve of office-based ultrasonography for rotator cuff tendons tears	2013	Low Quality upon Appraisal - Keeping only Moderates and Highs for PICO 3
Okoroha, K. R.; Muh, S.; Gabbard, M.; Evans, T.; Roche, C.; Flurin, P. H.; Wright, T. W.; Zuckerman, J. D.	Early outcomes of shoulder arthroplasty according to sex	2019	Irrelevant Population (see extended note)
Okuno, Y.; Yasumoto, T.; Koganemaru, M.; Suyama, Y.; Nishiofuku, H.; Horikawa, M.; Komemushi, A.	Transarterial Embolization of Neovascularity for Refractory Nighttime Shoulder Pain: A Multicenter, Open-Label, Feasibility Trial	2022	No comparison group; Mixed population w/o stratification
Okutan, A. E.; Gul, O.	Pseudoparalysis and Acromiohumeral Interval Reversibility Are the Most Important Factors Affecting the Achievement of Patient-Acceptable Symptom State After Arthroscopic-Assisted Latissimus Dorsi Tendon Transfer	2022	no comparison group; not relevant to risk factors (revision surgeries included)
Oladimeji, A. E.; Amoo-Achampong, K.; Ode, G. E.	Impact of critical shoulder angle in shoulder pathology: a current concepts review	2024	Narrative Review
Olaosebikan, H.; Azenabor, A.; Akintayo, R.; Adelowo, O.; Ogbera, A.; Brodie-Mends, A.	Spectrum of musculoskeletal disorders in Nigerians with types 2 diabetes mellitus: prevalence and predictors	2020	Non-surgical population and not relevant to PICO 3 or 6
Olson, J. J.; Galetta, M. D.; Keller, R. E.; Oh, L. S.; O'Donnell, E. A.	Systematic review of prevalence, risk factors, and management of instability following reverse shoulder arthroplasty	2022	Systematic Review; Bib Review Completed
Olson, J. J.; Hill, J. R.; Wang, J.; Sefko, J. A.; Teefey, S. A.; Middleton, W. D.; Keener, J. D.	Predictors of Pain Development for Contralateral Asymptomatic Degenerative Rotator Cuff Tears based on Features of a Ipsilateral Painful Cuff Tear - A Prospective Longitudinal Cohort Study	2023	Mixed Population w/o Stratification: partial and full thickness rotator cuff tears
Oner, K.; Okutan, A. E.; Ayas, M. S.; Paksoy, A. E.; Polat, F.	Predicting postoperative pain with neutrophil/lymphocyte ratio after arthroscopic rotator cuff repair	2020	Inadequate follow-up time - no adverse events reporting
Onks, C.; Silvis, M.; Loeffert, J.; Tucker, J.; Gallo, R. A.	Conservative care or surgery for rotator cuff tears?	2020	Narrative Review

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Onks, C.; Weaver, L.; Latorre, J.; Silvis, M.; Berg, A.; Phillips, S.; Loeffert, J.; French, C.; Armstrong, A.	The most effective corticosteroid dose in the treatment of glenohumeral osteoarthritis: feasibility pilot and protocol for double blinded randomized controlled trial	2024	irrelevant population: GHOA, no rotator cuff; less than 10 patients per group
Ooi, C. C.; Wong, S. K.; Ma, V. C.; Tan, G. M.; Teng, K. Q.; Mohamed, S. N.; Png, M. A.	The prevalence of neovascularity in rotator cuff tendinopathy: comparing conventional Doppler with superb microvascular imaging	2022	no relevant outcomes
Oorschot, C.; Mohammed, K.; Austen, M.; O'Loughlin, E.; Spillane, J.	Choosing Wisely: the lack of validity of ultrasound scans in the investigation of shoulder instability	2022	Sample Size too Small, <20 pts
Oppong, R.; Jowett, S.; Lewis, M.; Roddy, E.; Ogollah, R. O.; Zwierska, I.; Datta, P.; Hall, A.; Hay, E.; Shufflebotham, J.; Stevenson, K.; van der Windt, D. A.; Young, J.; Foster, N. E.	The cost-effectiveness of different approaches to exercise and corticosteroid injection for subacromial pain (impingement) syndrome	2021	cost analysis
Orchard, J. W.; Saw, R.; Masci, L.	The Use of Ultrasound-Guided Injections for Tendinopathies	2018	Narrative Review
Orozco, E.; Dhillon, J.; Keeter, C.; Brown, T. D.; Kraeutler, M. J.	Rotator Cuff Repair With Patch Augmentation Is Associated With Lower Retear Rates for Large Tears: A Systematic Review of Randomized Controlled Trials	2023	systematic review
Ortega-Castillo, M.; Cuesta-Vargas, A.; Luque-Teba, A.; Trinidad-Fernandez, M.	The role of progressive, therapeutic exercise in the management of upper limb tendinopathies: A systematic review and meta-analysis	2022	systematic review
Ortega-Cebrian, S.; Girabent-Farres, M.; Whiteley, R.; Bagur-Calafat, C.	Physiotherapy Rehabilitation in Subjects Diagnosed with Subacromial Impingement Syndrome Does Not Normalize Periscapular and Rotator Cuff Muscle Onset Time of Activation	2021	No Comparison Group; Biomechanical Study
Osterholt, A. C.; Link, T. W.; Abrar, D. B.; Mewes, A. D.; Hufeland, M.; Schleich, C.; Bittersohl, B.	Diagnostic performance of a 3D double-echo steady-state sequence at 3 T using radial reformats for detecting and grading rotator cuff tears: a pilot diagnostic accuracy study with magnetic resonance imaging and arthroscopic correlation	2023	n = 16 for extractable data
Osti, L.; Buda, M.; Andreotti, M.; Gerace, E.; Osti, R.; Massari, L.; Maffulli, N.	Arthroscopic-assisted latissimus dorsi transfer for massive rotator cuff tear: a systematic review	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Osti, L.; Buda, M.; Andreotti, M.; Osti, R.; Massari, L.; Maffulli, N.	Transtendon repair in partial articular supraspinatus tendon tear	2017	systematic review, bib review complete

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Osti, L.; Buono, A. D.; Maffulli, N.	Pulsed electromagnetic fields after rotator cuff repair: a randomized, controlled study	2015	Irrelevant Comparison: Pulsed Electromagnetic Fields do not fit PICO 9, also postop
Osti, L.; Milani, L.; Ferrari, S.; Maffulli, N.	Subacromial spacer implantation: an alternative to arthroscopic superior capsular reconstruction. A systematic review	2021	systematic review, bib review complete
Osti, L.; Milani, L.; Gerace, E.; Padovani, S.; Massari, L.; Maffulli, N.	Arthroscopic superior capsular reconstruction versus latissimus dorsi transfer for irreparable rotator cuff lesions: a systematic review	2020	systematic review, bib review complete
Otte, R. S.; Naylor, A. J.; Blanchard, K. N.; Cancienne, J. M.; Chan, W.; Romeo, A. A.; Garrigues, G. E.; Nicholson, G. P.	Salvage reverse total shoulder arthroplasty for failed anatomic total shoulder arthroplasty: a cohort analysis	2020	no comparison group; mixed population
Oudelaar, B. W.; Huis In 't Veld, R.; Schepers-Bok, R.; Ooms, E. M.; Nelissen, Rghh; Vochteloo, A. J. H.	Prognostic factors for the outcome of needle aspiration of calcific deposits for rotator cuff calcific tendinitis	2020	Irrelevant population; No comparison group (see extended note)
Overbeek, C. L.; Gademan, M. G. J.; Kolk, A.; Visser, C. P. J.; van der Zwaal, P.; Nagels, J.; Nelissen, Rghh	Reduced psychosocial functioning in subacromial pain syndrome is associated with persistence of complaints after 4 years	2021	Non-surgical population and not relevant to PICO 3 or 6
Overbeek, C. L.; Kolk, A.; de Witte, P. B.; Nagels, J.; Nelissen, Rghh; de Groot, J. H.	Pain does not explain reduced teres major co-contraction during abduction in patients with Subacromial Pain Syndrome	2022	no relevant outcomes: biomechanical study; no comparison group
Ozal, S.; Atalay Guzel, N.; Kaptan, A. Y.; Eren, T. K.; Kafa, N.	Validity and Reliability of the Turkish Version of Western Ontario Osteoarthritis of the Shoulder Index	2021	irrelevant topic: validation of Turkish WOOS
Ozcamdalli, M.; Eken, G.; Misir, A.; Oguzkaya, S.; Uzun, E.	The effect of watching shoulder ROM changes on functional outcome and quality of life following arthroscopic rotator cuff repair	2022	irrelevant comparison: watching video of ROM vs. not
Ozcan, S.; Yurten, H.	The Effect of Acromioplasty Performed During Rotator Cuff Repairs on Clinical Outcomes in Patients With Type 3 Acromion: A Retrospective Study	2023	Not a randomized controlled trial; PICO 2 is RCT only update
Ozdemir, F.; Ayanoglu, T.; Dagistan, E.; Kalaycioglu, O.; Celik, I.; Kalfaoglu, M. E.; Kanatli, U.	Can coracoacromial ligament degeneration be evaluated with preoperative MRI?	2024	irrelevant topic: coracoacromial degeneration and CAL thickness
Ozel, D.; Demir, Y.; Ozel, B. D.; Adas, M.	A novel measurement to evaluate supraspinatus tendinopathies with strain elastography	2021	No relevant outcomes
Ozgen, M.; Firat, S.; Sarsan, A.; Topuz, O.; ArdiÅš, F.; Baydemir, C.	Short- and long-term results of clinical effectiveness of sodium hyaluronate injection in supraspinatus tendinitis	2012	duplicate to ID 7991

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Ozlu, A.; Ustundag, S.; Bulut Ozkaya, D.; Menekseoglu, A. K.	Effect of Exergame on Pain, Function, and Quality of Life in Shoulder Impingement Syndrome: A Prospective Randomized Controlled Study	2024	Non-surgical population and not relevant to PICO 3 or 6
Paavola, M.; Kanto, K.; Ranstam, J.; Malmivaara, A.; Inkinen, J.; Kalske, J.; Savolainen, V.; Sinisaari, I.; Taimela, S.; Jarvinen, T. L.	Subacromial decompression versus diagnostic arthroscopy for shoulder impingement: a 5-year follow-up of a randomised, placebo surgery controlled clinical trial	2021	Irrelevant population: partial and full thickness tears were excluded
Paavola, M.; Malmivaara, A.; Taimela, S.; Kanto, K.; Inkinen, J.; Kalske, J.; Sinisaari, I.; Savolainen, V.; Ranstam, J.; Jarvinen, T. L. N.	Subacromial decompression versus diagnostic arthroscopy for shoulder impingement: randomised, placebo surgery controlled clinical trial	2018	Irrelevant population: SIS patients (partial and full thickness RC tears were excluded)
Pachito, D. V.; Latorraca, C. O. C.; Riera, R.	Efficacy of platelet-rich plasma for non-transfusion use: Overview of systematic reviews	2019	systematic review
Paclot, J.; Saab, M.; Szymanski, C.; Maynou, C.; Amouyel, T.	A low teres minor index of trophicity negatively impacts the functional outcomes of reverse shoulder arthroplasty	2021	Less than 10 patients per group (n=8, n=24) and an irrelevant comparison
Padaki, A. S.; Boddapati, V.; Mathew, J.; Ahmad, C. S.; Jobin, C. M.; Levine, W. N.	The effect of age on short-term postoperative complications following arthroscopic rotator cuff repair	2019	tear type not specified
Padhy, L.; Ray, S.; Mohapatra, S. S.; Ray, S.	PREVALENCE AND CHARACTERIZATION OF ROTATOR CUFF TEAR IN PATIENTS HAVING FROZEN SHOULDER BY ULTRASOUND AND MAGNETIC RESONANCE IMAGING	2023	Low Quality upon Appraisal - Keeping only Moderates and Highs for PICO 3
Padua, R.; de Girolamo, L.; Grassi, A.; Cucchi, D.	Choosing patient-reported outcome measures for shoulder pathology	2021	systematic review
Pagan-Conesa, A.; Garcia-Ortiz, M. T.; Salmeron-Martinez, E. J.; Moya-Martinez, A.; Lopez-Prats, F.	Diagnostic Ultrasound Shows Reversal of Supraspinatus Muscle Atrophy Following Arthroscopic Rotator Cuff Repair	2021	no relevant outcomes for PICO 3; no comparison group; mixed population
Page, M. J.; Huang, H.; Verhagen, A. P.; Gagnier, J. J.; Buchbinder, R.	Outcome Reporting in Randomized Trials for Shoulder Disorders: Literature Review to Inform the Development of a Core Outcome Set	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Page, M. J.; O'Connor, D. A.; Malek, M.; Haas, R.; Beaton, D.; Huang, H.; Ramiro, S.; Richards, P.; Voshaar, M. J. H.; Shea, B.; Verhagen, A. P.; Whittle, S. L.; van der Windt, D. A.; Gagnier, J. J.; Buchbinder, R.	Patients' experience of shoulder disorders: a systematic review of qualitative studies for the OMERACT Shoulder Core Domain Set	2019	Systematic Review; Bib Review Completed

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Page, R. S.; Fraser-Moodie, J. A.; Bayne, G.; Mow, T.; Lane, S.; Brown, G.; Gill, S. D.	Arthroscopic repair of inferior glenoid labrum tears (Down Under lesions) produces similar outcomes to other glenoid tears	2021	irrelevant population: labrum tears
Pairot de Fontenay, B.; Mercier, C.; Bouyer, L.; Savoie, A.; Roy, J. S.	Upper limb active joint repositioning during a multijoint task in participants with and without rotator cuff tendinopathy and effect of a rehabilitation program	2020	Non-surgical population and not relevant to PICO 3 or 6; irrelevant controls: healthy participants
Pak, S. S.; Janela, D.; Freitas, N.; Costa, F.; Moulder, R.; Molinos, M.; Areias, A. C.; Bento, V.; Cohen, S. P.; Yanamadala, V.; Souza, R. B.; Correia, F. D.	Comparing Digital to Conventional Physical Therapy for Chronic Shoulder Pain: Randomized Controlled Trial	2023	irrelevant population for PICO 5: non-surgical
Pak, T.; Ardebol, J.; Menendez, M. E.; Gobezie, R.; Sears, B. W.; Lederman, E.; Shah, A.; Bedi, A.; Parsons, B.; Erickson, B.; Miller, B.; O'Grady, C.; Davis, D.; Lutton, D.; Tokish, J.; Steinbeck, J.; Lee, J.; Farmer, K.; Provencher, M.; Bercik, M.; Kissenberth, M.; Raiss, P.; Habermeyer, P.; Moroder, P.; Huffman, R.; Harmsen, S.; Lenters, T.; Burrus, T.; Brolin, T.; Romeo, A.; Creighton, R.; Griffin, J.; Werner, B. C.; Denard, P. J.	Robert H. Cofield, MD, Award for Best Oral Presentation 2023: Up to 8 mm of glenoid-sided lateralization does not increase the risk of acromial or scapular spine stress fracture following reverse shoulder arthroplasty with a 135° inlay humeral component	2024	no comparison group; mixed population
Pak, T.; Hwang, S.; Ardebol, J.; Ghayyad, K.; Menendez, M. E.; Gobezie, R.; Denard, P. J.	Arthroscopic Repair of Massive Rotator Cuff Tears Leads to Functional Improvement in Most Patients at 4-Year Follow-up	2023	No Comparison Group
Paltoglou, N. G.; Gill, S. D.; Lorimer, M.; Corfield, S.; Page, R. S.	Does hospital setting influence shoulder replacement revision rate? A national comparison of outcomes between private and public settings	2023	No relevant comparison; irrelevant population
Panattoni, N.; Longo, U. G.; De Salvatore, S.; Castaneda, N. S. C.; Risi Ambrogioni, L.; Piredda, M.; De Marinis, M. G.; Denaro, V.	The influence of psychosocial factors on patient-reported outcome measures in rotator cuff tears pre- and post-surgery: a systematic review	2022	systematic review
Panchal, K. A.; Moharana, A. K.; Angrish, S.; Ts, D.	Assessment of Safety, Efficacy, and Functional Outcomes After Rotator Cuff Repair Using Ceptre R Titanium Screw Anchor: A Retrospective Study	2023	no comparison group

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Pandey, V.; Madi, S.	A Retrospective Study on the Efficacy, Safety, and Clinical and Radiological Outcomes of PEEK Anchors (CEPTRE R Knotted Suture Anchor and VIPLOK R Knotless Anchor) in the Treatment of Rotator Cuff Repairs	2023	No comparison group
Pang, L.; Li, T.; Li, Y.; Cao, Y.; Li, J.; Zhu, J.; Tang, X.	Combined arthroscopic rotator cuff repair leads to better clinical outcomes than isolated removal of calcific deposits for shoulder calcific tendinitis: A 2- to 5-year follow-up study	2022	irrelevant population; calcific tendinitis
Pang, L.; Xu, Y.; Li, T.; Li, Y.; Zhu, J.; Tang, X.	Platelet-Rich Plasma Injection Can Be a Viable Alternative to Corticosteroid Injection for Conservative Treatment of Rotator Cuff Disease: A Meta-analysis of Randomized Controlled Trials	2023	systematic review
Pang, L.; Yao, L.; Wang, Z.; Li, T.; Li, Y.; Zhang, C.; Tang, X.	Bone Marrow Stimulation Does Not Lead to Lower Retear Rates, Better Functional Outcomes, or Higher Complication Rates at Short-Term Follow-Up for Arthroscopic Rotator Cuff Repair: A Meta-analysis of Randomized Controlled Trials	2024	Systematic Review; Bib Review Completed
Panzert, J.; Hepp, P.; Hellfritsch, M.; Sasse, A.; Theopold, J.	Supraspinatus tendon reconstruction using open infraspinatus tendon shift and autologous biceps tendon interposition grafts	2022	No comparison group
Paolucci, T.; Agostini, F.; Conti, M.; Cazzolla, S.; Mussomeli, E.; Santilli, G.; Poso, F.; Bernetti, A.; Paoloni, M.; Mangone, M.	Comparison of Early versus Traditional Rehabilitation Protocol after Rotator Cuff Repair: An Umbrella-Review	2023	Systematic Review; Bib Review Completed
Paolucci, T.; Pezzi, L.; Centra, M. A.; Porreca, A.; Barbato, C.; Bellomo, R. G.; Saggini, R.	Effects of capacitive and resistive electric transfer therapy in patients with painful shoulder impingement syndrome: a comparative study	2020	Irrelevant population: shoulder impingement syndrome
Papacharalambous, C.; Sava, C.; Karagiannis, C.; Giannakou, K.	The effectiveness of slider and tensioner neural mobilization techniques in the management of upper quadrant pain: A systematic review of randomized controlled trials	2022	systematic review
Papadonikolakis, A.; McKenna, M.; Warne, W.; Martin, B. I.; Matsen, F. A., 3rd	Published evidence relevant to the diagnosis of impingement syndrome of the shoulder	2011	Paper published before 2017 guideline last search date; systematic review
Papadopoulos, D. V.; Zafeiris, E.; Mystidis, I.; Nikolaou, V. S.; Babis, G. C.; Imbriglia, J. E.	Augmentation of Rotator Cuff Repair Using Umbilical Cord Graft: A Preliminary Observational Study	2024	Mixed Population w/o Stratification (partial and full thickness tears included)
Papadopoulos, N. A.; Lam, P. H.; Murrell, G. A. C.	The Effects of Smoking on Shoulder Stiffness Following Arthroscopic Rotator Cuff Repair	2018	Mixed Population w/o Stratification (partial and full thickness tears)

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Papalia, A. G.; Romeo, P. V.; Gambhir, N.; Alben, M. G.; Chowdhury, T.; Simcox, T.; Rokito, A.; Virk, M. S.	Effects of increased body mass index on one year outcomes following soft tissue arthroscopic shoulder instability repair	2023	Irrelevant Population: Patients receiving Bankart repair
Papalia, R.; Franceschi, F.; Del Buono, A.; Maffulli, N.; Denaro, V.	Results of surgical management of symptomatic shoulders with partial thickness tears of the rotator cuff	2011	systematic review, bib review complete
Para-Garcia, G.; Garcia-Munoz, A. M.; Lopez-Gil, J. F.; Ruiz-Cardenas, J. D.; Garcia-Guillen, A. I.; Lopez-Roman, F. J.; Perez-Pinero, S.; Abellan-Ruiz, M. S.; Canovas, F.; Victoria-Montesinos, D.	Dry Needling Alone or in Combination with Exercise Therapy versus Other Interventions for Reducing Pain and Disability in Subacromial Pain Syndrome: A Systematic Review and Meta-Analysis	2022	systematic review
Parada, S. A.; Flurin, P. H.; Wright, T. W.; Zuckerman, J. D.; Elwell, J. A.; Roche, C. P.; Friedman, R. J.	Comparison of complication types and rates associated with anatomic and reverse total shoulder arthroplasty	2021	Mixed Population w/o Stratification
Paramasivam Meenakshi Sundaram, P.; Lee, W. W. B.; Sayampanathan, A. A.; Tan, H. C. A.	Comparison of clinical outcomes between knotted and knotless double-row arthroscopic rotator cuff repairs: a meta-analysis	2021	systematic review
Paras, T.; Raines, B.; Kohut, K.; Sabzevari, S.; Chang, Y. F.; Yeung, M.; Li, R.; Tublin, J.; Baradaran, A.; Lin, A.	Clinical outcomes of reverse total shoulder arthroplasty for elective indications versus acute 3- and 4-part proximal humeral fractures: a systematic review and meta-analysis	2022	systematic review
Paraskevopoulos, E.; Plakoutsis, G.; Chronopoulos, E.; Maria, P.	Effectiveness of Combined Program of Manual Therapy and Exercise Vs Exercise Only in Patients With Rotator Cuff-related Shoulder Pain: A Systematic Review and Meta-analysis	2023	systematic review
Parente, H.; Azevedo, S.; Costa, E.; Guimaraes, F.; Dantas Soares, C.; Pontes Ferreira, M.; Faria, D.; Peixoto, D.; Tavares-Costa, J.; Afonso, C.; et al.,	EFFICACY and SAFETY of SODIUM THIOSULFATE in CALCIFIC TENDINITIS of the ROTATOR CUFF-AN INTERIM ANALYSIS of A RANDOMIZED CLINICAL TRIAL	2022	Abstract Only - Ongoing Trial
Parikh, N.; Martinez, D. J.; Winer, I.; Costa, L.; Dua, D.; Trueman, P.	Direct and indirect economic burden associated with rotator cuff tears and repairs in the US	2021	cost analysis; irrelevant comparison groups
Parisien, R. L.; Ehlers, C.; Cusano, A.; Tornetta, P., 3rd; Li, X.; Wang, D.	The Statistical Fragility of Platelet-Rich Plasma in Rotator Cuff Surgery: A Systematic Review and Meta-analysis	2021	systematic review
Park, A. J.; Liu, J.; Sethi, P.; McMillan, S.; Ford, E.; Shepard, M. F.; Amin, N. H.	Identification of the Sensory Dependent Locations of the Shoulder Joint to Optimize Surgical Approaches and Reduce Postoperative Pain: A Systematic Review	2020	Systematic Review

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Park, B. K.; Hong, S. H.; Jeong, W. K.	Effectiveness of Ultrasound in Evaluation of Fatty Infiltration in Rotator Cuff Muscles	2020	irrelevant topic: diagnosis of fatty infiltration, not tears
Park, C. N.; Zhang, G. X.; Chang, J.; Zeng, S. L.; Meyer, L. E.; Hurley, E. T.; Hatzidakis, A. M.; Anakwenze, O.; Klifto, C. S.	Pyrocarbon hemiarthroplasty of the shoulder: a systematic review and meta-analysis of clinical results	2023	systematic review
Park, D.	Clinical characteristics of patients with posterosuperior labral tear: a comparison with patients with other shoulder disorders	2018	Irrelevant Topic: Labral Tear
Park, H. B.; Gwark, J. Y.; Im, J. H.; Jung, J.; Na, J. B.; Yoon, C. H.	Factors Associated with Atraumatic Posterosuperior Rotator Cuff Tears	2018	irrelevant topic: risk factors for RC tears
Park, H. B.; Gwark, J. Y.; Kwack, B. H.; Na, J. B.	Are any radiologic parameters independently associated with degenerative postero-superior rotator cuff tears?	2021	Non-surgical population and not relevant to PICO 3 or 6
Park, H. B.; Yokota, A.; Gill, H. S.; El Rassi, G.; McFarland, E. G.	Diagnostic accuracy of clinical tests for the different degrees of subacromial impingement syndrome	2005	Low Quality upon Appraisal - Keeping only Moderates and Highs for PICO 3
Park, J. H.; Lee, J. H.; Kim, D. Y.; Kim, H. G.; Kim, J. S.; Lee, S. M.; Kim, S. C.; Yoo, J. C.	Clinical and radiological outcomes with an augmented baseplate for superior glenoid wear in reverse shoulder arthroplasty A PROPENSITY SCORE-MATCHED COMPARATIVE STUDY	2024	Mixed Population w/o Stratification: large to massive tears, cuff tear arthropathy, and osteoarthritis
Park, J. H.; Park, K. T.; Kim, S. C.; Bukhary, H. A.; Lee, S. M.; Yoo, J. C.	Arthroscopic biceps augmentation does not improve clinical outcomes during incomplete repair of large to massive rotator cuff tears	2022	Very Low Quality on Quality Appraisal
Park, J. H.; Rhee, S. M.; Kim, H. S.; Oh, J. H.	Effects of Anxiety and Depression Measured via the Hospital Anxiety and Depression Scale on Early Pain and Range of Motion After Rotator Cuff Repair	2021	irrelevant population; tear thickness not indicated
Park, J. H.; Yang, S. H.; Rhee, S. M.; Oh, J. H.	The effect of concomitant coracohumeral ligament release in arthroscopic rotator cuff repair to prevent postoperative stiffness: a retrospective comparative study	2019	not a randomized controlled trial; irrelevant comparison: RCR w/ coracohumeral ligament release vs. RCR
Park, J. H.; Yoon, J. Y.; Jeong, M. G.; Jeong, H. J.; Oh, J. H.	Far-Infrared Radiation to Improve Clinical Outcomes after Arthroscopic Rotator Cuff Repair: A Prospective Randomized Comparative Clinical Study	2023	Irrelevant Comparison: Far-Infrared Radiation vs. Control
Park, J. W.; Jo, C. H.; Shin, J. S.	Changes of fatty infiltration according to the immediate postoperative time point in magnetic resonance imaging after arthroscopic rotator cuff repair	2018	no relevant risk factors
Park, J. Y.; Bang, J. Y.; Oh, K. S.	Blind suprascapular and axillary nerve block for post-operative pain in arthroscopic rotator cuff surgery	2016	Irrelevant Comparison: SSNB/ANB/PCA vs. SSNB/PCA vs. PCA
Park, S. H.; Choi, C. H.; Yoon, H. K.; Ha, J. W.; Lee, C.; Chung, K.	What can the radiological parameters of superior migration of the humeral head tell us about the reparability of massive rotator cuff tears?	2020	Irrelevant Topic: Risk Factors for Irreparability

Authors	Article Title	Year	Reason for Exclusion
Park, S. W.; Chen, Y. T.; Thompson, L.; Kjoenoe, A.; Juul-Kristensen, B.; Cavalheri, V.; McKenna, L.	No relationship between the acromiohumeral distance and pain in adults with subacromial pain syndrome: a systematic review and meta-analysis	2020	systematic review
Park, Y. B.; Koh, K. H.; Shon, M. S.; Park, Y. E.; Yoo, J. C.	Arthroscopic distal clavicle resection in symptomatic acromioclavicular joint arthritis combined with rotator cuff tear: a prospective randomized trial	2015	Irrelevant Comparison: RCR w/ distal clavicle resection vs. RCR alone
Park, Y. B.; Park, J. H.; Lee, S. W.; Jung, T. W.; Koh, K. H.; Yoo, J. C.	Does the Dog-Ear or Bird-Beak Deformity Remodel After Rotator Cuff Repair?	2020	Irrelevant Comparison: Dog Ear vs. Bird-Beak Deformities Postop
Parnes, N.; Bartoszewski, N. R.; Defranco, M. J.	Arthroscopic Repair of Full-Thickness Rotator Cuff Tears in Active Patients Younger Than 40 Years: 2- to 5-Year Clinical Outcomes	2018	irrelevant subgroup analysis: only subgroups w/ more than 10 patients per group were w/ labral repair and w/o labral repair
Parnes, N.; Perrine, J.; DeFranco, M. J.	Outcomes of Simultaneous Arthroscopic Rotator Cuff Repair and Inferior Labral Repair Among Active Patients Younger Than 40 Years	2021	No comparison group
Parsons, M.; Routman, H. D.; Roche, C. P.; Friedman, R. J.	Preoperative external rotation deficit does not predict poor outcomes or lack of improvement after reverse total shoulder arthroplasty	2020	irrelevant comparison by preoperative active external rotation; mixed population
Paschos, N. K.; Bannister, E. R.; Kelly Iv, J. D.; Zgonis, M. H.	Alternatives to Reverse Total Shoulder Arthroplasty for Management of Massive Rotator Cuff Tears	2018	Narrative Review
Pashuck, T. D.; Hirahara, A. M.; Cook, J. L.; Cook, C. R.; Andersen, W. J.; Smith, M. J.	Superior Capsular Reconstruction Using Dermal Allograft Is a Safe and Effective Treatment for Massive Irreparable Rotator Cuff Tears: 2-Year Clinical Outcomes	2021	Small Sample Size: 14 Total Patients
Passaplan, C.; Hasler, A.; Gerber, C.	The critical shoulder angle does not change over time: a radiographic study	2021	no relevant outcomes; irrelevant topic: radiographic changes of CSA over time
Pastora-Bernal, J. M.; Martin-Valero, R.; Baron-Lopez, F. J.	Cost analysis of telerehabilitation after arthroscopic subacromial decompression	2018	cost analysis; small sample size: 18 total patients
Patel, B. H.; Agarwalla, A.; Lu, Y.; Ouillette, R. J.; Forsythe, B.; Amin, N. H.; Romeo, A. A.; Liu, J. N.	Isolated Biceps Tenodesis and Tenotomy: A Systematic Review of Indications and Patient Satisfaction	2021	Systematic Review
Patel, M. A.; Gadsden, J. C.; Nedeljkovic, S. S.; Bao, X.; Zeballos, J. L.; Yu, V.; Ayad, S. S.; Bendtsen, T. F.	Brachial Plexus Block with Liposomal Bupivacaine for Shoulder Surgery Improves Analgesia and Reduces Opioid Consumption: Results from a Multicenter, Randomized, Double-Blind, Controlled Trial	2020	Irrelevant Comparison: Liposomal Bupivacaine vs. Placebo
Patel, M. K.; Stone, W. Z.; Schoch, B. S.; Struk, A. M.; Farmer, K. W.; Wright, T. W.; King, J. J.	Does having prior rotator cuff repair affect outcomes in reverse shoulder arthroplasty? A matched cohort study	2020	irrelevant comparison: RTSA w/ prior RCR vs. RTSA w/o prior RCR; tear type was unspecified

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Patel, M. K.; Stone, W. Z.; Struk, A. M.; Farmer, K. W.; Wright, T. W.; King, J. J.	Shoulder arthroplasty after prior anterior stabilization procedures: do reverses have better outcomes?	2019	Irrelevant population: not all patients had RC tears
Patel, M. S.; Updegrove, G. F.; Singh, A. M.; Jamgochian, G. C.; LoBiondo, D.; Abboud, J. A.; Ramsey, M. L.; Lazarus, M. D.	Characterizing opioid consumption in the 30-day post-operative period following shoulder surgery: are we over prescribing?	2021	Not a randomized controlled trial; irrelevant comparisons
Patel, M. S.; Wilent, W. B.; Gutman, M. J.; Abboud, J. A.	Anatomic versus reverse shoulder arthroplasty, are nerve injury rates different?	2020	Mixed Population w/o Stratification: cuff tear arthropathy (CTA), glenohumeral osteoarthritis, fracture, and others which included instability, postcapsulorrhaphy arthritis, and CTA with malunion from a prior proximal humeral fracture
Patel, M.; McDaniel, L.; Sekar, M.; Kisana, H.; Sykes, J. B.; Amini, M. H.	One- and Two-Year American Shoulder and Elbow Surgeons Scores Do Not Vary Significantly After Arthroscopic Rotator Cuff Repair: A Prospective Multicenter Analysis of 1,567 Patients	2023	No comparison group; Tear type was unspecified
Patel, N. K.; Reddy, R. P.; Como, M.; Wagala, N. N.; Nazzal, E. M.; Como, C. J.; Demyttenaere, J.; Delaney, R. A.; Lesniak, B. P.; Lin, A.	Margin convergence vs. superior capsular reconstruction for massive irreparable rotator cuff tears: outcomes are equivalent unless there is preoperative pseudoparesis	2024	Irrelevant Topic: Margin Convergence
Patel, S.; Mehta, D.; Rath, N.; Patel, M.	Clinical Correlation between Rotator Cuff Tear with Acromion Angulation on MRI	2024	no relevant outcomes; low quality on appraisal
Patel, V.; Thomas, C.; Fort, H.; Wood, R.; Modi, A.; Pandey, R.; Singh, H.; Armstrong, A.	Early versus delayed repair of traumatic rotator cuff tears. Does timing matter on outcomes?	2022	Irrelevant comparison: early repair (<= 4 mo) vs. late repair (>4 mo)
Patil, S.; Gunaki, R.; Takale, S.	Assessment of role of platelet rich plasma in supraspinatus tendinitis	2022	Very Low Quality on Quality Appraisal
Pattabhiraman, N. K.; Barnes, S. C.; Singh, H. P.	Agreement between patient-based and clinician-based assessment of the shoulder	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Patterson, B. M.; Bozoghlian, M. F.	Modifiable and Nonmodifiable Risk Factors Associated with the Development of Recurrent Rotator Cuff Tears	2023	systematic review
Paul, R. W.; Szukics, P. F.; Brutico, J.; Tjoumakaris, F. P.; Freedman, K. B.	Postoperative Multimodal Pain Management and Opioid Consumption in Arthroscopy Clinical Trials: A Systematic Review	2022	systematic review, bib review complete
Paul, S.; Goyal, T.; Yadav, A. K.	Association between functional outcome scores and MRI-based structural integrity after rotator cuff repair: a prospective cohort study	2022	no comparison group; irrelevant topic: association of outcomes and structural integrity

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Paul, S.; Yadav, A. K.; Goyal, T.	Comparison of tear characteristics, outcome parameters and healing in traumatic and non-traumatic rotator cuff tear: a prospective cohort study	2022	irrelevant comparison: traumatic vs. non-traumatic tears; no relevant outcomes
Pavlova, A. V.; Shim, J. S. C.; Moss, R.; Maclean, C.; Brandie, D.; Mitchell, L.; Greig, L.; Parkinson, E.; Alexander, L.; Tzortziou Brown, V.; Morrissey, D.; Cooper, K.; Swinton, P. A.	Effect of resistance exercise dose components for tendinopathy management: a systematic review with meta-analysis	2023	Systematic Review
Pean, F.; Favre, P.; Goksel, O.	Computational analysis of subscapularis tears and pectoralis major transfers on muscular activity	2022	Not a human subject study; biomechanical study
Pearson, Z. C.; Haft, M.; Agarwal, A. R.; Rupp, M. C.; Mikula, J. D.; Ahirakwe, U.; Best, M. J.; Srikumaran, U.	The Effect of Concomitant Biceps Tenodesis on Revision Surgery Rates After Primary Rotator Cuff Repair	2024	tear type unspecified; irrelevant comparison for PICO 9
Peebles, L. A.; Midtgaard, K. S.; Aman, Z. S.; Douglass, B. W.; Nolte, P. C.; Millett, P. J.; Provencher, C. M. T.	Conversion of Failed Proximal Long Head of the Biceps Tenodesis to Distal Subpectoral Tenodesis: Outcomes in an Active Population	2020	Small sample size: 12 total patients
Peeters, N. H. C.; van der Kraats, A. M.; van der Krieken, T. E.; van Iersel, D.; Janssen, E. R. C.; Heerspink, F. O. L.	The validity of ultrasound and shear wave elastography to assess the quality of the rotator cuff	2023	no outcomes of interest
Pellegrino, R.; Di Iorio, A.; Del Prete, C. M.; Barassi, G.; Paolucci, T.; Tognolo, L.; Fiore, P.; Santamato, A.	Efficacy of Ultrasound-Guided Percutaneous Lavage and Biocompatible Electrical Neurostimulation, in Calcific Rotator Cuff Tendinopathy and Shoulder Pain, A Prospective Pilot Study	2022	irrelevant comparison: UGN + biocompatible electrical neurostimulation vs. UGN alone (same injection for both groups)
Pelletier-Roy, R.; Ratte-Larouche, M.; Laurendeau, S.; Pelet, S.	Electromyographic and kinematic study of reverse total shoulder arthroplasty: an observational prospective cohort study	2021	irrelevant comparison group: healthy controls
Peng, L.; Yue, J.; Ouyang, K.; Zhu, W.; Chen, K.; Li, Y.; Wang, D.; Lu, W.	Arthroscopic repair of the medium-size rotator cuff tear with the novel technique of the point union bridge: a minimum 2-year follow-up cohort study	2021	Irrelevant Comparison point union bridge (PUB) suture configuration vs. double row suture configuration
Peng, Y.; Du, L.; Yang, B.; Fan, D.; Jia, S.; Zheng, C.	Efficacy of platelet-rich plasma and platelet-rich fibrin in arthroscopic rotator cuff repair: A systematic review and meta-analysis	2023	systematic review
Peng, Y.; Guanglan, W.; Jia, S.; Zheng, C.	Leukocyte-rich and Leukocyte-poor Platelet-rich Plasma in Rotator Cuff Repair: A Meta-analysis	2022	systematic review
Peng, Y.; Li, F.; Ding, Y.; Sun, X.; Wang, G.; Jia, S.; Zheng, C.	Comparison of the effects of platelet-rich plasma and corticosteroid injection in rotator cuff disease treatment: a systematic review and meta-analysis	2023	systematic review

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Pennington, M.; Stapleton, E. J.; Glass, E. A.; Swanson, D. P.; Veale, M. P.; Le, K.; Jawa, A.; Kirsch, J. M.	Effect of primary diagnosis on return to sport after reverse total shoulder arthroplasty	2023	irrelevant comparison between diagnosis
Perdreau, A.; Duysens, C.; Joudet, T.	How periarticular corticosteroid injections impact the integrity of arthroscopic rotator cuff repair	2020	intraop opioids (not postop as specified by PICO 12)
Perdreau, A.; Joudet, T.	Efficacy of multimodal analgesia injection combined with corticosteroids after arthroscopic rotator cuff repair	2015	irrelevant comparison: morphine, ropivacaine and methylprednisolone vs. saline
Perez-Dominguez, B.; Perpina-Martinez, S.; Garcia-Isidoro, S.; Escobio-Prieto, I.; Rodriguez-Rodriguez, A. M.; Blanco-Diaz, M.	Associations between Preoperative Patient Socioeconomic Status and Pain-Related Outcomes with Pain and Function in Patients Undergoing Rotator Cuff Repairs	2023	Tear type was unspecified
Petrie, K. A.; Lowenstein, N. A.; Collins, J. E.; Matzkin, E. G.	Increased Patient Resilience Scores are Related to Positive Postoperative Outcomes in Rotator Cuff Repairs	2023	Tear type was unspecified
Pettit, R. J.; Saini, S. B.; Puzzitiello, R. N.; Hart, P. J.; Ross, G.; Kirsch, J. M.; Jawa, A.	Primary reverse total shoulder arthroplasty performed for glenohumeral arthritis: does glenoid morphology matter?	2022	Irrelevant population: glenohumeral OA w/ intact rotator cuff
Pharr, Z. K.; Bowman, E. N.; Blickenstaff, B. E.; Hubler, A. K.; Brolin, T. J.; Throckmorton, T. W.; Azar, F. M.	Frozen Shoulder Manipulation with the FEAR Technique: A Retrospective Case Series with Minimum Two-Year Follow-up	2022	No comparison group
Phillips, C.; Pasqualini, I.; Barros, H.; Menendez, M. E.; Horinek, J. L.; Ardebol, J.; Denard, P. J.	Lesser Tuberosity Osteotomy Healing in Stemmed and Stemless Anatomic Shoulder Arthroplasty Is Higher with a Tensionable Construct and Affected by Body Mass Index and Tobacco Use	2023	Irrelevant Population: intact rotator cuff
Phillips, R.; Perraton, L.; Cridland, K.; Maloney, S.; Harris, I. A.; Malliaras, P.	Patient knowledge of rotator cuff related shoulder pain condition and treatment and validation of a patient-reported knowledge questionnaire	2021	irrelevant topic: patient knowledge and questionnaire development
Piatti, M.; Gorla, M.; Turati, M.; Omeljaniuk, R. J.; Gaddi, D.; Bigoni, M.	Comparison of two arthroscopic repair techniques for small-medium supraspinatus tendon tear: 1 triple-loaded vs 2 double-loaded metallic sutures anchors	2022	irrelevant comparison: triple loaded vs. double loaded suture anchors
Pichene-Houard, A.; Paysant, J.; Claudon, L.; Paris, N.; Michel, B.; Jacquot, A.; Martinet, N.; Sirveaux, F.; Wild, P.	Predictive factors for the duration until return to work after surgery for work-related rotator cuff syndrome: A prospective study of 92 workers	2021	Mixed Population w/o Stratification: rotator cuff tendinopathy, partial or complete tear

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Pichene-Houard, A.; Sirveaux, F.; Clerc-Urmes, I.; Paris, N.; Michel, B.; Jacquot, A.; Martinet, N.; Claudon, L.; Paysant, J.; Wild, P.	Predictive factors of return-to-work trajectory after work-related rotator cuff syndrome: A prospective study of 96 workers	2023	irrelevant population: rotator cuff tendinopathy
Piekaar, R. S. M.; Bouman, I. C. E.; van Kampen, P. M.; van Eijk, F.; Huijsmans, P. E.	Early promising outcome following arthroscopic implantation of the subacromial balloon spacer for treating massive rotator cuff tear	2018	Population includes revision surgery without stratification
Piekaar, R. S. M.; Bouman, I. C. E.; van Kampen, P. M.; van Eijk, F.; Huijsmans, P. E.	The subacromial balloon spacer for massive irreparable rotator cuff tears: approximately 3 years of prospective follow-up	2020	Population includes revision surgery without stratification
Pieters, L.; Lewis, J.; Kuppens, K.; Jochems, J.; Bruijstens, T.; Joossens, L.; Struyf, F.	An Update of Systematic Reviews Examining the Effectiveness of Conservative Physical Therapy Interventions for Subacromial Shoulder Pain	2020	systematic review
Pill, S. G.; Rogozinski, Z.; Bohon, H.; Arrambide, E. B.; Welch, G. E.; Carroll, J. M.; Lutz, A.; Shanley, E.; Thigpen, C. A.; Tolan, S. J.; Wyland, D. J.; Kissenberth, M. J.	No clinical difference in outcomes between inlay and onlay arthroscopic biceps tenodesis techniques during rotator cuff repair	2024	irrelevant comparison for PICO 9: inlay vs. onlay ABT
Pinto, I.; Patsiogiannis, N.; Koumpias, A. M.; Limb, D.; Giannoudis, P.	Does early repair of traumatic rotator cuff tears provide better outcomes? A systematic review	2022	systematic review
Piper, C. C.; Hughes, A. J.; Ma, Y.; Wang, H.; Neviasser, A. S.	Operative versus nonoperative treatment for the management of full-thickness rotator cuff tears: a systematic review and meta-analysis	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Plachel, F.; Jo, O. I.; Ruttershoff, K.; Andronic, O.; Ernstbrunner, L.	A Systematic Review of Long-term Clinical and Radiological Outcomes of Arthroscopic and Open/Mini-open Rotator Cuff Repairs	2023	systematic review
Plachel, F.; Klatte-Schulz, F.; Minkus, M.; Bohm, E.; Moroder, P.; Scheibel, M.	Biological allograft healing after superior capsule reconstruction	2018	Single case report
Plachel, F.; Korn, G.; Ortmaier, R.; Hoffelner, T.; Resch, H.; Moroder, P.	Repair failure increases the risk of developing secondary glenohumeral osteoarthritis: A long-term follow-up after open repair of large subscapularis tendon tears	2019	No comparison group
Plachel, F.; Korn, G.; Traweger, A.; Ortmaier, R.; Resch, H.; Moroder, P.	Long-term results after arthroscopic treatment of symptomatic Ellman grade 2 PASTA lesions	2019	No comparison group

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Plachel, F.; Moroder, P.; Gehwolf, R.; Tempfer, H.; Wagner, A.; Auffarth, A.; Matis, N.; Pauly, S.; Tauber, M.; Traweger, A.	Risk Factors for Rotator Cuff Disease: An Experimental Study on Intact Human Subscapularis Tendons	2020	No relevant outcomes: gene and histological analysis
Plachel, F.; Siegert, P.; Moroder, P.; Pauzenberger, L.; Laky, B.; Anderl, W.; Heuberger, P.	Treatment of non-arthritic pseudoparetic shoulders with irreparable massive rotator cuff tears: arthroscopic procedures yield comparable midterm results to reverse arthroplasty	2021	Mixed intervention of debridement or partial repair vs. RSA w/o stratification
Plachel, F.; Siegert, P.; Ruttershoff, K.; Akgun, D.; Thiele, K.; Moroder, P.; Scheibel, M.	Clinical midterm results of arthroscopic rotator cuff repair in patients older than 75 years	2020	No comparison group
Playford, S. E.; Hackett, L. M.; Lam, P. H.; Murrell, G. A. C.	An evaluation of shear wave elastographic characteristics of the supraspinatus tendon after rotator cuff repair	2023	Mixed Population w/o Stratification; Inadequate follow-up time
Podsiadlo, M.; Blasiak, A.; Borkowski, L.; Brzoska, R.	Smoking as an Additional Risk Factor in Arthroscopic Rotator Cuff Repair among Type 2 Diabetics	2022	Inadequate follow-up time - no adverse events reporting
Poff, G.; Spencer, E.; Scott, B.; Sleadd, R.; Broyles, J.	Comparison of Clinical Outcomes after Platelet-Rich Plasma and Rotator Cuff Repair in High-Grade Intrasubstance Partial Rotator Cuff Tears	2023	irrelevant comparison/population: RCR vs. PRP for high grade partial tears
Pogorzelski, J.; Erber, B.; Themessl, A.; Rupp, M. C.; Feucht, M. J.; Imhoff, A. B.; Degenhardt, H.; Irger, M.	Definition of the terms "acute" and "traumatic" in rotator cuff injuries: a systematic review and call for standardization in nomenclature	2021	Systematic Review
Pogorzelski, J.; Fritz, E. M.; Horan, M. P.; Katthagen, J. C.; Hussain, Z. B.; Godin, J. A.; Millett, P. J.	Minimum Five-year Outcomes and Clinical Survivorship for Arthroscopic Transosseous-equivalent Double-row Rotator Cuff Repair	2019	includes revision surgeries- does not stratify results
Pogorzelski, J.; Rupp, M. C.; Scheiderer, B.; Lacheta, L.; Schliemann, B.; Schanda, J.; Heuberger, P.; Schneider, M.; Hackl, M.; Aga Shoulder Committee-Rotator, Cuff; Lorbach, O.	Management of Irreparable Posterosuperior Rotator Cuff Tears-A Current Concepts Review and Proposed Treatment Algorithm by the AGA Shoulder Committee	2023	Systematic Review
Pokorny, D.; Fulin, P.; Hert, J.; Landor, I.; Stefan, J.; Sosna, A.	Reverse Total Shoulder Arthroplasty: 14-Year Clinical Experience with 496 Performed Arthroplasties	2021	no comparison group; mixed population w/o stratification
Polascik, B. A.; Chopra, A.; Hurley, E. T.; Levin, J. M.; Rodriguez, K.; Stauffer, T. P.; Lassiter, T. E.; Anakwenze, O.; Klifto, C. S.	Outcomes after bilateral shoulder arthroplasty: a systematic review	2023	systematic review

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Polce, E. M.; Cohn, M. R.; Kunze, K. N.; Fu, M. C.; Forsythe, B.; Nicholson, G. P.; Cole, B. J.; Verma, N. N.; Garrigues, G. E.	Defining maximal outcome improvement thresholds for patient satisfaction after reverse total shoulder arthroplasty: a minimum two-year follow-up study	2021	Mixed Population w/o Stratification: glenohumeral osteoarthritis, Rotator cuff arthropathy, and Rotator cuff tear
Polce, E. M.; Vadhera, A. S.; Fu, M. C.; Singh, H.; Haunschild, E. D.; Garrigues, G. E.; Yanke, A. B.; Forsythe, B.; Cole, B. J.; Verma, N. N.	Determining the Time Required to Achieve Clinically Significant Outcomes on the PROMIS Upper Extremity Questionnaire After Arthroscopic Rotator Cuff Repair	2023	irrelevant outcomes; time to achieve MCID
Polisetty, T. S.; Baessler, A. M.; Levy, J. C.; Badman, B. L.	Onlay versus inlay reverse total shoulder arthroplasty: a retrospective comparison of radiographic and clinical outcomes	2021	Mixed Population w/o Stratification: rotator cuff tear arthropathy and osteoarthritis w/o rotator cuff tear
Polisetty, T. S.; Colley, R.; Levy, J. C.	Value Analysis of Anatomic and Reverse Shoulder Arthroplasty for Glenohumeral Osteoarthritis with an Intact Rotator Cuff	2021	Irrelevant population: glenohumeral OA w/ intact rotator cuff
Ponugoti, N.; Raghu, A.; Colaco, H. B.; Magill, H.	A comparison of simple and complex single-row versus transosseous-equivalent double-row repair techniques for full-thickness rotator cuff tears: a systematic review and meta-analysis	2022	systematic review
Poondla, R. K.; Sheth, M. M.; Heldt, B. L.; Laughlin, M. S.; Morris, B. J.; Elkousy, H. A.; Edwards, T. B.	Anatomic and reverse shoulder arthroplasty in patients 70 years of age and older: a comparison cohort at early to midterm follow-up	2021	Irrelevant Population/Comparison: TSA for OA vs. RSA for CTA
Porschke, F.; Schlee, S. M.; Schnetzke, M.; Studier-Fischer, S.; Gruetzner, P. A.; Guehring, T.	Functional outcome and tendon integrity of rotator cuff reconstruction after primary traumatic glenohumeral dislocation	2020	no comparison group
Porter, A.; Hill, M. A.; Harm, R.; Greiwe, R. M.	Resiliency influences postoperative outcomes following rotator cuff repair	2021	Mixed Population w/o Stratification: partial and full thickness tears
Potter, M. Q.; Wylie, J. D.; Granger, E. K.; Greis, P. E.; Burks, R. T.; Tashjian, R. Z.	One-year Patient-reported Outcomes After Arthroscopic Rotator Cuff Repair Do Not Correlate With Mild to Moderate Psychological Distress	2015	duplicate of AAOS ID 15121
Pow, R. E.; Bokor, D.; Deady, L.; D'Souza, M.; Ansari, S.	Grading the severity of the rotator cuff tendinosis on MRI: Assessment of inter-observer agreement and evaluation of a novel objective assessment tool	2022	no relevant outcomes
Powell, J. K.; Lewis, J. S.	Rotator Cuff-Related Shoulder Pain: Is It Time to Reframe the Advice, "You Need to Strengthen Your Shoulder"?	2021	Narrative Review
Powell, J. K.; Schram, B.; Lewis, J.; Hing, W.	"You have (rotator cuff related) shoulder pain, and to treat it, I recommend exercise." A scoping review of the possible mechanisms underpinning exercise therapy	2022	Systematic Review

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Powell, S. N.; Lilley, B. M.; Peebles, A. M.; Dekker, T. J.; Warner, J. J. P.; Romeo, A. A.; Denard, P. J.; Provencher, M. T.	Impact of fatty infiltration of the rotator cuff on reverse total shoulder arthroplasty outcomes: a systematic review	2022	Systematic Review; Bib Review Completed
Pozzetti Daou, J.; Nagaya, D. Y.; Matsunaga, F. T.; Sugawara Tamaoki, M. J.	Does Biceps Tenotomy or Tenodesis Have Better Results After Surgery? A Systematic Review and Meta-analysis	2021	Systematic Review
Pozzi, F.; Sousa, C. O.; Plummer, H. A.; Andrade, B.; Awokuse, D.; Kono, N.; Mack, W. J.; Roll, S. C.; Michener, L. A.	Development of shoulder pain with job-related repetitive load: mechanisms of tendon pathology and anxiety	2022	irrelevant topic: development of shoulder pain w/ repetitive load
Prabhu, K.; Nasr, A. J.; Kasitinon, D.; Cabrera, A.; Lin, Y. S.	Perioperative Outcomes, Comorbidities, and Complications following Total Shoulder Arthroplasty in Wheelchair Users: A Retrospective Cohort Analysis of a Nationwide Database	2023	Tear type was unspecified
Prasathaporn, N.; Kuptniratsaikul, V.; Thamrongsuksiri, N.; Itthipanichpong, T.	Accuracy of the rotator cuff reparability score	2022	irrelevant topic: rotator cuff reparability score
Prasathaporn, N.; Thamrongsuksiri, N.; Itthipanichpong, T.; Limskul, D.	Types of Retears After Knot-tying and Knotless Suture Bridge Rotator Cuff Repair: A Systematic Review and Meta-analysis	2022	systematic review
Prasetia, R.; Kholinne, E.; Suvarly, P.; Rosa, W. Y.; Pratiwi, Y. S.; Herman, H.; Rasyid, H. N.; Chernchujit, B.; Lesmana, R.	High-Grade Bursal Side Rotator-Cuff Repair: A Surgical Outcome Review	2021	Systematic Review; Bib Review Completed
Prasetia, R.; Sukhapradit, B.; Chernchujit, B.	Clinical features and repair integrity after knotless - In situ suture bridge technique in high-grade bursal side rotator cuff tears	2020	Irrelevant Comparison: Anchor vs. Anchorless Suture Bridge Technique for partial tears
Preuss, F. R.; Eble, S. K.; Peebles, A. M.; Osuna-Garcia, A.; Provencher, C. M. T.	Shoulder strength outcomes after reverse total shoulder arthroplasty: a systematic review and descriptive synthesis	2022	Systematic Review; Bib Review Completed
Previtali, D.; Bordoni, V.; Filardo, G.; Marchettini, P.; Guerra, E.; Candrian, C.	High Rate of Pain Sensitization in Musculoskeletal Shoulder Diseases: A Systematic Review and Meta-analysis	2021	systematic review
Pritem, A. R.; Abraham, V. T.; Krishnagopal, R.	Early Clinical and Functional Outcome of Rotator Cuff Tendinopathy of the Shoulder Treated with Platelet Rich Plasma Injection	2021	no comparison group; cohort study of patients with rotator cuff tendinitis treated with PRP injection and six week exercise program.

Authors	Article Title	Year	Reason for Exclusion
Priyadarshi, P.; Azam, M.	Evaluating Clinical Outcomes and Costs of Arthroscopic and Open Procedures in Patients with Degenerative Full-Thickness RTC	2023	Very Low Quality on Quality Appraisal
Priyavadhana, S.; Ashraf, M.; Sakthivelan, V.; Purudappa, P. P.; Mounasamy, V.; Sambandam, S.	Non-acute Rotator Cuff Tear: Repair Augmented with Reconstituted Absorbable Collagen Scaffold (RACS)- Systematic Review	2021	Systematic Review
Prodromos, C. C.; Finkle, S.; Dawes, A.; Baik, J. Y.	Treatment of Type Two Slap Lesion With Anatomic Suture Anchor Repair Without Biceps Tenotomy Or Tenodesis	2018	Irrelevant Population: Slap Tears
Prodromos, C. C.; Finkle, S.; Prodromos, A.; Chen, J. L.; Schwartz, A.; Wathen, L.	Treatment of Rotator Cuff Tears with platelet rich plasma: a prospective study with 2 year follow-up	2021	no comparison group
Provencher, M. T.; McCormick, F.; Peebles, L. A.; Beaulieu-Jones, B. R.; Dekker, T. J.; LeClere, L. E.; Anthony, S.; Solomon, D. J.; Golijanin, P.; Dewing, C.	Outcomes of Primary Biceps Subpectoral Tenodesis in an Active Population: A Prospective Evaluation of 101 Patients	2019	irrelevant population: slap tears or tendonitis
Provencher, M. T.; Midtgaard, K. S.; Owens, B. D.; Tokish, J. M.	Diagnosis and Management of Traumatic Anterior Shoulder Instability	2021	Narrative Review
Puel, U.; Lombard, C.; Hossu, G.; Louis, M.; Blum, A.; Teixeira, P. A. G.; Gillet, R.	Zero echo time MRI in shoulder MRI protocols for the diagnosis of rotator cuff calcific tendinopathy improves identification of calcific deposits compared to conventional MR sequences but remains sub-optimal compared to radiographs	2023	irrelevant topic: diagnosis of RC calcific tendinopathy
Purnell, J. A.; Bourget-Murray, J.; Kwapisz, A.; Bois, A. J.; LeBlanc, J.	Clinical results and complications following surgical management of symptomatic os acromiale: a systematic review	2019	Systematic Review; Bib Review Completed
Puzzitiello, R. N.; Moverman, M. A.; Menendez, M. E.; Hart, P. A.; Kirsch, J.; Jawa, A.	Rotator cuff fatty infiltration and muscle atrophy do not impact clinical outcomes after reverse total shoulder arthroplasty for glenohumeral osteoarthritis with intact rotator cuff	2021	Irrelevant population: glenohumeral OA w/ intact rotator cuff
Puzzitiello, R. N.; Patel, B. H.; Forlenza, E. M.; Nwachukwu, B. U.; Allen, A. A.; Forsythe, B.; Salzler, M. J.	Adverse Impact of Corticosteroids on Rotator Cuff Tendon Health and Repair: A Systematic Review of Basic Science Studies	2020	Systematic review; bib review complete
Puzzitiello, R. N.; Patel, B. H.; Lavoie-Gagne, O.; Lu, Y.; Nwachukwu, B. U.; Forsythe, B.; Salzler, M. J.	Corticosteroid Injections After Rotator Cuff Repair Improve Function, Reduce Pain, and Are Safe: A Systematic Review	2022	systematic review, bib review complete

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Puzzitiello, R. N.; Patel, B. H.; Nwachukwu, B. U.; Allen, A. A.; Forsythe, B.; Salzler, M. J.	Adverse Impact of Corticosteroid Injection on Rotator Cuff Tendon Health and Repair: A Systematic Review	2020	systematic review, bib review complete
Qi, W.; Ren, Y.; Wang, H.; Yao, J.	Bone abscess formation around suture anchors after double-row fixation in arthroscopic rotator cuff repair	2023	Single Case Report
Qiao, R.; Yang, J.; Zhang, K.; Song, Z.	To explore the reasonable selection of clavicular hook plate to reduce the occurrence of subacromial impingement syndrome after operation	2021	Irrelevant population: SIS patients (compared to asymptomatic control group)
Quan, T.; Lopez, J. D.; Chen, F. R.; Manzi, J. E.; Best, M. J.; Srikumaran, U.; Zimmer, Z. R.	A retrospective study evaluating the association between hypoalbuminemia and postoperative outcomes for patients receiving open rotator cuff repair	2022	Tear type was unspecified
Quan, T.; Manzi, J. E.; Chen, F. R.; Rauck, R.; Recarey, M.; Roszkowska, N.; Morrison, C.; Zimmer, Z. R.	Diabetes status and postoperative complications for patients receiving open rotator cuff repair	2023	Tear type was unspecified
Quan, X.; Wu, J.; Liu, Z.; Li, X.; Xiao, Y.; Shu, H.; Zhou, A.; Wang, T.; Nie, M.	Outcomes After Double-Layer Repair Versus En Masse Repair for Delaminated Rotator Cuff Injury: A Systematic Review and Meta-analysis	2023	Systematic Review; Bib Review Complete
Quental, C.; Reis, J.; Folgado, J.; Monteiro, J.; Sarmiento, M.	Comparison of 3 supraspinatus tendon repair techniques - a 3D computational finite element analysis	2020	Not a human subject study; biomechanical study of a finite model
Quigley, R.; Verma, N.; Evuarherhe, A., Jr.; Cole, B. J.	Rotator Cuff Repair with Graft Augmentation Improves Function, Decreases Revisions, and Is Cost-Effective	2022	irrelevant population: a simulated cohort of patients
Quinn, M.; Levins, J.; Mojarrad, M.; O'Donnell, R.; DeFroda, S.; Haggerty, E.; Evangelista, P.; Tabaddor, R.	Association of tensor fascia lata hypertrophy and fatty infiltration in the presence of abductor tendon tears: a radiographic study	2021	irrelevant population: hip abductor tears
Raad, M.; Sekhon, P.; Robertson, A.	Do plasma-rich protein injections have a role in orthopaedics? A systematic review and meta-analysis of the randomized control trials	2024	Systematic Review; Bib Review Completed
Rabin, A.; Dolkart, O.; Kazum, E.; Wengier, R.; Goldstein, Y.; Maman, E.; Chechik, O.	Shoulder assessment by smartphone: a valid alternative for times of social distancing	2022	irrelevant comparison; video exam vs. face to face
Rabin, A.; Tabi, B. R.; Uhl, T. L.; Kozol, Z.	Bending the Elbow During Shoulder Flexion Facilitates Greater Scapular Upward Rotation and a More Favorable Scapular Muscle Activation Pattern	2022	irrelevant population: 22 healthy participants
Radhakrishnan, R.; Goh, J.; Tan, A. H. C.	Partial thickness rotator cuff tears: a review of current literature on evaluation and management	2023	Systematic Review
Rai, M. F.; Cai, L.; Tycksen, E. D.; Chamberlain, A.; Keener, J.	RNA-Seq analysis reveals sex-dependent transcriptomic profiles of human subacromial bursa stratified by tear etiology	2022	No relevant outcomes: RNA seq and transcriptomic profiles

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Rai, M. F.; Cai, L.; Tycksen, E. D.; Keener, J.; Chamberlain, A.	RNA-Seq reveals distinct transcriptomic differences in rotator cuff tendon based on tear etiology and patient sex	2022	No relevant outcomes: RNA seq and transcriptomic differences
Rajalakshmi, R.; Geetha, G.	Role Of MR Imaging In Rotator Cuff Pathologies	2023	No reference standard; no relevant outcomes
Rajani, A. M.; Shah, U. A.; Mittal, A. R.; Gupta, S.; Garg, R.; Rajani, A. A.; Shetty, G.; Punamiya, M.; Singhal, R.	Effects of glenohumeral corticosteroid injection on stiffness following arthroscopic rotator cuff repair: a prospective, multicentric, case-control study with 18-month follow-up	2023	not an RCT (Case-control study)
Raji, Y.; Vakharia, A. M.; Chen, M.; Sivasundaram, L.; Wang, J. H.; Salata, M. J.; Voos, J. E.; Gillespie, R. J.	Emergency Department Utilization Is Low After Outpatient Elective Rotator Cuff Repair	2022	tear type was unspecified; Inadequate follow-up time
Ramadan, L. B.; Baptista, E.; Souza, F. F.; Gracitelli, M. E. C.; Assuncao, J. H.; Andrade-Silva, F. B.; Ferreira-Neto, A. A.; Malavolta, E. A.	Diagnostic accuracy of preoperative magnetic resonance imaging for detecting subscapularis tendon tears: a diagnostic test study	2020	Low Quality upon Appraisal - Keeping only Moderates and Highs for PICO 3
Ramasamy Sundararajan, S.; Jha, A. K.; Ramakanth, R.; Babu Joseph, J.; Rajasekaran, S.	Does change in occupancy ratio and fatty infiltration of the supraspinatus influence functional outcome after single-row rotator cuff repair? A magnetic resonance imaging-based study	2020	no comparison group; no relevant outcomes
Ramesh, K.; Yusuf, M.; Makaram, N.; Milton, R.; Mathew, A.; Srinivasan, M.	Safety and Cost-Effectiveness of Interscalene Brachial Plexus Block With Sedation in Reverse Total Shoulder Replacement	2021	small sample size: 15 total patients
Randelli, P. S.; Compagnoni, R.; Radaelli, S.; Gallazzi, M. B.; Tassi, A.; Menon, A.	Arthroscopic remplissage is safe and effective: clinical and magnetic resonance results at a minimum 3 years of follow-up	2022	Irrelevant intervention: bankart repair; No comparison group (13 total patients)
Randelli, P. S.; Menon, A.; Nocerino, E.; Aliprandi, A.; Feroldi, F. M.; Mazzoleni, M. G.; Boveri, S.; Ambrogi, F.; Cucchi, D.	Long-term Results of Arthroscopic Rotator Cuff Repair: Initial Tear Size Matters: A Prospective Study on Clinical and Radiological Results at a Minimum Follow-up of 10 Years	2019	Tear type was unspecified
Ranieri, R.; Anzillotti, G.; Rose, G. D.; Borroni, M.; Garofalo, R.; Castagna, A.	Anatomical total shoulder arthroplasty revision to reverse shoulder arthroplasty using convertible glenoid: a systematic review of clinical and radiological outcomes	2024	Systematic Review; Bib Review Completed
Ranieri, R.; Nabergoj, M.; Xu, L.; Coz, P. L.; Mohd Don, A. F.; Ladermann, A.; Collin, P.	Complications of Long Head of the Biceps Tenotomy in Association with Arthroscopic Rotator Cuff Repair: Risk Factors and Influence on Outcomes	2022	Mixed Population w/o Stratification; Tear Type Unspecified (see extended note)

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Ransom, E. F.; Adkison, D. P.; Woods, D. P.; Pinto, M. C.; He, J. K.; Worthen, J. V.; Brabston, E. W.; Ponce, B. A.	Subscapularis sparing total shoulder arthroplasty through a superolateral approach: a radiographic study	2020	Irrelevant population: glenohumeral OA w/ intact rotator cuff
Rasmussen, J. K.; Nikolajsen, L.; Bjornholdt, K. T.	Acute postoperative pain after arthroscopic rotator cuff surgery: A review of methods of pain assessment	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Raso, J.; Althoff, A.; Brunette, C.; Kamalopathy, P.; Arney, M.; Werner, B. C.	Preoperative Substance Use Disorder Is Associated With an Increase in 90-Day Postoperative Complications, 1-Year Revisions and Conversion to Arthroplasty Following Arthroscopic Rotator Cuff Repair: Substance Use Disorder on the Rise	2023	Tear type was unspecified
Raso, J.; Kamalopathy, P.; Cuthbert, A. S.; Althoff, A.; Ramamurti, P.; Werner, B. C.	Social Determinants of Health Disparities Are Associated With Increased Costs, Revisions, and Infection in Patients Undergoing Arthroscopic Rotator Cuff Repair	2023	Tear type was unspecified
Rathi, S.; Taylor, N. F.; Green, R. A.	A comparison of glenohumeral joint translation between young and older asymptomatic adults using ultrasonography: a secondary analysis	2020	irrelevant population: healthy patients
Rauck, R. C.; Ruzbarsky, J. J.; Swarup, I.; Gruskay, J.; Dines, J. S.; Warren, R. F.; Dines, D. M.; Gulotta, L. V.	Predictors of patient satisfaction after reverse shoulder arthroplasty	2020	Mixed Population w/o Stratification: OA, RA, AVN, acute fracture, old trauma, and CTA.
Rauck, R. C.; Swarup, I.; Chang, B.; Dines, D. M.; Warren, R. F.; Gulotta, L. V.; Henn, R. F.	Effect of preoperative patient expectations on outcomes after reverse total shoulder arthroplasty	2018	Mixed population; arthropathy not relevant to PICO 8
Rauck, R. C.; Swarup, I.; Chang, B.; Ruzbarsky, J. J.; Dines, D. M.; Warren, R. F.; Henn, R. F., 3rd; Gulotta, L. V.	Preoperative patient expectations of elective reverse shoulder arthroplasty	2019	irrelevant topic: preop expectations vary based on different preop factors; mixed population
Ravi, V.; Murphy, R. J.; Moverley, R.; Derias, M.; Phadnis, J.	Outcome and complications following revision shoulder arthroplasty : a systematic review and meta-analysis	2021	systematic review, bib review complete
Ravichandran, H.; Janakiraman, B.; Gelaw, A. Y.; Fisseha, B.; Sundaram, S.; Sharma, H. R.	Effect of scapular stabilization exercise program in patients with subacromial impingement syndrome: a systematic review	2020	systematic review
Razmjou, H.; Dwyer, T.; Holtby, R.	Impact of symptom bilaterality and hand dominance on patient-reported disability outcomes	2018	No Relevant Risk Factors: age not observed for surgical outcomes
Razmjou, H.; Fournier-Gosselin, S.; Christakis, M.; Pennings, A.; ElMaraghy, A.; Holtby, R.	Accuracy of magnetic resonance imaging in detecting biceps pathology in patients with rotator cuff disorders: Comparison with arthroscopy	2016	EXCLUDE: Duplicate of 15118

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Razmjou, H.; Fournier-Gosselin, S.; Christakis, M.; Pennings, A.; ElMaraghy, A.; Holtby, R.	Accuracy of magnetic resonance imaging in detecting biceps pathology in patients with rotator cuff disorders: comparison with arthroscopy	2016	Irrelevant Topic: Biceps Tendon Tear
Reahl, G. B.; Abdul-Rassoul, H.; Kim, R. L.; Ardavanis, K. S.; Novikov, D.; Curry, E. J.; Galvin, J. W.; Eichinger, J. K.; Li, X.	Anatomic vs. reverse shoulder arthroplasty for the treatment of Walch B2 glenoid morphology: a systematic review and meta-analysis	2021	Systematic Review; Bib Review Completed
Reams, R. C.; Vigan, M.; Wright, T. W.; King, J. J.; Werthel, J. D.; Schoch, B. S.	A 10-year experience with reverse shoulder arthroplasty: are we operating earlier?	2020	no comparison group; irrelevant outcome (tipping point)
Reddy, A. K.; Shepard, S.; Ottwell, R.; Thompson, J.; Price, C. M.; Arthur, W.; Hanson, C.; Ebert, A.; Wright, D. N.; Hartwell, M.; Vassar, M.	Over 30% of Systematic Reviews and Meta-analyses Focused on Rotator Cuff Tear Treatments Contained Spin in the Abstract	2021	systematic review
Reddy, A.; Gulotta, L. V.; Chen, X.; Castagna, A.; Dines, D. M.; Warren, R. F.; Kontaxis, A.	Biomechanics of lower trapezius and latissimus dorsi transfers in rotator cuff-deficient shoulders	2019	irrelevant population: 10 healthy subjects; biomechanical study
Reddy, R. P.; Charles, S.; Solomon, D. A.; Sabzevari, S.; Hughes, J. D.; Lesniak, B. P.; Lin, A.	Arthritis Severity and Medical Comorbidities Are Prognostic of Worse Outcomes Following Arthroscopic Rotator Cuff Repair in Patients With Concomitant Glenohumeral Osteoarthritis	2022	Mixed Population w/o Stratification: partial and full-thickness tears
Reddy, R. P.; Herman, Z. J.; Como, M.; James, M. G.; Steuer, F. W.; Adida, S.; Singh-Varma, A.; Nazzal, E. M.; Njoku-Austin, C.; Karimi, A.; Lin, A.	Reversing chronic pseudoparesis secondary to massive, irreparable rotator cuff tear: superior capsular reconstruction vs. reverse total shoulder arthroplasty	2024	Very Low Quality on Quality Appraisal
Reddy, R. P.; Solomon, D. A.; Hughes, J. D.; Lesniak, B. P.; Lin, A.	Clinical outcomes of rotator cuff repair in patients with concomitant glenohumeral osteoarthritis	2022	irrelevant comparison: concomitant glenohumeral OA vs. no OA
Redepenning, D. H.; Ludewig, P. M.; Looft, J. M.	Finite element analysis of the rotator cuff: A systematic review	2020	systematic review, bib review complete
Rees, J. L.; Craig, R.; Nagra, N.; Baldwin, M.; Lane, J. C. E.; Price, A.; Beard, D. J.; Abram, S.; Judge, A.; Prieto-Alhambra, D.; Furniss, D.; Carr, A. J.	Serious adverse event rates and reoperation after arthroscopic shoulder surgery: population based cohort study	2022	Tear type was unspecified
Reid, D. B. C.; Shah, K. N.; Shapiro, B. H.; Ruddell, J. H.; Akelman, E.; Daniels, A. H.	Mandatory Prescription Limits and Opioid Utilization Following Orthopaedic Surgery	2019	irrelevant comparison: pre-law vs. post-law; tear type was unspecified

Authors	Article Title	Year	Reason for Exclusion
Reid, J. J.; Garrigues, G. E.; Friedman, R. J.; Eichinger, J. K.	Irreparable Subscapularis Tears: Current Tendon Transfer Options	2024	Narrative Review
Reid, J. J.; Kunkle, B. F.; Kothandaraman, V.; Roche, C.; Eichinger, J. K.; Friedman, R. J.	Effects of obesity on clinical and functional outcomes following anatomic and reverse total shoulder arthroplasty	2022	Unstratified mixed population and tear type unspecified (see extended note)
Reina, M.; Fiumana, G.; Mantovani, M.; D'Antonio, L.; Porcellini, G.	Scapulohumeral rhythm in shoulders with reverse shoulder arthroplasty measured with a new portable three-dimensional scapular kinematics assessment system	2023	Small Sample Size: 14 Total Patients
Reinares, F.; Calvo, A.; Bernal, N.; Lizama, P.; Valenti, P.; Toro, F.	Arthroscopic-assisted latissimus dorsi transfer for irreparable posterosuperior cuff tears: Clinical outcome of 15 patients	2022	No comparison group
Reinig, Y.; Welsch, F.; Hoffmann, R.; Muller, D.; Gramlich, S.; Fischer, S.; Schuttler, K. F.; Zimmermann, E.; Stein, T.	Assessments of activities of daily living after arthroscopic SLAP repair with knot-tying versus knotless suture anchors	2019	irrelevant population/comparison: slap lesions vs. healthy controls
Ren, Y. M.; Duan, Y. H.; Sun, Y. B.; Yang, T.; Hou, W. Y.; Liu, C.; Tian, M. Q.	mRNA and long non-coding RNA expression profiles of rotator cuff tear patients reveal inflammatory features in long head of biceps tendon	2022	in-vitro study, gene expression for the regulation of inflammation
Ren, Y. M.; Duan, Y. H.; Sun, Y. B.; Yang, T.; Hou, W. Y.; Tian, M. Q.	Is arthroscopic repair superior to biceps tenotomy and tenodesis for type II SLAP lesions? A meta-analysis of RCTs and observational studies	2019	Systematic Review of Irrelevant Population (SLAP Tears)
Ren, Y. M.; Zhang, H. B.; Duan, Y. H.; Sun, Y. B.; Yang, T.; Tian, M. Q.	Comparison of arthroscopic suture-bridge technique and double-row technique for treating rotator cuff tears: A PRISMA meta-analysis	2019	systematic review
Rennie, C.; Futch, K. N.; Brennan, J. C.; Petre, B. M.; Zaidi, S.; Turcotte, J. J.; Johnson, A. H.; Redziniak, D. E.	Total Intravenous Anesthesia Compared to Inhalational Anesthesia in Patients Undergoing Arthroscopic Rotator Cuff Repair	2023	irrelevant comparison: total IV anesthesia vs inhalational anesthesia
Reuter, S.; Imhoff, A. B.; Martetschlager, F.	Impact of rotator cuff surgery on postoperative sporting activity	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Rezaie, M.; Negahban, H.; Mostafaei, N.; Ebrahimzadeh, M. H.; Eshraghi, R.; Raeesi, J.	Comparison of the physiotherapy with and without focus on the scapulothoracic joint on pain, range of motion, functional disability, quality of life, and treatment effectiveness of patients after arthroscopic shoulder rotator cuff tendon repair: A randomized controlled trial with short-term follow-up	2023	irrelevant comparison: Both groups received supervised physiotherapy.
Rezasoltani, Z.; Esmaily, H.; Dadarkhah, A.; Roustaei, M.; Mohebbi, R.; Vashaei, F.	Low Molecular-weight Hyaluronic Acid Versus Physiotherapy for the Treatment of Supraspinatus Tendinopathy: A Randomized Comparative Clinical Trial	2021	irrelevant population; supraspinatus tendinopathy

Authors	Article Title	Year	Reason for Exclusion
Rhee, S. M.; Chung, N. Y.; Jeong, H. J.; Oh, J. H.	Subacromial Local Anesthetics Do Not Interfere With Rotator Cuff Healing After Arthroscopic Repair	2018	irrelevant comparison; no opioids
Rhee, S. M.; Jeong, H. Y.; Ro, K.; Pancholi, S.; Rhee, Y. G.	Double on-lay fixation using all suture-type anchor for subpectoral biceps tenodesis has favorable functional outcomes and leads to less cosmetic deformities than single on-lay fixation	2019	irrelevant comparison: single vs. double on lay fixation for biceps tenodesis
Rhee, S. M.; Kim, M. S.; Kim, J. D.; Ro, K.; Ko, Y. W.; Rhee, Y. G.	Hematologic Expression After Shoulder Surgery: Normalization Curve of Serum Inflammatory Markers	2021	no relevant outcomes: serologic markers
Rhee, S. M.; Lee, J. D.; Park, Y. B.; Yoo, J. C.; Oh, J. H.	Prognostic Radiological Factors Affecting Clinical Outcomes of Reverse Shoulder Arthroplasty in the Korean Population	2019	irrelevant topic; preop radiological factors influence on post op outcomes
Rhee, S. M.; Youn, S. M.; Park, J. H.; Rhee, Y. G.	Biceps Rerouting for Semirigid Large-to-Massive Rotator Cuff Tears	2021	no risk factors of interest reported
Rhim, H. C.; Ruiz, J.; Taseh, A.; Afunugo, W.; Crockett, Z.; Schon, J.; Pan, X.; Shin, J.; Schowalter, S.; Jang, K. M.; Robinson, D. M.	Nonsteroidal Anti-Inflammatory Drug Injections versus Steroid Injections in the Management of Upper and Lower Extremity Orthopedic Conditions: A Systematic Review with Meta-Analysis	2024	Systematic Review; Bib Review Completed
Rhyner, P.; Cachemaille, M.; Goetti, P.; Rossel, J. B.; Boand, M.; Farron, A.; Albrecht, E.	Single-bolus injection of local anesthetic, with or without continuous infusion, for interscalene brachial plexus block in the setting of multimodal analgesia: a randomized controlled unblinded trial	2023	irrelevant comparison: single injection ropivacaine vs. continuous ropivacaine infusion
Ribeiro, D. C.; Belgrave, A.; Naden, A.; Fang, H.; Matthews, P.; Parshottam, S.	The prevalence of myofascial trigger points in neck and shoulder-related disorders: a systematic review of the literature	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Ribeiro, D. C.; Spiers, K.; Thomas, L.; Leilua, K.; Wilkes, M.; Norton, S.; Lamb, S. E.	Monitoring, implementation and reporting of interventions in a selection of trials assessing exercise therapy for the management of shoulder subacromial pain: a cross-sectional investigation	2021	Systematic review; bib review complete
Ribeiro, L. P.; Curiel-Montero, F.; Rodrigues-de-Souza, D. P.; Camargo, P. R.; Albuquerque-Sendin, F.	Assessment of description and implementation fidelity of clinical trials involving exercise-based treatment in individuals with rotator cuff tears: a scoping review	2024	Scoping Review
Riley, S. P.; Grimes, J. K.; Apeldoorn, A. T.; de Vet, R.	Agreement and reliability of a symptom modification test cluster for patients with subacromial pain syndrome	2020	irrelevant outcome of interest; inter tester agreement and reliability
Rinaldi, V. G.; La Verde, M.; Coliva, F.; Cammisa, E.; Lullini, G.; Caravelli, S.; Mosca, M.; Zaffagnini, S.; Marcheggiani Muccioli, G. M.	Arthroscopic approach does not yield better results than open surgery after subscapularis repair: a systematic review	2023	systematic review

Authors	Article Title	Year	Reason for Exclusion
Ring, D.	CORR Insights®: Are Psychosocial Factors Associated with Patient-reported Outcome Measures in Patients with Rotator Cuff Tears? A Systematic Review	2018	Narrative Review
Ring, D.	CORR Insights®: High Prevalence of Work-related Musculoskeletal Disorders and Limited Evidence-based Ergonomics in Orthopaedic Surgery: A Systematic Review	2024	Commentary on a Systematic Review
Ringshawl, Z. Y.; Farooq, M.; Bhat, A. A.; Pandit, H. H.; Wani, S.; Wani, F. M.	Indirect Arthroscopic Distal Clavicle Resection: an Institutional Experience with Midterm Functional Outcome	2021	No comparison group
Rizvi, S. M. T.; Bishop, M.; Lam, P. H.; Murrell, G. A. C.	Factors Predicting Frequency and Severity of Postoperative Pain After Arthroscopic Rotator Cuff Repair Surgery	2021	irrelevant population: revision rcr and partial thickness tears included; inadequate follow up time
Ro, K.; Rhee, S. M.; Kim, J. Y.; Kim, M. S.; Kim, J. D.; Lee, H.; Rhee, Y. G.	All-Suture Anchor Settling After Arthroscopic Repair of Small and Medium Rotator Cuff Tears	2019	Inadequate follow-up time; irrelevant comparisons by amount of bone mineral density
Roach, R.; Yu, S.; Pham, H.; Pham, V.; Virk, M.; Zuckerman, J. D.	Microbial colonization of subscapularis tagging sutures in shoulder arthroplasty: a prospective, controlled study	2019	Tear type was unspecified; no relevant outcomes
Roberts, A. M.; Voloshin, I.	Mapping physical functions of the shoulder to American Shoulder and Elbow Surgeons and Patient-Reported Outcomes Measurement Information System scores	2020	irrelevant topic: mapping function to ASES and PROMs
Robinson, D. M.; Eng, C.; Makovitch, S.; Rothenberg, J. B.; DeLuca, S.; Douglas, S.; Civitarese, D.; Borg-Stein, J.	Non-operative orthobiologic use for rotator cuff disorders and glenohumeral osteoarthritis: A systematic review	2021	systematic review
Robinson, D. M.; McInnis, K. C.; Rhim, H. C.; Tsitsilianos, N.	Lavage treatments for calcific rotator cuff tendinopathy	2023	Narrative Review
Robinson, N. M.; Gu, A.; Kaar, S. G.; Corey, R. M.; Bovonratwet, P.; Sculco, P. K.; Kim, C.	Rotator cuff repair in HIV-positive patients ages 65 and older: only slight increase in risk of general postoperative surgical complications	2021	Tear type was unspecified
Roca Ruiz, L. J.; Ruiz Iban, M. A.; Diaz Heredia, J.; Lopez-Millan, J. M.	Consensus on the preoperative management of patients with chronic moderate to severe shoulder pain to improve postoperative outcomes: Delphi results	2024	Systematic review, bib review complete
Roch, M.; Morin, M.; Gaudreault, N.	The MyotonPRO: A reliable tool for quantifying the viscoelastic properties of a trigger point on the infraspinatus in non-traumatic chronic shoulder pain	2020	irrelevant topic: quantification of viscoelastic properties; no relevant outcomes

Authors	Article Title	Year	Reason for Exclusion
Roche, C. P.; Fan, W.; Simovitch, R.; Wright, T.; Flurin, P. H.; Zuckerman, J. D.; Routman, H.	Impact of accumulating risk factors on the acromial and scapular fracture rate after reverse total shoulder arthroplasty with a medialized glenoid-lateralized humerus onlay prosthesis	2023	mixed population; mixed follow-up times less than a year
Roche, C. P.; Flurin, P. H.; Wright, T. W.; Zuckerman, J. D.	Comparison of Survivorship and Failure Modes Between Anatomic and Reverse Total Shoulder Arthroplasty Across Multiple Government Joint Registries for a Single Platform Shoulder System	2023	irrelevant topic: trends in usage of aTSA and rTSA; no relevant outcomes
Roddy, E.; Ogollah, R. O.; Oppong, R.; Zwierska, I.; Datta, P.; Hall, A.; Hay, E.; Jackson, S.; Jowett, S.; Lewis, M.; Shufflebotham, J.; Stevenson, K.; van der Windt, D. A.; Young, J.; Foster, N. E.	Optimising outcomes of exercise and corticosteroid injection in patients with subacromial pain (impingement) syndrome: a factorial randomised trial	2021	irrelevant comparison; all groups received the same injection and different physical therapy protocols
Rodriguez Diez-Caballero, B.; Alfonso-Beltran, J.; Bautista, I. J.; Barrios, C.	Occupational risk factors for shoulder chronic tendinous pathology in the Spanish automotive manufacturing sector: a case-control study	2020	Non-surgical population and not relevant to PICO 3 or 6
Rodriguez Lagos, L.; Arribas-Romano, A.; Fernandez-Carnero, J.; Gonzalez-Zamorano, Y.; Laguarda Val, S.	Effects of Percutaneous and Transcutaneous Electrical Nerve Stimulation on Endogenous Pain Mechanisms in Patients with Musculoskeletal Pain: A Systematic Review and Meta-Analysis	2023	Systematic Review; Bib Review Completed
Rodriguez, L. R.; Izquierdo, T. G.; Martin, D. P.	Adaptation and transcultural translation of the Rotator Cuff Quality of Life questionnaire into Spanish	2020	irrelevant topic: transcultural adaptation of RCQoL into Spanish
Rodriguez-Vaquero, G.; Lopez-Fernandez, V.; Calvo, E.	Lower trapezius transfer for massive posterosuperior rotator cuff defects	2022	Technique Description
Rogers, T.; Werthel, J. D.; Crowe, M. M.; Ortiguera, C. J.; Elhassan, B.; Sperling, J. W.; Sanchez-Sotelo, J.; Schoch, B. S.	Shoulder arthroplasty is a viable option in patients with Ehlers-Danlos syndrome	2021	irrelevant comparison groups: OA or cuff tear arthropathy vs. Ehlers-Danlos syndrome
Rognoni, C.; Nherera, L. M.; Garofalo, R.; Guerra, E.; Longo, U. G.; Taverna, E.; Tarricone, R.	Economic Evaluation of a Bioinductive Implant for the Repair of Rotator Cuff Tears Compared with Standard Surgery in Italy	2023	Cost
Rohman, E.; King, J. J.; Roche, C. P.; Fan, W.; Kilian, C. M.; Papandrea, R. F.	Factors associated with improvement or loss of internal rotation after reverse shoulder arthroplasty	2022	irrelevant comparison by preop internal rotation score
Rohrback, M.; Ramtin, S.; Abdelaziz, A.; Matkin, L.; Ring, D.; Crijns, T. J.; Johnson, A.	Rotator cuff tendinopathy: magnitude of incapability is associated with greater symptoms of depression rather than pathology severity	2022	irrelevant topic: risk factors for pathology severity

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Rojas Lievano, J.; Bautista, M.; Woodcock, S.; Fierro, G.; Gonzalez, J. C.	Controversy on the Association of the Critical Shoulder Angle and the Development of Degenerative Rotator Cuff Tears: Is There a True Association? A Meta-analytical Approach	2022	systematic review
Rojas, J.; Choi, K.; Joseph, J.; Srikumaran, U.; McFarland, E. G.	Aseptic Glenoid Baseplate Loosening After Reverse Total Shoulder Arthroplasty: A Systematic Review and Meta-Analysis	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Rojas, J.; Meshram, P.; Srikumaran, U.; McFarland, E. G.	Clinical and radiographic results of eccentric glenoid reaming in reverse total shoulder arthroplasty	2022	No comparison group; Mixed population w/o stratification
RoI, M.; Favard, L.; Berhouet, J.	Factors associated with internal rotation outcomes after reverse shoulder arthroplasty	2019	Mixed Population w/o Stratification: massive rotator cuff tear with or without osteoarthritis and gleno-humeral osteoarthritis with asymmetrical glenoid wear
Rombach, I.; Merritt, N.; Shirkey, B. A.; Rees, J. L.; Cook, J. A.; Cooper, C.; Carr, A. J.; Beard, D. J.; Gray, A. M.	Cost-effectiveness analysis of a placebo-controlled randomized trial evaluating the effectiveness of arthroscopic subacromial decompression in patients with subacromial shoulder pain	2019	Cost Analysis; Irrelevant Population (see extended note)
Rosen, M. R.; Lakehomer, H.; Kasik, C. S.; Stephenson, K.	Suture and anchors may be retained during treatment of deep infection after rotator cuff repair: A systematic review	2019	systematic review, bib review complete
Rosenthal, Y.; Kwon, Y. W.	Total Shoulder Arthroplasty Utilizing the Subscapularis-Sparing Approach	2020	technique review
Ross, B. J.; Wu, V. J.; McCluskey, L. C.; O'Brien, M. J.; Sherman, W. F.; Savoie, F. H.	Postoperative complication rates following total shoulder arthroplasty (TSA) vs. reverse shoulder arthroplasty (RSA): A nationwide analysis	2020	systematic review
Ross, J. P.; Lee, A.; Neeley, R.; Mighell, M. A.; Frankle, M. A.	The subscapularis-sparing windowed anterior technique for total shoulder arthroplasty	2021	irrelevant population: primary glenohumeral osteoarthritis; no rotator cuff tears
Rossi, L. A.; Piuze, N.; Giunta, D.; Tanoira, I.; Brandariz, R.; Pasqualini, I.; Ranalletta, M.	Subacromial Platelet-Rich Plasma Injections Decrease Pain and Improve Functional Outcomes in Patients With Refractory Rotator Cuff Tendinopathy	2021	no comparison group
Rosso, C.; Morrey, M. E.; Schar, M. O.; Grezda, K.	The role of platelet-rich plasma in shoulder pathologies: a critical review of the literature	2023	Systematic Review
Rothe, C.; Lund, J.; Jenstrup, M. T.; Steen-Hansen, C.; Lundstrom, L. H.; Andreassen, A. M.; Lange, K. H. W.	A randomized controlled trial evaluating the impact of selective axillary nerve block after arthroscopic subacromial decompression	2020	Irrelevant Comparison: Ropivacaine vs. Placebo. Opioid Consumption was an outcome.

Authors	Article Title	Year	Reason for Exclusion
Rotman, D.; Avraham, O.; Maman, O.; Piggott, R. P.; Kazum, E.; Chechik, O.; Maman, E.	Outcomes of reverse total shoulder arthroplasty following subacromial balloon spacer implantation	2023	Mixed population: arthropathy and no arthropathy included
Routledge, J. C.; Saber, A. Y.; Pennington, N.; Gupta, N.	Re-Tear Rates Following Rotator Cuff Repair Surgery	2023	Tear type was unspecified
Routman, H. D.; Simovitch, R. W.; Wright, T. W.; Flurin, P. H.; Zuckerman, J. D.; Roche, C. P.	Acromial and Scapular Fractures After Reverse Total Shoulder Arthroplasty with a Medialized Glenoid and Lateralized Humeral Implant: An Analysis of Outcomes and Risk Factors	2020	Mixed Population w/o Stratification: osteoarthritis, rheumatoid arthritis, osteonecrosis, Rotator cuff tear, and Rotator cuff tear arthropathy
Rubenstein, W. J.; Warwick, H. S. L.; Aung, M. S.; Zhang, A. L.; Feeley, B. T.; Ma, C. B.; Lansdown, D. A.	Defining recovery trajectories after shoulder arthroplasty: a latent class analysis of patient-reported outcomes	2021	Irrelevant Population (see extended note)
Ruder, M. C.; Zael, R.; Diefenbach, B. J.; Bey, M. J.	Quantifying shoulder activity after rotator cuff repair: Technique and preliminary results	2022	irrelevant comparison group: healthy controls (n=8)
Ruderman, L.; Leinroth, A.; Rueckert, H.; Tabarestani, T.; Baker, R.; Levin, J.; Cook, C. E.; Klifto, C. S.; Hilton, M. J.; Anakwenze, O.	Histologic Differences in Human Rotator Cuff Muscle Based on Tear Characteristics	2022	irrelevant topic: histological analysis of biopsies
Rudisill, S. S.; Eberlin, C. T.; Kucharik, M. P.; Linker, J. A.; Naessig, S. A.; Best, M. J.; Martin, S. D.	Sex differences in utilization and perioperative outcomes of arthroscopic rotator cuff repair	2022	Tear type was unspecified
Ruggiero, G.; Temporiti, F.; Zanotti, G.; Borroni, M.; Delle Rose, G.; Castagna, A.; Gatti, R.	Association among patient satisfaction, functional outcomes, and physiotherapy approaches after arthroscopic rotator cuff repair	2020	No relevant comparisons
Ruiz-Moneo, P.; Molano-Muñoz, J.; Prieto, E.; Algorta, J.	Plasma rich in growth factors in arthroscopic rotator cuff repair: a randomized, double-blind, controlled clinical trial	2013	>20% population undergoing reoperations
Russell, R. D.; Knight, J. R.; Mulligan, E.; Khazzam, M. S.	Structural integrity after rotator cuff repair does not correlate with patient function and pain: A meta-analysis	2014	Paper published before 2017 guideline last search date; systematic review
Russo, R.; Maiotti, M.; Cozzolino, A.; Della Rotonda, G.; Guastafierro, A.; Massoni, C.; Viglione, S.	Arthroscopic Iliac Crest Bone Allograft Combined With Subscapularis Upper-Third Tenodesis Shows a Low Recurrence Rate in the Treatment of Recurrent Anterior Shoulder Instability Associated With Critical Bone Loss	2021	Small Sample Size: 19 Total Patients
Rutgers, C.; Verweij, L. P. E.; Priester-Vink, S.; van Deurzen, D. F. P.; Maas, M.; van den Bekerom, M. P. J.	Recurrence in traumatic anterior shoulder dislocations increases the prevalence of Hill-Sachs and Bankart lesions: a systematic review and meta-analysis	2022	Systematic Review

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Ryan, J.; Imbergamo, C.; Sudah, S.; Kirchner, G.; Greenberg, P.; Monica, J.; Gatt, C.	Platelet-Rich Product Supplementation in Rotator Cuff Repair Reduces Retear Rates and Improves Clinical Outcomes: A Meta-analysis of Randomized Controlled Trials	2021	systematic review, bib review complete
Ryans, I.; Galway, R.; Harte, A.; Verghis, R.; Agus, A.; Heron, N.; McKane, R.	The Effectiveness of Individual or Group Physiotherapy in the Management of Sub-Acromial Impingement: A Randomised Controlled Trial and Health Economic Analysis	2020	cost analysis; not relevant to PICO 5 (both groups supervised and non-surgical)
Ryu, H. Y.; Song, S. Y.; Yoo, J. C.; Yun, J. Y.; Yoon, Y. C.	Accuracy of sagittal oblique view in preoperative indirect magnetic resonance arthrography for diagnosis of tears involving the upper third of the subscapularis tendon	2016	Appraised as Low Quality
Saade, F.; van Rooij, F.; Saffarini, M.; Godeneche, A.	Management of shoulder stiffness following rotator cuff repair: a systematic review and meta-analysis	2023	Systematic Review; Bib Review Completed
Sabesan, V. J.; Chatha, K.; Koen, S.; Echeverry, N.; Borroto, W. J.; Khoury, L. H.; Stephens, B. J.; Gilot, G.	An integrated educational and multimodal approach to achieving an opioid-free postoperative course after arthroscopic rotator cuff repair	2021	not an RCT; opioid use as an outcome, not intervention
Sabesan, V. J.; Petersen-Fitts, G. R.; Sweet, M. C.; Katz, D. L.; Lima, D. J. L.; Whaley, J. D.	The impact of preoperative opioid use on outcomes after arthroscopic rotator cuff repair	2018	irrelevant comparison; opioid use vs. no opioid use preop
Sabesan, V. J.; Shahriar, R.; Chatha, K.; Malone, D. L.; Sherwood, A.; Peaguda, C. F.; Whaley, J. D.	Factors Affecting the Cost and Profitability of Arthroscopic Rotator Cuff Repair	2019	cost analysis
Sabesan, V.; Whaley, J.; Petersen-Fitts, G.; Sherwood, A.; Sweet, M.; Lima, D. J. L.; Malone, D.	The effect of Medicaid payer status on patient outcomes following repair of massive rotator cuff tears	2018	no risk factors of interest
Sabo, M. T.; LeBlanc, J.; Hildebrand, K. A.	Patient gender and rotator cuff surgery: are there differences in outcome?	2021	Mixed Population w/o Stratification; No Relevant Risk Factors (see extended note)
Sabo, M. T.; Walker, A.; Elmi Assadzadeh, G.; Hildebrand, K. A.	Rotator cuff outcomes and mental health indices: Correlation or causation?	2023	Mixed Population w/o Stratification: partial and full thickness tears
Sacchetti, F.; Di Meglio, M.; Mondanelli, N.; Bianchi, N.; Bottai, V.; Cartei, F.; Cosseddu, F.; Capanna, R.; Giannotti, S.	Arthroscopic labral repair with all-suture anchors: a magnetic resonance imaging retrospective study with a 2.5-year follow-up	2021	Irrelevant population: SLAP and Bankart lesions (RC lesions were excluded)
Saccomanno, M. F.; Cerciello, S.; Adriani, M.; Motta, M.; Megaro, A.; Galli, S.; Scaini, A.; Milano, G.	Knotless PEEK and double-loaded biodegradable suture anchors ensure comparable clinical outcomes in the arthroscopic treatment of traumatic	2022	Irrelevant population: patients with recurrent traumatic anteroinferior instability; RC tears were excluded

Authors	Article Title	Year	Reason for Exclusion
	anterior shoulder instability: a prospective randomized study		
Saccomanno, M. F.; Marchi, G.; Mocini, F.; Vismara, V.; Campana, V.; Salvi, A. G.; Scaini, A.; Milano, G.	Anatomic reconstruction of the coracoclavicular and acromioclavicular ligaments with semitendinosus tendon graft for the treatment of chronic acromioclavicular joint dislocation provides good clinical and radiological results	2021	No comparison group; Irrelevant population
Sachinis, N. P.; Papagiannopoulos, S.; Sarris, I.; Papadopoulos, P.	Outcomes of Arthroscopic Nerve Release in Patients Treated for Large or Massive Rotator Cuff Tears and Associated Suprascapular Neuropathy: A Prospective, Randomized, Double-Blinded Clinical Trial	2021	Irrelevant Comparison: Combined Arthroscopic Release of the Superior Transverse Scapular Ligament vs. Control, also pts have Suprascapular Neuropathy
Sachinis, N. P.; Yiannakopoulos, C. K.; Berthold, D. P.; Franz, A.; Beitzel, K.	Can we accelerate rehabilitation following reverse shoulder arthroplasty? A systematic review	2024	Systematic Review, Bib Review Complete
Sadur, A.; Quan, T.; Nguyen, C.; Tabaie, S.	Metabolic Syndrome: Is Arthroscopic Rotator Cuff Repair Safe in This Patient Population?	2023	Tear type was unspecified
Saengpetch, N.; Kongmalai, P.	Subscapularis Failure after Anatomic Total Shoulder Arthroplasty: A Review of Diagnosis and Management	2022	systematic review
Sager, B.; Ahn, J.; Tran, J.; Khazzam, M.	Timing and Risk Factors for Venous Thromboembolism After Rotator Cuff Repair in the 30-Day Perioperative Period	2019	Tear type was unspecified
Sahan, M. H.; Serbest, S.; Tiftikci, U.; Durgut, E.; Inal, M.	Evaluation of arthroscopic rotator cuff repair results in patients with anterior greater tubercle cysts	2019	irrelevant comparison: cyst in the anterior greater tubercle vs. no cyst
Sahinoglu, E.; Unver, B.; Yamak, K.	The relationship of range of motion and muscle strength to patients' perspectives in pain, disability, and health-related quality of life in patients with rotator cuff disease	2021	irrelevant topic: ROM and strength pre- and post- PT
Sahinoglu, E.; Unver, B.; Yamak, K.	Structural validity and internal consistency of the Shoulder Pain and Disability Index in Turkish patients with rotator cuff disease: A proposal of a new version	2022	irrelevant topic: validation of the Turkish SPADI
Sahinoglu, E.; Unver, B.; Yamak, K.	The associations of emotional health with pain, disability, and health-related quality of life in patients with rotator cuff disease	2022	Non-surgical population and not relevant to PICO 3 or 6
Sahoo, S.; Derwin, K. A.; Zajichek, A.; Entezari, V.; Imrey, P. B.; Iannotti, J. P.; Ricchetti, E. T.	Associations of preoperative patient mental health status and sociodemographic and clinical characteristics with baseline pain, function, and satisfaction in patients undergoing primary shoulder arthroplasty	2021	irrelevant topic: preop factors associated with presurgical scores

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Sahoo, S.; Entezari, V.; Ho, J. C.; Jun, B. J.; Jin, Y.; Imrey, P. B.; Derwin, K. A.; Iannotti, J. P.; Ricchetti, E. T.	Disease diagnosis and arthroplasty type are strongly associated with short-term postoperative patient-reported outcomes in patients undergoing primary total shoulder arthroplasty	2024	Mixed Population w/o Stratification: cuff tear arthropathy underwent RTSA and were compared to RTSA for GHOA or aTSA for GHOA
Sahoo, S.; Ricchetti, E. T.; Zajichek, A.; Evans, P. J.; Farrow, L. D.; McCoy, B. W.; Jones, M. H.; Miniaci, A. A.; Sabesan, V. J.; Schickendantz, M. S.; Seitz, W. H.; Spindler, K. P.; Stearns, K. L.; Strnad, G.; Turan, A.; Entezari, V.; Imrey, P. B.; Iannotti, J. P.; Derwin, K. A.	Associations of Preoperative Patient Mental Health and Sociodemographic and Clinical Characteristics With Baseline Pain, Function, and Satisfaction in Patients Undergoing Rotator Cuff Repairs	2020	irrelevant topic: risk factors affecting baseline PROMs preop
Sahoo, S.; Stojanovska, M.; Imrey, P. B.; Jin, Y.; Bowles, R. J.; Ho, J. C.; Iannotti, J. P.; Ricchetti, E. T.; Spindler, K. P.; Derwin, K. A.; Entezari, V.	Changes From Baseline in Patient- Reported Outcomes at 1 Year Versus 2 Years After Rotator Cuff Repair: A Systematic Review and Meta-analysis	2022	systematic review, bib review complete
Saini, S. S.; Pettit, R.; Puzzitiello, R. N.; Hart, P. A.; Shah, S. S.; Jawa, A.; Kirsch, J. M.	Clinical Outcomes After Reverse Total Shoulder Arthroplasty in Patients With Primary Glenohumeral Osteoarthritis Compared With Rotator Cuff Tear Arthropathy: Does Preoperative Diagnosis Make a Difference?	2022	irrelevant comparison: primary glenohumeral OA vs. RC tear arthropathy
Saini, S.; Gupta, A.; Rao, S. M.; Krishna, B.; Raheja, S.; Malhotra, R. K.; Gupta, D. N.	Comparison of Analgesic Efficacy of Ultrasound-Guided Interscalene Block Versus Continuous Subacromial Infusion for Postoperative Analgesia Following Arthroscopic Rotator Cuff Repair Surgeries: A Randomized Trial	2021	Irrelevant Comparison: Ultrasound Guided Ropivacaine vs. Continuous Ropivacaine
Saito, H.; Harrold, M. E.; Cavalheri, V.; McKenna, L.	Scapular focused interventions to improve shoulder pain and function in adults with subacromial pain: A systematic review and meta-analysis	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Sakai, M.; Mutsuzaki, T.; Shimizu, Y.; Okamoto, Y.; Yatabe, K.; Muraki, I.; Nakajima, K.	Characteristic MRI findings of shoulder, elbow, and wrist joints in wheelchair user	2021	irrelevant comparison: healthy controls; no relevant outcomes
Sakha, S.; Erdogan, S.; Shanmugaraj, A.; Betsch, M.; Leroux, T.; Khan, M.	Update on all-arthroscopic vs. mini-open rotator cuff repair: A systematic review and meta-analysis	2021	systematic review
Salamh, P. A.; Hanney, W. J.; Boles, T.; Holmes, D.; McMillan, A.; Wagner, A.; Kolber, M. J.	Is it Time to Normalize Scapular Dyskinesis? The Incidence of Scapular Dyskinesis in Those With and Without Symptoms: a Systematic Review of the Literature	2023	Systematic review; bib review complete

Authors	Article Title	Year	Reason for Exclusion
Salamh, P. A.; Liu, X.; Hanney, W. J.; Sprague, P. A.; Kolber, M. J.	The efficacy and fidelity of clinical interventions used to reduce posterior shoulder tightness: a systematic review with meta-analysis	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Salas, M.; Zaldivar, B.; Fierro, G.; Gonzalez, J. C.; Lievano, J. R.	Incidence and risk factors for shoulder stiffness after open and arthroscopic rotator cuff repair	2024	Very Low Quality on Quality Appraisal
Salazar-Mendez, J.; Morales-Verdugo, J.; Lluch-Girbes, E.; Araya-Quintanilla, F.; Ribeiro, I. L.; Mendoza-Grau, R.; Mellado-Mendez, J.; Mendez-Rebolledo, G.	A Scoping Review of Tendon Transfer Surgeries and Post-Surgical Physical Therapy Interventions in Individuals with Massive Rotator Cuff Tears	2023	systematic review
Salesky, M. A.; Grace, T. R.; Feeley, B. T.; Ma, C. B.; Zhang, A. L.	Effects of cemented versus press-fit primary humeral stem fixation in the setting of revision shoulder arthroplasty	2018	irrelevant patient population; no relevant outcomes
Saltychev, M.; Johansson, J.; Kemppe, V.; Juhola, J.	Effectiveness of topical glyceryl trinitrate in treatment of tendinopathy - systematic review and meta-analysis	2022	systematic review
Saltzman, B. M.; Basques, B.; Leroux, T.; Frank, R. M.; Nicholson, G. P.; Verma, N. N.; Romeo, A. A.	The influence of gender on early adverse events, hospital charges and length of stay after shoulder arthroplasty	2018	Outcomes not stratified by injury type: 6% w/ rotator cuff injury, <12 mos follow-up
Saltzman, B. M.; Leroux, T. S.; Cotter, E. J.; Basques, B.; Griffin, J.; Frank, R. M.; Romeo, A. A.; Verma, N. N.	Trends in Open and Arthroscopic Long Head of Biceps Tenodesis	2020	Cost
Salvatore, G.; Longo, U. G.; Candela, V.; Berton, A.; Migliorini, F.; Petrillo, S.; Ambrogioni, L. R.; Denaro, V.	Epidemiology of rotator cuff surgery in Italy: regional variation in access to health care. Results from a 14-year nationwide registry	2020	irrelevant topic: epidemiology of RC surgery in Italy
Samargandi, R.; Abduh, W.; Favard, L.; Le Du, C.; Collin, P.; Berhouet, J.	"Tomydesis" might be a reliable technique for lesions of the long head of the biceps tendon associated with rotator cuff tears: a minimum 6-month prospective clinical follow-up study	2020	irrelevant comparison of different tenodesis techniques: double lasso vs. single lasso technique
Samim, M.; Beltran, L.	The Postoperative Rotator Cuff	2020	Narrative Review
Sanchez Carbonel, J. F.; Hinz, M.; Lozano, C.; Kleim, B. D.; Imhoff, A. B.; Siebenlist, S.	Pectoralis major and pectoralis minor transfer for irreparable subscapularis tendon tears	2022	Technique Description
Sánchez-González, J. L.; Sanz-Esteban, I.; Menéndez-Pardas, M.; Navarro-López, V.; Sanz-Mengibar, J. M.	Critical review of the evidence for Vojta Therapy: a systematic review and meta-analysis	2024	Irrelevant Topic, Vojta Therapy

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Sanchez-Losilla, C.; Ferre-Aniorte, A.; Alvarez-Diaz, P.; Barastegui-Fernandez, D.; Cugat, R.; Alentorn-Geli, E.	[Translated article] Efficacy of platelet-rich plasma in rotator cuff repair: Systematic review and meta-analysis	2024	Systematic Review; Bib Review Completed
Sandhu, H.; Hackett, L.; Tumpalan, J. F.; Lam, P. H.; Murrell, G. A. C.	Synthetic polytetrafluoroethylene patches for irreparable rotator cuff tears-how are they doing at 5 years?	2023	No comparison group
Sandler, A. B.; Gil, L. G.; Scanaliato, J. P.; Green, C. K.; Dunn, J. C.; Parnes, N.	Subacromial Balloon Placement Demonstrates No Advantage Over Debridement in the Treatment of Massive Irreparable Rotator Cuff Tears: A Dual-Armed Systematic Review and Meta-analysis of Over 1000 Patients	2023	Systematic Review
Sandler, A. B.; Green, C. K.; Scanaliato, J. P.; Fares, A. B.; Dunn, J. C.; Parnes, N.	The Influence of Obesity on Outcomes Following Arthroscopic Rotator Cuff Repair: A Systematic Review and Meta-Analysis of 118,331 Patients Internationally	2024	Systematic Review; Bib Review Completed
Sandler, A. B.; Scanaliato, J. P.; Narimissaei, D.; McDaniel, L. E.; Dunn, J. C.; Parnes, N.	The transition to outpatient shoulder arthroplasty: a systematic review	2022	Systematic Review
Sandow, M. J.; Schutz, C. R.	Arthroscopic rotator cuff repair using a transosseous knotless anchor (ATOK)	2020	Small sample size: 15 total patients; no comparison group
Sandow, M.; Page, R.; Hatton, A.; Peng, Y.	Total shoulder replacement stems in osteoarthritis-short, long, or reverse? An analysis of the impact of crosslinked polyethylene	2022	irrelevant population: primary OA
Sanko, C.; Kane, L. T.; Vaughan, A.; Ramsey, M. L.; Williams, G. R.; Lazarus, M. D.; Namdari, S.	Humeral stem loosening is not always prosthetic joint infection	2024	irrelevant population: only 3 rotator cuff injuries
Sano, H.; Komatsuda, T.; Inawashiro, T.; Sasaki, D.; Noguchi, M.; Irie, T.; Abe, H.; Ozawa, H.; Yokobori, A. T., Jr.	Comparison between single and double suture passing techniques in the suture bridge rotator cuff repair with a 2-mm tape: A simulation study using a three-dimensional finite element method	2021	Not a human subject study; biomechanical study of a finite model
Saracoglu, I.; Emuk, Y.; Taspinar, F.	Does taping in addition to physiotherapy improve the outcomes in subacromial impingement syndrome? A systematic review	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Sarasua, S. M.; Floyd, S.; Bridges, W. C.; Pill, S. G.	The epidemiology and etiology of adhesive capsulitis in the U.S. Medicare population	2021	Irrelevant topic: epidemiology and etiology of adhesive capsulitis
Sarda, P.; Butt, D.; Elnikety, S.; Fitzgerald, C.; Corbett, S.	Does Hyaluronan improve pain or function following Arthroscopic Subacromial decompression (ASD) surgery of Shoulder? Results of a level 1 RCT	2019	Irrelevant Topic: Hyalouronic Acid vs. Control
Saremi, H.; Amini, M.; Seifrabiei, M.	Comparison of Anterior and Posterior Transfer of Latissimus Dorsi Tendon to Humeral Head in Patients with Massive and Irreparable Rotator Cuff Tear	2023	Irrelevant comparison: anterosuperior cuff deficiency vs. posterosuperior cuff deficiency

Authors	Article Title	Year	Reason for Exclusion
Saremi, H.; Seifrabiei, M.	Subscapularis tendon tear classification and diagnosis: A systemic review and meta-analysis	2023	Systematic Review; Bib Review Completed
Saridakis, P.; Jones, G.	Outcomes of single-row and double-row arthroscopic rotator cuff repair: A systematic review	2010	Paper published before 2017 guideline last search date; systematic review
Sarikaya, B.; Bahadir, B.; Kaya, I.; Oklaz, B.; Bekin Sarikaya, P. Z.; Kanatli, U.	Can subcoracoid effusion be a more specific finding for subscapularis tear among rotator cuff pathologies on magnetic resonance imaging?	2023	irrelevant topic: subcoracoid effusion as a marker for tear on MRI; no relevant outcomes
Sasaki, K.; Morihara, T.; Kida, Y.; Furukawa, R.; Arai, Y.; Fujiwara, H.; Kubo, T.	Visualization of rotator cuff tear morphology by radial magnetic resonance imaging	2018	no relevant outcomes; visualization of tear morphology - all tears for both MRI and arthroscopy
Sassi, M.; Villa Corta, M.; Pisani, M. G.; Nicodemi, G.; Schena, E.; Pecchia, L.; Longo, U. G.	Advanced Home-Based Shoulder Rehabilitation: A Systematic Review of Remote Monitoring Devices and Their Therapeutic Efficacy	2024	Systematic Review; Bib Review Completed
Satalich, J. R.; Gammon, L. G.; Pershad, P.; Xie, K.; Boardman, D. N.; Vanderbeck, J. L.; Vap, A. R.	Conversion of Total Shoulder Arthroplasty to Reverse Total Shoulder Arthroplasty: Time to Conversion and Indications at a Tertiary Care Center	2021	irrelevant population: no rotator cuff pathology as TSA indication; no relevant outcomes
Saul, H.; Gursul, D.; Hopewell, S.	One-off physiotherapy and at-home exercise are effective in treating shoulder pain	2022	review of a different article already captured in PEER (AAOS ID: 726)
Savarese, E.; Aicale, R.; Torsiello, E.; Bernardini, G.; Maffulli, N.	Long head of biceps tendon augmentation for massive rotator cuff tears improves clinical results regardless of the number of tendons involved	2024	irrelevant comparison by tendons torn; all patients received same intervention
Savin, D. D.; Waterman, B. R.; Sumner, S.; Richardson, C.; Newgren, J.; Gowd, A. K.; Romeo, A. A.	Management of Failed Proximal Biceps Surgery: Clinical Outcomes After Revision to Subpectoral Biceps Tenodesis	2020	no comparison group; mixed population
Sayampanathan, A. A.; Silva, A. N.; Hwee Chye, A. T.	Rotator Cuff Repairs With and Without Acromioplasties Yield Similar Clinical Outcomes: A Meta-analysis and Systematic Review	2021	systematic review
Scanaliato, J. P.; Dunn, J. C.; Polmear, M. M.; Czajkowski, H.; Green, C. K.; Tomaino, M. M.; Parnes, N.	Acromial Morphology Does Not Correlate with Age at Time of Rotator Cuff Tear: A Cross-Sectional Study	2023	irrelevant topic: risk factors of acromial morphology
Schaeffeler, C.; Waldt, S.; Holzapfel, K.; Kirchhoff, C.; Jungmann, P. M.; Wolf, P.; Stat, D.; Schröder, M.; Rummeny, E. J.; Imhoff, A. B.; Woertler, K.	Lesions of the biceps pulley: diagnostic accuracy of MR arthrography of the shoulder and evaluation of previously described and new diagnostic signs	2012	included in previous guideline, but irrelevant to PICO sheet: biceps pulley lesions

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Schamberger, C. T.; Grossner, T.; Fischer, C.; Findeisen, S.; Ferbert, T.; Suda, A. J.; Schmidmaier, G.; Stein, S.	The Modified Ultrasound-Assisted Method: A Study of the Correlation between Magnetic Resonance Imaging and the Ultrasound-Assisted Evaluation of the Critical Shoulder Angle	2024	no relevant outcomes or extractable data
Schanda, J. E.; Eigenschink, M.; Laky, B.; Schwinghammer, A.; Lanz, U.; Pauzenberger, L.; Heuberger, P. R.	Rotator Cuff Delamination Is Associated With Increased Tendon Retraction and Higher Fatty Muscle Infiltration: A Comparative Study on Arthroscopy and Magnetic Resonance Imaging	2022	irrelevant topic: diagnosis of delamination
Scheiderer, B.; Imhoff, F. B.; Johnson, J. D.; Aglio, J.; Cote, M. P.; Beitzel, K.; Imhoff, A. B.; Arciero, R. A.; Mazzocca, A. D.; Morikawa, D.	Higher Critical Shoulder Angle and Acromion Index Are Associated With Increased Retear Risk After Isolated Supraspinatus Tendon Repair at Short-Term Follow Up	2018	no relevant risk factors
Schell, L. E.; Roche, C. P.; Eichinger, J. K.; Flurin, P. H.; Wright, T. W.; Zuckerman, J. D.; Friedman, R. J.	Aseptic glenoid baseplate loosening after reverse total shoulder arthroplasty with a single prosthesis	2023	Mixed population w/o stratification; tear type was unspecified
Schemitsch, C.; Chahal, J.; Vicente, M.; Nowak, L.; Flurin, P. H.; Lambers Heerspink, F.; Henry, P.; Nauth, A.	Surgical repair versus conservative treatment and subacromial decompression for the treatment of rotator cuff tears: a meta-analysis of randomized trials	2019	systematic review
Schenk, P.; Bachmann, E.; Aichmair, A.; Gotschi, T.; Gerber, C.; Meyer, D. C.	Biomechanical and Clinical Evaluation of the Optimal Arm Position After Rotator Cuff Surgery With an Adjustable Abduction Brace	2021	irrelevant comparison group: healthy volunteers
Schiefer, M.; Naliato, E.; Oliveira, R.; Carmo, L. T. D.; Fontenelle, Crdc; Motta Filho, G. D. R.	MRI is a Reliable Method for Measurement of Critical Shoulder Angle and Acromial Index	2023	no relevant outcomes for PICO 3
Schiffman, C. J.; Hannay, W. M.; Whitson, A. J.; Neradilek, M. B.; Matsen, F. A., 3rd; Hsu, J. E.	Impact of previous non-arthroplasty surgery on clinical outcomes after primary anatomic shoulder arthroplasty	2020	Mixed population w/o stratification: avascular necrosis, capsulorrhaphy arthropathy, chondrolysis, OA
Schmalzl, J.; Graf, A.; Kimmeyer, M.; Gilbert, F.; Gerhardt, C.; Lehmann, L. J.	Treatment of avascular necrosis of the humeral head - Postoperative results and a proposed modification of the classification	2022	irrelevant topic; proximal humeral fracture
Schmidt, M.; Enger, M.; Pripp, A. H.; Nordsletten, L.; Moosmayer, S.; Melhuus, K.; Brox, J. I.	Interrater reliability of physical examination tests in the acute phase of shoulder injuries	2021	no outcomes of interest

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Schmucker, C.; Titscher, V.; Braun, C.; Nussbaumer-Streit, B.; Gartlehner, G.; Meerpohl, J.	Surgical and Non-Surgical Interventions in Complete Rotator Cuff Tears	2020	systematic review, bib review complete
Schneider, A.; Burr, R.; Garbis, N.; Salazar, D.	Platelet-rich plasma and the shoulder: clinical indications and outcomes	2018	Narrative Review
Schneider, W. R.; Trasolini, R. G.; Riker, J. J.; Gerber, N.; Ruotolo, C. J.	Stiffness after arthroscopic rotator cuff repair: a rehabilitation problem or a surgical indication?	2021	Mixed Population w/o Stratification: partial and full-thickness tears
Schoch, B. S.; King, J. J.; Fan, W.; Flurin, P. H.; Wright, T. W.; Zuckerman, J. D.; Roche, C. P.	Characteristics of anatomic and reverse total shoulder arthroplasty patients who achieve ceiling scores with 3 common patient-reported outcome measures	2022	unclear patient population: all patients who underwent atsa and rtsa were included
Schoch, B. S.; Taba, H.; Aibinder, W.; King, J. J.; Wright, T. W.	Effect of Reverse Shoulder Arthroplasty Lateralization Design on Scapular Notching: A Single-Surgeon Experience	2020	irrelevant population: rotator cuff tear arthropathy or osteoporosis w/ RC insufficiency
Schoch, B. S.; Tams, C.; Eichinger, J.; Wright, T. W.; King, J. J.; Friedman, R. J.	Anatomic total shoulder arthroplasty after healed rotator cuff repair: a matched cohort	2020	irrelevant population: primary diagnosis for TSA is osteoarthritis.
Schoch, B. S.; Vigan, M.; Roche, C. P.; Parsons, M.; Wright, T. W.; King, J. J.; Werthel, J. D.	Deltoid fatigue: a longitudinal assessment of reverse shoulder arthroplasty over time	2021	mixed population; no comparison group
Schoch, B. S.; Werner, B. C.; Shapiro, S. A.; Camp, C. L.; Chalmers, P. N.; Cancienne, J. M.	Effect of Bone Marrow Aspirate Concentrate and Platelet-Rich Plasma Augmentation on the Rate of Revision Rotator Cuff Repair	2022	no mention of tears in patient population
Schoenherr, J. W.; Gonzalez, M.; Serrano, R.; Park, M.; Lee, Z.; Cobb, K.; Howard, C.; Flynn, D.; Li, Q.; Grant, S.; Bullard, T.	Quality of Recovery After Rotator Cuff Repair With Interscalene Liposomal Bupivacaine Versus Interscalene Nerve Catheter	2022	irrelevant comparison: single-injection interscalene liposomal bupivacaine vs. an interscalene peripheral nerve catheter
Schwank, A.; Struyf, T.; Struyf, F.; Blazey, P.; Mertens, M.; Gisi, D.; Pisan, M.; Meeus, M.	Are psychosocial variables, sleep characteristics or central pain processing prognostic factors for outcome following rotator cuff repair? A protocol for a prospective longitudinal cohort study	2022	Study Protocol, no results/outcomes
Schwartz, C.; Croisier, J. L.; Bruls, O.; Denoel, V.; Forthomme, B.	Tight shoulders: A clinical, kinematic and strength comparison of symptomatic and asymptomatic male overhead athletes before and after stretching	2021	Irrelevant Comparison Group: Asymptomatic Controls
Schwartzberg, R. S.; Reuss, B. L.; Rust, R.	Efficacy of continuous subacromial bupivacaine infusion for pain control after arthroscopic rotator cuff repair	2013	Irrelevant Comparison: no postop subacromial infusion cath vs. postop subacromial cath filled with saline solution vs. postop subacromial infusion cath filled with 0.5% bupivacaine without epi

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Schwarz, I.; Houck, D. A.; Belk, J. W.; Hop, J.; Bravman, J. T.; McCarty, E.	The Quality and Content of Internet-Based Information on Orthopaedic Sports Medicine Requires Improvement: A Systematic Review	2021	systematic review, bib review complete
Schwesig, R.; Fieseler, G.; Cornelius, J.; Sendler, J.; Schulze, S.; Hermassi, S.; Delank, K. S.; Laudner, K.	A Longitudinal Analysis of the Internal Rotation and Shift (IRO/Shift) Test Following Arthroscopic Repair of Superior Rotator Cuff Lesions	2022	Irrelevant Population: Pts already have confirmed diagnosis before study
Scopa, P.; Pasqua di Bisceglie, A.; De Lotto, F.; Alfano, A.; Faiferri, S.; Regazzo, A.	Musculoskeletal disorders and work-related musculoskeletal diseases among nursery school teachers: analysis in a sample in the city of Venice	2020	irrelevant topic: prevalence of musculoskeletal disorders
Seah, S. J. S.; Yeo, M. H. X.; Gatot, C.; Lie, D.	Non-selective NSAIDs do not increase retear rates post-arthroscopic rotator cuff repair: A meta-analysis	2023	systematic review
Seidler, A.; Romero Starke, K.; Freiberg, A.; Hegewald, J.; Nienhaus, A.; Bolm-Audorff, U.	Dose-Response Relationship between Physical Workload and Specific Shoulder Diseases-A Systematic Review with Meta-Analysis	2020	systematic review
Seker, V.; Hackett, L.; Lam, P. H.; Murrell, G. A. C.	Evaluating the Outcomes of Rotator Cuff Repairs With Polytetrafluoroethylene Patches for Massive and Irreparable Rotator Cuff Tears With a Minimum 2-Year Follow-up	2018	no comparison group
Sekiguchi, T.; Hagiwara, Y.; Ando, A.; Kanazawa, K.; Suzuki, K.; Koide, M.; Yabe, Y.; Onoda, S.; Itoi, E.	Validation and reliability of a Japanese version of the Shoulder Pain and Disability Index: A cross-sectional study	2021	irrelevant topic: validation of Japanese version of SPADI
Sen, E. I.; Arman, S.; Tseveendorj, N.; Yilmaz, E.; Oral, A.; Capan, N.	Low-level laser therapy versus ultrasound therapy combined with home-based exercise in patients with subacromial impingement syndrome: A randomized-controlled trial	2023	Non-surgical population and not relevant to PICO 3 or 6
Senju, T.; Okada, T.; Takeuchi, N.; Kozono, N.; Nakanishi, Y.; Higaki, H.; Shimoto, T.; Nakashima, Y.	Biomechanical analysis of four different medial row configurations of suture bridge rotator cuff repair	2019	biomechanics study
Seo, J. B.; Kim, S. J.; Ham, H. J.; Kwak, K. Y.; Yoo, J.	New predictors for subscapularis tear: Coraco-lesser tuberosity angle, lesser tuberosity angle, and lesser tuberosity height	2020	Irrelevant Comparison: Healthy Controls; Not Relevant to PICOs
Sequeira, S. B.; Wright, M. A.; Murthi, A. M.	Payor type is associated with increased rates of reoperation and health care utilization after rotator cuff repair: a national database study	2023	cost analysis; tear type was unspecified
Sequeira, S. B.; Wright, M. A.; Murthi, A. M.	Statistical Fragility of Randomized Controlled Trials Evaluating Rehabilitation After Arthroscopic Rotator Cuff Repair	2023	Systematic Review; Bib Review Completed
Sergienko, R.; Vovchenko, A.; Kravchuk, L.; Zinchenko, V.; Ivanovska, O.	Analysis the Results of Surgical Treatment and Early Rehabilitation of Patients with Massive Tears the Rotator Cuff the Shoulder	2023	Not a randomized controlled trial; PICO 4 is RCT only update

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Serifoglu, I.; Guneyli, S.; Ilker Oz, I.; Tosun, A.	Acoustic Radiation Force Impulse (ARFI) Elastography in Evaluation of Supraspinatus Tendinopathy	2023	no relevant outcomes
Servasier, L.; Jeudy, J.; Raimbeau, G.; Bigorre, N.	Arthroscopic release of the pectoralis minor tendon as an adjunct to acromioplasty in the treatment of subacromial syndrome associated with scapular dyskinesia	2022	irrelevant comparison by stage of scapular dyskinesia
Seth, I.; Hackett, L. M.; Bulloch, G.; Sathe, A.; Alphonse, S.; Murrell, G. A. C.	The application of shear wave elastography with ultrasound for rotator cuff tears: a systematic review	2023	systematic review
Sethi, P. M.; Brameier, D. T.; Mandava, N. K.; Miller, S. R.	Liposomal bupivacaine reduces opiate consumption after rotator cuff repair in a randomized controlled trial	2019	irrelevant comparison: liposomal bupivacaine vs. control
Sewpaul, Y.; Huynh, R. C. T.; Hartland, A. W.; Leung, B.; Teoh, K. H.; Rashid, M. S.	Non-steroidal Anti-inflammatory Drugs and Cyclooxygenase-2 Inhibitors Do Not Affect Healing After Rotator Cuff Repair: A Systematic Review and Meta-analysis	2024	Systematic Review; Bib Review Completed
Sgroi, M.; Friesz, T.; Schocke, M.; Reichel, H.; Kappe, T.	Biocomposite Suture Anchors Remain Visible Two Years After Rotator Cuff Repair	2019	No comparison group
Shah, K. N.; Ruddell, J. H.; Reid, D. B. C.; Shapiro, B. H.; Akelman, E.; Fadale, P. D.; Daniels, A. H.	Opioid-Limiting Regulation: Effect on Patients Undergoing Knee and Shoulder Arthroscopy	2020	irrelevant comparison: pre-regulation vs. post implementation
Shah, N. S.; Figueras, J. H.; Foote, A. M.; Steele, C. A.; Sabbagh, R. S.; Woods, O. A.; Thomson, C.; Schramm, V. T.; Grawe, B. M.	Recall Bias in Retrospective Assessment of Preoperative American Shoulder and Elbow Surgeons Scores After Reverse Total Shoulder Arthroplasty	2022	No comparison group
Shah, N. S.; Foote, A. M.; Steele, C. A.; Woods, O. A.; Schumaier, A. P.; Sabbagh, R. S.; Schramm, V. T.; Grawe, B. M.	Does preoperative disease severity influence outcomes in reverse shoulder arthroplasty for cuff tear arthropathy?	2021	no comparison surgical technique
Shah, N. S.; Suriel Peguero, E.; Umeda, Y.; Crawford, Z. T.; Grawe, B. M.	Long-Term Outcomes of Massive Rotator Cuff Tear Repair: A Systematic Review	2022	systematic review, bib review complete

Authors	Article Title	Year	Reason for Exclusion
Shah, S. S.; Gaal, B. T.; Roche, A. M.; Namdari, S.; Grawe, B. M.; Lawler, M.; Dalton, S.; King, J. J.; Helmkamp, J.; Garrigues, G. E.; Wright, T. W.; Schoch, B. S.; Flik, K.; Otto, R. J.; Jones, R.; Jawa, A.; McCann, P.; Abboud, J.; Horneff, G.; Ross, G.; Friedman, R.; Ricchetti, E. T.; Boardman, D.; Tashjian, R. Z.; Gulotta, L. V.	The modern reverse shoulder arthroplasty and an updated systematic review for each complication: part I	2020	systematic review
Shah, S. S.; Roche, A. M.; Sullivan, S. W.; Gaal, B. T.; Dalton, S.; Sharma, A.; King, J. J.; Grawe, B. M.; Namdari, S.; Lawler, M.; Helmkamp, J.; Garrigues, G. E.; Wright, T. W.; Schoch, B. S.; Flik, K.; Otto, R. J.; Jones, R.; Jawa, A.; McCann, P.; Abboud, J.; Horneff, G.; Ross, G.; Friedman, R.; Ricchetti, E. T.; Boardman, D.; Tashjian, R. Z.; Gulotta, L. V.	The modern reverse shoulder arthroplasty and an updated systematic review for each complication: part II	2021	systematic review
Shaikh, H. J. F.; Anderson, D. E.; Chait, A. R.; Ramirez, G.; Bronstein, R. D.; Goldblatt, J. P.; Giordano, B. D.; Maloney, M. D.; Nicandri, G. T.; Voloshin, I.; Mannava, S.	Use of Area Deprivation Index to Predict Minimal Clinically Important Difference for Patient Reported Outcomes Measurement Information System After Arthroscopic Rotator Cuff Repair	2023	Mixed Population w/o Stratification: partial and full thickness tears
Sharma, D.; Tolani, M.; Pathan, S. R.; Soni, S.; Patel, D. R.; Shroff, M. R.	A Comparative Analysis of Functional Recovery in Surgical Rotator Cuff Tear Repair: Mini-Open Versus All-Arthroscopic Techniques	2024	Tear type was unspecified
Sharma, P.; Gupta, S.; Singh, R.	FROZEN SHOULDER: CLINICAL PRESENTATION AND TREATMENT STRATEGY	2023	Systematic review
Sharma, S.; Hussain, M. E.; Sharma, S.	Manual therapy combined with therapeutic exercise vs therapeutic exercise alone for shoulder impingement syndrome: A systematic review and meta-analysis	2021	systematic review
Sheean, A. J.; Sa, D.; Woolnough, T.; Cognetti, D. J.; Kay, J.; Burkhart, S. S.	Does an Increased Critical Shoulder Angle Affect Re-tear Rates and Clinical Outcomes Following Primary Rotator Cuff Repair? A Systematic Review	2019	systematic review
Sheikh, H. Q.; Cabry, F.; Talbot, J. C.	Irreparable cuff tears: an update on treatment options	2022	systematic review

Authors	Article Title	Year	Reason for Exclusion
Sheikhzadeh, A.; Wertli, M. M.; Weiner, S. S.; Rasmussen-Barr, E.; Weiser, S.	Do psychological factors affect outcomes in musculoskeletal shoulder disorders? A systematic review	2021	systematic review, bib review complete
Shellock, F. G.; Bert, J. M.; Fritts, H. M.; Gundry, C. R.; Easton, R.; Crues, J. V., 3rd	Evaluation of the rotator cuff and glenoid labrum using a 0.2-Tesla extremity magnetic resonance (MR) system: MR results compared to surgical findings	2001	Low Quality upon Appraisal - Keeping only Moderates and Highs for PICO 3
Shen, W.; Wang, W.; Xue, Y.; Shi, J.; Pu, Z.; Gao, Q.	Comparative effectiveness of different platelet-rich plasma for arthroscopic rotator cuff repair: A protocol for systematic review and network meta-analysis	2022	Study Protocol, no results
Shen, Y.; Zhao, X.; Qi, C.; Chen, F.; Fu, H.; Zhang, Y.; Zhang, Y.; Yu, T.	Surgical Outcomes after Arthroscopic Single Row Anchor Repair for Subscapularis Tears Concomitant with Injury of the Long Head of the Biceps Tendon	2020	No comparison-all participants underwent repair
Shen, Z.; Ye, X.; He, Y.; Shen, G.; Xu, K.; Zhang, B.; Wu, L.	Arthroscopic rotator cuff repair combined with platelet-rich plasma products can reduce the rate of retearing and improve clinical outcomes: A meta-analysis of randomized controlled trials	2024	Systematic Review; Bib Review Completed
Shepet, K. H.; Liechti, D. J.; Kuhn, J. E.	Nonoperative treatment of chronic, massive irreparable rotator cuff tears: a systematic review with synthesis of a standardized rehabilitation protocol	2021	systematic review
Sheth, M. M.; Shah, A. A.	Massive and Irreparable Rotator Cuff Tears: A Review of Current Definitions and Concepts	2023	Systematic Review
Sheth, M.; Ko, J. W. K.; Namdari, S.	Reverse Shoulder Arthroplasty and Latissimus Dorsi Tendon Transfer	2017	Paper published before 2017 guideline last search date; systematic review
Sheth, U.; Mehta, M.; Huyke, F.; Terry, M. A.; Tjong, V. K.	Opioid Use After Common Sports Medicine Procedures: A Systematic Review	2020	systematic review
Shibata, T.; Izaki, T.; Nishio, J.; Miyake, S.; Arashiro, Y.; Minamikawa, T.; Minokawa, S.; Shibata, Y.; Yamamoto, T.	Are there differences in arthroscopic and histological features between traumatic and degenerative rotator cuff tears in elderly patients? A prospective dual-center analysis	2022	Irrelevant Comparison: Traumatic Tears vs. Degenerative Tears
Shibata, T.; Shibata, Y.; Minokawa, S.; Miyake, S.; Izaki, T.	Arthroscopic margin convergence of large-sized rotator cuff tears does not lead to better clinical outcome compared with conventional repair	2024	Irrelevant Topic: Margin Convergence
Shibayama, Y.; Hirose, T.; Sugi, A.; Mizushima, E.; Watanabe, Y.; Tomii, R.; Iba, K.; Yamashita, T.	Diagnostic accuracy of magnetic resonance imaging for partial tears of the long head of the biceps tendon in patients with rotator cuff tears	2022	Irrelevant Topic: Long Head Bicep Tendon Tears
Shibayama, Y.; Hirose, T.; Sugi, A.; Mizushima, E.; Watanabe, Y.; Tomii, R.; Iba, K.; Yamashita, T.	Relationship between preoperative size of rotator cuff tears measured using radial-slice magnetic resonance images and postoperative rotator cuff integrity: a prospective case-control study	2022	Tear type was unspecified; No relevant risk factors

Authors	Article Title	Year	Reason for Exclusion
Shibayama, Y.; Imamura, R.; Hirose, T.; Sugi, A.; Mizushima, E.; Watanabe, Y.; Tomii, R.; Emori, M.; Teramoto, A.; Iba, K.; Yamashita, T.	Reliability and accuracy of the critical shoulder angle measured by anteroposterior radiographs: using digitally reconstructed radiograph from 3-dimensional computed tomography images	2023	no relevant outcomes
Shields, E.; Wiater, J. M.	Patient Outcomes After Revision of Anatomic Total Shoulder Arthroplasty to Reverse Shoulder Arthroplasty for Rotator Cuff Failure or Component Loosening: A Matched Cohort Study	2019	irrelevant comparison: primary vs. revision RTSA; mixed population of component loosening, RC failure, irreparable tears and arthropathy
Shim, G. Y.; Kim, E. H.; Baek, Y. J.; Chang, W. K.; Kim, B. R.; Oh, J. H.; Lee, J. I.; Hwang, J. H.; Lim, J. Y.	A randomized controlled trial of postoperative rehabilitation using digital healthcare system after rotator cuff repair	2023	both groups received at home, unsupervised PT
Shim, J. W.; Hong, S. W.; Park, Y. B.; Lee, S. M.; Yoo, J. C.	Clinical and radiological outcomes of arthroscopic en bloc repair for delaminated rotator cuff tear versus non-delaminated tear	2019	irrelevant comparison: delaminated vs. nondelaminated tears
Shim, J. W.; Jung, T. W.; Kim, I. S.; Yoo, J. C.	Knot-tying versus knotless suture anchors for arthroscopic bankart repair: A comparative study	2021	Irrelevant Population: Bankart Lesion - patients with concomitant rotator cuff tear were excluded from this study
Shim, J. W.; Pang, C. H.; Min, S. K.; Jeong, J. Y.; Yoo, J. C.	A novel diagnostic method to predict subscapularis tendon tear with sagittal oblique view magnetic resonance imaging	2019	irrelevant comparison; healthy controls; no relevant outcomes
Shim, J.; Pavlova, A. V.; Moss, R. A.; MacLean, C.; Brandie, D.; Mitchell, L.; Greig, L.; Parkinson, E.; Tzortziou Brown, V.; Morrissey, D.; Alexander, L.; Cooper, K.; Swinton, P. A.	Patient ratings in exercise therapy for the management of tendinopathy: a systematic review with meta-analysis	2023	systematic review
Shim, S. B.; Jeong, J. Y.; Kim, J. S.; Yoo, J. C.	Evaluation of risk factors for irreparable rotator cuff tear in patients older than age 70 including evaluation of radiologic factors of the shoulder	2018	irrelevant topic: risk factors of irreparable tears
Shimoyama, D.; Shitara, H.; Hamano, N.; Ichinose, T.; Sasaki, T.; Yamamoto, A.; Kobayashi, T.; Tajika, T.; Takagishi, K.; Chikuda, H.	Reliability of shoulder muscle stiffness measurement using strain ultrasound elastography and an acoustic coupler	2021	irrelevant population: healthy young volunteers
Shin, H. J.; Na, H. S.; Oh, A. Y.; Hwang, J. W.; Kim, B. G.; Park, H. P.; Jeon, Y. T.; Min, S. W.; Ryu, J. H.	A prospective, randomized and controlled study of interscalene brachial plexus block for arthroscopic shoulder surgery: A comparison of C5 and conventional approach, a CONSORT-compliant article	2016	Irrelevant Comparison: Control vs. Conventional ISB vs. C5 ISB (ISB with the C5 approach)

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Shin, H. R.; Park, K.; An, S. H.; Park, S. J.; Gu, J. H.; Lee, E. J.; Lee, J. E.; Choi, J. B.; Yeom, S. R.	Chuna manual therapy combined with acupuncture and cupping for frozen shoulder (adhesive capsulitis): multicenter, randomized, patient-assessor blind, clinical trial	2020	cost analysis; irrelevant comparison: acupuncture, cupping, and CMT vs. control
Shin, K. H.; Jang, I. T.; Han, S. B.	Comparison of En Masse Repair versus Separate Double-Layer Repair for Delaminated Rotator Cuff Tears: A Systematic Review and Meta-Analysis	2024	Systematic Review; Bib Review Completed
Shin, K. H.; Jang, I. T.; Han, S. B.	Outcomes of Superior Capsular Reconstruction Using the Long Head of the Biceps Tendon in Large to Massive Rotator Cuff Tears: A Meta-Analysis and Systematic Review	2024	Systematic Review; Bib Review Completed
Shin, K. H.; Kim, J. U.; Jang, I. T.; Han, S. B.	Effect of Bone Marrow Stimulation on Arthroscopic Rotator Cuff Repair: A Systematic Review and Meta-analysis	2024	Systematic Review; Bib Review Completed
Shin, S. J.; Lee, S.; Hwang, J. Y.; Lee, W.; Koh, K. H.	Superior Capsular Reconstruction Using Acellular Dermal Allograft Combined With Remaining Rotator Cuff Augmentation Improved Shoulder Pain and Function at 1 Year After The Surgery	2022	no comparison group; subgroup comparison less than 10 per group
Shin, S. J.; Lee, S.; Hwang, J. Y.; Lee, W.; Koh, K. H.	Tear pattern after superior capsular reconstruction using an acellular dermal matrix allograft	2022	irrelevant comparison between healed vs. incomplete graft; less than 10 patients per group
Shin, Y. K.; Ryu, K. N.; Park, J. S.; Jin, W.; Park, S. Y.; Yoon, Y. C.	Predictive Factors of Retear in Patients With Repaired Rotator Cuff Tear on Shoulder MRI	2018	Excluded from 2017 guideline; not relevant to PICO 13
Shinagawa, K.; Hatta, T.; Watanuki, S.; Yamamoto, N.; Tashiro, M.; Itoi, E.	The quantification of muscle activities during arm elevation following reverse shoulder arthroplasty or superior capsular reconstruction for irreparable rotator cuff tears using positron emission tomography	2023	No relevant outcomes: quantified muscle activity
Shinagawa, S.; Shitara, H.; Yamamoto, A.; Sasaki, T.; Ichinose, T.; Hamano, N.; Shimoyama, D.; Endo, F.; Kuboi, T.; Tajika, T.; Kobayashi, T.; Osawa, T.; Takagishi, K.; Chikuda, H.	Intraoperative neuromonitoring during reverse shoulder arthroplasty	2019	No comparison group
Shinde, S. B.; Dalvi, S. K.; Shinde, R. V.	Glenohumeral Translations in Overhead Workers with Subacromial Impingement Syndrome - A Review	2023	Systematic Review; Bib Review Completed
Shingh, S. S.; Joshi, B. R.; Thapa, S. S.	Comparison of Sonographic Findings of the Rotator Cuff Between Diabetic and Non-diabetic Patients with Shoulder Pain	2021	Non-surgical population and not relevant to PICO 3 or 6

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Shinohara, I.; Mifune, Y.; Inui, A.; Nishimoto, H.; Yamaura, K.; Mukohara, S.; Yoshikawa, T.; Kato, T.; Furukawa, T.; Hoshino, Y.; Matsushita, T.; Kuroda, R.	Biochemical Markers of Aging (Advanced Glycation End Products) and Degeneration Are Increased in Type 3 Rotator Cuff Tendon Stumps With Increased Signal Intensity Changes on MRI	2022	No Relevant Outcomes: Histological Analysis
Shinohara, I.; Mifune, Y.; Inui, A.; Nishimoto, H.; Yamaura, K.; Mukohara, S.; Yoshikawa, T.; Kato, T.; Furukawa, T.; Hoshino, Y.; Matsushita, T.; Kuroda, R.	Advanced glycation end products are associated with limited range of motion of the shoulder joint in patients with rotator cuff tears associated with diabetes mellitus	2022	Less than 10 patients per group (n=8 in both groups); Histological Study
Shubert, D. J.; Shubert, S. B.	Patient-Reported Outcomes of Shoulder Surgery in a Community Orthopedic Practice: A 5-Year Quality Improvement Project Using the QuickDASH Questionnaire	2020	population differed by intervention method, comparisons irrelevant to PICO sheet
Siebert, M. J.; Chalian, M.; Sharifi, A.; Pezeshk, P.; Xi, Y.; Lawson, P.; Chhabra, A.	Qualitative and quantitative analysis of glenoid bone stock and glenoid version: inter-reader analysis and correlation with rotator cuff tendinopathy and atrophy in patients with shoulder osteoarthritis	2020	irrelevant topic: correlation of glenoid bone stock and tendinopathy; no relevant outcomes
Signorino, J. A.; Thompson, A. G.; Hando, B. R.; Young, J. L.	Identifying Conservative Interventions for Individuals with Subacromial Pain Syndrome Prior to Undergoing a Subacromial Decompression: A Scoping Review	2023	Systematic Review; Bib Review Completed
Silva, C. M. M.; Mourao, N. M.; da Rocha, L. N.; Landim, Jivd; Rocha, H. A. L.; Lacerda, M. A. A.; Rocha, F. A. C.; Leite, J. A. D.	Surgical outcome following rotator cuff tear repair in a low-income population. Impact of obesity and smoking	2021	Both full thickness and partial thickness tears included without stratification for relevant prognostic factors
Silveira, A.; Luk, J.; Tan, M.; Kang, S. H.; Sheps, D. M.; Bouliane, M.; Beaupre, L.	Move It or Lose It? The Effect of Early Active Movement on Clinical Outcomes Following Rotator Cuff Repair: A Systematic Review With Meta-analysis	2021	systematic review
Simcox, T.; Papalia, A. G.; Passano, B.; Anil, U.; Lin, C.; Mitchell, W.; Zuckerman, J. D.; Virk, M. S.	Comparison of trends of inpatient charges among primary and revision shoulder arthroplasty over a decade: a regional database study	2023	Cost Analysis
Simovitch, R. W.; Hernandez, T.; YaDeau, J. T.; Grant, M. C.; Pociask, C.; Ouanes, J. P.	Liposomal Bupivacaine Plus Bupivacaine Versus Ropivacaine Plus Dexamethasone Brachial Plexus Blockade for Arthroscopic Rotator Cuff Repair: An Unblinded Randomized Controlled Trial	2022	irrelevant comparison: liposomal bupivacaine + bupivacaine vs. ropivacaine + dexamethasone
Simovitch, R.; Flurin, P. H.; Wright, T. W.; Zuckerman, J. D.; Roche, C.	Impact of scapular notching on reverse total shoulder arthroplasty midterm outcomes: 5-year minimum follow-up	2019	irrelevant comparison; notching vs. no notching in RTSA

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Simovitch, R.; Flurin, P. H.; Wright, T.; Zuckerman, J. D.; Roche, C. P.	Quantifying success after total shoulder arthroplasty: the minimal clinically important difference	2018	Mixed Population w/o Stratification: osteoarthritis, rheumatoid arthritis, rotator cuff tear arthropathy or a combination of osteoarthritis and rotator cuff insufficiency
Simpson, M.; Pizzari, T.; Cook, T.; Wildman, S.; Lewis, J.	Effectiveness of non-surgical interventions for rotator cuff calcific tendinopathy: A systematic review	2020	systematic review
Singh Jagdev, B.; McGrath, J.; Cole, A.; Gomaa, A. R.; Chong, H. H.; Singh, H. P.	Total shoulder arthroplasty vs. hemiarthroplasty in patients with primary glenohumeral arthritis with intact rotator cuff: meta-analysis using the ratio of means	2022	systematic review
Singh, A. M.; Kirsch, J. M.; Patel, M. S.; Gutman, M.; Harper, T.; Lazarus, M.; Horneff, J. G.; Namdari, S.; Voskerdjian, A.; Abboud, J. A.	Effect of perioperative acetaminophen on pain management in patients undergoing rotator cuff repair: a prospective randomized study	2021	irrelevant comparison: oxycodone + acetaminophen vs. oxycodone vs. acetaminophen and occasional oxycodone if needed
Singh, C.; Lam, P. H.; Murrell, G. A. C.	Effect of Acromioplasty on Postoperative Pain Following Rotator Cuff Repair	2021	Not a randomized controlled trial; PICO 2 is RCT only update
Singh, G.; Mann, H.; Razmjou, H.	Outcomes of expedited rotator cuff surgery in injured workers: Impact of pathology on readiness for return to work	2018	Not a randomized controlled trial; PICO 2 is RCT only update
Singh, H.; Isak, I.; Cregar, W. M.; Higgins, J. D.; Vadhera, A. S.; Perry, A. K.; Nicholson, G. P.; Cole, B. J.; Verma, N. N.	Retrospective Analysis of Patients Undergoing Arthroscopic Rotator Cuff Repair at a Single Institution Yields a 0.11% Postoperative Infection Rate	2021	no comparison group
Singh, H.; Thind, A.; Mohamed, N. S.	Subacromial Impingement Syndrome: A Systematic Review of Existing Treatment Modalities to Newer Proprioceptive-Based Strategies	2022	systematic review, bib review complete
Singh, P.; Kaur, A.; Bhagat, S.; Singh, G. B.; Gupta, N.	Role of ultrasound and MRI in patients with shoulder pathologies: A correlation study	2021	Low Quality upon Appraisal - Keeping only Moderates and Highs for PICO 3
Singla, V.; Chan, P. H.; Pearl, M. L.	Failed rotator cuff surgery that resulted in reverse total shoulder arthroplasty within 5 years or less: a descriptive analysis of 42 shoulders from a US integrated healthcare system	2023	Mixed Population w/o Stratification: partial and full thickness tears
Sirasaporn, P.; Saengsuwan, J.; Vichiansiri, R.	Ultrasonographic findings of shoulders in individuals with spinal cord injury	2021	irrelevant topic: US findings for spinal cord injury
Sivasundaram, L.; Mengers, S.; Trivedi, N. N.; Strony, J.; Salata, M. J.; Voos, J. E.; Victoroff, B. N.; Karns, M. R.; Gillespie, R. J.	Oral Ketorolac as an Adjuvant Agent for Postoperative Pain Control After Arthroscopic Rotator Cuff Repair: A Prospective, Randomized, Controlled Study	2021	Ketorolac versus control

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Skazalski, C.; Bahr, R.; Whiteley, R.	Shoulder complaints more likely in volleyball players with a thickened bursa or supraspinatus tendon neovessels	2021	Irrelevant Topic: risk factors without surgery, no RCT
Skoff, H.	Follow-up on a Biological Revision Technique for Large, Recurrent, Retracted, Rotator Cuff Tears	2022	irrelevant population: large tears; no comparison group
Slette, E.; Rohrbach, M.; Ring, D.	Persistent Shoulder Pain After Vaccine Administration Is Associated with Common Incidental Pathology: A Systematic Review	2022	Systematic Review
Slusarczyk, S.; Van Boxtel, M.; Ehioghae, M.; Hodge, R.; Szakiel, P.; Andryk, L.; Hanley, J.; Graf, A.; Grindel, S.	The Impact of Social Deprivation on Rotator Cuff Repair Outcomes	2024	Tear type was unspecified
Smartt, A. A.; Wilbur, R. R.; Song, B. M.; Krych, A. J.; Okoroha, K.; Barlow, J. D.; Camp, C. L.	Patients Aged >50 Years With Anterior Shoulder Instability Have a Decreased Risk of Recurrent Dislocation After Operative Treatment Compared With Non-Operative Treatment	2023	Irrelevant population: not all patients had tears (see extended notes)
Smith, C. D.; Johnson, B.; Smith, C.; Shukla, D.; Petrie, R.; Kassam, H.; Debottis, D.	Early to short-term radiographic follow-up of metal-augmented baseplates in reverse shoulder arthroplasty for treatment of glenoid deformity in glenohumeral arthritis and rotator cuff arthropathy	2024	Mixed Population w/o Stratification: cuff tear arthropathy or glenohumeral arthritis
Smith, G. C. S.	A prospective observational case control study investigating the coronal plane scapular morphological differences in full-thickness posterosuperior cuff tears and primary glenohumeral osteoarthritis	2022	irrelevant topic: comparison of coronal plane scapular anatomy
Smith, G. C. S.; Liu, V.	High Critical Shoulder Angle Values Are Associated With Full-Thickness Posterosuperior Cuff Tears and Low Values With Primary Glenohumeral Osteoarthritis	2022	irrelevant topic: comparing CSA angles across injuries
Smith, G. C. S.; Liu, V.; Lam, P. H.	The Critical Shoulder Angle Shows a Reciprocal Change in Magnitude When Evaluating Symptomatic Full-Thickness Rotator Cuff Tears Versus Primary Glenohumeral Osteoarthritis as Compared With Control Subjects: A Systematic Review and Meta-analysis	2020	systematic review
Smith, J. T.; Pill, S. G.; Eggert, K. A.; Brignull, C. G.; Adams, K. J.; Wyland, D. J.; Tolan, S. J.; Thigpen, C. A.; Kissenberth, M. J.	Corticosteroid injection prior to surgery had no effect on 2-year outcomes following arthroscopic rotator cuff repair	2024	irrelevant comparison: pre-op (up to 1 year) injection vs. no pre-op injection
Smith, K. L.; Karimi, A.; Harlow, E. R.; Gillespie, R. J.; Chen, R. E.	Defining Patient Satisfaction after Reverse Total Shoulder Arthroplasty: A Systematic Review	2024	Systematic Review, Bib Review Complete

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Smith, K. M.; Hotaling, J. M.; Presson, A. P.; Zhang, C.; Horns, J. J.; Cannon-Albright, L. A.; Teerlink, C. C.; Tashjian, R. Z.; Chalmers, P. N.	The Effect of Sex Hormone Deficiency on the Incidence of Rotator Cuff Repair: Analysis of a Large Insurance Database	2022	Tear type was unspecified
Smith, K. M.; Presson, A. P.; Zhang, C.; Horns, J. J.; Hotaling, J. M.; Tashjian, R. Z.; Chalmers, P. N.	Does diabetes mellitus predispose to both rotator cuff surgery and subsequent failure?	2021	Tear type was unspecified
Smith, N.; Liew, Z.; Johnson, S.; Ellard, D. R.; Underwood, M.; Kearney, R.	A systematic review of the methods and drugs used for performing suprascapular nerve block injections for the non-surgical management of chronic shoulder pain	2021	Systematic review; bib review complete
Smith, R. D. J.; Wright, C. L.; Shaw, B.; Bhai, S.; Bhashyam, A. R.; O'Donnell, E. A.	Peripheral neuropathies after shoulder arthroscopy: a systematic review	2023	systematic review
Smith, S. S.; Snodgrass, S. J.; Osmotherly, P. G.	Elements of exercise prescription in Randomised controlled trials of musculoskeletal rehabilitation in a one‐on‐one setting. A scoping review	2024	Scoping Review
Smith, T. J.; Gowd, A. K.; Kunkel, J.; Kaplin, L.; Hubbard, J. B.; Coates, K. E.; Graves, B. R.; Waterman, B. R.	Clinical Outcomes of Superior Capsular Reconstruction for Massive, Irreparable Rotator Cuff Tears: A Systematic Review Comparing Acellular Dermal Allograft and Autograft Fascia Lata	2021	systematic review, bib review complete
Smith, T. J.; Gowd, A. K.; Kunkel, J.; Kaplin, L.; Waterman, B. R.	Superior Capsular Reconstruction Provides Sufficient Biomechanical Outcomes for Massive, Irreparable Rotator Cuff Tears: A Systematic Review	2021	systematic review
Smolen, D.; Haffner, N.; Mittermayr, R.; Hess, F.; Sternberg, C.; Leuzinger, J.	Application of a new polyester patch in arthroscopic massive rotator cuff repair-a prospective cohort study	2020	no extractable data
Smythe, A.; Rath, S.; Pavlova, N.; Littlewood, C.; Connell, D.; Haines, T.; Malliaras, P.	Self-reported management among people with rotator cuff related shoulder pain: An observational study	2021	irrelevant topic: self-reported management of RC shoulder pain
Snow, M.; Kuiper, J. H.; Thimmegowda, A.; Ramsingh, V.; Haikal, M.; Amit, P.	Midterm outcome of superior capsular reconstruction using doubled acellular human dermal allograft for irreparable rotator cuff tear	2023	irrelevant comparison by graft thickness
Sobhy, M. H.; Khater, A. H.; Hassan, M. R.; El Shazly, O.	Do functional outcomes and cuff integrity correlate after single- versus double-row rotator cuff repair? A systematic review and meta-analysis study	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Sochacki, K. R.; Jack, R. A.; 2nd; Nauert, R.; Harris, J. D.	Correlation Between Quality of Evidence and Number of Citations in Top 50 Cited Articles in Rotator Cuff Repair Surgery	2018	Systematic Review; All reviewed articles published b4 previous guideline.

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Sochacki, K. R.; McCulloch, P. C.; Lintner, D. M.; Harris, J. D.	Superior Capsular Reconstruction for Massive Rotator Cuff Tear Leads to Significant Improvement in Range of Motion and Clinical Outcomes: A Systematic Review	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Soderlund, M.; Boren, M.; O'Reilly, A.; San Juan, A.; Mahylis, J. M.	Arthroscopic debridement for management of massive, irreparable rotator cuff tears: a systematic review of outcomes	2022	systematic review
Solarino, G.; Bortone, I.; Vicenti, G.; Bizzoca, D.; Coviello, M.; Maccagnano, G.; Moretti, B.; D'Angelo, F.	Role of biomechanical assessment in rotator cuff tear repair: Arthroscopic vs mini-open approach	2021	Mixed population w/o stratification: both partial and full thickness tears included
Sommer, M. C.; Wagner, E.; Zhu, S.; McRae, S.; MacDonald, P. B.; Ogborn, D.; Woodmass, J. M.	Complications of Superior Capsule Reconstruction for the Treatment of Functionally Irreparable Rotator Cuff Tears: A Systematic Review	2021	systematic review
Son, J. H.; Seo, Z. W.; Choi, W.; Lee, Y. Y.; Kang, S. W.; Lee, C. H.	Etiologic Factors of Rotator Cuff Disease in Elderly: Modifiable Factors in Addition to Known Demographic Factors	2022	Irrelevant Topic: Etiologic Factors of Rotator Cuff Disease
Song, A.; Cannon, D.; Kim, P.; Ayers, G. D.; Gao, C.; Giri, A.; Jain, N. B.	Risk factors for degenerative, symptomatic rotator cuff tears: a case-control study	2022	irrelevant comparison group: patients w/o RC tears
Song, A.; DeClercq, J.; Ayers, G. D.; Higgins, L. D.; Kuhn, J. E.; Baumgarten, K. M.; Matzkin, E.; Jain, N. B.	Comparative Time to Improvement in Nonoperative and Operative Treatment of Rotator Cuff Tears	2020	Irrelevant population: partial and full thickness tears included in both groups
Song, H. E.; Oh, K. S.; Yoon, J. P.; Lee, D. R.; Baek, S.; Chung, S. W.	Improvement in scapular dyskinesis after rotator cuff repair and subacromial decompression	2021	irrelevant comparison: scapular dyskinesis vs. no SD
Song, J. G.; Yun, S. J.; Song, Y. W.; Lee, S. H.	High performance of critical shoulder angle for diagnosing rotator cuff tears on radiographs	2019	Systematic Review; Bib Review Completed
Sonmezer, E.; Yosmaoglu, H. B.; Dogan, C. D.	The reliability and validity of the Turkish version of the oxford shoulder instability score	2020	irrelevant topic: adaptation and validity of OSIS in Turkish
Sonnier, J. H.; Looney, A. M.; Johnson, E. E.; Fuller, Z.; Tjoumakaris, F. P.; Freedman, K. B.	Analyzing Resilience in the Orthopedic Sports Medicine Patient Population	2023	Tear type was unspecified; no follow-up time
Sorensen, L.; van Dongen, J. M.; van Tulder, M.; Oestergaard, L. G.	Prognostic factors for high societal costs: a register-based study on 561,665 patients with shoulder disorders	2023	No relevant outcomes for PICO 8.
Sorensen, L.; van Tulder, M.; Johannsen, H. V.; Ovesen, J.; Enemark, U.; Blaehr, E. E.; Oestergaard, L. G.	Costs of shoulder disorders in Denmark: a nationwide cost-of-illness study investigating 617,334 patients and matched controls	2022	cost analysis
Southam, B. R.; Crawford, Z.; Grawe, B. M.	Patient Perceptions of Surgeon Reimbursement for Rotator Cuff Repair	2018	cost analysis

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Souza, V. S.; Ribeiro, H. D. W.; Machado, J. C.; Medeiros, L. F.; Castro, M. S.; Souza, A.	Nociceptive Profile and Analgesic use of Patients Submitted to Rotator Cuff Repair Surgery: A Prospective Cohort	2022	Irrelevant comparison: large vs. small tears; unclear follow-up time
Spanou, A.; Mamais, I.; Lamnissos, D.; Stasinopoulos, D.	Reliability and validity of the Greek shoulder pain and disability index in patients with shoulder pain	2020	irrelevant topic: validation of Greek SPADI
Spapens, N.; Van Tongel, A.; Van Montfoort, D.; De Wilde, L.	Latissimus dorsi transfer using bone block technique to restore active external rotation in reversed total shoulder arthroplasty	2020	Less than 10 patients per group on analysis (n=21, n=8)
Spiry, C.; Berhouet, J.; Agout, C.; Bacle, G.; Favard, L.	Long-term impact of scapular notching after reverse shoulder arthroplasty	2021	no comparison group; mixed population w/o stratification
Sridharan, M.; Samade, R.; J. Kopechek K; Roebke, A. J.; Goyal, K. S.; L. Jones G; Y. Bishop J; Cvetanovich, G. L.	The Effect of Patient and Surgical Factors on Opioid Prescription Requests Following Arthroscopic Rotator Cuff Repair	2021	only 74% full thickness tear in population
Srinivasan, R. C.; Hao, K. A.; Wright, T. W.; Farmer, K. W.; Wright, J. O.; Roach, R. P.; Moser, M. W.; Freidl, M. C.; Pazik, M.; King, J. J.	Outcomes of Biceps Tenotomy Versus Tenodesis During Arthroscopic Rotator Cuff Repair: An Analysis of Patients From a Large Multicenter Database	2022	Tear type was unspecified
Stace, E. T.; Nagra, N. S.; Tiberwel, S.; Khan, W.; Carr, A. J.	The Use of Electrospun Scaffolds in Musculoskeletal Tissue Engineering: A Focus on Tendon and the Rotator Cuff	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Stadecker, M.; Ahmed, A. F.; Agarwal, A. R.; Sharma, S.; Jami, M.; Nayar, S. K.; Srikumaran, U.; Best, M. J.	Increasing utilization of reverse total shoulder arthroplasty in elderly patients over age 65	2023	irrelevant population: glenohumeral OA
Stahnke, K.; Morawietz, L.; Moroder, P.; Scheibel, M.	Synovitis as a concomitant disease in shoulder pathologies	2019	irrelevant topic: histological analysis of biopsies
Stamiris, D.; Stamiris, S.; Papavasiliou, K.; Potoupnis, M.; Tsiridis, E.; Sarris, I.	Critical shoulder angle is intrinsically associated with the development of degenerative shoulder diseases: A systematic review	2020	systematic review
Stathopoulos, N.; Dimitriadis, Z.; Koumantakis, G. A.	Effectiveness of Mulligan's Mobilization With Movement Techniques on Range of Motion in Peripheral Joint Pathologies: A Systematic Review With Meta-analysis Between 2008 and 2018	2019	systematic review
Steffenssen, M. C. W.; Kristiansen, A. H.; Damsgaard, T. E.	A Systematic Review and Meta-analysis of Functional Shoulder Impairment After Latissimus Dorsi Breast Reconstruction	2019	Systematic Review
Steinhaus, M. E.; Gowd, A. K.; Hurwit, D. J.; Lieber, A. C.; Liu, J. N.	Return to work after shoulder arthroplasty: a systematic review and meta-analysis	2019	Systematic Review; All reviewed articles published b4 previous guideline.

Authors	Article Title	Year	Reason for Exclusion
Steinmetz, R. G.; Guth, J. J.; Matava, M. J.; Brophy, R. H.; Smith, M. V.	Return to play following nonsurgical management of superior labrum anterior-posterior tears: a systematic review	2022	systematic review
Stenson, J. F.; Mills, Z. D.; Dasari, S. P.; Whitson, A. J.; Hsu, J. E.; Matsen, F. A., 3rd	Managing rotator cuff tear arthropathy: A role for cuff tear arthropathy hemiarthroplasty as well as reverse total shoulder arthroplasty	2023	Very Low Quality on Quality Appraisal
Stenson, J.; Sanders, B.; Lazarus, M.; Austin, L.	Arthroscopic Transosseous Rotator Cuff Repair	2023	Systematic Review; Bib Review Completed
Stewart, B. P.; Hawthorne, B. C.; Dorsey, C. G.; Wellington, I. J.; Cote, M.; Mazzocca, A.	Reverse Shoulder Arthroplasty Patients Younger Than 60 Years Old Exhibit Lower Clinically Significant Single Assessment Numeric Evaluation (SANE) Scores Compared to Older Patients	2023	all surgical indications included w/o stratification
Stewart, R. K.; Kaplin, L.; Parada, S. A.; Graves, B. R.; Verma, N. N.; Waterman, B. R.	Outcomes of Subacromial Balloon Spacer Implantation for Massive and Irreparable Rotator Cuff Tears: A Systematic Review	2019	systematic review
Stillson, Q. A.; Sun, J. Q.; Maninang, M.; Maassen, N. H.; Strelzow, J. A.; Shi, L. L.	Effect of Physical Therapy and Rehabilitation Timing on Rotator Cuff Repair Revisions and Capsulitis	2022	Not a randomized controlled trial; PICO 4 is RCT only update
Stirma, G. A.; Belangero, P. S.; Andreoli, C. V.; de Castro Pochini, A.; Abdala, N.; Yamada, A. F.; Ejnisman, B.	Can three-dimensional models enhance understanding and knowledge of rotator cuff tears?	2024	no relevant outcomes
Stojanov, T.; Aghlmandi, S.; Muller, A. M.; Scheibel, M.; Flury, M.; Audige, L.	Development and internal validation of a model predicting patient-reported shoulder function after arthroscopic rotator cuff repair in a Swiss setting	2023	Mixed Population w/o Stratification: partial and full thickness tears
Stojanov, T.; Audige, L.; Modler, L.; Aghlmandi, S.; Appenzeller-Herzog, C.; Loucas, R.; Loucas, M.; Muller, A. M.	Prognostic factors for improvement of shoulder function after arthroscopic rotator cuff repair: a systematic review	2023	systematic review
Stojanov, T.; Modler, L.; Muller, A. M.; Aghlmandi, S.; Appenzeller-Herzog, C.; Loucas, R.; Loucas, M.; Audige, L.	Prognostic factors for the occurrence of post-operative shoulder stiffness after arthroscopic rotator cuff repair: a systematic review	2022	systematic review, bib review complete
Stokey, P. J.; Kaur, S.; Lee, A.; Behrens, K.; Ebraheim, N.	Anatomy and Deficiency of the Deltoid Muscle: A Review of Literature	2024	Systematic Review of Irrelevant Topic
Stoll, L. E.; Coddling, J. L.	Lower Trapezius Tendon Transfer for Massive Irreparable Rotator Cuff Tears	2019	Narrative Review

Authors	Article Title	Year	Reason for Exclusion
Stone, A. V.; Agarwalla, A.; Gowd, A. K.; Jacobs, C. A.; Macalena, J. A.; Lesniak, B. P.; Verma, N. N.; Romeo, A. A.; Forsythe, B.	Oral Contraceptive Pills Are Not a Risk Factor for Deep Vein Thrombosis or Pulmonary Embolism After Arthroscopic Shoulder Surgery	2019	Mixed Population w/o Stratification
Stone, M. A.; Ho, J. C.; Kane, L.; Lazarus, M.; Namdari, S.	Midterm outcomes of arthroscopic rotator cuff repair in patients aged 75 years and older	2020	no extractable data
Storti, T. M.; Pontes Junior, A. C.; Simionatto, J. E.; Simionatto, C.; Faria, R. S. S.; Paniago, A. F.	Arthroscopic Treatment of Rotator Cuff Rupture in Patients Under 55 years Old versus Patients Older than 65 Years Old	2022	Both full thickness and partial thickness tears included without stratification for relevant prognostic factors
Storti, T. M.; Ribeiro, T. D. S.; Faria, R. S. S.; Simionatto, J. E.; Simionatto, C.; Paniago, A. F.	Reverse Shoulder Arthroplasty: Evaluation of the Clinical and Functional Outcomes per Etiology	2022	RC arthropathy 39%
Storti, T. M.; Ribeiro, T. D. S.; Faria, R. S. S.; Simionatto, J. E.; Simionatto, C.; Paniago, A. F.	Arthroscopic Repair of Rotator Cuff Injury: An Analysis of Function, Muscular Strength and Pain Between Single Row and Double Row Techniques	2022	Mixed Population w/o Stratification (Partial and full thickness tears)
Stoychev, V.; Finestone, A. S.; Kalichman, L.	Dry Needling as a Treatment Modality for Tendinopathy: a Narrative Review	2020	Systematic Review
Strakowski, J. A.; Visco, C. J.	Diagnostic and therapeutic musculoskeletal ultrasound applications of the shoulder	2019	systematic review
Strauss, E. J.; Salata, M. J.; Kercher, J.; Barker, J. U.; McGill, K.; Bach Jr, B. R.; Romeo, A. A.; Verma, N. N.	The arthroscopic management of partial-thickness rotator cuff tears: A systematic review of the literature	2011	Paper published before 2017 guideline last search date; systematic review
Strotman, P.; Perry, M.; LeDuc, R.; Joyce, C.; Garbis, N.	Effect of Insurance Status on Clinical Outcomes After Shoulder Arthroplasty	2020	Irrelevant Population (see extended note)
Struyf, F.; Mertens, M. G. C. A. M.; Navarro-Ledesma, S.	Causes of Shoulder Dysfunction in Diabetic Patients: A Review of Literature	2022	systematic review
Struzik, S.; Czarkowska-Paczek, B.; Wyczalkowska-Tomasik, A.; Malyk, P.; Paczek, L.	Selected Clinical Features Fail to Predict Inflammatory Gene Expressions for TNF-alpha, TNFR1, NSMAF, Casp3 and IL-8 in Tendons of Patients with Rotator Cuff Tendinopathy	2021	Tissue samples studied
Stubbs, C.; Mc Auliffe, S.; Mallows, A.; Oâ€™sullivan, K.; Haines, T.; Malliaras, P.	The strength of association between psychological factors and clinical outcome in tendinopathy: A systematic review	2020	Systematic review
Su, F.; Nuthalapati, P.; Feeley, B. T.; Lansdown, D. A.	Outcomes of anatomic and reverse total shoulder arthroplasty in patients over the age of 70: a systematic review	2023	systematic review

Authors	Article Title	Year	Reason for Exclusion
Su, P.; Liu, Y.; Zhang, L.; Bai, L. B.	Comparison of Analgesia Treatment Methods After Arthroscopic Rotator Cuff Repair: A Network Meta-analysis of 42 Randomized Controlled Trials	2023	systematic review
Su, P.; Pang, L.; Li, S.; Sun, W.; Zhao, Y.; Fu, W.; Li, J.; Tang, X.	Evaluation of Analgesic Efficacy and Opioid-sparing Effect of Duloxetine After Arthroscopic Rotator Cuff Repair: A Randomized Clinical Trial	2022	irrelevant comparison: duloxetine vs. placebo
Subbiah, K.; Rajappa, S.; Subhashini, A. S.; Ganeshan, S.	Functional Ability and Quality of Life Status following Manual Therapy and Specific Exercise Conditioning in Subacromial Impingement Syndrome: A Randomised Controlled Study	2023	Non-surgical population and not relevant to PICO 3 or 6
Suh, Y. S.; Kim, H. O.; Cheon, Y. H.; Kim, M.; Kim, R. B.; Park, K. S.; Park, H. B.; Na, J. B.; Moon, J. I.; Lee, S. I.	Metabolic and inflammatory links to rotator cuff tear in hand osteoarthritis: A cross sectional study	2020	Non-surgical population and not relevant to PICO 3 or 6
Sumanont, S.; Boonard, M.; Peradhammanon, E.; Arirachakaran, A.; Suwankomkul, P.; Oungbumrungpan, W.; Kongtharvonskul, J.	Comparative outcomes of combined corticosteroid with low volume compared to high volume of local anesthetic in subacromial injection for impingement syndrome: systematic review and meta-analysis of RCTs	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Sun, J.; Zhu, Y.; Liu, L.; Liu, S.; Chen, W.; Yang, Y.; Zhang, Y.	The incidence of and risk factors for deep infection after primary shoulder arthroplasty: An updated systematic review and meta-analysis	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Sun, Y.; Lin, J.; Luo, Z.; Chen, J.	Preoperative Lymphocyte to Monocyte Ratio Can Be a Prognostic Factor in Arthroscopic Repair of Small to Large Rotator Cuff Tears	2020	irrelevant risk factor: preoperative lymphocyte to monocyte ratio
Sun, Y.; Liu, S.; Chen, S.; Chen, J.	The Effect of Corticosteroid Injection Into Rotator Interval for Early Frozen Shoulder: a Randomized Controlled Trial	2018	irrelevant comparison; injection site- same injection material
Sun, Y.; Xiao, D.; Fu, W.; Cai, W.; Huang, X.; Li, Q.; Li, J.	Efficacy and Safety of Tranexamic Acid in Shoulder Arthroscopic Surgery: A Systematic Review and Meta-Analysis	2022	systematic review, bib review complete
Sun, Z.; Fu, W.; Tang, X.; Chen, G.; Li, J.	Systematic review and Meta-analysis on acromioplasty in arthroscopic repair of full-thickness rotator cuff tears	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Sun, Z.; Wang, B.; Niu, Z.; Shan, S.	Dexmedetomidine improves continuous interscalene brachial plexus block in patients after arthroscopic rotator cuff repair	2018	irrelevant comparison: ropivacaine and dexmedetomidine vs. ropivacaine alone
Sun, ZJ; Wang, BQ; Niu, ZQ; Shan, SQ	Dexmedetomidine improves continuous interscalene brachial plexus block in patients after arthroscopic rotator cuff repair	2018	Irrelevant comparison: Dexmedetomidine + ropivacaine (group D) vs. ropivacaine (group R)
Sunwoo, J. Y.; Lam, P. H.; Murrell, G. A. C.	A Comparison of Two Arthroscopic Techniques for Interpositional Polytetrafluoroethylene Patch Repair for Massive Irreparable Rotator Cuff Tears: Speed and Biomechanics	2018	Ovine models

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Sunwoo, J. Y.; Murrell, G. A. C.	Interposition Graft Repair of Irreparable Rotator Cuff Tears: A Review of Biomechanics and Clinical Outcomes	2020	Narrative Review
Surace, S. J.; Deitch, J.; Johnston, R. V.; Buchbinder, R.	Shock wave therapy for rotator cuff disease with or without calcification	2020	systematic review, bib review complete
Suresh Kumar, M.	Ultrasonographic Analysis of Painful Shoulders and Correlation of Rotator Cuff Pathologies with Clinical Findings	2023	Low Quality upon Appraisal - Keeping only Moderates and Highs for PICO 3
Suri, M.; Verma, A.; Lim, S. M.; Kim, J.; Parker, G.; Baum, P.; Nester, J.	Short-Term Outcomes of Expedited Arthroscopic Tensionable Knotless Biologic Tuberoplasty for Massive Irreparable Rotator Cuff Tears	2023	Small Sample Size: 11 total patients
Suroto, H.; Anindita Satmoko, B.; Prajasari, T.; De Vega, B.; Wardhana, T. H.; Samijo, S. K.	Biodegradable vs nonbiodegradable suture anchors for rotator cuff repair: a systematic review and meta-analysis	2023	Systematic Review; Bib Review Completed
Suroto, H.; Vega, B. D.; Deapsari, F.; Prajasari, T.; Wibowo, P. A.; Samijo, S. K.	Reverse total shoulder arthroplasty (RTSA) versus open reduction and internal fixation (ORIF) for displaced three-part or four-part proximal humeral fractures: a systematic review and meta-analysis	2021	Systematic review
Surucu, S.; Aydin, M.; Capkin, S.; Karahasanoglu, R.; Yalcin, M.; Atlihan, D.	Evaluation of bilateral acromiohumeral distance on magnetic resonance imaging and radiography in patients with unilateral rotator cuff tears	2022	irrelevant topic: AHD of the shoulder; no relevant outcomes
Sussman, W. I.; Mautner, K.; Malanga, G.	The role of rehabilitation after regenerative and orthobiologic procedures for the treatment of tendinopathy: A systematic review	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Suzuki, Y.; Maeda, N.; Sasadai, J.; Kaneda, K.; Shirakawa, T.; Urabe, Y.	Ultrasonographic Evaluation of the Shoulders and Its Associations with Shoulder Pain, Age, and Swim Training in Masters Swimmers	2020	included 20 healthy controls in the analysis
Swansen, T.; Wright, M. A.; Murthi, A. M.	Postoperative Rehabilitation Following Rotator Cuff Repair	2023	Narrative Review
Swindell, H. W.; Kang, H. P.; Mueller, J. D.; Heffernan, J. T.; Saltzman, B. M.; Ahmad, C. S.; Levine, W. N.; Weber, A. E.; Trofa, D. P.	Rotator Cuff Repair With Acromioplasty Is Associated With an Increased Rate of Revision and Subsequent Procedures	2022	not a randomized controlled trial; PICO 2 is RCT only update; tear type was unspecified
Swinton, P. A.; Shim, J. S. C.; Pavlova, A. V.; Moss, R.; Maclean, C.; Brandie, D.; Mitchell, L.; Greig, L.; Parkinson, E.; Tzortziou Brown, V.; Morrissey, D.; Alexander, L.; Cooper, K.	What are small, medium and large effect sizes for exercise treatments of tendinopathy? A systematic review and meta-analysis	2023	systematic review, bib review complete

Authors	Article Title	Year	Reason for Exclusion
Syed, U. A. M.; Aleem, A. W.; Wowkanech, C.; Weekes, D.; Freedman, M.; Tjoumakaris, F.; Abboud, J. A.; Austin, L. S.	Neer Award 2018: the effect of preoperative education on opioid consumption in patients undergoing arthroscopic rotator cuff repair: a prospective, randomized clinical trial	2018	Preoperative patient-targeted education on opioid use vs. no education
Syed, U. A. M.; Aleem, A. W.; Wowkanech, C.; Weekes, D.; Freedman, M.; Tjoumakaris, F.; Abboud, J. A.; Austin, L. S.	Neer Award 2018: the effect of preoperative education on opioid consumption in patients undergoing arthroscopic rotator cuff repair: a prospective, randomized clinical trial	2018	duplicate of AAOS ID 1307
Tabeayo, E.; Chan, P. H.; Prentice, H. A.; Dillon, M. T.; Otarodi, K.; Singh, A.	The association between critical shoulder angle and revision following anatomic total shoulder arthroplasty: a matched case-control study	2022	irrelevant population: primary OA, revision for aseptic glenoid failure or RC tear
Tack, P.; Vanhaverbeke, S.; De Wilde, L.; Van Tongel, A.	Hyaluronic acid as an alternative treatment option for degenerative rotator cuff tears	2022	no comparison group
Taghizadeh, E.; Truffer, O.; Becce, F.; Eminian, S.; Gidoin, S.; Terrier, A.; Farron, A.; Buchler, P.	Deep learning for the rapid automatic quantification and characterization of rotator cuff muscle degeneration from shoulder CT datasets	2021	Irrelevant population: patients with glenohumeral OA
Takada, M.; Fukusaki, M.; Terao, Y.; Yamashita, K.; Takada, M.; Ando, Y.; Sumikawa, K.	Postoperative analgesic effect of preoperative intravenous flurbiprofen in arthroscopic rotator cuff repair	2009	Irrelevant Comparison: lipid emulsion vs. flurbiprofen
Takagishi, K.; Shitara, H.; Kobayashi, T.; Tajika, T.; Ichinose, T.; Shimoyama, D.; Sasaki, T.; Hamano, N.; Osawa, T.; Kamiyama, M.; Miyamoto, R.; Yamamoto, A.; Chikuda, H.	Risk factors for shoulder osteoarthritis with rotator cuff tear in the elderly general population	2022	non-surgical population and not relevant to PICO 3 or 6
Takahashi, K.; Shitara, H.; Ichinose, T.; Sasaki, T.; Hamano, N.; Hasegawa, M.; Yamaji, T.; Tazawa, M.; Chikuda, H.; Wada, N.	Delayed detection of passive motion in shoulders with a rotator cuff tear	2022	irrelevant topic: detection of passive motion
Takahashi, R.; Kajita, Y.; Harada, Y.; Iwahori, Y.	Preemptive middle glenohumeral ligament release in arthroscopic rotator cuff repair does not reduce the postoperative stiffness: a retrospective comparative study	2023	Not a randomized controlled trial; PICO 2 is RCT only update
Takahashi, R.; Kajita, Y.; Harada, Y.; Iwahori, Y.; Deie, M.	Post-operative pain control following arthroscopic rotator cuff repair: Intravenous acetaminophen versus interscalene brachial plexus block; A prospective randomized study	2021	Irrelevant Comparison: IV Acetaminophen vs. Interscalene Brachial Plexus Block
Takahashi, R.; Kajita, Y.; Harada, Y.; Iwahori, Y.; Deie, M.	Factors affecting the outcome of septic arthritis of the shoulder joint with arthroscopic management	2021	irrelevant population: septic arthritis

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Takahashi, R.; Kajita, Y.; Iwahori, Y.; Harada, Y.	Tranexamic acid administration for arthroscopic rotator cuff repair: A prospective, double-blind, randomized controlled trial	2023	irrelevant comparison: tranexamic acid vs. control
Takahashi, R.; Kajita, Y.; Iwahori, Y.; Harada, Y.	Tranexamic acid has no effect on postoperative pain control after arthroscopic rotator cuff repair: A prospective, double-blind, randomized controlled trial	2023	irrelevant comparison: tranexamic acid vs. saline
Takahashi, R.; Kajita, Y.; Iwahori, Y.; Harada, Y.	The relationship between clinical outcomes of arthroscopic rotator cuff repair and hemoglobin A1c	2022	Irrelevant risk factor: Hba1c leveles
Takayama, K.; Ito, H.	Clinical outcomes and temporal changes in the range of motion following reverse total shoulder arthroplasty	2022	No Relevant Risk Factors: sex, arthritic changes in the glenohumeral join, and treatment of subscapularis tear
Takayama, K.; Ito, H.	Both angled bony-increased offset and metal-augmented baseplates provide satisfactory bone incorporation to the glenoid in reverse total shoulder arthroplasty: a radiographic evaluation using tomosynthesis	2024	mixed population: arthropathy (n=59) and no arthropathy (n=35).
Takayama, K.; Shiode, H.; Ito, H.	Acromial and humeral head osteolysis following superior capsular reconstruction using autologous tensor fascia lata graft	2022	No comparison group
Takayama, K.; Yamada, S.; Kobori, Y.	Clinical outcomes and temporal changes in the range of motion following superior capsular reconstruction for irreparable rotator cuff tears: comparison based on the Hamada classification, presence or absence of shoulder pseudoparalysis, and status of the subscapularis tendon	2021	irrelevant comparisons by hamada classification, pseudoparalysis and SSC state
Takayama, K.; Yamada, S.; Kobori, Y.; Shiode, H.	Modified load sharing rip-stop technique in patients with traumatic transtendinous rotator cuff tear: Surgical technique and clinical outcomes	2021	Small Sample Size: 8 total patients
Takayama, K.; Yamada, S.; Kobori, Y.; Shiode, H.	Association Between the Postoperative Condition of the Subscapularis Tendon and Clinical Outcomes After Superior Capsular Reconstruction Using Autologous Tensor Fascia Lata in Patients With Pseudoparalytic Shoulder	2020	irrelevant comparison by tear types
Takeda, Y.; Fujii, K.; Suzue, N.; Miyatake, K.; Kawasaki, Y.; Yokoyama, K.	Repair Tension During Arthroscopic Rotator Cuff Repair is Correlated With Preoperative Tendon Retraction and Postoperative Rotator Cuff Integrity	2021	irrelevant topic: risk factors of intraoperative repair tension
Takeno, K.; Glaviano, N. R.; Norte, G. E.; Ingersoll, C. D.	Therapeutic Interventions for Scapular Kinematics and Disability in Patients With Subacromial Impingement: A Systematic Review	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Takeshima, M.; Morihara, T.; Furukawa, R.; Ito, H.; Kida, Y.; Sukenari, T.; Takahashi, K.	Efficacy of biceps-radial-slice magnetic resonance images for the diagnosis of biceps and pulley lesions	2023	irrelevant topic: diagnosis of LHBT and pulley lesions

Authors	Article Title	Year	Reason for Exclusion
Tan, B.; Jia, L.	Ultrasound-Guided BoNT-A (Botulinum Toxin A) Injection Into the Subscapularis for Hemiplegic Shoulder Pain: A Randomized, Double-Blind, Placebo-Controlled Trial	2021	irrelevant comparison: botulinum toxin a vs. placebo
Tan, Z.; Hendy, B. A.; Zmistowski, B.; Camp, R. S.; Getz, C. L.; Abboud, J. A.; Namdari, S.	Glenohumeral synovitis score predicts early shoulder stiffness following arthroscopic rotator cuff repair	2020	No comparison group; no relevant risk factors; inadequate follow-up time
Tanaka, M.; Hanai, H.; Kotani, Y.; Kuratani, K.; Koizumi, K.; Hayashida, K.	Triple-Row Technique Confers a Lower Retear Rate Than Standard Suture Bridge Technique in Arthroscopic Rotator Cuff Repairs	2021	Irrelevant Comparison: Triple Row vs. Suture Bridge
Tang, C. T.; Decker, G.; Steger-May, K.; Middleton, W.; Teefey, S.	Method Comparison for Detection and Measurement of Rotator Cuff Tears: Office-based Bedside Ultrasonography by a Single Physiatrist versus Imaging Center-based Ultrasonography by Two Expert Musculoskeletal Radiologists	2020	Low Quality upon Appraisal - Keeping only Moderates and Highs for PICO 3
Tang, H.; Luo, F.; Fan, H.; Huang, L.; Liao, S.; Yu, W.; Chen, Y.; Qin, X.; Chen, J.	Acupuncture and manual therapy for rotator cuff tears: A protocol for systematic review and meta analysis	2020	Study Protocol, no results
Tang, N.; Zhang, W.; George, D. M.; Wei, C.; Su, Y.; Huang, T.	The Top 100 Most-Cited Articles on Arthroscopy: Most Popular Topic Is Rotator Cuff Rather Than Cartilage in the Last 5 Years	2021	systematic review
Tang, R.; Li, Z.; Jiang, L.; Jiang, J.; Zhao, B.; Cui, L.; Zhou, G.; Chen, X.; Jiang, D.	Development and Clinical Application of Artificial Intelligence Assistant System for Rotator Cuff Ultrasound Scanning	2024	irrelevant topic: diagnosis w/ AI
Tangrood, Z. J.; Gisselman, A. S.; Sole, G.; Ribeiro, D. C.	Clinical course of pain and disability in patients with subacromial shoulder pain: a systematic review protocol	2018	Study Protocol, no results
Tangtiphaiboonatana, J.; Figoni, A. M.; Luke, A.; Zhang, A. L.; Feeley, B. T.; Ma, C. B.	The effects of nonsteroidal anti-inflammatory medications after rotator cuff surgery: a randomized, double-blind, placebo-controlled trial	2021	irrelevant comparison: postop ibuprofen vs. placebo
Tantanatip, A.; Patisumpitawong, W.; Lee, S.	Comparison of the Effects of Physiologic Saline Interfascial and Lidocaine Trigger Point Injections in Treatment of Myofascial Pain Syndrome: a Double-Blind Randomized Controlled Trial	2021	irrelevant patient population; patients diagnosed with myofascial pain syndrome
Tantone, R. P.; Al-Humadi, S.; VanHelmond, T.; Kim, M.; Komatsu, D. E.; Wang, E. D.	Outcomes of reverse shoulder arthroplasty in patients with previous rotator cuff repair: a systematic review and meta-analysis	2023	Systematic Review; Bib Review Completed
Tarallo, N.; Morgano, M. C.; Curti, M.; Spano, E.; Castagna, A.; Genovese, E. A.	Intra-articular long head of the biceps tendon: magnetic resonance-arthrography classification and review of literature	2021	systematic review

Authors	Article Title	Year	Reason for Exclusion
Tashiro, E.; Takeuchi, N.; Kozono, N.; Nabeshima, A.; Teshima, E.; Nakashima, Y.	Risk of penetration of the baseplate peg in reverse total shoulder arthroplasty for an Asian population	2022	irrelevant topic: baseplate peg penetration risk in RTSA; no relevant comparison group
Tashjian, R. Z.; Belisle, J.; Baran, S.; Granger, E. K.; Nelson, R. E.; Burks, R. T.; Greis, P. E.	Factors influencing direct clinical costs of outpatient arthroscopic rotator cuff repair surgery	2018	cost analysis
Tashjian, R. Z.; Broschinsky, K.; Chalmers, P. N.	Glenohumeral cerclage for salvage of recalcitrant instability after reverse total shoulder arthroplasty	2018	Case Report, 3 patients
Tashjian, R. Z.; Hillyard, B.; Childress, V.; Kawakami, J.; Presson, A. P.; Zhang, C.; Chalmers, P. N.	Outcomes after a Grammont-style reverse total shoulder arthroplasty?	2021	Not stratified by tear type/indication for surgery
Tat, J.; Tat, J.; Theodoropoulos, J.	Clinical applications of ultrasonography in the shoulder for the Orthopedic Surgeon: A systematic review	2020	Systematic Review; Bib Review Completed
Tate, A.; Sarver, J.; DiPaola, L.; Yim, J.; Paul, R.; Thomas, S. J.	Changes in clinical measures and tissue adaptations in collegiate swimmers across a competitive season	2020	irrelevant population: healthy swimmers
Tauber, M.; Moursy, M.; Forstner, R.; Koller, H.; Resch, H.	Latissimus dorsi tendon transfer for irreparable rotator cuff tears: A modified technique to improve tendon transfer integrity - Surgical technique	2010	Surgical technique - paper published prior to 2017 guideline
Tauberg, B. M.; Su, J. C.; Warth, R. J.; Gregory, J. M.	Use of intraoperative platelet-rich plasma during rotator cuff repair is correlated with increased patient-level charges across multiple categories	2023	cost analysis
Tavares, P. L.; Siqueira, M. G.; Martins, R. S.; Zaccariotto, M.; Foroni, L.; Heise, C. O.; Solla, D.	Restoration of shoulder external rotation by means of the infraspinatus muscle reinnervation with a radial nerve branch transfer	2020	Cadaver study followed by treatment of 11 total patients
Taylor, K. A.; Warren, J. R.; Jildeh, T. R.; Kuhlmann, N.; Pietroski, A. D.; Beydoun, R.; Keinath, C.; Muh, S. J.	The impact of external beam radiation therapy on shoulder surgical outcomes: a case series study	2022	No comparison group
Tazawa, R.; Kenmoku, T.; Uchida, K.; Arendt-Nielsen, L.; Nagura, N.; Nakawaki, M.; Matsumoto, T.; Inoue, G.; Takeuchi, H.; Jimbo, T.; Nakazawa, T.; Fukuda, M.; Takaso, M.	Increased nerve growth factor expression in the synovial tissues of patients with rotator cuff tears	2021	Irrelevant topic: synovial tissue samples studied
Teixeira, P. A. G.; Jaquet, P.; Bakour, O.; Jacquot, A.; Mole, D.; Sirveaux, F.; Blum, A.	CT arthrography of the intra-articular long head of biceps tendon: Diagnostic performance outside the labral-bicipital complex	2019	irrelevant topic: diagnosis of LHB tendon intrinsic lesions

Authors	Article Title	Year	Reason for Exclusion
Ten Hove, F. L.; Bas de Witte, P.; Reijnierse, M.; Navas, A.	Needling and Lavage in Rotator Cuff Calcific Tendinitis: Ultrasound-Guided Technique	2024	Narrative Review
Tenbrunsel, T. N.; Whaley, J. D.; Golchian, D.; Malone, D. L.; Lima, D. J. L.; Sabesan, V. J.	Efficacy of Imaging Modalities Assessing Fatty Infiltration in Rotator Cuff Tears	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Teng, A.; Liu, F.; Zhou, D.; He, T.; Chevalier, Y.; Klar, R. M.	Effectiveness of 3-dimensional shoulder ultrasound in the diagnosis of rotator cuff tears: A meta-analysis	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Tennent, D.; Green, G.	Partial articular supraspinatus tendon avulsion: Should we repair? A systematic review of the evidence	2020	systematic review
Teratani, T.	Effect of cocktail therapy after arthroscopic rotator cuff repair: a randomized, double-blind trial	2020	irrelevant comparison: cocktail therapy vs. ropivacaine
Teratani, T.	Correlation between retear after arthroscopic rotator cuff repair and stiffness of the shoulder	2019	Mixed Population w/o Stratification: full and partial thickness tears
Testa, E. J.; Yang, D.; Steflik, M. J.; Owens, B. D.; Parada, S. A.; Daniels, A. H.; DeFroda, S.	Reverse total shoulder arthroplasty in patients 80 years and older: a national database analysis of complications and mortality	2022	Mixed Population w/o Stratification: glenohumeral arthritis, massive RC tear, RC arthropathy, proximal humerus fracture, rheumatoid arthritis, and avascular necrosis
Testa, G.; Vescio, A.; Perez, S.; Consoli, A.; Costarella, L.; Sessa, G.; Pavone, V.	Extracorporeal Shockwave Therapy Treatment in Upper Limb Diseases: A Systematic Review	2020	systematic review, bib review complete
Teunis, T.; Lubberts, B.; Reilly, B. T.; Ring, D.	A systematic review and pooled analysis of the prevalence of rotator cuff disease with increasing age	2014	Paper published before 2017 guideline last search date; systematic reveiw
Thackeray, E. M.; Swenson, J. D.; Gertsch, M. C.; Phillips, K. M.; Steele, J. W.; Burks, R. T.; Tashjian, R. Z.; Greis, P. E.	Diaphragm function after interscalene brachial plexus block: a double-blind, randomized comparison of 0.25% and 0.125% bupivacaine	2013	Irrelevant comparison: bupivacaine dosage comparison (see extended notes)
Thakor, P. P.; Reddy, C. S. S.	Comparative Analysis of Mini Open versus Arthroscopic Repair of Supraspinatus Tears	2024	Mixed Population w/o Stratification (Partial and full thickness tears)
Thamrongsuksiri, N.; Limskul, D.; Itthipanichpong, T.; Tanpowpong, T.; Kuptniratsaikul, S.	Similar Healing Rates of Arthroscopic Rotator Cuff Repair With and Without Bone Marrow Stimulation: A Systematic Review and Meta-analysis of Randomized Controlled Trials	2024	Systematic Review; Bib Review Completed
Thamrongsuksiri, N.; Limskul, D.; Itthipanichpong, T.; Tanpowpong, T.; Kuptniratsaikul, S.	Similar outcomes between transtendon repair and tear completion repair techniques for partial articular-sided supraspinatus tendon avulsion lesions: a systematic review and meta-analysis	2023	systematic review

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Thamyongkit, S.; Wanitchanont, T.; Chulsomlee, K.; Tuntiyatorn, P.; Vasaruchapong, S.; Vijittrakarnrung, C.; Saengpetch, N.	The University of California-Los Angeles (UCLA) shoulder scale: translation, reliability and validation of a Thai version of UCLA shoulder scale in rotator cuff tear patients	2022	Irrelevant Topic: developing/translating thai version of UCLA Shoulder Score
Thanaboriboon, C.; Vanichvithya, P.; Jinaworn, P.	What Is the Risk of Intraoperative Cerebral Oxygen Desaturation in Patients Undergoing Shoulder Surgery in the Beach Chair Position?	2021	irrelevant topic: intraoperative cerebral oxygen desaturation
Thangarajah, T.; Tsuchiya, S.; Lukenchuk, J.; Lo, I. K.	Arthroscopic superior capsular reconstruction with dermal allograft for primary and recurrent rotator cuff tears	2023	Irrelevant comparison: Retear rate of arthroscopic superior capsular reconstruction (SCR) with dermal allograft following failure of RC repair vs. cohort of primary SCR
Tharwat, S.; Nagy, E.; Mohsen, M.; Nassar, M. K.	Ultrasound Versus Magnetic Resonance Imaging in the Evaluation of Shoulder Pain in End Stage Renal Disease Patients on Chronic Hemodialysis	2022	irrelevant diagnosis: no rotator cuff tears
Themessl, A.; Wagner, T.; Rupp, M. C.; Degenhardt, H.; Woertler, K.; Hatter, K. A.; Imhoff, A. B.; Siebenlist, S.; Pogorzelski, J.	"Functional outcomes and MRI-based tendon healing after (antero-) superior rotator cuff repair among patients under 50 years: retrospective analysis of traumatic versus non-traumatic rotator cuff tears"	2023	Irrelevant Comparison: Traumatic Tears vs. Atraumatic Tears
Theosmy, E. G.; Bradian, A. K.; Cheesman, Q. T.; Radack, T. M.; Lazarus, M. D.; Austin, L. S.	Opioid-Free Arthroscopic Rotator Cuff Repair	2021	not an RCT; opioid use as an outcome, not an intervention
Thiesemann, S.; Kirchner, F.; Fal, M. F.; Albers, S.; Kircher, J.	Anterolateral Acromioplasty Does Not Change the Critical Shoulder Angle and Acromion Index in a Clinically Relevant Amount	2022	no comparison group
Thigpen, C. A.; Floyd, S. B.; Chapman, C.; Tokish, J. M.; Kissenberth, M. J.; Hawkins, R. J.; Brooks, J. M.	Comparison of Surgeon Performance of Rotator Cuff Repair: Risk Adjustment Toward a More Accurate Performance Measure	2018	irrelevant topic: risk adjustment to assess surgeon quality; inadequate follow up time
Thomas, K.; Kendal, J. K.; Ono, Y.; Lo, I. K. Y.; Bois, A. J.	The Role of Partial Rotator Cuff Repairs in Patients With Massive Irreparable Tears Without Arthritis	2020	systematic review
Thomas, S. J.; Cobb, J.; Sheridan, S.; Rauch, J.; Paul, R. W.	Chronic Adaptations of the Posterior Rotator Cuff in Professional Pitchers	2021	Irrelevant Population: Healthy Baseball Pitchers
Thompson, K.; Kwon, Y.; Flatow, E.; Jazrawi, L.; Strauss, E.; Alaia, M.	Everything pectoralis major: from repair to transfer	2020	Systematic Review
Thon, S. G.; O'Malley, L., 2nd; O'Brien, M. J.; Savoie, F. H., 3rd	Evaluation of Healing Rates and Safety With a Bioinductive Collagen Patch for Large and Massive	2019	comparison by tear size; all patients received same intervention

Authors	Article Title	Year	Reason for Exclusion
	Rotator Cuff Tears: 2-Year Safety and Clinical Outcomes		
Thorpe, A. M.; O'Sullivan, P. B.; Mitchell, T.; Hurworth, M.; Spencer, J.; Booth, G.; Goebel, S.; Khoo, P.; Tay, A.; Smith, A.	Are Psychologic Factors Associated With Shoulder Scores After Rotator Cuff Surgery?	2018	Mixed Population w/o Stratification: partial and full thickness tears
Tiao, J.; Rosenberg, A. M.; Hoang, T.; Zaidat, B.; Wang, K.; Gladstone, J. D.; Anthony, S. G.	Ambulatory Surgery Centers Reduce Patient Out-of-Pocket Expenditures for Isolated Arthroscopic Rotator Cuff Repair, but Patient Out-of-Pocket Expenditures Are Increasing at a Faster Rate Than Total Healthcare Utilization Reimbursement From Payers	2024	Cost Analysis
Tie, T. A.; Hong, C. K.; Chua, I.; Kuan, F. C.; Su, W. R.; Hsu, K. L.	The Chinese version of the American shoulder and elbow surgeons standardized shoulder assessment form questionnaire, patient self-report section: a cross-cultural adaptation and validation study	2021	Irrelevant Topic: developing translated version of ASES
Ting, R. S.; Deng, A.; Rosenthal, R.; Al-Housni, H. S. A.; Zhong, K.; Lam, P. H.; Murrell, G. A. C.	Biomechanical and morphological comparison of two interposition graft rotator cuff repair techniques	2023	small sample size: 12 total patients; biomechanical study
Ting, R. S.; Loh, Y. C.; Rosenthal, R.; Zhong, K.; Al-Housni, H. S. A.; Shenouda, M.; Hackett, L.; Lam, P. H.; Murrell, G. A. C.	Revision Rotator Cuff Repair With Versus Without an Arthroscopically Inserted Onlay Bioinductive Implant in Workers' Compensation Patients	2023	revision surgery patients-reparable tears
Ting, R. S.; Rosenthal, R.; Al-Housni, H. S. A.; Lam, P. H.; Murrell, G. A. C.	Factors influencing clinical outcomes in superior capsular reconstruction: A scoping review	2023	systematic review
Ting, R. S.; Rosenthal, R.; Shin, Y.; Shenouda, M.; Al-Housni, H. S. A.; Lam, P. H.; Murrell, G. A. C.	Predictors of Return to Work Following Primary Arthroscopic Rotator Cuff Repair: An Analysis of 1502 Cases	2023	Mixed Population (partial and full thickness tears)
Tirefort, J.; Schwitzguebel, A. J.; Collin, P.; Nowak, A.; Plomb-Holmes, C.; Ladermann, A.	Postoperative Mobilization After Superior Rotator Cuff Repair: Sling Versus No Sling: A Randomized Prospective Study	2019	inadequate follow-up time for PICO 8 (less than 1 year) - does not report healing
Tischer, T.; Lenz, R.; Breinlinger-O'Reilly, J.; Lutter, C.	Cost Analysis in Shoulder Surgery: A Systematic Review	2020	systematic review
Tognetti, L.; Pianigiani, E.; Ierardi, F.; Lorenzini, G.; Casella, D.; Liso, F. G.; De Pascalis, A.; Cinotti, E.; Rubegni, P.	The use of human acellular dermal matrices in advanced wound healing and surgical procedures: State of the art	2021	systematic review

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Tognolo, L.; Scanu, A.; Vargiu, C.; Lucangeli, M.; Masiero, S.	Dextrose prolotherapy for chronic tendinopathy: A scoping review	2022	systematic review
Tokgoz, M. A.; Ergisi, Y.; Odluyurt, M.; Ataoglu, B.; Kanatli, U.	The effect of pain catastrophizing and kinesiophobia on the result of shoulder arthroscopy	2021	Mixed population w/o stratification; tear type was unspecified
Tokunaga, T.; Karasugi, T.; Tanimura, S.; Miyamoto, T.	Association of Severe Histological Degeneration of the Torn Supraspinatus Tendon and Retear After Arthroscopic Repair of Full-Thickness Rotator Cuff Tears Using the Suture Bridge Technique	2023	No stratification by relevant risk factors.
Toma, O.; Persoons, B.; Pogatzki-Zahn, E.; Van de Velde, M.; Joshi, G. P.	PROSPECT guideline for rotator cuff repair surgery: systematic review and procedure-specific postoperative pain management recommendations	2019	Systematic Review; Bib Review Completed
Toma, T.; Suenaga, N.; Taniguchi, N.; Oizumi, N.; Yamaguchi, H.; Tome, Y.; Kanaya, F.	Humeral head histopathological changes in cuff tear arthropathy	2019	No Relevant Outcomes: Histological Analysis
Tonotsuka, H.; Sugaya, H.; Takahashi, N.; Kawai, N.; Sugiyama, H.; Marumo, K.	Preoperative Pain Control in Arthroscopic Rotator Cuff Repair: Does It Matter?	2019	Irrelevant comparison: preoperative pain control
Tooth, C.; Gofflot, A.; Schwartz, C.; Croisier, J. L.; Beaudart, C.; Bruyere, O.; Forthomme, B.	Risk Factors of Overuse Shoulder Injuries in Overhead Athletes: A Systematic Review	2020	Systematic Review; Bib Review Completed
Toprak, U.; Turkoglu, S.; Aydogan, C.; Kovalak, E.; Saylisoy, S.; Siddikoglu, D.; Mahmud, A.	Diagnostic accuracy of ultrasound in subscapularis tendon abnormalities and the importance of operator experience	2020	irrelevant outcome of interest: inter-operator agreement
Tossolini Goulart, L.; Matsunaga, F. T.; Belloti, J. C.; Faloppa, F.; Paim, T. S.; Tamaoki, M. J. S.	Effectiveness of subacromial injections in rotator cuff lesions: systematic review and meta-analysis protocol	2022	Study Protocol, no results
Toyooka, S.; Ito, M.; Kakinuma, A.; Kayama, S.; Watanabe, K.; Miyamoto, W.; Nakagawa, T.; Kawano, H.	Periarticular multimodal drug injection does not improves early postoperative analgesia compared with continuous interscalene brachial plexus block after arthroscopic rotator cuff repair: A retrospective single-center comparative study	2020	Not a randomized controlled trial
Tozzo, M. C.; Ansanello, W.; Martins, J.; Zatiti, S. C. A.; de Oliveira, A. S.	Inclinometer Reliability for Shoulder Ranges of Motion in Individuals With Subacromial Impingement Syndrome	2021	irrelevant topic: reliability of digital inclinometer for ROM; no relevant outcomes
Tramer, J. S.; Castle, J. P.; Gaudiani, M. A.; Lizzio, V. A.; McGee, A.; Freehill, M. T.; Lynch, T. S.	Upper-Extremity Injuries Have the Poorest Return to Play and Most Time Lost in Professional Baseball: A Systematic Review of Injuries in Major League Baseball	2023	systematic review

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Tramer, J. S.; Khalil, L. S.; Fidaï, M. S.; Meldau, J.; Sheena, G. J.; Muh, S. J.; Moutzourous, V.; Makhni, E. C.	Mental health and tobacco use are correlated with PROMIS upper extremity and pain interference scores in patients with shoulder pathology	2022	Non-surgical population and not relevant to PICO 3 or 6
Tramer, J. S.; Yedulla, N. R.; Ziedas, A. C.; Patel, M.; Franovic, S.; Muh, S. J.; Makhni, E. C.	Risk factors for failure to achieve minimal clinically important difference and significant clinical benefit in PROMIS computer adaptive test domains in patients undergoing rotator cuff repair	2022	Mixed Population w/o Stratification: partial and full-thickness tears
Tran, G.; Cowling, P.; Smith, T.; Bury, J.; Lucas, A.; Barr, A.; Kingsbury, S. R.; Conaghan, P. G.	What Imaging-Detected Pathologies Are Associated With Shoulder Symptoms and Their Persistence? A Systematic Literature Review	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Tran, G.; Hensor, E. M. A.; Kingsbury, S. R.; O'Connor, P.; Cowling, P.; Conaghan, P. G.	The usefulness of ultrasound in predicting outcomes in patients with shoulder pain: a prospective observational study	2023	No comparison group
Trantos, I. A.; Vasiladis, E. S.; Giannoulis, F. S.; Pappa, E.; Kakridonis, F.; Pneumáticos, S. G.	The Effect of PRP Augmentation of Arthroscopic Repairs of Shoulder Rotator Cuff Tears on Postoperative Clinical Scores and Retear Rates: A Systematic Review and Meta-Analysis	2023	systematic review
Trasolini, N. A.; Bolia, I. K.; Kang, H. P.; Essilfie, A.; Mayer, E. N.; Omid, R.; Gamradt, S. C.; Hatch, G. F.; Weber, A. E.	National Trends in Use of Regional Anesthesia and Postoperative Patterns of Opioid Prescription Filling in Shoulder Arthroscopy: A Procedure-Specific Analysis in Patients With or Without Recent Opioid Exposure	2020	Not relevant: cohort study comparing the patterns of opioid prescription filling
Traven, S. A.; Brinton, D. L.; Woolf, S. K.; Leddy, L. R.; Gottschalk, M. B.; Slone, H. S.	Notable Variability in Opioid-prescribing Practices After Common Orthopaedic Procedures	2021	not an RCT (observational cohort study.)
Traven, S. A.; Horn, R. W.; Reeves, R. A.; Walton, Z. J.; Woolf, S. K.; Slone, H. S.	The 5-Factor Modified Frailty Index Predicts Complications, Hospital Admission, and Mortality Following Arthroscopic Rotator Cuff Repair	2020	irrelevant topic: predictive ability of mFI-5; Inadequate follow-up time (see extended note)
Trefzer, R.; Diermayr, S.; Etter, M.; de Jong, M.; Wehrli, M.; Audige, L.; Scheibel, M.; Freisleder, F.	Subpectoral biceps tenodesis with BicepsButton fixation in the young population: which technique works best?	2023	Small sample size: 19 total patients; No comparison group
Triplet, J. J.; Schuette, H. B.; Cheema, A. N.; Marigi, E. M.; Hassett, L. C.; Barlow, J. D.; Camp, C. L.; Morrey, M. E.; Sperling, J. W.; Sanchez-Sotelo, J.	Venothromboembolism following shoulder arthroscopy: a systematic review	2022	Systematic Review; Bib Review Completed
Tross, A. K.; Woolson, T. E.; Nolte, P. C.; Schnetzke, M.; Loew, M.; Millett, P. J.	Primary reverse shoulder replacement with a short stem: A systematic literature review	2021	Systematic Review; Bib Review Completed

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Trung, D. T.; Anh, D. N.; Duc, T. T.; Trung, V. N.; Dinh, T. C.	Evaluate the Results at Minimum 2-Years of Treating Rotator Cuff Tear by Arthroscopic Surgery	2019	Mixed Population w/o Stratification: full and partial thickness tears
Tsenkov, T.; Gerchev, A.	CONCOMITANCE OF ROTATOR CUFF DISEASE IN SYMPTOMATIC ANTERIOR SHOULDER INSTABILITY	2022	no extractable outcomes of interest
Tsikouris, G. D.; Bolia, I. K.; Vlaserou, P.; Odantzis, N.; Angelis, K.; Psychogios, V.	Shoulder Arthroscopy With Versus Without Suprascapular Nerve Release: Clinical Outcomes and Return to Sport Rate in Elite Overhead Athletes	2018	Mixed Population w/o Stratification (see extended note)
Tsuchiya, S.; Bois, A. J.; Matthewson, G.; Oiwa, S.; More, K. D.; Lo, I. K. Y.	The relationship between preoperative Goutallier stage and retear rates following posterosuperior rotator cuff repair: a systematic review	2023	systematic review
Tsuchiya, S.; Davison, E. M.; Rashid, M. S.; Bois, A. J.; LeBlanc, J.; More, K. D.; Lo, I. K. Y.	Determining the rate of full-thickness progression in partial-thickness rotator cuff tears: a systematic review	2021	systematic review
Tuite, M. J.; Yandow, D. R.; DeSmet, A. A.; Orwin, J. F.; Quintana, F. A.	Diagnosis of partial and complete rotator cuff tears using combined gradient echo and spin echo imaging	1994	Low Quality upon Appraisal - Keeping only Moderates and Highs for PICO 3
Tunali, O.; Ersen, A.; Kizilkurt, T.; Bayram, S.; Sivacioglu, S.; Atalar, A. C.	Are critical shoulder angle and acromion index correlated to the size of a rotator cuff tear	2022	Irrelevant Topic: CSA and AI correlated w/ RC Tear Size
Tunc, S.; Atilgan, E.; Algun, C.	Efficacy of upper extremity and scapular proprioceptive neuromuscular facilitation technique in patients with rotator cuff lesions	2019	Paper not translated to English
Turcotte, J. J.; Kelly, M.; West, M.; Lashgari, C.; Petre, B. M.; Redziniak, D. E.	Rates of medial and lateral row failure and risk factors for Re-tear in arthroscopic double row rotator cuff repair	2023	Mixed Population w/o Stratification: 20% partial thickness tears
Turk, A. C.; Fidan, N.; Ozcan, O.; Ozkurt, S.; Musmul, A.; Sahin, F.	Comparison of shoulder Magnetic Resonance Imaging findings between patients with stage 4 chronic kidney disease and hemodialysis patients with healthy controls	2020	irrelevant population/outcomes: hemodialysis patients vs. healthy controls
Turkmen, I.; Altun, G.; Celik, H.; Bilsel, K.	Can subcoracoid cyst formation be a sign of anterosuperior rotator cuff tears and biceps pulley lesions? A prospective radiologic and arthroscopic correlation study	2020	no relevant outcomes
Türksan, H. E.; Yesilyaprak, S. S.	EFFECTIVENESS OF MODIFIED POSTERIOR SHOULDER STRETCHING EXERCISES IN POSTERIOR SHOULDER TIGHTNESS AND GLENOHUMERAL INTERNAL ROTATION DEFICIT: A SYSTEMATIC REVIEW	2023	Systematic review; bib review complete
Turksan, H. E.; Yesilyaprak, S. S.; Erduran, M.; Ozcan, C.	Novel Posterior Shoulder Stretching With Rapid Eccentric Contraction and Static Stretching in Patients With Subacromial Pain Syndrome: A Randomized Trial	2023	Non-surgical population and not relevant to PICO 3 or 6

Authors	Article Title	Year	Reason for Exclusion
Tutika, D. K.; Mirayabelli, S. B.; Krishna, K. V.; Gowtham, B.	A COMPARATIVE STUDY OF ROTATOR CUFF REPAIR- SINGLE ROW VERSUS DOUBLE ROW REPAIR	2023	Mixed Population w/o Stratification: partial and full thickness tear without stratification by tear type for relevant outcomes
Uchida, R.; Hombu, A.; Ishida, Y.; Nagasawa, M.; Chosa, E.	Investigation of cryotherapy for pain relief after arthroscopic shoulder surgery	2022	Irrelevant Comparison: Cryotherapy at different time intervals/intensities
Ueda, Y.; Tanaka, H.; Morioka, S.; Tachibana, T.; Hayashi, T.; Ichihashi, N.; Inui, H.; Nobuhara, K.	Comparison of scapular upward rotation during arm elevation in the scapular plane in healthy volunteers and patients with rotator cuff tears pre- and post-surgery	2019	Irrelevant Comparison Group: Healthy Controls
Ueda, Y.; Tanaka, H.; Tomita, K.; Tachibana, T.; Inui, H.; Nobuhara, K.; Umehara, J.; Ichihashi, N.	Comparison of shoulder muscle strength, cross-sectional area, acromiohumeral distance, and thickness of the supraspinatus tendon between symptomatic and asymptomatic patients with rotator cuff tears	2020	irrelevant comparison: symptomatic RC tear vs. asymptomatic RC tear; no relevant outcomes
Ueki, H.; Yoshimura, H.	Long-lasting decreased pain threshold negatively affects functional recovery after arthroscopic rotator cuff repair	2023	irrelevant comparison: tramadol vs. control
Ughreja, R. A.; Dhungana, M.; Awasthi, P.	Myofascial trigger points in adhesive capsulitis: A systematic review	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Ujsasi, D.; Filipovic, K.; Zvekic-Svorcan, J.; Nemet, M.; Duricin, A.; Joksic-Mazinjanin, R.; Pavlovic, S.; Jovanovic, S.; Popovic, B.; Stajer, V.; Radanovic, D.; Marinkovic, D.; Cvetkovic, M.	The Applicability of Provocative Functional Tests in the Diagnosis of Rotator Cuff Muscle Injuries of the Best University Athletes	2022	no outcomes of interest
Ulery, D.; Mancuso, A. J., 2nd; Edgerton, T.; Butler, J.; Singleton, A.; Miller, R. M.	Does shoulder stability differ with or without subscapularis repair after primary reverse total shoulder arthroplasty? A systematic review	2022	Systematic Review; Bib Review Completed
Ulucakoy, C.; Kaptan, A. Y.; Yapar, A.; Orhan, O.; Ozer, M.; Kanatli, U.	The effect of bicipital groove morphology on the stability of the biceps long head tendon	2021	irrelevant topic: bicipital groove morphology and stability of LHBT
Umar, M.; Hughes, M.; Barrington-Ford, L. M.; Pearson, K.; Waseem, M.	Comparison of bony increased offset-reverse shoulder arthroplasty and standard reverse shoulder arthroplasty outcomes	2020	mixed population w/o stratification: uff tear Arthropathy, revision prosthesis, proximal humerus fracture and post-traumatic osteoarthritis
Unger, R. Z.; Burnham, J. M.; Gammon, L.; Malempati, C. S.; Jacobs, C. A.; Makhni, E. C.	The Responsiveness of Patient- Reported Outcome Tools in Shoulder Surgery Is Dependent on the Underlying Pathological Condition	2019	Systematic Review; All reviewed articles published b4 previous guideline.

Authors	Article Title	Year	Reason for Exclusion
Uno, T.; Mura, N.; Yuki, I.; Oishi, R.; Takagi, M.	Factors correlated with the optimal tension for arthroscopic rotator cuff repair using Grasper Tensioning Attachment	2022	No comparison group; no relevant risk factors w/ extractable data
Uno, T.; Mura, N.; Yuki, I.; Oishi, R.; Takagi, M.	The effect of continuous interscalene brachial plexus block for arthroscopic rotator cuff repair	2024	PICO 12 is RCT only update and this is a retrospective study
Uno, T.; Mura, N.; Yuki, I.; Takagi, M.	Shoulder activity of the contralateral shoulder as a prognostic factor in patients with arthroscopic rotator cuff repair	2023	No Relevant Risk Factors; Irrelevant Comparison (see extended note)
Uy, M.; Wang, J.; Horner, N. S.; Bedi, A.; Leroux, T.; Alolabi, B.; Khan, M.	Cemented humeral stem versus press-fit humeral stem in total shoulder arthroplasty: a systematic review and meta-analysis	2019	Systematic Review
Uysal, O.; Demirci, S.; Kara, D.; Yildiz, T. I.; Sevinc, C.; Eraslan, L. S.; Turgut, E.; Huri, G.; Turhan, E.; Atay, O. A.; Duzgun, I.	Tender point examination with palpation in different shoulder pathologies: A retrospective study	2022	irrelevant topic: tender point exams; no relevant outcomes
Uzun, E.; Misir, A.; Kizkapan, T. B.; Ozcamdalli, M.; Sekban, H.; Guney, A.	Factors associated with the development of re-tear following arthroscopic rotator cuff repair: A retrospective comparative study	2021	Mixed Population w/o Stratification: partial and complete tears
Vadhera, A. S.; Beletsky, A.; Singh, H.; Chahla, J.; Cole, B. J.; Verma, N. N.	Preoperative psychometric properties of Patient-Reported Outcomes Measurement Information System Upper Extremity, Pain Interference, and Depression in Bankart repair and rotator cuff repair	2021	irrelevant topic: preoperative psychometric properties
Vajda, M.; Szako, L.; Hegyi, P.; Eross, B.; Gorbe, A.; Molnar, Z.; Kozma, K.; Jozsa, G.; Bucsi, L.; Schandl, K.	Tenodesis yields better functional results than tenotomy in long head of the biceps tendon operations-a systematic review and meta-analysis	2022	Systematic Review
Valencia, M.; Fernandez-Bermejo, G.; Martin-Rios, M. D.; Fernandez-Jara, J.; Morcillo-Barrenechea, D.; Coifman-Lucena, I.; Foruria, A. M.; Calvo, E.	Subscapularis structural integrity and function after arthroscopic Latarjet procedure at a minimum 2-year follow-up	2020	no comparison group; irrelevant intervention: Latarjet procedure
Valenti, P.; Zampeli, F.; Caruso, G.; Nidtahar, I.; Martinez-Catalan, N.; Kazum, E.	Proximal humeral bone defect in reverse shoulder arthroplasty combined with latissimus-dorsi transfer is not related with a poor outcome	2022	Less than 10 patients per group (n=9, n=15)
Valenti, P.; Zanjani, L. O.; Schoch, B. S.; Kazum, E.; Werthel, J. D.	Mid- to long-term outcomes after reverse shoulder arthroplasty with latissimus dorsi and teres major transfer for irreparable posterosuperior rotator cuff tears	2021	Small sample size: 17 total patients; no comparison group
Van de Kleut, M. L.; Athwal, G. S.; Faber, K. J.; Teeter, M. G.	In vivo volumetric and linear wear measurement of reverse shoulder arthroplasty at minimum 5-year follow-up	2020	Small sample size: 15 total patients

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Van de Kleut, M. L.; Bloomfield, R. A.; Teeter, M. G.; Athwal, G. S.	Monitoring daily shoulder activity before and after reverse total shoulder arthroplasty using inertial measurement units	2021	no comparison group; mixed population
Van de Kleut, M. L.; Yuan, X.; Teeter, M. G.; Athwal, G. S.	Bony increased-offset reverse shoulder arthroplasty vs. metal augments in reverse shoulder arthroplasty: a prospective, randomized clinical trial with 2-year follow-up	2022	rotator cuff arthropathy only 37% of population
van de Kuit, A.; Verweij, L. P. E.; Priester-Vink, S.; Veeger, Hejd; van den Bekerom, M. P. J.	Changes in Scapular Function, Shoulder Strength, and Range of Motion Occur After Latarjet Procedure	2023	systematic review
van den Boom, N. A. C.; Winters, M.; Haisma, H. J.; Moen, M. H.	Efficacy of Stem Cell Therapy for Tendon Disorders: A Systematic Review	2020	systematic review
van der List, J. P.; Kok, L. M.; Alta, T. D. W.; van der List, M. P. J.; van Noort, A.	Role of Delay Between Injury and Surgery on the Outcomes of Rotator Cuff Repair: A Systematic Review and Meta-analysis	2023	systematic review
van der Reijden, J. J.; Nienhuis, S. L.; Somford, M. P.; van den Bekerom, M. P. J.; Doornberg, J. N.; van 't Riet, E.; van den Borne, M. P. J.	The value of radiographic markers in the diagnostic work-up of rotator cuff tears, an arthroscopic correlated study	2020	healthy control group
van Deurzen, D. F. P.; Auw Yang, K. G.; Onstenk, R.; Raven, E. E. J.; van den Borne, M. P. J.; Hoelen, M. A.; Wessel, R. N.; Willigenburg, N. W.; Klaassen, A. D.; van den Bekerom, M. P. J.	Long Head of Biceps Tenotomy Is Not Inferior to Suprapectoral Tenodesis in Arthroscopic Repair of Nontraumatic Rotator Cuff Tears: A Multicenter, Non-inferiority, Randomized, Controlled Clinical Trial	2021	Irrelevant Population: Not massive/irreparable, LHBT vs. tenodesis
van Deurzen, D.; Scholtes, V.; Willems, W. J.; Geerdink, H. H.; van der Woude, H. J.; van der Hulst, V.; van den Bekerom, M.	Long-term results of arthroscopic and mini-open repair of small- to medium-size full-thickness rotator cuff tears	2019	Outcomes not stratified by treatment type.
van Eck, C. F.; Toor, A.; Banffy, M. B.; Gambardella, R. A.	Web-Based Education Prior to Outpatient Orthopaedic Surgery Enhances Early Patient Satisfaction Scores: A Prospective Randomized Controlled Study	2018	Mixed Population w/o Stratification: knee and shoulder patients
Van Parys, M.; Alkiar, O.; Naidoo, N.; Van Tongel, A.; De Wilde, L.	Three-dimensional evaluation of scapular morphology in primary glenohumeral arthritis, rotator cuff arthropathy, and asymptomatic shoulders	2021	irrelevant topic: 3D scapular morphology; no relevant outcomes

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VanBeek, C.; Loeffler, B. J.; Narzikul, A.; Gordon, V.; Rasiej, M. J.; Kazam, J. K.; Abboud, J. A.	Diagnostic accuracy of noncontrast MRI for detection of glenohumeral cartilage lesions: a prospective comparison to arthroscopy	2014	Irrelevant Topic: Glenohumeral Cartilage Lesions
Vancolen, S. Y.; Elsayi, R.; Horner, N. S.; Leroux, T.; Alolabi, B.; Khan, M.	Reverse total shoulder arthroplasty in the younger patient (=65 years): a systematic review	2020	systematic review
Varshneya, K.; Safran, M. R.; Sherman, S. L.; Abrams, G. D.	Costs, Complications, and Reoperations Associated With Primary Arthroscopic Rotator Cuff Repair With or Without Acromioplasty and/or Biceps Tenodesis	2020	cost analysis; inadequate follow-up time (90 days); tear type not specified
Vasishtha, A.; Kelkar, A.; Joshi, P.; Hapse, R.	The value of sonoelastography in the diagnosis of supraspinatus tendinopathy-a comparison study	2019	rotator cuff tears excluded
Vassalou, E. E.; Klontzas, M. E.; Marias, K.; Karantanas, A. H.	Predicting long-term outcomes of ultrasound-guided percutaneous irrigation of calcific tendinopathy with the use of machine learning	2022	irrelevant topic: machine learning for predicting US-PICT outcomes
Vassalou, E. E.; Klontzas, M. E.; Plagou, A. P.; Karantanas, A. H.	Ultrasound-guided percutaneous irrigation of calcific tendinopathy: redefining predictors of treatment outcome	2021	Non-surgical population and not relevant to PICO 3 or 6
Vattigunta, S.; Weiner, S.; Nayar, S. K.; Jenkins, S.; Srikumaran, U.	Opioid consumption following orthopedic shoulder surgery: a retrospective analysis	2021	Tear type was unspecified; Inadequate follow-up time
Vaysman, M.; Alben, M.; Todd, M.; Ruotolo, C.	Pharmacologic Enhancement of Rotator Cuff Repair: A Narrative Review	2022	Systematic Review
Vecchini, E.; Ricci, M.; Elena, N.; Gasperotti, L.; Cochetti, A.; Magnan, B.	Rotator cuff repair with single row technique provides satisfying clinical results despite consistent MRI retear rate	2022	no comparison group
Veen, E. J. D.; Boeddha, A. V.; Diercks, R. L.; Kleinlugtenbelt, Y. V.; Landman, E. B. M.; Koorevaar, C. T.	Arthroscopic isolated long head of biceps tenotomy in patients with degenerative rotator cuff tears: mid-term clinical results and prognostic factors	2021	No comparison-all participants underwent biceps tenotomy
Veen, E. J. D.; Stevens, M.; Diercks, R. L.	Biceps Autograft Augmentation for Rotator Cuff Repair: A Systematic Review	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Vegas, A.; Cannon, D.; Rafael Garcia, J.; Rodriguez, H. C.; Levy, J.; Lapica, H.; Levy, J. C.	Return to racket sports after shoulder arthroplasty: performance and outcome scores	2023	irrelevant comparison: TSA (end stage GHA w/ intact rotator cuff) vs. RSA (rotator cuff tears and other)
Vegas, A.; Garcia, J. R.; Glener, J.; Levy, J. C.	Improvement in Sleep Disturbance Following Anatomic and Reverse Shoulder Arthroplasty	2023	unclear patient population: diagnosis not specified
Velasquez Garcia, A.; Ingala Martini, L.; Franco Abache, A.; Abdo, G.	Role of platelet-rich plasma in the treatment of rotator cuff tendinopathy	2023	Systematic Review

Authors	Article Title	Year	Reason for Exclusion
Velasquez Garcia, A.; Nieboer, M. J.; de Marinis, R.; Morrey, M. E.; Valenti, P.; Sanchez-Sotelo, J.	Mid- to long-term outcomes of latissimus dorsi tendon transfer for massive irreparable posterosuperior rotator cuff tears: a systematic review and meta-analysis	2024	Systematic Review, Bib Review Complete
Verbrugghe, J.; Knippenberg, E.; Palmaers, S.; Matheve, T.; Smeets, W.; Feys, P.; Spooren, A.; Timmermans, A.	Motion detection supported exercise therapy in musculoskeletal disorders: a systematic review	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Verdecchia, N. M.; Rodosky, M. W.; Kentor, M.; Orebaugh, S. L.	Liposomal bupivacaine infiltration in the surgical site for analgesia after rotator cuff repair: a randomized, double-blinded, placebo-controlled trial	2021	irrelevant comparison: liposomal bupivacaine vs. normal saline (control)
Verhaegen, F.; Meynen, A.; Matthews, H.; Claes, P.; Debeer, P.; Scheys, L.	Determination of pre-arthropathy scapular anatomy with a statistical shape model: part I-rotator cuff tear arthropathy	2021	irrelevant topic: statistical shape modeling; no relevant outcomes
Verhaegen, F.; Meynen, A.; Plessers, K.; Scheys, L.; Debeer, P.	Quantitative SSM-based analysis of humeral head migration in rotator cuff tear arthropathy patients	2022	irrelevant topic: analysis of humeral head migration
Versloot, A. H. C.; Jackson, J. A.; van Rijn, R. M.; Elbers, R. G.; Sogaard, K.; Macri, E. M.; Koes, B.; Burdorf, A.; Chiarotto, A.; Gerger, H.	Physical and psychosocial work-related exposures and the occurrence of disorders of the shoulder: A systematic review update	2024	Systematic Review of Irrelevant Topic
Verstraeten, F.; Schotanus, M.; Klemann-Harings, S.; Lambers Heerspink, O.; Jansen, E.	Comparison of clinical and radiological outcomes after three different surgical treatments for resistant calcifying tendinitis of the shoulder: a short-term randomized controlled trial	2022	irrelevant population: calcifying tendinitis; no tears and an operative population
Verstraete, O.; Van der Mast, B.; Van Tongel, A.; Karelse, A.; Van der Bracht, H.; Berghs, B.; Van Isacker, T.; Verniers, P.; De Wilde, L.	Prevalence and risk factors of scapular stress fracture after reverse shoulder arthroplasty: a multicentric retrospective study	2021	no comparison group; mixed population w/o stratification; arthropathy present (irrelevant to PICO 8)
Vervaecke, A. J.; Carbone, A. D.; Zubizarreta, N.; Poeran, J.; Parsons, B. O.; Verborgt, O.; Galatz, L. M.; Cagle, P. J.	Reverse shoulder arthroplasty for rotator cuff tears with and without prior failed rotator cuff repair: A large-scale comparative analysis	2022	cost analysis; mixed population (partial tears included)
Verweij, L. P. E.; van Spanning, S. H.; Grillo, A.; Kerkhoffs, Gmmj; Priester-Vink, S.; van Deurzen, D. F. P.; van den Bekerom, M. P. J.	Age, participation in competitive sports, bony lesions, ALPSA lesions, > 1 preoperative dislocations, surgical delay and ISIS score > 3 are risk factors for recurrence following arthroscopic Bankart repair: a systematic review and meta-analysis of 4584 shoulders	2021	systematic review

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Vicentini, J. R. T.; Hilgersom, N. F. J.; Martinez-Salazar, E. L.; Simeone, F. J.; Bredella, M. A.; Palmer, W. E.; Oh, L. S.; Torriani, M.	Distal Triceps Tendon Tears: Magnetic Resonance Imaging Patterns Using a Systematic Classification	2022	irrelevant population: distal triceps tendon
Vidal, C.; Lira, M. J.; de Marinis, R.; Liendo, R.; Contreras, J. J.	Increasing incidence of rotator cuff surgery: A nationwide registry study in Chile	2021	Irrelevant topic: incidence rate of RC surgery. No outcomes of interest
Vigano, M.; Ragni, E.; Marmotti, A.; de Girolamo, L.	The effects of orthobiologics in the treatment of tendon pathologies: a systematic review of preclinical evidence	2022	Systematic Review
Vigie, R.; Bonneville, N.; Hao, K. A.; Berhouet, J.; Charrousset, C.	Tenotomy or tenodesis versus conservation of the long head of the biceps tendon in the repair of isolated supraspinatus tears: a systematic review of the literature	2023	systematic review
Vij, N.; Fabian, I.; Hansen, C.; Kasabali, A. J.; Urits, I.; Viswanath, O.	Outcomes after minimally invasive and surgical management of suprascapular nerve entrapment: A systematic review	2022	Systematic Review; Bib Review Completed
Vij, N.; Liu, J. N.; Amin, N.	Radiofrequency in arthroscopic shoulder surgery: a systematic review	2022	Systematic Review; Bib Review Completed
Vijittrakarnrung, C.; Freshman, R.; Anigwe, C.; Lansdown, D. A.; Feeley, B. T.; Ma, C. B.	Periarticular injection in addition to interscalene nerve block can decrease opioid consumption and pain following total shoulder arthroplasty: a comparison cohort study	2023	not an RCT (comparison cohort study)
Vijittrakarnrung, C.; Fuangfa, P.; Jaovisidha, S.; Kijkunasathian, C.	Correlation between full-thickness degenerative supraspinatus tear and radiographic parameters including the acromiohumeral centre edge angle and the greater tuberosity angle	2021	Irrelevant comparison: no tear group
Villacis, D. C.; Chauhan, A.; Asselmeier, M.; Walsh, K.; Murphy, B.; Romeo, A.	Clinical utility of immediate postoperative radiographs following uncomplicated primary reverse shoulder arthroplasty	2021	unclear patient population; no comparison group
Villarreal-Villarreal, G. A.; Simental-Mendia, M.; Garza-Borjon, A. E.; Millan-Alanis, J. M.; Vilchez-Cavazos, F.; Pena-Martinez, V. M.; Acosta-Olivo, C. A.	Double-Row Rotator Cuff Repair Enhanced With Platelet-Rich Therapy Reduces Retear Rate: A Systematic Review and Meta-analysis of Randomized Controlled Trials	2021	systematic review
Villatte, G.; Erivan, R.; Barth, J.; Bonneville, N.; Descamps, S.; Boisgard, S.	Progression and projection for shoulder surgery in France, 2012-2070: Epidemiologic study with trend and projection analysis	2020	Irrelevant Topic: Epidemiologic Study w/ Projection Analysis
Villatte, G.; Erivan, R.; Nourissat, G.; Marcheix, P. S.; Pereira, B.; Aubret, S.; Boisgard, S.; Descamps, S.	Allograft and autograft provide similar retear rates for the management of large and massive rotator cuff tears: a review and meta-analysis	2022	systematic review

Authors	Article Title	Year	Reason for Exclusion
Viner, G. C.; He, J. K.; Brabston, E. W.; Momaya, A.; Ponce, B. A.	Os acromiale: systematic review of surgical outcomes	2020	systematic review
Virani, S.; Leonidou, A.; Panagopoulos, G.; Holmes, N.; Sforza, G.; Relwani, J.; Levy, O.	Management of glenoid bone loss with impaction and structural bone grafting in reverse shoulder arthroplasty	2023	Mixed Population w/o Stratification: cuff tear arthropathy, OA, rheumatoid arthritis, and infection
Virk, M.; Yip, M.; Liuzza, L.; Abdelshahed, M.; Paoli, A.; Grey, S.; Wright, T.; Flurin, P. H.; Roche, C.; Zuckerman, J. D.	Clinical and radiographic outcomes with a posteriorly augmented glenoid for Walch B2, B3, and C glenoids in reverse total shoulder arthroplasty	2020	mixed population: OA w/ or w/o RC tear, or RC arthropathy; irrelevant comparison by glenoid type
Viswanath, A.; Bale, S.; Trail, I.	Reverse total shoulder arthroplasty for irreparable rotator cuff tears without arthritis: A systematic review	2021	systematic review
Viswanath, A.; Drew, S.	Subacromial balloon spacer - Where are we now?	2021	systematic review
Vogler, T.; Andreou, D.; Gosheger, G.; Kurpiers, N.; Velmans, C.; Ameziane, Y.; Schneider, K.; Rickert, C.; Liem, D.; Schorn, D.	Long-term outcome of arthroscopic debridement of massive irreparable rotator cuff tears	2020	no technique comparison- all patients received arthroscopic debridement
von Gerhardt, A. L.; Willems, J. I. P.; Geervliet, P. C.; Spruyt, P.; van Noort, A.; Visser, C. P. J.	Long-term results of the uncemented resurfacing shoulder hemiarthroplasty (Global Conservative Anatomic Prosthesis)	2022	no comparison group; irrelevant population: GHOA w/ intact rotator cuff
von Knoch, M.; Baums, M. H.; Lehmann, W.; Frosch, S.	Risk Analysis of Perioperative Injections in Arthroscopic Reconstruction of the Rotator Cuff of the Shoulder - A Systematic Review	2022	systematic review
von Knoch, M.; Frosch, S.; Baums, M. H.; Lehmann, W.	Motor Recovery of the Suprascapular Nerve after Arthroscopic Decompression in the Scapular Notch - a Systematic Review	2021	systematic review
von Knoch, M.; Frosch, S.; Lehmann, W.	Arthroscopic Reconstruction of Intratendinous Lesions of the Supraspinatus Tendon - a Systematic Review	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Vonhoegen, J.; John, D.; Hagermann, C.	Osteoconductive resorption characteristics of a novel biocomposite suture anchor material in rotator cuff repair	2019	no comparison group
Vora, M.; Sing, D. C.; Curry, E. J.; Kamal, R. N.; Li, X.	National Trends in the Surgical Treatment of Chronic Rotator Cuff Tear in Patients Without Arthritis	2020	Irrelevant Topic: National Trends
Vrotsou, K.; Avila, M.; Machon, M.; Mateo-Abad, M.; Pardo, Y.; Garin, O.; Zaror, C.; Gonzalez, N.; Escobar, A.; Cuellar, R.	Constant-Murley Score: systematic review and standardized evaluation in different shoulder pathologies	2018	Systematic Review; All reviewed articles published b4 previous guideline.

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Vrotsou, K.; Cuellar, R.; Silio, F.; Garay, D.; Busto, G.; Escobar, A.	Test-retest reliability of the ASES-p shoulder scale	2019	irrelevant topic: validation of ASES-p
Waersted, M.; Koch, M.; Veiersted, K. B.	Work above shoulder level and shoulder complaints: a systematic review	2020	systematic review, bib review complete
Wagner, E. R.; Chang, M. J.; Solberg, M. J.; Welp, K. M.; Hunt, T. J.; Woodmass, J. M.; Higgins, L. D.; Warner, J. J. P.	Capsular release following total shoulder arthroplasty: an analysis of early outcomes	2021	<10 participants per group (n=5 vs n=14)
Wagner, E. R.; Houdek, M. T.; Elhassan, B. T.; Sanchez-Sotelo, J.; Cofield, R. H.; Sperling, J. W.	What Are Risk Factors for Intraoperative Humerus Fractures During Revision Reverse Shoulder Arthroplasty and Do They Influence Outcomes?	2015	irrelevant population: revision surgery
Walch, G.; Nove-Josserand, L.; Liotard, J. P.; Noel, E.	Musculotendinous infraspinatus ruptures: an overview	2009	Mixed Population w/o Stratification: no tears, partial thickness tears, and tendinopathy.
Walecka, J.; Lubiowski, P.; Consigliere, P.; Atoun, E.; Levy, O.	Shoulder proprioception following reverse total shoulder arthroplasty	2020	irrelevant comparison; healthy controls
Walford, S. L.; Rankin, J. W.; Mulroy, S. J.; Neptune, R. R.	The relationship between the hand pattern used during fast wheelchair propulsion and shoulder pain development	2021	Irrelevant topic: Hand Pattern Use & Wheelchair Propulsion
Walker-Bone, K.; van der Windt, D. A.	Shoulder Pain – Where Are We Now?	2021	Systematic Review
Wallenberg, R. B.; Belzer, M. L.; Ramsey, D. C.; Opel, D. M.; Berkson, M. D.; Gundle, K. R.; Nagy, M. L.; Boucher, R. J.; McCarron, J. A.	MRI-based 3-dimensional volumetric assessment of fatty infiltration and muscle atrophy in rotator cuff tears	2022	Irrelevant Topic: Volumetric Assessment of FI and Muscle Atrophy
Waltenspül, M.; Jochum, B.; Filli, L.; Ernstbrunner, L.; Wieser, K.; Meyer, D.; Gerber, C.	Mid-term results of arthroscopically assisted latissimus dorsi transfer for irreparable posterosuperior rotator cuff tears	2021	No comparison group
Walter, N.; Lowenberg, D. W.; Kurtz, S. M.; Alt, V.; Lau, E. C.; Rupp, M.	Revision Rates and Associated Risk Factors after Shoulder Arthroplasty	2022	irrelevant population: arthropathy; irrelevant comparisons by indication
Walter, S. G.; Cucchi, D.; Thomas, W.; Friedrich, M. J.; Jansen, T.	ARoCuS Web application promotes standardized treatment and documentation of rotator cuff tears	2021	irrelevant topic: ARoCuS Web application testing

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Walters, J. D.; George, L. W., 2nd; Walsh, R. N.; Wan, J. Y.; Brolin, T. J.; Azar, F. M.; Throckmorton, T. W.	The effect of current and former tobacco use on outcomes after primary reverse total shoulder arthroplasty	2020	Mixed Population w/o Stratification: cuff tear arthropathy, massive cuff tears, traumatic sequelae, osteoarthritis, osteoarthritic changes with significant glenoid wear, inflammatory arthritis, osteoarthritis with associated rotator cuff tear, and osteonecrosis
Walters, J. D.; George, L. W.; Wan, J. Y.; Brolin, T. J.; Azar, F. M.; Throckmorton, T. W.	Tobacco use results in inferior outcomes after anatomic total shoulder arthroplasty	2019	irrelevant population: osteoarthritis
Wan, R. W.; Luo, Z. W.; Yang, Y. M.; Zhang, H. L.; Chen, J. N.; Chen, S. Y.; Shang, X. L.	Long head of biceps tendon transposition for massive and irreparable rotator cuff tears: A systematic review and meta-analysis	2023	Systematic Review; Bib Review Completed
Wang, A.; McCann, P.; Colliver, J.; Koh, E.; Ackland, T.; Joss, B.; Zheng, M.; Breidahl, B.	Do postoperative platelet-rich plasma injections accelerate early tendon healing and functional recovery after arthroscopic supraspinatus repair? A randomized controlled trial	2015	Irrelevant Topic: Postop PRP Injections
Wang, C.; Xu, M.; Guo, W.; Wang, Y.; Zhao, S.; Zhong, L.	Clinical efficacy and safety of platelet-rich plasma in arthroscopic full-thickness rotator cuff repair: A meta-analysis	2019	systematic review
Wang, C.; Yang, P.; Zhang, D.; Jeon, I. H.; Yu, T.; Zhang, Y.; Qi, C.	Bilateral single-staged arthroscopic rotator cuff repair is comparable to staged procedures: a retrospective follow up study of 2 years	2021	Irrelevant comparison: single stage vs. two stage RC repair
Wang, C.; Zhang, Z.; Ma, Y.; Liu, X.; Zhu, Q.	Platelet-rich plasma injection vs corticosteroid injection for conservative treatment of rotator cuff lesions: A systematic review and meta-analysis	2021	systematic review
Wang, D. M.; Li, C.; Hatchard, N.; Chang Chien, G. C.; Alm, J.	Lower trapezius muscle function in people with and without shoulder and neck pain: a systematic review	2023	systematic review
Wang, D.; Weiss, L. J.; Abrams, M.; Barnes, R. P.; Warren, R. F.; Rodeo, S. A.; Taylor, S. A.	Athletes With Musculoskeletal Injuries Identified at the NFL Scouting Combine and Prediction of Outcomes in the NFL: A Systematic Review	2018	Systematic Review; Bib Review Completed
Wang, G.; Fiedler, A. K.; Warth, R. J.; Bailey, L.; Shupe, P. G.; Gregory, J. M.	Reliability and accuracy of telemedicine-based shoulder examinations	2022	Irrelevant Population: No rotator cuff tear
Wang, H.; Cao, X.; Li, B.; Ning, T.; Cao, Y.	Clinical Approach to Inconclusive Subscapularis Tear Diagnosis: a Meta-analysis	2023	Systematic Review; Bib Review Completed
Wang, J. C.; Chang, K. V.; Wu, W. T.; Han, D. S.; Ozcakar, L.	Ultrasound-Guided Standard vs Dual-Target Subacromial Corticosteroid Injections for Shoulder Impingement Syndrome: A Randomized Controlled Trial	2019	irrelevant comparison: method of injection (both groups received same injection)

Authors	Article Title	Year	Reason for Exclusion
Wang, J.; Ma, J. X.; Zhu, S. W.; Jia, H. B.; Ma, X. L.	Does Distal Clavicle Resection Decrease Pain or Improve Shoulder Function in Patients With Acromioclavicular Joint Arthritis and Rotator Cuff Tears? A Meta-analysis	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Wang, K. C.; Butler, L. R.; White, C. A.; Patel, A. V.; Parsons, B. O.; Cagle, P. J.	The Impact of COVID-19 on the Timing of Rotator Cuff Repair and Method of Postoperative Follow-up	2023	mixed population w/o stratification; irrelevant risk factor (timing of covid)
Wang, K. Y.; Agarwal, A. R.; Xu, A. L.; Best, M. J.; Kreulen, R. T.; Jami, M.; McFarland, E. G.; Srikumaran, U.	Increased Risk of Surgical-Site Infection and Need for Manipulation Under Anesthesia for Those Who Undergo Open Versus Arthroscopic Rotator Cuff Repair	2022	Cost analysis; Tear type was unspecified
Wang, K. Y.; Puvanesarajah, V.; Marrache, M.; Ficke, J. R.; Levy, J. F.; Jain, A.	Ambulatory Surgery Centers Versus Hospital Outpatient Departments for Orthopaedic Surgeries	2022	cost analysis; trends analysis
Wang, P. W.; Jo, C. H.	Prognostic factors affecting structural integrity after arthroscopic rotator cuff repair: a clinical and histological study	2023	No Relevant Risk Factors
Wang, P.; Liu, Y.; Zhou, Z.	Supraspinatus extraction from MRI based on attention-dense spatial pyramid UNet network	2024	Irrelevant Topic: Deep Learning for Diagnosis
Wang, S.; Chapple, C.; Farrell, G.; Quinn, D.; Tumilty, S.; Ribeiro, D. C.	Dosage of joint mobilization for the management of patients with rotator cuff-related shoulder pain: A scoping review	2024	Scoping Review
Wang, T. C.; Guo, J. L.; Tian, Q. P.; Deng, H. P.; Yin, B.; Xiao, Z.; Lu, B.	Application of Tranexamic Acid in Shoulder Arthroscopic Surgery: A Randomised Controlled Trial	2023	irrelevant comparison: timing of tranexamic acid application; inadequate follow-up time; no relevant outcomes
Wang, T. Y.; Nie, P.; Zhao, X.; Wang, H. X.; Wan, G. Y.; Zhou, R. Z.; Zhong, X.; Zhang, Y.; Yu, T. B.; Hao, D. P.	Proton density fat fraction measurements of rotator cuff muscles: Accuracy, repeatability, and reproducibility across readers and scanners	2022	irrelevant population: healthy volunteers; no relevant outcomes
Wang, W.; Kang, H.; Li, H.; Li, J.; Meng, Y.; Li, P.	Comparative efficacy of 5 suture configurations for arthroscopic rotator cuff tear repair: a network meta-analysis	2021	systematic review
Wang, X.; Zhang, W.; Dong, J.; Li, L.; Xiao, Y.; Liu, F.	Three-dimensional sonography has satisfied accuracy for detecting rotator cuff tears	2024	Systematic Review; Bib Review Completed
Wang, Y.; Ding, W.; Xu, J.; Ruan, D.; Heng, B. C.; Ding, Q.; Shen, L.; Ding, S.; Shen, W.	Arthroscopic Superior Capsular Reconstruction for Massive Irreparable Rotator Cuff Tears Results in Significant Improvements in Patient Reported Outcomes and Range of Motion: A Systematic Review	2022	systematic review, bib review complete
Wang, Y.; Li, Q.; Zhang, Q.	Modified Double-Row and Double-Pulley Technique for the Treatment of Type Ia Scapular Glenoid Fractures	2022	irrelevant population; Scapular Glenoid Fractures

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Wang, Z.; Liao, Y.; Wang, C.; Tang, C.; Fang, C.; Luo, J.; Liu, H.; Mo, X.; Wang, Z.; Shen, L.; Wang, J.; Chen, X.; Yin, Z.; Li, J.; Shen, W.	Stem cell-based therapeutic strategies for rotator cuff tendinopathy	2023	Systematic Review
Ward, B. A.; Kowalsky, M. S.	Treatment of race and ethnicity in shoulder and elbow research: An analysis of the most cited papers on rotator cuff repair	2024	Cited papers not provided
Warrender, W. J.; Brown, O. L.; Abboud, J. A.	Outcomes of arthroscopic rotator cuff repairs in obese patients	2011	Mixed Population w/o Stratification: partial and full-thickness tears
Wasker, S. V. Z.; Challoumas, D.; Weng, W.; Murrell, G. A. C.; Millar, N. L.	Is neurogenic inflammation involved in tendinopathy? A systematic review	2023	Systematic Review
Watanabe, A.; Ono, Q.; Nishigami, T.; Hirooka, T.; Machida, H.	Differences in Risk Factors for Rotator Cuff Tears between Elderly Patients and Young Patients	2018	Non-surgical population and not relevant to PICO 3 or 6
Watanabe, K.; Tokumine, J.; Yorozu, T.; Moriyama, K.; Sakamoto, H.; Inoue, T.	Particulate-steroid betamethasone added to ropivacaine in interscalene brachial plexus block for arthroscopic rotator cuff repair improves postoperative analgesia	2016	Irrelevant Topic: Intraop Analgesia
Waterman, B. R.; Dean, R. S.; Naylor, A. J.; Otte, R. S.; Sumner-Parilla, S. A.; Romeo, A. A.; Nicholson, G. P.	Comparative Clinical Outcomes of Reverse Total Shoulder Arthroplasty for Primary Cuff Tear Arthropathy Versus Severe Glenohumeral Osteoarthritis With Intact Rotator Cuff: A Matched-Cohort Analysis	2020	Irrelevant comparison: RTSA for glenohumeral OA w/ intact RC vs. RTSA for RC arthropathy
Waterman, B. R.; Newgren, J.; Richardson, C.; Romeo, A. A.	High Rate of Return to Sporting Activity Among Overhead Athletes With Subpectoral Biceps Tenodesis for Type II SLAP Tear	2023	no comparison group; irrelevant population: SLAP tears
Waterman, F.; Cisternas, M.; Korner, S.; Wilson, A.	Analysis of patient characteristics, health care costs by surgical venue, and opioid utilization for common orthopedic procedures in the United States	2021	Not a randomized controlled trial (See extended note);
Waters, T. L.; Ross, B. J.; Wilder, J. H.; Cole, M. W.; Collins, L. K.; Sherman, W. F.	Is Fluoroquinolone Exposure after Primary Tendon Repair Associated with Higher Rates of Reoperations? A Matched Cohort Study	2023	irrelevant comparison: comparing the rate of operations with antibiotic exposures
Weber, S. C.; Kauffman, J. I.; Parise, C.; Weber, S. J.; Katz, S. D.	Platelet-rich fibrin matrix in the management of arthroscopic repair of the rotator cuff: a prospective, randomized, double-blinded study	2013	Published in 2013, excluded from previous guideline; not relevant to PICO 13
Weekes, D. G.; Campbell, R. E.; Wicks, E. D.; Hadley, C. J.; Chaudhry, Z. S.; Carter, A. H.; Pepe, M. D.; Tucker, B. S.; Freedman, K. B.; Tjousmakaris, F. P.	Do Relaxation Exercises Decrease Pain After Arthroscopic Rotator Cuff Repair? A Randomized Controlled Trial	2021	irrelevant comparison: breathing exercises vs not

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Weir, T. B.; Gilotra, M. N.; Foster, M. J.; Santos, J.; Sykes, J. B.; Kuntz, A. F.; Huffman, G. R.; Glaser, D. L.	Preoperative tendon retraction, not smoking, is a risk factor for failure with continuity after rotator cuff repair	2021	Tear type was unspecified
Weiss-Laxer, N. S.; Pavlesen, S.; Arevalo, A.; Jeffords, J.; Haider, M. N.; Bisson, L. J.	Predictors of Postoperative Patient-Reported Outcome Measure Response Rates Among Patients With Rotator Cuff Repair	2024	irrelevant outcome: response rates
Wellington, I. J.; Davey, A. P.; Mancini, M. R.; Hawthorne, B. C.; Trudeau, M. T.; Uyeki, C. L.; Mazzocca, A. D.	Management of Failed Rotator Cuff Repairs: A Review	2022	systematic review
Weng, P. W.; Chang, W. P.	Influence of body mass index on severity of rotator cuff tears	2023	Tear type was unspecified
Wengert, G. J.; Schmutzer, M.; Bickel, H.; Sora, M. C.; Polanec, S. H.; Weber, M.; Schueller-Weidekamm, C.	Reliability of high-resolution ultrasound and magnetic resonance arthrography of the shoulder in patients with sports-related shoulder injuries	2019	Low Quality upon Appraisal - Keeping only Moderates and Highs for PICO 3
Weninger, V.; Agocs, G.; Kovacs, N.; Vancsa, S.; Hergar, L.; Baek, C. J.; Hegyi, P.; Holnapy, G.; Skaliczki, G.	Hyaluronate acid plus platelet-rich plasma is superior to steroids for pain relief less than 6 months using injection therapy of partial rotator cuff tears: A systematic review and network meta-analysis	2024	Systematic Review; Bib Review Completed
Werner, B. C.; Lederman, E.; Gobezie, R.; Denard, P. J.	Glenoid lateralization influences active internal rotation after reverse shoulder arthroplasty	2021	irrelevant comparison by amount of glenoid lateralization; RSA indication not provided
Werthel, J. D.; Boux de Casson, F.; Walch, G.; Gaudin, P.; Moroder, P.; Sanchez-Sotelo, J.; Chaoui, J.; Burdin, V.	Three-dimensional muscle loss assessment: a novel computed tomography-based quantitative method to evaluate rotator cuff muscle fatty infiltration	2022	irrelevant topic: measuring of fatty infiltration; no relevant outcomes
Werthel, J. D.; Fleurette, J.; Besnard, M.; Favard, L.; Boileau, P.; Bonneville, N.; Nove-Josserand, L.	Long-term results of revision rotator cuff repair for failed cuff repair: a minimum 10-year follow-up study	2023	irrelevant comparison of healed vs torn tendon
Werthel, J. D.; Godeneche, A.; Antoni, M.; Valenti, P.; Chelli, M.; Nove-Josserand, L.; Bonneville, N.	Revision rotator cuff repair: can a Sugaya III tendon considered to be healed or not	2023	No comparison group
Werthel, J. D.; Schoch, B. S.; Hooke, A.; Sperling, J. W.; An, K. N.; Valenti, P.; Elhassan, B.	Biomechanical effectiveness of tendon transfers to restore active internal rotation in shoulder with deficient subscapularis with and without reverse shoulder arthroplasty	2021	Cadaver study

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Werthel, J. D.; Vigan, M.; Schoch, B.; Ladermann, A.; Nourissat, G.; Conso, C.	Superior capsular reconstruction - A systematic review and meta-analysis	2021	systematic review
Westad, K.; Tjoestolvsen, F.; Hebron, C.	The effectiveness of Mulligan's mobilisation with movement (MWM) on peripheral joints in musculoskeletal (MSK) conditions: A systematic review	2019	systematic review
Whelan, G.; Sim, J.; Smith, B.; Moffatt, M.; Littlewood, C.	Are Corticosteroid Injections Associated With Secondary Adrenal Insufficiency in Adults With Musculoskeletal Pain? A Systematic Review and Meta-analysis of Prospective Studies	2022	Systematic Review
Wiater, J. M.; Lee, J. Y. J.; Shields, E. J. W.; Childers, K.; Dery, L.; Koueiter, D.	Humeral Component Version Has No Effect on Outcomes Following Reverse Total Shoulder Arthroplasty: A Prospective, Double-Blinded, Randomized Controlled Trial	2024	Mixed Population w/o Stratification: cuff tear arthropathy, massive RC tear, primary OA w/ (unspecified) cuff tear
Wiater, J. M.; Oshikoya, O.; Shields, E.; Vara, A. D.; Cavinatto, L.; Koueiter, D. M.	Concomitant latissimus dorsi tendon transfer during reverse total shoulder arthroplasty does not improve active external rotation or clinical outcomes in patients with external rotation deficit	2023	unclear patient population (see extended note)
Wilcox, B.; Campbell, R. J.; Low, A. K.; Yeoh, T.	Management of glenoid bone loss in primary reverse shoulder arthroplasty : a systematic review and meta-analysis	2022	systematic review
Willenbring, T. J.; DeVos, M. J.; Warth, R. J.; Gregory, J. M.	Trends in Acromioplasty Utilization During Arthroscopic Rotator Cuff Repair: An Epidemiological Study of 139,586 Patients	2022	irrelevant topic: epidemiologic study of acromioplasty trends
Williams Jr, G.; Kraeutler, M. J.; Zmistowski, B.; Fenlin Jr, J. M.	No difference in postoperative pain after arthroscopic versus open rotator cuff repair	2014	excluded from 2017 guideline - not best available evidence
Williams, B. T.; Redlich, N. J.; Mickschl, D. J.; Grindel, S. I.	Influence of preoperative opioid use on postoperative outcomes and opioid use after arthroscopic rotator cuff repair	2019	not an RCT (retrospective cohort comparison)
Wilson, C. D.; Villamaria, L. J.; Welling, B. D.; Hammonds, K. A.; Robin, B. N.	Resilience correlates with patient-reported outcome measures at a minimum of 2 years after arthroscopic rotator cuff repair	2023	No relevant risk factors analyzed
Wilson, K. W.; Popchak, A.; Li, R. T.; Kane, G.; Lin, A.	Return to sport testing at 6 months after arthroscopic shoulder stabilization reveals residual strength and functional deficits	2020	no comparison group; irrelevant population: labral surgery
Wing, C. W.; Poppe, T.; Bernholt, D. L.; Zhao, Q.; Goedecke, T.; Azar, F. M.; Brolin, T. J.; Throckmorton, T. W.	Outcomes after anatomic total shoulder arthroplasty and reverse total shoulder arthroplasty in patients with long-term disability claims	2022	Mixed Population w/o Stratification: OA, capsulorrhaphy arthropathy, inflammatory arthritis, and rotator cuff arthropathy (without specifying tear type)

Authors	Article Title	Year	Reason for Exclusion
Winkler, S.; Herbst, B.; Kafchitsas, K.; Wohlmuth, P.; Hoffstetter, P.; Rueth, M. J.	Pre-operative Assessment of Shoulder Pathologies on MRI by a Radiologist and an Orthopaedic Surgeon	2024	no relevant outcomes or extractable data
Wirth, B.; Kunz, S.; Schwyzer, H. K.; Flury, M.; Lenz, M.; Audige, L.	Repair of Lafosse I subscapularis lesions brings no benefit in anterosuperior rotator cuff reconstruction	2019	irrelevant population: full or partial thickness SSP tears w/ partial SSC tear
Wise, K. L.; Parikh, H. R.; Okelana, B.; Only, A. J.; Reams, M.; Harrison, A.; Braman, J.; Craig, E.; Cunningham, B. P.	Measurement of value in rotator cuff repair: patient-level value analysis for the 1-year episode of care	2022	cost analysis; tear type was unspecified
Witten, A.; Mikkelsen, K.; Wagenblast Mayntzhusen, T.; Clausen, M. B.; Thorborg, K.; Holmich, P.; Barfod, K. W.	Terminology and diagnostic criteria used in studies investigating patients with subacromial pain syndrome from 1972 to 2019: a scoping review	2023	systematic review
Wolf, M.; Bulhoff, M.; Raiss, P.; Zeifang, F.; Maier, M. W.	Effect of the critical shoulder angle on severe cranialization following total shoulder arthroplasty	2020	no comparison group; no relevant risk factors
Wong, I.; John, R.; Ma, J.; Coady, C. M.	Arthroscopic Anatomic Glenoid Reconstruction Using Distal Tibial Allograft for Recurrent Anterior Shoulder Instability: Clinical and Radiographic Outcomes	2020	No comparison group
Wong, R. Y. L.; Yung, P. S. H.; Leong, H. T.	Isokinetic Fatigue Ratio of Shoulder Rotators in Elite Softball Players With and Without Rotator Cuff Tendinopathy, and its Association With the Subacromial Space	2020	Irrelevant Comparison Group: Healthy Controls; Not relevant to PICOs
Wong, W. K.; Li, M. Y.; Yung, P. S.; Leong, H. T.	The effect of psychological factors on pain, function and quality of life in patients with rotator cuff tendinopathy: A systematic review	2020	systematic review
Woodmass, J. M.; McRae, S. M. B.; Lapner, P. L.; Sasyniuk, T.; Old, J.; Stranges, G.; Dubberly, J.; Verhulst, F. V.; MacDonald, P. B.	Effect of age, gender, and body mass index on incidence and satisfaction of a Popeye deformity following biceps tenotomy or tenodesis: secondary analysis of a randomized clinical trial	2021	Mixed Population w/o Stratification: reparable rotator cuffs, irreparable rotator cuffs, and no rotator cuff tears were included
Woodmass, J. M.; Wagner, E. R.; Borque, K. A.; Chang, M. J.; Welp, K. M.; Warner, J. J. P.	Superior capsule reconstruction using dermal allograft: early outcomes and survival	2019	Irrelevant Population: revisions included
Woodmass, J. M.; Wagner, E. R.; Chang, M. J.; Welp, K. M.; Grubhofer, F.; Higgins, L. D.; Warner, J. J. P.	Arthroscopic lower trapezius tendon transfer provides equivalent outcomes to latissimus dorsi transfer in the treatment of massive posterosuperior rotator cuff tears	2020	80% of patients had prior RCR - PICO 9 states no revisions

Authors	Article Title	Year	Reason for Exclusion
Woodmass, J. M.; Wagner, E. R.; Welp, K. M.; Chang, M. J.; Morissette, M. P.; Higgins, L. D.; Warner, J. J. P.	Partial Rotator Cuff Repair Provides Improved Patient-Reported Outcome Measures Following Superior Capsule Reconstruction (SCR)	2022	Irrelevant population: Medium, large, massive, unlisted tears. Not stratified
Wright, J. O.; Wiggins, W.; Smith, M. S.; King, J. J.; Wright, T. W.	Shoulder Pain and Dysfunction After Vaccination: A Systematic Review	2023	Systematic Review
Wright, M. A.; Keener, J. D.; Chamberlain, A. M.	Comparison of Clinical Outcomes After Anatomic Total Shoulder Arthroplasty and Reverse Shoulder Arthroplasty in Patients 70 Years and Older With Glenohumeral Osteoarthritis and an Intact Rotator Cuff	2020	irrelevant population: primary OA w/ no rotator cuff tear
Wu, H.; Su, W.; Huang, S.; Xiao, Y.; Lu, L.	Correlation Between Pre-Operative Sleep Disturbance and Post-Operative Pain in Patients With Rotator Cuff Tear	2022	tear type was unspecified
Wu, I. T.; Desai, V. S.; Mangold, D. R.; Camp, C. L.; Barlow, J. D.; Sanchez-Sotelo, J.; Dahm, D. L.; Krych, A. J.	Comparable clinical outcomes using knotless and knot-tying anchors for arthroscopic capsulolabral repair in recurrent anterior glenohumeral instability at mean 5-year follow-up	2021	irrelevant population; anterior glenohumeral instability
Wu, S.; Yu, Z.; Lin, W.; Xu, W.; Luo, Y.; Guan, S.	Application of two-dimensional color ultrasonography technology to evaluate the postoperative repair of massive rotator cuff tears after arthroscopic humeral insertion displacement treatment	2024	Irrelevant Topic: Humeral Insertion Displacement Treatment
Wu, W. T.; Lin, J. A.; Chen, L. R.; Sun, W. Z.; Lin, C. P.; Ozcakar, L.; Chang, K. V.	Ultrasound Imaging, Guidance, and Treatment for Shoulder-related Pain Syndrome: A Bibliometric Analysis	2022	Systematic Review
Wu, Y.; Wang, R.; Meng, Q.	Clinical Effect of PRP with DPASB on Full-Thickness Rotator Cuff Tears and Its Role in VAS, SST, and Constant Scores of Patients	2021	irrelevant comparison: PRP and RCR vs. RCR alone
Wu, Z.; Yu, X.; Xiong, J.; Wu, G.; Zuo, Z.; Xie, Q.	Acupuncture and moxibustion therapy for scapulohumeral periarthrititis: Protocol for an overview of systematic reviews and meta-analysis	2020	Study Protocol, no results
Wyles, C. C.; Thiels, C. A.; Hevesi, M.; Ubl, D. S.; Gazelka, H. M.; Turner, N. S., 3rd; Trousdale, R. T.; Pagnano, M. W.; Mabry, T. M.; Habermann, E. B.	Patient Opioid Requirements Are Often Far Less Than Their Discharge Prescription After Orthopaedic Surgery: the Results of a Prospective Multicenter Survey	2021	irrelevant topic: patient opioid requirements following discharge; mixed population
Wylie, J. D.; Bershadsky, B.; Iannotti, J. P.	The effect of medical comorbidity on self-reported shoulder-specific health related quality of life in patients with shoulder disease	2010	mixed population w/o stratification: rotator cuff pathology, osteoarthritis, or a mix of both, also preop outcomes

Authors	Article Title	Year	Reason for Exclusion
Xiang, M.; Yang, J.; Chen, H.; Hu, X.; Zhang, Q.; Li, Y.; Jiang, C.	Arthroscopic Autologous Scapular Spine Bone Graft Combined With Bankart Repair for Anterior Shoulder Instability With Subcritical (10%-15%) Glenoid Bone Loss	2021	no comparison group; irrelevant population (rotator cuff tear excluded)
Xiang, X. N.; Deng, J.; Liu, Y.; Yu, X.; Cheng, B.; He, H. C.	Conservative treatment of partial-thickness rotator cuff tears and tendinopathy with platelet-rich plasma: A systematic review and meta-analysis	2021	systematic review
Xiangyu, L.	The influence of acupuncture and moxibustion on shoulder joint function, inflammatory factor levels and negative emotions in patients of varying ages who had undergone rotator cuff repair	2023	Not a randomized controlled trial; PICO 4 is RCT only update
Xiao, A. X.; Karzon, A. L.; Hussain, Z. B.; Khawaja, S. R.; McGinley, B. M.; Ahmed, A. S.; Gottschalk, M. B.; Wagner, E. R.	Variation in scapulohumeral rhythm on dynamic radiography in pathologic shoulders: a novel diagnostic tool	2023	healthy control group
Xiao, M.; Cohen, S. A.; Cheung, E. V.; Abrams, G. D.; Freehill, M. T.	Arthroscopic Single and Double Row Repair of Isolated and Combined Subscapularis Tears Result in Similar Improvements in Outcomes: A Systematic Review	2022	systematic review
Xiao, M.; Cohen, S. A.; Cheung, E. V.; Sherman, S. L.; Abrams, G. D.; Freehill, M. T.	Limited Biomechanical Evidence Behind Single Row Versus Double Row Repair of Subscapularis Tears: A Systematic Review	2022	Systematic Review; Bib Review Completed
Xiao, Q.; Quan, X.; Hu, S.; Xiao, Y.; Wu, J.; Nie, M.	A comparison between knotted and knotless medial row of suture bridge technique in arthroscopic rotator cuff repair surgery: a meta-analysis	2023	systematic review
Xie, L.; Xu, X.; Ma, B.; Liu, H.	A high acromion-greater tuberosity impingement index increases the risk of retear after arthroscopic rotator cuff repair	2022	irrelevant comparison by type of retear; no relevant risk factors
Xie, Y.; Liu, S.; Qiao, Y.; Hu, Y.; Zhang, Y.; Qu, J.; Shen, Y.; Tao, H.; Chen, S.	Quantitative T2 mapping-based tendon healing is related to the clinical outcomes during the first year after arthroscopic rotator cuff repair	2021	Irrelevant comparison: vs. healthy controls
Xie, Y.; Liu, S.; Qu, J.; Wu, P.; Tao, H.; Chen, S.	Quantitative Magnetic Resonance Imaging UTE-T2 Mapping of Tendon Healing After Arthroscopic Rotator Cuff Repair: A Longitudinal Study	2020	irrelevant comparison group: healthy controls
Xin, L.; Luo, J.; Chen, M.; He, B.; Tang, B.; Tang, C.; Zhang, D.; Zhang, L.	Anatomy and Correlation of the Coracoid Process and Coracoclavicular Ligament Based on Three-Dimensional Computed Tomography Reconstruction and Magnetic Resonance Imaging	2021	irrelevant topic: anatomy of coracoid process; no relevant outcomes
Xu, B.; Chen, L.; Zou, J.; Gu, Y.; Hao, L.; Peng, K.	The Clinical Effect of Arthroscopic Rotator Cuff Repair techniques: A Network Meta-Analysis and Systematic Review	2019	systematic review

Authors	Article Title	Year	Reason for Exclusion
Xu, C.; Gu, F.; Liu, Y.; Chen, R.; Wang, C.; Lu, J.	The median effective analgesic concentration of ropivacaine in ultrasound-guided interscalene brachial plexus block after arthroscopic rotator cuff repair	2022	not relevant: MEAC from the four different methods (linear, linear-logarithmic, exponential regressions and centered isotonic regression)
Xu, D.; Shi, Y.; Luo, P.; Wang, W.; Guo, W.; Lou, W.; Chen, J.	Influential factors of subacromial impingement syndrome after hook plate fixation for acromioclavicular joint dislocation: A retrospective study	2021	Irrelevant population: patients with SIS
Xu, D.; Song, R.; Zhu, T.; Tu, J.; Zhang, D.	Quantitative Evaluation of Rotator Cuff Tears Based on Non-linear Statistical Analysis of Ultrasound Radiofrequency Signals	2021	Low Quality upon Appraisal - Keeping only Moderates and Highs for PICO 3
Xu, H.; Zhang, Y.; Wang, C.	Ultrasound-guided hydrodilatation of glenohumeral joint combined with acupotomy for treatment of frozen shoulder	2022	irrelevant comparison: acupotomy vs. no acupotomy
Xu, J.; Liu, B.; Han, K.; Ye, Z.; Zhang, X.; Qiao, Y.; Jin, Y.; Jiang, J.; Su, W.; Li, Y.; Zhao, J.	The Modified Assessment Tool Based on Scapular Y-View for Global Fatty Infiltration in the Supraspinatus Muscle: Correlation, Predictive Performance, and Reliability Analyses	2023	Irrelevant Topic: Assessment Tools for Global Fatty Infiltration Prior to Surgery
Xu, M.; Li, Z.; Zhou, Y.; Ji, B.; Tian, S.; Chen, G.	Correlation between acromiohumeral distance and the severity of supraspinatus tendon tear by ultrasound imaging in a Chinese population	2020	No relevant outcomes
Xu, W.; Wang, F.; Xue, Q.	Identifying key factors associated with subscapularis tendon tears and developing a risk prediction model to assist diagnosis	2022	irrelevant topic: risk factors for tendon tears
Xu, W.; Xue, Q.	Application of Platelet-Rich Plasma in Arthroscopic Rotator Cuff Repair: A Systematic Review and Meta-analysis	2021	systematic review
Xue, X.; Song, Q.; Yang, X.; Kuati, A.; Fu, H.; Cui, G.	Effect of extracorporeal shockwave therapy for rotator cuff tendinopathy: a systematic review and meta-analysis	2024	Systematic Review; Bib Review Completed
Xue, X.; Xiao, C.; Song, Q.; Kuati, A.; Zhou, X.; Cui, G.	Arthroscopic Surgery Combined With Platelet-Rich Plasma Does Not Significantly Improve Pain, Function, Complications, and Retear Rate Compared With Arthroscopic Surgery Alone for Full-Thickness Rotator Cuff Tears: A Systematic Review and Meta-analysis	2024	Systematic Review; Bib Review Completed
Yaari, L. S.; Nicholas, S. J.; Bedford, B. B.; Mendez-Zfass, M. S.; Hogan, D. E.; Haviv, B.; McHugh, M. P.	Influence of Pain Sensitivity on Surgical Outcomes of Arthroscopic Rotator Cuff Repair: A Prospective Cohort Study	2023	mixed population w/o stratification; irrelevant risk factor: pain sensitivity
Yadav, N.; Devgan, A.; Yadav, U.; Kumar, R.; Tiwari, C.; Siwach, R.; Kant, U.; Yadav, M.	A RETROSPECTIVE STUDY TO EVALUATE FUNCTIONAL OUTCOME AFTER ARTHROSCOPIC ROTATOR CUFF REPAIR USING SINGLE-ROW TECHNIQUE	2023	No comparison group; Inadequate follow-up time (6 mos)

Authors	Article Title	Year	Reason for Exclusion
YaDeau, J. T.; Soffin, E. M.; Tseng, A.; Zhong, H.; Dines, D. M.; Dines, J. S.; Gordon, M. A.; Lee, B. H.; Kumar, K.; Kahn, R. L.; Kirksey, M. A.; Schweitzer, A. A.; Gulotta, L. V.	A Comprehensive Enhanced Recovery Pathway for Rotator Cuff Surgery Reduces Pain, Opioid Use, and Side Effects	2021	Not a randomized controlled trial
Yamak, K.; Karahan, H. G.; Altay, T.; Kayali, C.; Ozan, F.	Is Subacromial Balloon Spacer Appropriate for Treatment of Irreparable Rotator Cuff Tears in Elderly Patients?	2019	Small Sample Size: 11 total patients
Yamakado, K.	Efficacy of arthroscopically placed pain catheter adjacent to the suprascapular nerve (continuous arthroscopically assisted suprascapular nerve block) following arthroscopic rotator-cuff repair	2014	Irrelevant Comparison: types of block being compared. Same medication/dosage for both blocks. Group 1 (n=21): Interscalene nerve block (ISB) continuous arthroscopically assisted (ca-) suprascapular nerve block (ISB + ca-SSNB): 0.2% ropivacaine Group 2 (n=19): Continuous subacromial bursal block (SAB): 0.2% ropivacaine
Yamaura, K.; Fujibayashi, I.; Kurosawa, T.; Mifune, Y.; Inui, A.; Ozaki, T.; Mitani, M.	Timing of retears after arthroscopic rotator cuff repair and associated factors: a retrospective analysis	2023	no comparison group; no relevant risk factors
Yamaura, K.; Mifune, Y.; Inui, A.; Nishimoto, H.; Mukohara, S.; Yoshikawa, T.; Shinohara, I.; Kato, T.; Furukawa, T.; Hoshino, Y.; Matsushita, T.; Kuroda, R.	Sex Is Associated with the Success or Failure of Manipulation Alone for Joint Stiffness Associated with Rotator Cuff Repair	2022	irrelevant comparison: manipulation + capsular release vs. manipulation alone
Yang, D. S.; Molla, V.; Daniels, A. H.; Paxton, E. S.; Green, A.	The Effect of Concurrent Cervical Spine Degenerative Disease on the Outcome of Rotator Cuff Repair: A National Database Study	2023	Tear type was unspecified
Yang, F. A.; Liao, C. D.; Wu, C. W.; Shih, Y. C.; Wu, L. C.; Chen, H. C.	Effects of applying platelet-rich plasma during arthroscopic rotator cuff repair: a systematic review and meta-analysis of randomised controlled trials	2020	systematic review
Yang, G.; Li, S.; Jiang, C.; Zhang, H.; Lu, Y.	The role of bone marrow stimulation in rotator cuff repair: a systematic review and meta-analysis	2023	systematic review
Yang, H.; Lee, S.; Shin, S. J.	Satisfactory functional and structural outcomes of anterior cable reconstruction using the proximal biceps tendon for large retracted rotator cuff tears	2023	No comparison group - all patients underwent arthroscopic anterior cable reconstruction using the proximal biceps tendon
Yang, J.; Wang, S.; Liu, L.; Shao, Y.; Wang, J.	The analgesic effect and safety of preoperative versus postoperative administration of celecoxib in patients who underwent arthroscopic rotator cuff repair: a randomized, controlled study	2022	irrelevant comparison: pre-op celoxib vs. post-op celoxib

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Yang, L.; Zhang, J.; Ruan, D.; Zhao, K.; Chen, X.; Shen, W.	Clinical and Structural Outcomes After Rotator Cuff Repair in Patients With Diabetes: A Meta-analysis	2020	systematic review
Yang, P.; Wang, C.; Zhang, D.; Zhang, Y.; Yu, T.; Qi, C.	Comparison of clinical outcome of decompression of suprascapular nerve at spinoglenoid notch for patients with posterosuperior massive rotator cuff tears and suprascapular neuropathy	2021	irrelevant comparison: decompression of suprascapular nerve at spinoglenoid notch vs. not
Yang, T. H.; Lin, M. H.; Kuo, L. T.; Hsu, W. H.; Yu, P. A.; Chen, C. L.; Tsai, Y. H.	Suprascapular nerve release does not provide additional benefits in arthroscopic rotator cuff repair surgery: a systematic review and meta-analysis	2023	systematic review
Yang, Y. S.; Shih, C. A.; Fang, C. J.; Huang, T. T.; Hsu, K. L.; Kuan, F. C.; Su, W. R.; Hong, C. K.	Biomechanical comparison of different suture anchors used in rotator cuff repair surgery-all-suture anchors are equivalent to other suture anchors: a systematic review and network meta-analysis	2023	Systematic Review; Bib Review Completed
Yang, Y.; Hu, D.; Chen, S.; Guan, S.; Shang, X.	Transtendon technique versus repair after completion of the tear for articular-sided partial rotator cuff tear: a meta-analysis of comparative studies	2023	systematic review
Yang, Y.; Qu, J.	The effects of hyperlipidemia on rotator cuff diseases: a systematic review	2018	Systematic Review; All reviewed articles published b4 previous guideline.
Yang, Z.; Chen, W.; Liang, J.; Liu, T.; Zhang, B.; Wang, X.; Yang, X.; Fang, S.; Daoji, C.; Yin, X.; Jiang, J.; Yun, X.	Association of obesity with high retears and complication rates, and low functional scores after rotator cuff repair: a systematic review and meta-analysis	2023	systematic review
Yang, Z.; Zhang, M.; Liu, T.; Zhang, B.; Wang, X.; Liang, J.; Jiang, J.; Yun, X.	Does the Fatty Infiltration Influence the Re-tear Rate and Functional Outcome After Rotator Cuff Repair? A Systematic Review and Meta-analysis	2023	systematic review
Yanik, E. L.; Colditz, G. A.; Wright, R. W.; Saccone, N. L.; Evanoff, B. A.; Jain, N. B.; Dale, A. M.; Keener, J. D.	Risk factors for surgery due to rotator cuff disease in a population-based cohort	2020	irrelevant topic: risk factors for surgery
Yanke, A. B.; Huddleston, H. P.; Forlenza, E. M.; Mehta, N.; Laux, D.; Parvaresh, K. C.; Cole, B. J.; Verma, N. N.; Forsythe, B.	Two-Year Clinical Outcomes and Survivorship After Isolated Biceps Tenodesis	2022	no comparison group; not relevant to risk factors (revision surgeries included)
Yao, J.; Chepelev, L.; Nisha, Y.; Sathiadoss, P.; Rybicki, F. J.; Sheikh, A. M.	Evaluation of a deep learning method for the automated detection of supraspinatus tears on MRI	2022	Irrelevant Topic: Deep Learning for Diagnosis
Yao, L.; Li, Y.; Li, T.; Pang, L.; Li, J.; Tang, X.	One-stage rotator cuff repair in stiff shoulders shows comparable range of motion, clinical outcome and retear rates to non-stiff shoulders: a systematic review	2023	systematic review

Authors	Article Title	Year	Reason for Exclusion
Yao, L.; Zhao, X.; Mei, L.; Li, Y.; Pang, L.; Zhang, C.; Li, J.; Tang, X.	Dyslipidemia may impact initial recovery following arthroscopic rotator cuff repair: a retrospective study	2024	> 50% lost to follow-up (280 of 432 = 65%)
Yazdani, A. N.; Rai, V.; Agrawal, D. K.	Rotator Cuff Health, Pathology, and Repair in the Perspective of Hyperlipidemia	2022	Systematic Review
Yazigi Junior, J. A.; Anauate Nicolao, F.; Archetti Netto, N.; Matsunaga, F. T.; Lim Lee, J. H.; Torres Ogata, S. Y.; Sugawara, L. M.; Aihara, A. Y.; Sugawara Tamaoki, M. J.	Magnetic resonance imaging reproducibility for rotator cuff partial tears in patients up to 60 years	2019	no reference standard, no outcomes of interest
Yeazell, S.; Lutz, A.; Bohon, H.; Shanley, E.; Thigpen, C. A.; Kissenberth, M. J.; Pill, S. G.	Increased stiffness and reoperation rate in partial rotator cuff repairs treated with a bovine patch: a propensity-matched trial	2022	Irrelevant Comparison: Augmentation vs. No Augmentation
Yedulla, N. R.; Mehta, N.; Bernstein, D. N.; Cross, A. G.; Elhage, K. G.; Moutzouros, V.; Makhni, E. C.	When Do Patients Achieve PROMIS Milestones After Rotator Cuff Repair?	2024	Tear type was unspecified
Yee, J. S.; Choi, J. K.; Kim, K. T.; Lee, H. W.; Lee, Y. B.	Reinforcement Techniques in Arthroscopic Repair of Large-to-Massive Rotator Cuff Tears: A Comparative Study of Superior Capsule Reconstruction and Patch Graft Augmentation	2024	irrelevant comparison: SCR vs. patch graft augmentation
Yen, W. W.; Cloud, G. W.; Roscoe Wasserburg, J.; Penny, G. S.; Day, L. M.; Pascal, S. C.; Andelman, S. M.; Von Keudell, A. G.; Suneja, N.	A Systematic Review of the Management of Upper Extremity Orthopaedic Injuries in Epileptic Patients	2022	Irrelevant papers within systematic review
Yendluri, A.; Alexanian, A.; Lee, A. C.; Megafu, M. N.; Levine, W. N.; Parsons, B. O.; Kelly, J. D. th; Parisien, R. L.	The Variability of MCID, SCB, PASS, and MOI Thresholds for PROMs in the Reverse Total Shoulder Arthroplasty Literature: A Systematic Review	2024	Systematic Review, Bib Review Complete
Yeung, M.; Shin, J. J.; Lesniak, B. P.; Lin, A.	Complications of Arthroscopic Versus Open Biceps Tenodesis in the Setting of Arthroscopic Rotator Cuff Repairs: An Analysis of the American Board of Orthopaedic Surgery Database	2020	Tear type was unspecified
Yi, D.; Lim, H.; Yim, J.	Effect of Microcurrent Stimulation on Pain, Shoulder Function, and Grip Strength in Early Post-Operative Phase after Rotator Cuff Repair	2021	irrelevant comparison: Microcurrent stimulation vs. sham
Yi, G.; Yang, J.; Zhang, L.; Liu, Y.; Guo, X.; Fu, S.	Small-incision open distal subpectoral vs. arthroscopic proximal biceps tenodesis for biceps long head tendon lesions with repair of rotator cuff tears	2020	irrelevant comparison: open distal subpectoral tenodesis vs. arthroscopic proximal biceps tenodesis

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Yiannakopoulos, C. K.; Vlastos, I.; Theotokatos, G.; Galanis, N.	Acromioclavicular joint arthritis is not an indication for routine distal clavicle excision in arthroscopic rotator cuff repair	2021	irrelevant comparison: symptomatic acromioclavicular joint osteoarthritis vs. asymptomatic ACJ OA
Yildiz, F.; Bilsel, K.; Pulatkan, A.; Uzer, G.; Aralasmak, A.; Atay, M.	Reliability of magnetic resonance imaging versus arthroscopy for the diagnosis and classification of superior glenoid labrum anterior to posterior lesions	2017	Irrelevant Outcomes: SLAP lesions
Yildiz, K. I.; Kizkapan, T. B.	Comparison of rehabilitation programs after arthroscopic rotator cuff repair in terms of timing	2021	Not a randomized controlled trial; PICO 4 is RCT only update
Yilmaz, E.	A prospective, comparative study of subacromial corticosteroid injection and subacromial corticosteroid injection plus suprascapular nerve block in patients with shoulder impingement syndrome	2021	irrelevant comparison: SCI + Nerve block vs. SCI (aka nerve block vs. control)
Yin, C.; Sing, D. C.; Curry, E. J.; Abdul-Rassoul, H.; Galvin, J. W.; Eichinger, J. K.; Li, X.	The effect of race on early perioperative outcomes after shoulder arthroplasty: A propensity score matched analysis	2019	Mixed Population w/o Stratification: OA, cuff arthropathy, Avascular necrosis, revision arthroplasty and trauma
Yin, W.; Yin, C.; Wang, W.; Peng, R.; Su, L.; Li, P.	Effects of propofol versus sevoflurane on surgical field visibility during arthroscopic rotator cuff repair: a randomized trial	2024	irrelevant comparison: sevoflurane vs. propofol (no opioid)
Yogun, Y.; Armangil, M.; Basat, H. C.	The Effect of Acromial Morphology on the Functional Outcomes of Degenerative Rotator Cuff Tear Surgery	2022	irrelevant comparison: CSA ≤ 38 degrees vs CSA >38 degrees
Yogun, Y.; Bezirgan, U.; Dursun, M.; Armangil, M.	Is biceps tenodesis necessary when performing arthroscopic rotator cuff repair in patients older than 55 years?	2023	Mixed Population w/o Stratification: partial and full thickness tears
Yokoya, S.; Harada, Y.; Negi, H.; Matsushita, R.; Matsubara, N.; Adachi, N.	Arthroscopic Rotator Cuff Repair With Muscle Advancement and Artificial Biodegradable Sheet Reinforcement for Massive Rotator Cuff Tears	2020	patients with OA and RA included- results not stratified
Yokoya, S.; Nakamura, Y.; Harada, Y.; Ochi, M.; Adachi, N.	Outcomes of arthroscopic rotator cuff repair with muscle advancement for massive rotator cuff tears	2019	Irrelevant Comparison: Muscle Advancement vs. Control
Yoo, D. H.; Choi, J. Y.; Lee, S. G.; Choi, K. W.; Park, H. B.; Kim, H.; Cho, H.; Kim, S. D.; Kim, D.; Lee, Y. J.; Park, K. S.; Ha, I. H.	Long-Term Follow-Up of Inpatients with Rotator Cuff Tear Who Received Integrative Korean Medicine Treatment: A Retrospective Analysis and Questionnaire Survey	2023	no comparison group; irrelevant topic: integrative Korean medicine
Yoon, J. P.; Jung, J. W.; Lee, C. H.; Kim, Y. G.; Chung, S. W.; Kim, J. Y.; Lee, H. J.; Yoon, J. W.; Lee, H.	Fatty Degeneration of the Rotator Cuff Reflects Shoulder Strength Deficits in Patients With Rotator Cuff Tears	2018	irrelevant topic: correlation of fatty degeneration and preop strength deficits
Yoon, J. P.; Kim, D. H.; Yoon, J. W.; Jung, Y.; Park, K. H.; Lee, J.; Chung, S. W.	Superior capsular reconstruction using hybrid graft for irreparable massive rotator cuff tear	2023	No comparison group - all patients underwent SCR using a hybrid graft

Authors	Article Title	Year	Reason for Exclusion
Yoon, J. Y.; Park, J. H.; Kim, Y. S.; Shin, S. J.; Yoo, J. C.; Oh, J. H.	Effect of tranexamic acid on blood loss after reverse total shoulder arthroplasty according to the administration method: a prospective, multicenter, randomized, controlled study	2020	irrelevant comparison: comparing TXA administration method
Yoon, J. Y.; Park, J. H.; Lee, K. J.; Kim, H. S.; Rhee, S. M.; Oh, J. H.	The effect of postoperatively applied far-infrared radiation on pain and tendon-to-bone healing after arthroscopic rotator cuff repair: a clinical prospective randomized comparative study	2020	Irrelevant Comparison: Far-Infrared Radiation vs. Control
Yoon, T. H.; Kim, S. J.; Choi, Y. R.; Cho, J. T.; Chun, Y. M.	Arthroscopic Revision Rotator Cuff Repair: The Role of Previously Neglected Subscapularis Tears	2021	No comparison group
Yoon, T. H.; Kim, S. J.; Choi, Y. R.; Kang, K. T.; Chun, Y. M.	Age, Tear Size, Extent of Retraction, and Fatty Infiltration Associated With a High Chance of a Similar Rotator Cuff Tear in the Contralateral Shoulder Regardless of Symptoms in Patients Undergoing Cuff Repair in the Index Shoulder	2023	irrelevant topic: risk of bilaterality of tear
Yoon, T. H.; Kim, S. J.; Choi, Y. R.; Kim, D. S.; Chun, Y. M.	Incomplete footprint coverage under tension in repair of isolated supraspinatus full-thickness tear	2021	irrelevant comparison: repair w/ vs. w/o tension for medium tears
Yoon, T. H.; Kim, S. J.; Choi, Y. R.; Shin, J. C.; Alruwaili, S. H.; Chun, Y. M.	Anterior rotator cable disruption does not affect outcomes in rotator cuff tear with subscapularis involvement	2021	Irrelevant Comparison: tear configuration (anteroposterior vs. subscapularis)
Yoon, W. Y.; Park, J. Y.; Park, H. K.; Noh, Y. M.; Lee, T. H.; Kim, T. S.; Chung, S. W.	Returning to golf after rotator cuff repair	2023	no comparison group; return to golf as outcome- only golfers included
Yoon, Y. S.; Cha, J. G.	MRI Findings of Periarticular Lesions with Isolated Greater Tubercle Fractures and Dislocation	2023	Small sample size: 16 total patients
Yoshida, K.; Itoigawa, Y.; Wada, T.; Maruyama, Y.; Nojiri, H.; Kawasaki, T.; Kaneko, K.	Association of Superoxide-Induced Oxidative Stress With Rotator Cuff Tears in Human Patients	2020	irrelevant topic: association of superoxide-induced oxidative stress with RC tears
Yoshida, Y.; Matsumura, N.; Yamada, Y.; Yamada, M.; Yokoyama, Y.; Matsumoto, M.; Nakamura, M.; Nagura, T.; Jinzaki, M.	Evaluation of three-dimensional acromiohumeral distance in the standing position and comparison with its conventional measuring methods	2020	Irrelevant Population: Healthy Volunteers
Yoshioka, C.; Suenaga, N.; Oizumi, N.; Yamane, S.; Hisada, Y.; Matsushashi, T.; Miyoshi, N.; Kawamata, J.	Long-term outcomes of hemiarthroplasty using a smaller head combined with rotator cuff reconstruction in patients with cuff-tear arthropathy	2024	irrelevant population for risk factors: cuff tear arthropathy; no intervention comparison
You, T.; Wu, S.; Ou, X.; Liu, Y.; Wang, X.	A network meta-analysis of arthroscopic rotator cuff repair	2023	systematic review, bib review complete

Authors	Article Title	Year	Reason for Exclusion
Youderian, A. R.; Greene, A. T.; Polakovic, S. V.; Davis, N. Z.; Parsons, M.; Papandrea, R. F.; Jones, R. B.; Byram, I. R.; Gobbato, B. B.; Wright, T. W.; Flurin, P. H.; Zuckerman, J. D.	Two-year clinical outcomes and complication rates in anatomic and reverse shoulder arthroplasty implanted with Exactech GPS intraoperative navigation	2023	irrelevant comparison: intraop navigation vs. non-navigated; mixed population
Youn, S. M.; Lee, H. S.; Rhee, S. M.; Rhee, Y. G.	Medialized vs. lateralized humeral implant in reverse total shoulder arthroplasty: the comparison of outcomes in pseudoparalysis with massive rotator cuff tear	2022	mixed population w/ and w/o arthropathy
Youn, S. M.; Rhee, Y. G.; Rhee, S. M.	Nontendinous healing after repairing of retracted rotator cuff tear: an imaging study	2021	irrelevant comparison by healing type
Young, B. L.; Bitzer, A.; Odum, S.; Hamid, N.; Shiffert, S.; Connor, P. M.	Healthcare costs of failed rotator cuff repairs	2023	cost analysis
Young, B. L.; Connor, P. M.; Schiffer, S. C.; Roberts, K. M.; Hamid, N.	Reverse shoulder arthroplasty with and without latissimus and teres major transfer for patients with combined loss of elevation and external rotation: a prospective, randomized investigation	2020	less than 10 patients per group at relevant follow up points
Young, S. W.; Zhu, M.; Walker, C. G.; Poon, P. C.	Comparison of functional outcomes of reverse shoulder arthroplasty with those of hemiarthroplasty in the treatment of cuff-Tear arthropathy a matched-Pair Analysis	2013	Duplicate AAOS ID to 15179 (which was already included)
Yu, J. F.; Xie, P.; Liu, K. F.; Sun, Y.; Zhang, J.; Zhu, H.; Chen, Y. H.	Identification of Diagnostic Magnetic Resonance Imaging Findings in 47 Shoulders with Subcoracoid Impingement Syndrome by Comparison with 100 Normal Shoulders	2022	healthy control group
Yu, X. K.; Cao, J. X.; Li, L.; Guo, W. B.; Zhang, L.; Li, J. X.	The correlation between types of posterior upper rotator cuff tears and intramuscular fat infiltration based on magnetic resonance imaging: A retrospective observational study	2022	irrelevant topic: correlation of tear and clinical factors; no relevant outcomes
Yuri, T.; Mura, N.; Hoshikawa, K.; Giambini, H.; Fujii, H.; Kiyoshige, Y.	Influence of fat infiltration, tear size, and post-operative tendon integrity on muscle contractility of repaired supraspinatus muscle	2022	No outcomes of interest
Zabrzynski, J.; Huri, G.; Gagat, M.; Lapaj, L.; Yatağanbaba, A.; Szwedowski, D.; Askin, M.; Paczesny, L.	The Impact of Smoking on Clinical Results Following the Rotator Cuff and Biceps Tendon Complex Arthroscopic Surgery	2021	Mixed Population w/o Stratification: partial and full-thickness tears
Zabrzynski, J.; Paczesny, L.; Lapaj, L.; Zabrzynska, A.; Szwedowski, D.	The surgical treatment of the long head of biceps tendon and the autotenodesis phenomenon: an ultrasound and arthroscopic study	2020	Irrelevant population: tear types not provided, inclusion criteria not stratified, no outcomes/comparison of interest
Zadro, J.; Rischin, A.; Johnston, R. V.; Buchbinder, R.	Image-guided glucocorticoid injection versus injection without image guidance for shoulder pain	2021	systematic review, bib review complete

Authors	Article Title	Year	Reason for Exclusion
Zaid, M. B.; Young, N. M.; Pedoia, V.; Feeley, B. T.; Ma, C. B.; Lansdown, D. A.	Anatomic shoulder parameters and their relationship to the presence of degenerative rotator cuff tears and glenohumeral osteoarthritis: a systematic review and meta-analysis	2019	systematic review
Zaid, M. B.; Young, N. M.; Pedoia, V.; Feeley, B. T.; Ma, C. B.; Lansdown, D. A.	Radiographic shoulder parameters and their relationship to outcomes following rotator cuff repair: a systematic review	2021	systematic review
Zakko, P.; Scheiderer, B.; Beitzel, K.; Shoji, M.; Williams, A.; DiVenere, J.; Cote, M. P.; Mazzocca, A. D.; Imhoff, F. B.	Does quality of life influence retear rate following arthroscopic rotator cuff repair?	2019	See extended note. This paper is a secondary analysis of an RCT that has already been appraised and included: AAOS ID 15058
Zampeli, F.; Kazum, E.; Fadhel, B. W.; Gomez, A. J.; Valenti, P.	Medialized rotator cuff repair for retracted, massive, postero superior tears: Clinical and radiological outcomes	2023	Less than 10 patients per group (n=8, n=14)
Zastrow, R. K.; London, D. A.; Parsons, B. O.; Cagle, P. J.	Superior Capsule Reconstruction for Irreparable Rotator Cuff Tears: A Systematic Review	2019	Systematic Review; Bib Review Completed
Zdravkovic, V.; Alexander, N.; Wegener, R.; Spross, C.; Jost, B.	How Do Scapulothoracic Kinematics During Shoulder Elevation Differ Between Adults With and Without Rotator Cuff Arthropathy?	2020	irrelevant comparison group: healthy volunteers
Zeeni, C.; Abou Daher, L.; Shebbo, F. M.; Madi, N.; Sadek, N.; Baydoun, H.; Al-Taki, M.; Aouad, M. T.	Predictors of postoperative pain, opioid consumption, and functionality after arthroscopic shoulder surgery: A prospective observational study	2022	mixed surgeries/population w/o stratification by relevant risk factors
Zhan, H.; Teng, F.; Liu, Z.; Yi, Z.; He, J.; Chen, Y.; Geng, B.; Xia, Y.; Wu, M.; Jiang, J.	Artificial Intelligence Aids Detection of Rotator Cuff Pathology: A Systematic Review	2023	systematic review
Zhang, C.; Li, Q.; Li, F.; Zhang, Y.; Tang, Y.; Hou, J.; Yang, R.	Post-arthroscopic rotator cuff repair rehabilitation booklet: A patient-based evaluation	2020	irrelevant topic; patient education after ARCR- booklet readability
Zhang, H. N.; Chen, J. G.; Wang, X. Y.; Fan, S.; Bao, A.; Li, H. N.; Wang, J. G.	Efficacy comparison between acupuncture and other modalities in the treatment of rotator cuff diseases: meta-analysis of randomized controlled trials	2024	Systematic Review; Bib Review Completed
Zhang, J. C.; Tang, X. Y.; Zhang, Q.; Wang, X. P.; Guo, Z. C.; He, Y.	Mid-Term Outcomes of Arthroscopic Rotator Cuff Repair in Patients with Rheumatoid Arthritis	2023	Very low quality
Zhang, J.; Zhong, S.; Tan, T.; Li, J.; Liu, S.; Cheng, R.; Tian, L.; Zhang, L.; Wang, Y.; Liu, F.; Zhou, P.; Ye, X.	Comparative Efficacy and Patient-Specific Moderating Factors of Nonsurgical Treatment Strategies for Frozen Shoulder: An Updated Systematic Review and Network Meta-analysis	2021	Systematic Review
Zhang, K.; Crum, R. J.; Samuelsson, K.; Cadet, E.; Ayeni, O. R.; de Sa, D.	In-Office Needle Arthroscopy: A Systematic Review of Indications and Clinical Utility	2019	systematic review

Authors	Article Title	Year	Reason for Exclusion
Zhang, K.; de Sa, D.; Kanakamedala, A.; Sheean, A. J.; Vyas, D.	Management of Concomitant Preoperative Rotator Cuff Pathology and Adhesive Capsulitis: A Systematic Review of Indications, Treatment Approaches, and Outcomes	2019	Systematic Review; All reviewed articles published b4 previous guideline.
Zhang, K.; Xia, Q.; Lai, S.; Li, J.; Fu, W.	A Scoping Review of Postoperative Rehabilitation Protocols After Superior Capsular Reconstruction for Irreparable Rotator Cuff Tears	2022	systematic review
Zhang, L.; Zhu, Y.; Xu, T.; Fu, W.	Bone marrow stimulation in arthroscopic rotator cuff repair is a cost-effective and straightforward technique to reduce retear rates: A systematic review and meta-analysis	2023	systematic review, bib review complete
Zhang, M.; Chen, D.; Wu, R.; Chen, D.; Lai, J.	Outcomes of and factors influencing the arthroscopic treatment of rotator cuff injury with the patient in the lateral-lying and beach chair positions	2021	Irrelevant comparison: lateral lying position vs. beach chair position in patients undergoing arthroscopy
Zhang, M.; Yang, Z.; Zhang, B.; Liu, T.; Jiang, J.; Yun, X.	Does the critical shoulder angle decrease after acromioplasty? A systematic review and meta-analysis	2022	systematic review
Zhang, M.; Zhou, J.; Zhang, Y.; Zhang, X.; Chen, J.; Chen, W.	Influence of Scapula Training Exercises on Shoulder Joint Function After Surgery for Rotator Cuff Injury	2020	irrelevant comparison: conventional therapy + scapular exercises vs. conventional therapy
Zhang, T.; Ajayi, A.; Hajjar, M.; Fleckenstein, C. M.; Nolan, J.; Hasan, S. S.	Arthroscopic Repair of Retracted Large and Massive Rotator Cuff Tears With and Without Augmentation With a Bio-Inductive Collagen Implant Reveals Substantial and Comparable Clinical Improvement	2024	Very Low Quality on Quality Appraisal
Zhang, T.; Duan, Y.; Chen, J.; Chen, X.	Efficacy of ultrasound-guided percutaneous lavage for rotator cuff calcific tendinopathy: A systematic review and meta-analysis	2019	systematic review
Zhang, T.; Wang, Y.; Ding, L.; Ma, C.	Efficacy of hypertonic dextrose proliferation therapy in the treatment of rotator cuff lesions: a meta-analysis	2024	Systematic Review; Bib Review Completed
Zhang, X.; Wang, D.; Wang, Z.; Ling, S. K.; Yung, P. S.; Tuan, R. S.; Ker, D. F. E.	Clinical perspectives for repairing rotator cuff injuries with multi-tissue regenerative approaches	2022	Systematic Review
Zhang, Y.; Zhang, Y.; Ma, M.; Chen, J.	The Relationship Between Shoulder Impingement Syndrome and Coracoacromial Ligament Degeneration a Predictive Factor for Shoulder Acromioplasty	2024	irrelevant topic: CAL degeneration as predictor of acromioplasty
Zhao, B.; Zhang, Q.; Liu, B.	Repair of Lafosse I subscapularis injury adds no additional value in anterosuperior rotator cuff injury	2021	Unclear patient population: not specified if patients underwent non-op treatment that failed
Zhao, D.; Han, Y. H.; Pan, J. K.; Yang, W. Y.; Zeng, L. F.; Liang, G. H.; Liu, J.	The clinical efficacy of leukocyte-poor platelet-rich plasma in arthroscopic rotator cuff repair: a meta-analysis of randomized controlled trials	2021	systematic review
Zhao, F.; Wu, J.; Wang, D.; Li, P.; Tian, W.; Li, W.; Chai, B.; Zhang, Y.	The effect of subacromial decompression on the curative effect of arthroscopic treatment of shoulder calcific tendinitis	2022	irrelevant population: No rotator cuff tears

Authors	Article Title	Year	Reason for Exclusion
Zhao, J.; Liang, G.; Huang, H.; Hong, K.; Pan, J.; Yang, W.; Liu, J.; Zeng, L.	Intravenous Tranexamic Acid Significantly Improved Visualization and Shortened the Operation Time in Arthroscopic Rotator Cuff Repair: A Systematic Review and Meta-Analysis of Level I and II Studies	2023	systematic review
Zhao, J.; Luo, M.; Liang, G.; Pan, J.; Han, Y.; Zeng, L.; Yang, W.; Liu, J.	What Factors Are Associated with Symptomatic Rotator Cuff Tears: A Meta-analysis	2022	systematic review
Zhao, J.; Luo, M.; Liang, G.; Wu, M.; Pan, J.; Zeng, L. F.; Yang, W.; Liu, J.	Risk Factors for Supraspinatus Tears: A Meta-analysis of Observational Studies	2021	systematic review
Zhao, J.; Luo, M.; Pan, J.; Liang, G.; Feng, W.; Zeng, L.; Yang, W.; Liu, J.	Risk factors affecting rotator cuff retear after arthroscopic repair: a meta-analysis and systematic review	2021	systematic review
Zhao, J.; Pan, J.; Zeng, L. F.; Wu, M.; Yang, W.; Liu, J.	Risk factors for full-thickness rotator cuff tears: a systematic review and meta-analysis	2021	systematic review, bib review complete
Zhao, X.; Jia, J.; Wen, L.; Zhang, B.	Biomechanical outcomes of superior capsular reconstruction for irreparable rotator cuff tears by different graft materials-a systematic review and meta-analysis	2022	systematic review
Zhao, Y.; Qiu, J.; Li, Y.; Khan, M. A.; Wan, L.; Chen, L.	Machine-learning models for diagnosis of rotator cuff tears in osteoporosis patients based on anteroposterior X-rays of the shoulder joint	2024	irrelevant topic: diagnosis w/ machine learning models
Zheng, E. T.; Lowenstein, N. A.; Collins, J. E.; Matzkin, E. G.	Resolution of Sleep Disturbance and Improved Functional Outcomes After Rotator Cuff Repair	2023	Irrelevant risk factor; sleep disturbance
Zheng, F.; Wang, H.; Gong, H.; Fan, H.; Zhang, K.; Du, L.	Role of Ultrasound in the Detection of Rotator-Cuff Syndrome: An Observational Study	2019	No relevant outcomes; no reference standard; predictors of pain
Zhi, F.; Cai, F.; Zhang, W.; Xiong, L.; Hu, J.; Lin, X.	Clinical efficacy of different shoulder joint drug injections for rotator cuff injuries: A network meta-analysis	2022	systematic review
Zhong, Z.; Zang, W.; Tang, Z.; Pan, Q.; Yang, Z.; Chen, B.	Effect of scapular stabilization exercises on subacromial pain (impingement) syndrome: a systematic review and meta-analysis of randomized controlled trials	2024	Systematic Review; Bib Review Completed
Zhou, A.; Xu, S.; Yew, K. S. A.; Lie, D. T. T.	Minimal Clinically Important Differences for Oxford, Constant, and University of California Los Angeles Shoulder Scores After Reverse Shoulder Arthroplasty to Allow Interpretation of Patient-Reported Outcome Measures and Future Statistical Power Analyses	2023	No comparison group; Mixed population w/o stratification
Zhou, L.; Natarajan, M.; Miller, B. S.; Gagnier, J. J.	Establishing Minimal Important Differences for the VR-12 and SANE Scores in Patients Following Treatment of Rotator Cuff Tears	2018	Mixed Intervention w/o Stratification of Surgical/Non-Surgical
Zhou, P.; Liu, J.; Deng, X.; Li, Z.	Biceps tenotomy versus tenodesis for lesions of the long head of the biceps tendon: A systematic review and meta-analysis of randomized controlled trials	2021	Systematic Review

Authors	Article Title	Year	Reason for Exclusion
Zhou, X.; Zhang, X.; Jin, X.; Deng, J.; Zhang, Z.; Yu, Y.	Multiple surgical treatment comparisons for irreparable rotator cuff tears: A network meta-analysis	2023	systematic review
Zhu, P.; Wang, Z.; Li, H.; Cai, Y.	Platelet-Rich Plasma Injection in Non-Operative Treatment of Partial-Thickness Rotator Cuff Tears: A Systematic Review and Meta-Analysis	2022	systematic review
Zhu, R.; Jiang, H.; Xu, W.; Shen, L.; Jin, G.	Impact of intra-articular injection with tranexamic acid on total blood loss and postoperative pain after arthroscopic rotator cuff repair surgery	2023	irrelevant comparison: tranexamic acid vs. normal saline
Zhu, S.; Tan, J.; Wu, D.; Hu, N.; Huang, W.; Chen, H.	Bilateral coracohumeral distance discrepancy is associated with subscapularis tear in rotator cuff rupture patients	2021	irrelevant topic: bilateral coracohumeral distance; mixed population w/o stratification
Zhu, X. M.; Leroux, T.; Ben-David, E.; Dennis, B.; Gohal, C.; Kirsch, J. M.; Khan, M.	A meta-analysis of level I evidence comparing tenotomy vs tenodesis in the management of long head of biceps pathology	2021	Systematic Review; Bib Review Completed
Zhu, Y.; Chang, T.; Wang, X.; Zhang, Z.	Bibliometric Study of Exercise and Tendinopathy Research from 2001 to 2020	2022	Systematic Review
Zhuang, C.; Yang, R.; Xu, Y.; Song, Y.; Zhang, Y.; Liu, J.; Yang, F.; Huang, X.; Liu, J.; Wang, X.; Wang, Y.; Wang, L.	The Safety Assessment of Irrigation Fluid Management for Shoulder Arthroscopy and Its Effect on Postoperative Efficacy	2023	mixed population; tear type was unspecified
Zhuo, H.; Zhu, F.; Pan, L.; Li, J.	The Use of Autologous Iliotibial Band With Gerdy's Tubercle for Irreparable Rotator Cuff Tears	2020	No comparison - all patients underwent autologous ITB-GT interposition
Ziradkar, R.; Best, T. M.; Quintero, D.; Paultre, K.	Nonsteroidal Anti-inflammatory and Corticosteroid Injections for Shoulder Impingement Syndrome: A Systematic Review and Meta-analysis	2023	systematic review
Zmistowski, B.; Cahill, S. V.; Hill, J. R.; Gibian, J. T.; Sokrab, R.; Keener, J. D.; Aleem, A. W.	The rate and predictors of healing of repaired lesser tuberosity osteotomy in reverse total shoulder arthroplasty	2023	No comparison group; Tear type was unspecified
Zmistowski, B.; Rabinowitz, J.; Aleem, A. W.; Chamberlain, A. M.; Keener, J. D.	Clinical outcomes of revision to anatomic total shoulder arthroplasty	2024	irrelevant population: intact rotator cuff tendons
Zong, L. Z.; Duan, M. M.; Yuan, W. W.; Lu, H. D.	Efficacy of shoulder arthroscopic surgery for the treatment of rotator cuff injury: A protocol of systematic review and meta-analysis	2020	Study Protocol, no results
Zuke, W. A.; Leroux, T. S.; Gregory, B. P.; Black, A.; Forsythe, B.; Romeo, A. A.; Verma, N. N.	Establishing Maximal Medical Improvement After Arthroscopic Rotator Cuff Repair	2018	Systematic Review; All reviewed articles published b4 previous guideline.

Authors	Article Title	Year	Reason for Exclusion
Zumstein, M. A.; Rumian, A.; Thüru, C. T.; Lesbats, V.; O'Shea, K.; Schaer, M.; Boileau, P.	SECEC Research Grant 2008 II: Use of platelet- and leucocyte-rich fibrin (L-PRF) does not affect late rotator cuff tendon healing: A prospective randomized controlled study	2016	duplicate of 15116

Voting Members' and Non-Voting Oversight Chairs' Disclosures

Prior to the development of this clinical practice guideline, clinical practice guideline development group members disclose conflicts of interest (COI). They disclose COIs in writing to the American Academy of Orthopaedic Surgeons via a private on-line reporting database and also verbally at the recommendation approval meeting.

Disclosure Items: (n) = Respondent answered 'No' to all items indicating no conflicts. 1 = Royalties from a company or supplier; 2 = Speakers bureau/paid presentations for a company or supplier; 3A = Paid employee for a company or supplier; 3B = Paid consultant for a company or supplier; 3C = Unpaid consultant for a company or supplier; 4 = Stock or stock options in a company or supplier; 5 = Research support from a company or supplier as a PI; 6 = Other financial or material support from a company or supplier; 7 = Royalties, financial or material support from publishers; 8 = Medical/Orthopaedic publications editorial/governing board; 9 = Board member/committee appointments for a society.

David Kovacevic, MD, FAAOS

AAOS: Board or committee member (\$0)

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CONMED Linvatec: Paid consultant (\$0) N/A(Self)

Journal of Bone and Joint Surgery - American: Editorial or governing board (\$0)

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Zimmer: Research support (\$0)

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(This individual reported nothing to disclose)

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SLACK Incorporated: Editorial or governing board (\$0) Orthopedics journal(Self)

Smith & Nephew: Research support (\$0) Clinicaltrials.gov ID# NCT03734536(Self)

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(This individual reported nothing to disclose)

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The committee on Evidence Based Quality and Value (EBQV) consists of sixteen AAOS members who implement evidence-based quality initiatives such as clinical practice guidelines (CPGs), systematic literature reviews (SRs) and appropriate use criteria (AUCs). They also oversee the dissemination of related educational materials and promote the utilization of orthopaedic value products by the Academy's leadership and its members.

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Participation in the AAOS systematic literature review peer review process does not constitute an endorsement, nor does it imply that the reviewer supports this document.

Letters of Endorsement from External Organizations

Kaitlyn S. Sevarino, MBA, CAE
Director
Department of Clinical Quality and Value

Dear Ms. Sevarino,

The American Orthopaedic Society for Sports Medicine (AOSSM) has voted to endorse the *AAOS Clinical Practice Guideline for the Management of Rotator Cuff Injuries*. This endorsement implies permission for the AAOS to officially list our organization as an endorser of this clinical practice guideline and reprint our logo in the introductory section of the clinical practice guideline review document.

Sincerely,
Lynette Craft, PhD
Senior Director of Research and Health Policy
American Orthopaedic Society for Sports Medicine
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December 8, 2025

Kaitlyn S. Sevarino, MBA, CAE
Director, Department of Clinical Quality and Value
American Academy of Orthopaedic Surgeons

Re: Management of Rotator Cuff Injuries (2025)

Dear Ms. Sevarino:

On behalf of the American Physical Therapy Association, I appreciate the opportunity to review this clinical practice guideline.

The American Physical Therapy Association has voted to endorse Management of Rotator Cuff Injuries (2025). This endorsement implies permission for your association to officially list our organization as an endorser of this guideline.

Additionally, a copy of our logo is attached which may be used to highlight the endorsement if desired.

If you have any questions, please do not hesitate to contact Jeanine Kolman, PT, DPT, practice specialist at jeaninekolman@apta.org.

Sincerely,

A handwritten signature in black ink, appearing to read "Kyle Covington", is positioned above the printed name.

Kyle Covington, PT, DPT, PhD
APTA President