

Supplement to Clinical Practice Guideline for Prevention of Surgical Site Infection After Major Extremity Trauma

e-Appendix 1

- Search Strategy
- AAOS Approval Bodies
- Review Organizations
- Letters of Endorsement from External Organizations

This supplementary material has been provided by the authors to give readers additional information about their work.

Table of Contents

Literature Search Strategy	3
AAOS Approval Bodies	14
Review Organizations	14
Letters of Endorsement from External Organizations	15

Literature Search Strategy

Database: MEDLINE

Interface: PubMed

Date of Initial Search: 10/14/2020

Date of Revised Search for Steps 4 and 10

Search DoD SSI

Query	Concept
1	<p>"Orthopedic Procedures"[Mesh:NoExp] OR ("Arthroplasty"[mh] NOT ("Total Disc Replacement"[mh] OR "Arthroplasty, Replacement, Finger"[mh])) OR "Cementoplasty"[Mesh:NoExp] OR "Arthrodesis"[Mesh:NoExp] OR "Amputation"[mh] OR ("Bone Lengthening"[mh] NOT ("Orthognathic Surgical Procedures"[mh] OR "Mandible"[mh] OR mandible[tiab] OR mandibular[tiab])) OR "Acetabuloplasty"[mh] OR "Arthroscopy"[mh] OR "Fracture Fixation"[mh] OR "Limb Salvage"[mh] OR "Meniscectomy"[mh] OR "Osteotomy"[Mesh:NoExp] OR "Synovectomy"[mh] OR "Tendon Transfer"[mh] OR "Tenodesis"[mh] OR "Tenotomy"[mh] OR "Ulnar Collateral Ligament Reconstruction"[mh] OR "Fasciotomy"[mh] OR orthopedic*[tiab] OR orthopaedic*[tiab] OR arthroplast*[tiab] OR hemiarthroplast*[tiab] OR arthroscop*[tiab] OR osteotomy[tiab] OR osteotomies[tiab] OR osteoplasty[tiab] OR chondroplasty[tiab] OR osteochondroplasty[tiab] OR tenotomy[tiab] OR tenotomies[tiab] OR tenodesis[tiab] OR meniscectomy[tiab] OR synovectomy[tiab] OR tenosynovectomy[tiab] OR tendoscopy[tiab] OR arthroereisis[tiab] OR fixat*[tiab] OR arthrodesis[tiab] OR salvag*[tiab] OR amputat*[tiab] OR acetabuloplasty[tiab] OR "hip replacement"[tiab] OR "hip replacements"[tiab] OR "knee replacement"[tiab] OR ("joint replacement"[tiab] NOT temporomandibular[tiab]) OR "ankle replacement"[tiab] OR "shoulder replacement"[tiab] OR "elbow replacement"[tiab] OR "femoral replacement"[tiab] OR "ankle fusion"[tiab] OR (release[tiab] AND "carpal tunnel"[tiab]) OR resurfacing[tiab] OR hemipelvectomy[tiab] OR repair*[tiab] OR reconstruct*[tiab] OR Latarjet[tiab] OR Ilizarov[tiab] OR "open reduction"[tiab] OR microfracture[tiab] OR arthrotomy[tiab] OR fasciotomy[tiab] OR nailing[tiab] OR plating[tiab] OR ((surgery[tiab] OR surgical[tiab] OR surgically[tiab] OR operative*[tiab] OR perioperative*[tiab] OR "peri operative"[tiab] OR "peri operatively"[tiab] OR preoperative*[tiab] OR "pre operative"[tiab] OR "pre operatively"[tiab] OR postoperative*[tiab] OR "post operative"[tw] OR "post operatively"[tiab] OR intraoperative*[tiab] OR "intra operative"[tiab] OR "intra operatively"[tiab]) AND (fractur*[tiab] OR avuls*[tiab] OR injur*[tiab] OR "Fractures, Bone"[Mesh:NoExp] OR "Fracture Dislocation"[mh] OR "Fractures, Avulsion"[mh] OR "Fractures, Closed"[mh] OR "Fractures, Comminuted"[mh] OR "Fractures, Compression"[mh] OR "Fractures, Malunited"[mh] OR "Fractures, Multiple"[mh] OR "Fractures, Open"[mh] OR "Fractures, Spontaneous"[mh] OR "Fractures, Stress"[mh] OR "Fractures, Ununited"[mh] OR "Intra-Articular Fractures"[mh] OR "Osteoporotic Fractures"[mh] OR "Periprosthetic Fractures"[mh] OR "Wounds and Injuries"[Mesh:NoExp] OR "Athletic Injuries"[mh] OR "Blast Injuries"[mh] OR "Crush Injuries"[mh] OR "Amputation, Traumatic"[mh] OR "Multiple Trauma"[mh] OR "Shock, Traumatic"[mh] OR "Soft Tissue Injuries"[mh] OR "Sprains and Strains"[mh] OR "Tendon Injuries"[mh] OR "War-Related Injuries"[mh] OR "Ankle Fractures"[mh] OR "Humeral Fractures"[mh] OR "Radius Fractures"[mh] OR "Shoulder Fractures"[mh] OR "Ulna Fractures"[mh] OR "Arm Injuries"[mh] OR "Hip Injuries"[mh] OR "Leg Injuries"[mh] OR "Shoulder Injuries"[mh] OR (strain*[tiab] AND (Tendons[mh] OR "Muscle, Skeletal"[mh] OR muscle*[tiab] OR tendon*[tiab])) OR tear[tiab] OR tears[tiab] OR tearing[tiab] OR torn[tiab] OR trauma[tiab] OR traumatic[tiab] OR (ruptur*[tiab] AND (Tendons[mh] OR tendon*[tiab] OR "Ligaments, Articular"[mh])) OR wound*[tiab]))</p>

2	<p>"Extremities"[mh] OR "Bones of Lower Extremity"[mh] OR "Bones of Upper Extremity"[mh] OR "Hip Joint"[mh] OR "Knee Joint"[mh] OR "Anterior Cruciate Ligament"[mh] OR "Posterior Cruciate Ligament"[mh] OR "Collateral Ligaments"[mh] OR "Ankle Joint"[mh] OR "Tarsal Joints"[mh] OR "Shoulder Joint"[mh] OR "Acromioclavicular Joint"[mh] OR "Sternoclavicular Joint"[mh] OR "Elbow Joint"[mh] OR "Wrist Joint"[mh] OR "Carpal Joints"[mh] OR "Achilles Tendon"[mh] OR "Hamstring Tendons"[mh] OR "Rotator Cuff"[mh] OR "Ankle Fractures"[mh] OR "Humeral Fractures"[mh] OR "Radius Fractures"[mh] OR "Shoulder Fractures"[mh] OR "Ulna Fractures"[mh] OR "Arm Injuries"[mh] OR "Hip Injuries"[mh] OR "Leg Injuries"[mh] OR "Shoulder Injuries"[mh] OR extremity[tiab] OR extremities[tiab] OR limb[tiab] OR "long bone"[tiab] OR "long bones"[tiab] OR leg[tiab] OR hip[tiab] OR pelvic[tiab] OR Malgaigne*[tiab] OR Duverney*[tiab] OR acetabulum[tiab] OR acetabular[tiab] OR femoroacetabular[tiab] OR labral[tiab] OR knee[tiab] OR Segond*[tiab] OR Stieda*[tiab] OR femur[tiab] OR femoral[tiab] OR trochanter*[tiab] OR intertrochanter*[tiab] OR subtrochanter*[tiab] OR pertrochanter*[tiab] OR tibia[tiab] OR tibial[tiab] OR Maisonneuve*[tiab] OR hamstring[tiab] OR (quadriceps[tiab] AND (tendon[tiab] OR ruptur*[tiab])) OR ("rectus femoris"[tiab] AND (tendon[tiab] OR strain*[tiab] OR ruptur*[tiab])) OR patella[tiab] OR patellar[tiab] OR patellofemoral[tiab] OR "anterior cruciate"[tiab] OR ACL[tiab] OR "posterior cruciate"[tiab] OR menisc*[tiab] OR ankle[tiab] OR Tillaux*[tiab] OR Bosworth*[tiab] OR Wagstaffe*[tiab] OR "Le Fort"[tiab] OR Achilles[tiab] OR subtalar[tiab] OR hindfoot[tiab] OR calcaneal[tiab] OR talus[tiab] OR talar[tiab] OR tarsometatarsal[tiab] OR Lisfranc[tiab] OR malleolus[tiab] OR malleolar[tiab] OR foot[tiab] OR Chopart*[tiab] OR Lover*[tiab] OR "Don Juan"[tiab] OR Casanova[tiab] OR nutcracker*[tiab] OR arm[tiab] OR forearm[tiab] OR shoulder[tiab] OR glenohumeral[tiab] OR glenoid[tiab] OR "rotator cuff"[tiab] OR acromioclavicular[tiab] OR subscapularis[tiab] OR supraspinatus[tiab] OR humerus[tiab] OR humeral[tiab] OR (pectoralis[tiab] AND (tendon[tiab] OR "Rupture/surgery"[Mesh:NoExp])) OR biceps[tiab] OR triceps[tiab] OR clavicle[tiab] OR elbow[tiab] OR elbows[tiab] OR radius[tiab] OR radial[tiab] OR ulna[tiab] OR ulnar[tiab] OR olecranon[tiab] OR wrist[tiab] OR carpal[tiab] OR Colles*[tiab] OR Barton*[tiab] OR Galeazzi*[tiab] OR ((Smith*[tiab] OR Bennett* OR Rolando*[tiab] OR boxer*[tiab] OR Seymour*[tiab] OR Jones*[tiab]) AND fracture*[tiab]) OR ((Mallet*[tiab] OR Jersey*[tiab]) AND finger*[tiab]) OR Monteggia*[tiab] OR Torus[tiab] OR scaphoid[tiab] OR "total joint"[tiab] OR THA[tiab] OR TKA[tiab]</p>
3	#1 AND #2
4	<p>Cryotherapy[mh] OR Ice[mh] OR "Hot Temperature/therapeutic use"[mh] OR "Electric Stimulation Therapy"[mh] OR "Early Ambulation"[mh] OR "Acupuncture Therapy"[mh] OR Massage[mh] OR Motion Therapy, Continuous Passive"[mh] OR cryotherapy[tiab] OR cryotherapies[tiab] OR "cold therapy"[tiab] OR ice[tiab] OR cooling[tiab] OR warming[tiab] OR heating[tiab] OR TENS[tiab] OR NMES[tiab] OR ((electric[tiab] OR electrical[tiab]) AND stimulat*[tiab]) OR electrostimulation[tiab] OR electrotherapy[tiab] OR "nerve stimulation"[tiab] OR "muscle stimulation"[tiab] OR ((early[tiab] OR accelerated[tiab] OR immediate[tiab]) AND (ambulat*[tiab] OR walking[tiab] OR mobilization[tiab] OR mobilisation[tiab] OR motion[tiab] OR weightbearing[tiab] OR "weight bearing"[tiab] OR rehabilitation[tiab])) OR acupuncture[tiab] OR pharmacoacupuncture[tiab] OR acupotomy[tiab] OR auriculotherapy[tiab] OR "dry needling"[tiab] OR massag*[tiab] OR "continuous passive motion"[tiab]</p>
5	<p>"Anesthesia, Conduction"[mh] OR "nerve block"[tiab] OR "nerve blocks"[tiab] OR "nerve blockade"[tiab] OR "nerve blockades"[tiab] OR IPACK[tiab] OR "plexus block"[tiab] OR "plexus blocks"[tiab] OR "plexus blockade"[tiab] OR "plexus blockades"[tiab] OR "neuraxial block"[tiab] OR "neuraxial blocks"[tiab] OR "neuraxial blockade"[tiab] OR "neuraxial blockades"[tiab] OR "adductor canal block"[tiab] OR "adductor canal blocks"[tiab] OR "adductor canal blockade"[tiab] OR "fascia iliaca compartment block"[tiab] OR "fascia iliaca compartment blocks"[tiab] OR "fascia iliaca compartment blockade"[tiab] OR "fascia iliaca block"[tiab] OR "fascia iliaca blocks"[tiab] OR "fascia iliaca blockade"[tiab] OR "paravertebral block"[tiab] OR "paravertebral blocks"[tiab] OR "paravertebral blockade"[tiab] OR "paravertebral blockades"[tiab] OR spinal anaesthesia"[tiab] OR "spinal anesthesia"[tiab] OR "spinal anaesthetic"[tiab] OR "spinal anaesthetics"[tiab] OR "spinal anesthetic"[tiab] OR "spinal anesthetics"[tiab] OR "spinal analgesia"[tiab] OR "subarachnoid block"[tiab] OR "subarachnoid anesthesia"[tiab] OR "subarachnoid anaesthesia"[tiab] OR "epidural anaesthesia"[tiab] OR "epidural anesthesia"[tiab] OR "regional anesthesia"[tiab] OR "regional anesthetic"[tiab] OR "regional anaesthesia"[tiab] OR "regional anaesthetic"[tiab] OR "local anesthesia"[tiab] OR "local anesthetic"[tiab] OR "local anaesthetics"[tiab] OR "local anaesthetic"[tiab] OR "local anaesthesia"[tiab] OR "local anaesthetic"[tiab] OR "local anaesthetics"[tiab] OR "peri-articular infiltration"[tiab] OR "periarticular infiltration"[tiab] OR "peri-articular injection"[tiab] OR "peri-articular injections"[tiab] OR "periarticular injection"[tiab] OR "periarticular injections"[tiab] OR "interscalene block"[tiab] OR "interscalene blocks"[tiab] OR "interscalene blockade"[tiab] OR "infiltration anesthesia"[tiab] OR "infiltration analgesia"[tiab] OR "infiltrative analgesia"[tiab] OR "lidocaine"[tiab] OR</p>

	"ropivacaine"[tiab] OR "bupivacaine"[tiab] OR "ketorolac"[tiab] OR "tromethamine"[tiab] OR "epinephrine"[tiab] OR "nerve catheter"[tiab] OR "nerve catheters"[tiab] OR "perineural catheter"[tiab] OR "perineural catheters"[tiab]
6	"Adrenal Cortex Hormones"[mh] OR "adrenal cortex hormones"[tiab] OR corticosteroid*[tiab] OR "cortico steroid"[tiab] OR corticoid*[tiab] OR cortisone[tiab] OR prednisone[tiab] OR prednisolone[tiab] OR methylprednisolone[tiab] OR triamcinolone[tiab] OR dexamethasone[tiab] OR glucocorticoid*[tiab] OR cortisone[tiab] OR hydrocortisone[tiab] OR betamethasone[tiab] OR budesonide[tiab] OR mineralocorticoid*[tiab]
7	"Anti-Inflammatory Agents, Non-Steroidal"[mh] OR "Cyclooxygenase 2 Inhibitors"[mh] OR "non-steroidal anti-inflammatory agent"[tiab] OR "nonsteroidal anti-inflammatory agents"[tiab] OR meloxicam[tiab] OR Mobic[tiab] OR naproxen[tiab] OR Aleve[tiab] OR ibuprofen[tiab] OR Advil[tiab] OR flurbiprofen[tiab] OR ketorolac[tiab] OR Toradol[tiab] OR "COX-2 inhibitor"[tiab] OR "COX-2 inhibitors"[tiab] OR "COX2 inhibitor"[tiab] OR "COX2 inhibitors"[tiab] OR "cyclooxygenase 2 inhibitor"[tiab] OR "cyclo oxygenase inhibitor"[tiab] OR celecoxib[tiab] OR Celebrex[tiab] OR diclofenac[tiab] OR misoprostol[tiab] OR sulindac[tiab] OR ketoprofen[tiab] OR tolmetin[tiab] OR etodolac[tiab] OR fenoprofen[tiab] OR piroxicam[tiab] OR indomethacin[tiab] OR nabumetone[tiab] OR aspirin[tiab] OR etoricoxib[tiab]
8	"Injections, Intra-Articular"[Mesh:NoExp] OR inject*[tiab] OR infiltration*[tiab] OR "intra articular"[tiab] OR intraarticular[tiab] OR "peri articular"[tiab] OR periarticular[tiab]
9	((#6 OR #7) AND #8) OR #5
10	Psychotherapy[mh] OR "Patient Education as Topic"[mh] OR "Health Education"[mh] OR psychotherapy[tiab] OR psychotherapies[tiab] OR psychotherapeutic[tiab] OR ((cogniti*[tiab] OR behavior*[tiab] OR behaviour*[tiab]) AND (therapy[tiab] OR therapies[tiab] OR treatment*[tiab] OR intervention*[tiab])) OR (CBT[tiab] NOT ("cord blood transplantation"[tiab] OR "carotid body tumor"[tiab] OR "cortical bone trajectory"[tiab] OR "cortical bone thickness"[tiab] OR "computer based training"[tiab])) OR ("virtual reality"[tiab] AND (therapy[tiab] OR therapies[tiab] OR treatment*[tiab] OR intervention*[tiab] OR rehabilitation[tiab])) OR "mirror therapy"[tiab] OR "visual feedback"[tiab] OR "mirror feedback"[tiab] OR ((sensorimotor[tiab] OR "sensori motor"[tiab] OR "sensory"[tiab]) AND (feedback[tiab] OR training[tiab] OR rehabilitation[tiab])) OR (music[tiab] AND (therapy[tiab] OR therapies[tiab] OR treatment*[tiab] OR intervention*[tiab])) OR "guided imagery"[tiab] OR "motor imagery"[tiab] OR Reiki[tiab] OR hypnosis[tiab] OR mindfulness[tiab] OR meditat*[tiab] OR education*[ti] OR teaching[ti]
11	Narcotics[mh] OR Tramadol[mh] OR narcotic*[tiab] OR opioid*[tiab] OR opiate*[tiab] OR papaver*[tiab] OR oxycodone[tiab] OR Oxycontin[tiab] OR "Oxy-ER"[tiab] OR "Oxy-CRF"[tiab] OR "OxyIR"[tiab] OR "Oxy-IR"[tiab] OR Percodan[tiab] OR Percocet[tiab] OR Roxicet[tiab] OR hydrocodone[tiab] OR dihydrocodeinone[tiab] OR Vicodin[tiab] OR Vicoprofen[tiab] OR Norco[tiab] OR Lortab[tiab] OR Lorcet[tiab] OR oxymorphone[tiab] OR Opana[tiab] OR morphine[tiab] OR Kadian[tiab] OR Avinza[tiab] OR "MS Contin"[tiab] OR Duramorph[tiab] OR Roxanol[tiab] OR codeine[tiab] OR fentanyl[tiab] OR Duragesic[tiab] OR Actiq[tiab] OR Sublimaze[tiab] OR hydromorphone[tiab] OR Dilaudid[tiab] OR meperidine[tiab] OR Demerol[tiab] OR tramadol[tiab] OR Ultram[tiab] OR buprenorphine[tiab] OR propoxyphene[tiab] OR Darvocet[tiab] OR Omnopon[tiab] OR methadone[tiab] OR Dolophine[tiab] OR Methadose[tiab] OR suboxone[tiab] OR nalbuphine[tiab] OR propoxyphene[tiab] OR pentazocine[tiab]
12	"Antidepressive Agents"[mh] OR "Serotonin and Noradrenaline Reuptake Inhibitors"[mh] OR "Monoamine Oxidase Inhibitors"[mh] OR "Serotonin Uptake Inhibitors"[mh] OR "Dopamine Uptake Inhibitors"[mh] OR antidepressant[tiab] OR antidepressants[tiab] OR "anti depressant"[tiab] OR "anti depressants"[tiab] OR SNRI*[tiab] OR (serotonin[tiab] AND (norepinephrine[tiab] OR noradrenaline[tiab] OR antagonist[tiab])) AND inhibitor*[tiab] OR duloxetine[tiab] OR desvenlafaxine[tiab] OR levomilnacipran[tiab] OR venlafaxine[tiab] OR nefazodone[tiab] OR trazodone[tiab] OR SSRI*[tiab] OR (selective[tiab] AND serotonin[tiab] AND inhibitor*[tiab] OR citalopram[tiab] OR escitalopram[tiab] OR fluoxetine[tiab] OR fluvoxamine[tiab] OR paroxetine[tiab] OR sertraline[tiab] OR vilazodone[tiab] OR (monoamine[tiab] AND oxidase[tiab] AND inhibitor*[tiab] OR MAOI[tiab] OR MAOIs[tiab] OR isocarboxazid[tiab] OR phenelzine[tiab] OR tranylcypromine[tiab] OR NDRI*[tiab] OR (norepinephrine[tiab] AND dopamine[tiab] AND inhibitor*[tiab])) OR bupropion[tiab] OR amitriptyline[tiab] OR clomipramine[tiab] OR desipramine[tiab] OR doxepin[tiab] OR

	imipramine[tiab] OR nortriptyline[tiab] OR protriptyline[tiab] OR trimipramine[tiab] OR amoxapine[tiab] OR maprotiline[tiab] OR mirtazapine[tiab] OR vortioxetine[tiab]
13	"Acetaminophen"[mh] OR acetaminophen[tiab] OR paracetamol[tiab] OR Tylenol[tiab] OR propacetamol[tiab]
14	"Pregabalin"[mh] OR "Gabapentin"[mh] OR gabapentin[tiab] OR gabapentinoid*[tiab] OR Neurontin[tiab] OR Gralise[tiab] OR Horizant[tiab] OR pregabalin[tiab] OR Lyrica[tiab]
15	Ketamine[mh] OR ketamine[tiab] OR Ketalar[tiab] OR Ketaject[tiab] OR katamine[tiab] OR Calipsol[tiab] OR Calypsol[tiab] OR Imalgene[tiab] OR Kalipsol[tiab] OR Ketanest[tiab] OR Vetalar[tiab] OR Ketamin[tiab] OR Ketamina[tiab]
16	"Neuromuscular Agents"[mh] OR "Succinylcholine"[mh] OR "Rocuronium"[mh] OR "Mivacurium"[mh] OR "Pancuronium"[mh] OR "Benzodiazepines"[mh] OR "Hydroxyzine"[Mesh:NoExp] OR "muscle relaxant"[tiab] OR "muscle relaxants"[tiab] OR abobotulinumtoxinA[tiab] OR baclofen[tiab] OR Botox[tiab] OR carisoprodol[tiab] OR chlorzoxazone[tiab] OR cyclobenzaprine[tiab] OR Dantrium[tiab] OR dantrolene[tiab] OR Dysport[tiab] OR Flexeril[tiab] OR incobotulinumtoxinA[tiab] OR Lioresal[tiab] OR metaxalone[tiab] OR methocarbamol[tiab] OR Myobloc[tiab] OR Norflex[tiab] OR onabotulinumtoxinA[tiab] OR orphenadrine[tiab] OR Parafon[tiab] OR rimabotulinumtoxinB[tiab] OR Robaxin[tiab] OR Skelaxin[tiab] OR tizanidine[tiab] OR Xeomin[tiab] OR atracurium[tiab] OR cisatracurium[tiab] OR mivacurium[tiab] OR pancuronium[tiab] OR rocuronium[tiab] OR succinylcholine[tiab] OR vecuronium[tiab] OR Norgesic[tiab] OR quazepam[tiab] OR chlordiazepoxide[tiab] OR flurazepam[tiab] OR alprazolam[tiab] OR diazepam[tiab] OR oxazepam[tiab] OR clonazepam[tiab] OR estazolam[tiab] OR clorazepate[tiab] OR triazolam[tiab] OR lorazepam[tiab] OR temazepam[tiab] OR clobazam[tiab] OR midazolam[tiab] OR Doral[tiab] OR Valium[tiab] OR Versed[tiab] OR hydroxyzine[tiab]
17	(1990:3000[mdat]) AND English[la]
18	(2000:3000[mdat]) AND English[la]
19	(2005:3000[mdat]) AND English[la]
20	(2010:3000[mdat]) AND English[la]
21	"randomized controlled trial"[pt] OR "Randomized Controlled Trials as Topic"[mh] OR "random allocation"[mh] OR random*[tiab]
22	MEDLINE[tiab] OR (systematic*[tiab] AND review*[tiab]) OR "meta analysis"[tiab] OR "meta-analysis"[pt] OR systematic review[pt]
23	#21 or #22
24	("animals"[mh] NOT "humans"[mh]) OR "cadaver"[mh] OR cadaver*[tiab] OR "in vitro"[tiab] OR animal*[ti] OR dog[ti] OR dogs[ti] OR canine[ti] OR horse[ti] OR horses[ti] OR equine[ti] OR mouse[ti] OR mice[ti] OR rat[ti] OR rats[ti] OR rabbit[ti] OR rabbits[ti] OR sheep[ti] OR porcine[ti] OR pig[ti] OR pigs[ti] OR rodent*[ti] Or monkey*[ti] OR ((comment[pt] OR editorial[pt] OR letter[pt] OR "historical article"[pt]) NOT "clinical trial"[pt]) OR abstracts[ti] OR editorial[ti] OR reply[ti] OR commentary[ti] OR letter[ti] OR address[pt] OR news[pt] OR "newspaper article"[pt] OR pmcbook OR "case report"[ti] OR "case reports"[pt]
25	((Infant[mh] OR Child[mh] OR pediatric*[ti] OR paediatric*[ti] OR child[ti] OR children[ti]) NOT (Adult[mh] OR Adolescent[mh] OR Adult[ti]))
26	#24 OR #25
27	((#4 OR #10) AND #3) AND #17
28	(#9 AND #3) AND #18
29	((#12 OR #14 OR #15 OR #16) AND #3) AND #19
30	((#7 OR #11 OR #13) AND #3) AND #20

31	((#27 OR #28 OR #29 OR #30) AND #23) NOT #26
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**Queries
on
Update**

32	("2019/11/19"[edat] : "3000/01/01"[edat])
33	("2019/11/19"[crdt] : "3000/01/01"[crdt])
34	#31 AND (#32 OR #33)

Database: MEDLINE
Interface: Ovid MEDLINE® and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Daily and Versions © 1946 to October 30, 2020
Date of Initial Search: 11/2/2020
Search DoD SSI

Query #	Search
1	exp Fractures, Bone/ OR fracture?.mp.
2	(exp "Animals"/ NOT Humans/) OR exp "Cadaver"/ OR (animal? OR dog OR dogs OR canine OR cat OR cats OR feline OR horse? OR equine OR mouse OR mice OR rat OR rats OR rabbit? OR sheep OR porcine OR pig OR pigs OR rodent? OR monkey?).ti. OR (cadaver* OR in vitro).ti,ab. 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 (case report? OR abstracts OR editorial OR reply OR comment? OR commentary OR letter).ti.
3	(1 NOT 2) AND English.lg.
4	limit 3 to yr="1985-Current"
5	exp Extremities/ OR exp Bones of Lower Extremity/ OR exp Bones of Upper Extremity/ OR exp Hip Joint/ OR exp Knee Joint/ OR exp Foot Joints/ OR Shoulder Joint/ OR Acromioclavicular Joint/ OR Elbow Joint/ OR exp Hand Joints/ OR Ankle Fractures/ OR exp Shoulder Injuries/ OR exp Arm Injuries/ OR exp Hand Injuries/ OR exp Hip Injuries/ OR exp Leg Injuries/ OR (Intra-Articular Fractures/ NOT (mandib* OR temporomandib*).ti,ab,kf.)
6	(extremit* OR limb OR limbs OR long bone? OR leg OR legs OR hip OR hips OR labrum OR labral OR pelvi? OR acetabulum OR acetabular OR trochanter* OR intertrochanter* OR subtrochanter* OR pertrochanter* OR knee OR knees OR femur OR femurs OR fem?ral OR tibia? OR patella? OR patellofemoral OR ankle? OR foot OR calcane* OR malleol* OR talus or talar OR (fibula? ADJ2 fracture?) OR tarsometatarsal OR Lisfranc OR metatarsal OR tarsal OR (cuboid ADJ3 fracture?) OR cuneiform OR toe? OR phalan* OR interphalangeal OR shoulder? OR glenohumeral OR glenoid OR humer* OR (distal AND clavic*) OR coracoid OR elbow? OR radius OR radial OR ulna? OR olecranon OR wrist? OR Colles* OR (carpal NOT (carpal ADJ3 tunnel)) OR metacarpal OR scaphoid or trapezium OR hamate OR ((Jersey OR Mallet) ADJ finger?) OR ((finger? ADJ4 fracture?) NOT (liver OR bile)) OR ((hand? ADJ4 fracture?) NOT (on-one-hand OR on-the-other-hand)) OR (((arm OR arms) ADJ4 fracture?) NOT ((arm OR arms) ADJ4 (placebo OR sham OR O OR C OR single OR trial OR control OR therapy OR treatment))) OR forearm? OR Colles* OR Bennett* OR Rolando* OR ((boxer* OR Jones*) ADJ fracture?) OR Seymour* OR Monteggia* OR Torus OR ((posterior-cruciate OR ACL OR supraspinatus OR hamstring? OR collateral-ligament) AND avuls*) OR ((articular OR intraarticular OR periarticular) NOT (mandib* OR temporomandib* OR vertebra* OR spine OR spinal OR spondyl*)) OR total joint).ti,ab,kf.
7	4 AND (5 OR 6)
8	exp Wound Infection/ or ((Surgical Wound/ or (wound? or site?).ti,ab,kf.) and (exp Infections/ or (infect* or complication?).ti,ab,kf.))
9	7 AND 8
10	exp Anti-Bacterial Agents/ OR Antibiotic Prophylaxis/ OR (antimicrobial? OR antibiotic? OR antibacterial OR vancomycin OR clindamycin OR cephalosporin OR gentamicin OR tobramycin OR penicillin? OR ceftriaxone).mp.
11	Time-to-Treatment/ OR (time-to-treatment OR wait*-time? OR operative-timing OR ((time OR timing OR timely OR delay* OR early OR same day) ADJ5 (surgery OR surgical OR fixat* OR reduction OR stabiliz* OR reconstruct* OR transfer*))).ti,ab,kf.
12	exp Wound Closure Techniques/ OR exp Bandages/ OR Therapeutic Irrigation/ OR Debridement/ OR Tranexamic Acid/ OR exp *Wound Healing/ OR exp Drainage/ OR (closure OR cover* OR dressing? OR irrigat* OR lavag* OR wash OR washed OR washes OR washout OR wash-out OR washing OR rins* OR negative-pressure OR sutur* OR bandag* OR gauze OR packing OR debrid* OR tranexamic OR drain* OR ((temporar* OR temporizing OR provisional OR definitive* OR span? OR spanned OR spanning) AND fixat*) OR ((temporar* OR definitive) ADJ stabil*) OR (wound ADJ5 (manag* OR care OR therap* OR treatment)) OR flap? OR transfer* OR silver OR (plastic AND surg*) OR hyperbaric OR sponge*).mp.

13	Anti-Infective Agents, Local/ OR exp Iodophors/ OR (antiseptic? OR anti-septic? OR anti-infect* OR chlorhexidine OR iodine OR saline OR ((distilled OR soap) ADJ2 water) or (alcohol* AND pad) OR (skin ADJ3 prep*)).mp.
14	exp Risk/ OR ((risk? AND factor?) OR ((risk? OR rate? OR factor?) ADJ6 (infect* OR SSI)) OR ((increas* OR decrease* OR reduce?) ADJ3 infect*)).ti,ab,kf.
15	9 AND (10 OR 11 OR 12 OR 13 OR 14)
16	exp *Bone Diseases, Metabolic/ OR exp *HIV Infections/ OR *Frailty/ OR ((exp *Spinal Fractures/ OR (spine OR spinal).ti.) NOT (tibia? OR hip OR femur).ti,ab,kf.) OR (osteopor* OR frail* OR HIV OR human-immunodeficiency OR vertebra*).ti. OR (((fragility OR insufficiency OR low-energy) ADJ4 fracture?) NOT (high-energy OR gun* OR soldier?)).ti,ab.
17	15 NOT 16
18	limit 17 to ez=20201101-20210428
	open adj3 fracture?
	deep or superficial or incision* and infection
	gentamicin or cloxacillin or cefazolin or ciprofloxacin
	exp Surgical Wound Infection/ OR Surgical Wound Dehiscence/ OR ((wound? OR site?) AND (infect* OR complication?)).ti,ab,kf.) OR ((surg* OR post-surg* OR postsurg* OR post-operative* OR postoperative* OR perioperative* OR peri-operative*) AND (infect* OR sepsis OR septic)).ti,ab.
	surgery OR surgical* OR operative* OR perioperative* OR peri-operative* OR preoperative* OR pre-operative* OR postoperative* OR post-operative* OR postsurg* OR post-surg* OR intraoperative* OR intra-operative*
	((surg* OR site or post-surg* or postsurg* or post-operative* or postoperative* or perioperative* or peri-operative*) adj6 (infect* or complication?)) or SSI or SSIs.ti,ab.
	exp Postoperative Complications/ AND (exp Bacterial Infections and Mycoses/ OR Prosthesis-Related Infections/ OR exp Sepsis/ OR Wound Infection/ OR Soft Tissue Infections/)
	Orthopedic Procedures/ OR exp Arthroplasty/ OR Arthrodesis/ OR exp Amputation/ OR exp Bone Lengthening/ OR Bone Transplantation/ OR exp Fracture Fixation/ OR Limb Salvage/ OR Osteotomy/ OR Traction/ OR Fasciotomy/ OR (orthop* OR arthroplast* OR hemiarthroplast* OR arthroscop* OR osteotomy OR osteotomies OR osteoplast* OR chondroplast* OR osteochondroplast* OR tenotomy OR tenotomies OR tenodesis OR meniscectomy OR synovectomy OR tenosynovectomy OR tendoscopy OR arthroereisis OR fixat* OR arthrodesis OR fusion OR salvag* OR amputat* OR acetabuloplast* OR replacement? OR resurfacing OR hemipelvectom* OR repair* OR reconstruct* OR Latarjet OR Ilizarov OR open reduction OR microfracture OR arthrotom* OR fasciotom* OR nailing OR plating OR surgery OR surgical* OR operative* OR perioperative* OR peri operative* OR preoperative* OR pre operative* OR postoperative* OR post operative* OR intraoperative* OR intra operative*).ti,ab,kf.

Database: Embase
Interface: Elsevier
Date: 11/2/2020
Search DoD SSI

Query #	Search
1	fracture/exp OR fracture\$:ti,ab,kw
2	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 (abstracts OR editorial OR reply OR comment\$ OR commentary OR letter):ti OR cadaver/de OR in-vitro-study/exp OR (cadaver* OR in-vitro):ti,ab OR animal-experiment/exp OR (animal\$ OR dog OR dogs OR canine OR cat OR cats OR feline OR horse\$ OR equine OR mouse OR mice OR rat OR rats OR rabbit\$ OR sheep OR porcine OR pig OR pigs OR rodent\$ OR monkey\$):ti
3	#1 NOT #2
4	[1985-3000]/py AND [english]/lim
5	#3 AND #4
6	limb/exp OR bones-of-the-extremities/exp OR acromioclavicular-joint/de OR foot-joint/exp OR hand-joint/exp OR radioulnar-joint/de OR subtalar-joint/de OR limb-injury/exp
7	(extremit* OR limb OR limbs OR 'long bone\$' OR leg OR legs OR hip OR hips OR labrum OR labral OR pelvi\$ OR acetabulum OR acetabular OR trochanter* OR intertrochanter* OR subtrochanter* OR pertrochanter* OR knee OR knees OR femur OR femurs OR fem\$ral OR tibia\$ OR patella\$ OR patellofemoral OR ankle\$ OR foot OR calcane* OR malleol* OR talus OR talar OR (fibula\$ NEAR/2 fracture\$) OR tarsometatarsal OR Lisfranc OR metatarsal OR tarsal OR (cuboid NEAR/3 fracture\$) OR cuneiform OR toe\$ OR phalan* OR interphalangeal OR shoulder\$ OR glenohumeral OR glenoid OR humer* OR (distal AND clavicle*) OR coracoid OR elbow\$ OR radius OR radial OR ulna\$ OR olecranon OR wrist\$ OR Colles* OR (carpal NOT (carpal NEAR/3 tunnel)) OR metacarpal OR scaphoid OR trapezium OR hamate OR ((Jersey OR Mallet) NEXT/1 finger\$) OR ((finger\$ NEAR/4 fracture\$) NOT (liver OR bile)) OR ((hand\$ NEAR/4 fracture\$) NOT (on-one-hand OR on-the-other-hand)) OR (((arm OR arms) NEAR/4 fracture\$) NOT ((arm OR arms) NEAR/4 (placebo OR sham OR O OR C OR single OR trial OR control OR therapy OR treatment))) OR forearm\$ OR Colles* OR Bennett* OR Rolando* OR ((boxer* OR Jones*) NEXT/1 fracture\$) OR Seymour* OR Monteggia* OR Torus OR ((posterior-cruciate OR ACL OR supraspinatus OR hamstring\$ OR collateral-ligament) AND avuls*) OR ((articular OR intraarticular OR periarticular) NOT (mandib* OR temporomandib* OR vertebra* OR spine OR spinal OR spondyl*)) OR total-joint):ti,ab,kw
8	#5 AND (#6 OR #7)
9	surgical-infection/de OR wound-infection/de OR ((surgical-wound/exp OR (wound\$ OR site\$):ti,ab,kw) AND (infection/exp OR (infect* OR complication\$):ti,ab,kw))
10	#8 AND #9
11	antibiotic-agent/exp OR antibiotic-prophylaxis/de OR (antimicrobial\$ OR antibiotic\$ OR antibacterial OR vancomycin OR clindamycin OR cephalosporin OR gentamicin OR tobramycin OR penicillin\$ OR ceftriaxone):ti,ab,kw
12	time-to-treatment/de OR (time-to-treatment OR 'wait* time\$' OR operative-timing OR ((time OR timing OR timely OR delay* OR early OR same-day) NEAR/5 (surgery OR surgical OR fixat* OR reduction OR stabiliz* OR reconstruct* OR transfer*)):ti,ab,kw

13	wound-care/exp OR bandages-and-dressings/exp OR tranexamic-acid/de OR (closure OR cover* OR dressing\$ OR irrigat* OR lavag* OR wash OR washed OR washes OR washout OR wash-out OR washing OR rins* OR negative-pressure OR sutur* OR bandag* OR gauze OR packing OR debrid* OR tranexamic OR drain* OR ((temporar* OR temporizing OR provisional OR definitive* OR span\$ OR spanned OR spanning) AND fixat*) OR ((temporar* OR definitive) NEAR/1 stabil*) OR (wound NEAR/5 (manag* OR care OR therap* OR treatment)) OR flap\$ OR transfer* OR silver OR (plastic AND surg*) OR hyperbaric OR sponge*):ti,ab,kw
14	topical-antiinfective-agent/exp OR (antiseptic\$ OR 'anti septic\$' OR 'anti infect*' OR chlorhexidine OR iodine OR saline OR ((distilled OR soap) NEAR/2 water) or (alcohol* AND pad) OR (skin NEAR/3 prep*)):ti,ab,kw
15	risk-factor/de OR infection-risk/de OR ((risk\$ AND factor\$) OR ((risk\$ OR rate\$ OR factor\$) NEAR/6 (infect* OR SSI)) OR ((increas* OR decrease* OR reduce\$) NEAR/3 infect*)):ti,ab,kw
16	#10 AND (#11 OR #12 OR #13 OR #14 OR #15)
17	metabolic-bone-disease/exp/mj OR human-immunodeficiency-virus-infection/exp/mj OR frailty/mj OR ((spine-fracture/exp/mj OR (spine OR spinal):ti) NOT (tibia\$ OR hip OR femur):ti,ab,kw) OR (osteopor* OR frail* OR HIV OR human-immunodeficiency OR vertebra*):ti OR (((fragility OR insufficiency OR low-energy) NEAR/4 fracture\$) NOT (high-energy OR gun* OR soldier\$)):ti,ab
18	#16 NOT #17
19	#16 NOT #17 AND [1-11-2020]/sd NOT [29-4-2021]/sd

Database: Cochrane Central Register of Controlled Trials (CENTRAL)

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

Date: 11/2/2020

Search DoD SSI

Query #	Search
1	[mh "Fractures, Bone"] OR fracture?:ti,ab,kw
2	"conference abstract":pt OR (abstracts OR editorial OR reply OR comment? OR commentary OR letter):ti OR (cadaver* OR "in vitro"):ti,ab OR (animal? OR dog OR dogs OR canine OR cat OR cats OR feline OR horse? OR equine OR mouse OR mice OR rat OR rats OR rabbit? OR sheep OR porcine OR pig OR pigs OR rodent? OR monkey?):ti
3	#1 NOT #2
4	[mh Extremities] OR [mh "Bones of Lower Extremity"] OR [mh "Bones of Upper Extremity"] OR [mh "Hip Joint"] OR [mh "Knee Joint"] OR [mh "Foot Joints"] OR [mh "Shoulder Joint"] OR [mh "Acromioclavicular Joint"] OR [mh "Elbow Joint"] OR [mh "Hand Joints"] OR [mh "Ankle Fractures"] OR [mh "Shoulder Injuries"] OR [mh "Arm Injuries"] OR [mh "Hand Injuries"] OR [mh "Hip Injuries"] OR [mh "Leg Injuries"] OR ([mh "Intra-Articular Fractures"] NOT (mandib* OR temporomandib*):ti,ab,kw)
5	(extremit* OR limb OR limbs OR "long bone?" OR leg OR legs OR hip OR hips OR labrum OR labral OR pelvi? OR acetabulum OR acetabular OR trochanter* OR intertrochanter* OR subtrochanter* OR pertrochanter* OR knee OR knees OR femur OR femurs OR fem?ral OR tibia? OR patella? OR patellofemoral OR ankle? OR foot OR calcane* OR malleol* OR talus OR talar OR (fibula? NEAR/2 fracture?) OR tarsometatarsal OR Lisfranc OR metatarsal OR tarsal OR (cuboid NEAR/3 fracture?) OR cuneiform OR toe? OR phalan* OR interphalangeal OR shoulder? OR glenohumeral OR glenoid OR humer* OR (distal AND clavic*) OR coracoid OR elbow? OR radius OR radial OR ulna? OR olecranon OR wrist? OR Colles* OR (carpal NOT (carpal NEAR/3 tunnel)) OR metacarpal OR scaphoid OR trapezium OR hamate OR ((Jersey OR Mallet) NEXT/1 finger?) OR ((finger? NEAR/4 fracture?) NOT (liver OR bile)) OR ((hand? NEAR/4 fracture?) NOT ("on one hand" OR "on the other hand")) OR (((arm OR arms) NEAR/4 fracture?) NOT ((arm OR arms) NEAR/4 (placebo OR sham OR O OR C OR single OR trial OR control OR therapy OR treatment))) OR forearm? OR Colles* OR Bennett* OR Rolando* OR ((boxer* OR Jones*) NEXT/1 fracture?) OR Seymour* OR Monteggia* OR Torus OR ("posterior cruciate" OR ACL OR supraspinatus OR hamstring? OR "collateral ligament") AND avuls*) OR ((articular OR intraarticular OR periarticular) NOT (mandib* OR temporomandib* OR vertebra* OR spine OR spinal OR spondyl*)) OR "total joint":ti,ab,kw
6	#3 AND (#4 OR #5)
7	[mh "Wound Infection"] OR (([mh "Surgical Wound"] OR (wound? OR site?):ti,ab,kw) AND ([mh Infections] OR (infect* OR complication?):ti,ab,kw))
8	#6 AND #7
9	[mh "Anti-Bacterial Agents"] OR [mh "Antibiotic Prophylaxis"] OR (antimicrobial? OR antibiotic? OR antibacterial OR vancomycin OR clindamycin OR cephalosporin OR gentamicin OR tobramycin OR penicillin? OR ceftriaxone):ti,ab,kw
10	[mh "Time to Treatment"] OR ("time to treatment" OR "wait* time?" OR "operative timing" OR ((time OR timing OR timely OR delay* OR early OR "same day") NEAR/5 (surgery OR surgical OR fixat* OR reduction OR stabiliz* OR reconstruct* OR transfer*)):ti,ab,kw

11	[mh "Wound Closure Techniques"] OR [mh Bandages] OR [mh "Therapeutic Irrigation"] OR [mh Debridement] OR [mh "Tranexamic Acid"] OR [mh ^"Wound Healing"] OR [mh Drainage] OR (closure OR cover* OR dressing? OR irrigat* OR lavag* OR wash OR washed OR washes OR washout OR "wash out" OR washing OR rins* OR "negative pressure" OR sutur* OR bandag* OR gauze OR packing OR debrid* OR tranexamic OR drain* OR ((temporar* OR temporizing OR provisional OR definitive* OR span? OR spanned OR spanning) AND fixat*) OR ((temporar* OR definitive) NEAR/1 stabil*) OR (wound NEAR/5 (manag* OR care OR therap* OR treatment)) OR flap? OR transfer* OR silver OR (plastic AND surg*) OR hyperbaric OR sponge*):ti,ab,kw
12	[mh "Anti-Infective Agents, Local"] OR [mh Iodophors] OR (antiseptic? OR "anti septic?" OR "anti infect*" OR chlorhexidine OR iodine OR saline OR ((distilled OR soap) NEAR/2 water) OR (alcohol* AND pad) OR (skin NEAR/3 prep*)):ti,ab,kw
13	[mh Risk] OR ((risk? AND factor?) OR ((risk? OR rate? OR factor?) NEAR/6 (infect* OR SSI)) OR ((increas* OR decrease* OR reduce?) NEAR/3 infect*)):ti,ab,kw
14	#8 AND (#9 OR #10 OR #11 OR #12 OR #13)
15	[mh "Bone Diseases, Metabolic"] OR [mh "HIV Infections"] OR [mh Frailty] OR (([mh "Spinal Fractures"] OR (spine OR spinal):ti) NOT (tibia? OR hip OR femur):ti,ab,kw) OR (osteopor* OR frail* OR HIV OR "human immunodeficiency" OR vertebra*):ti OR (((fragility OR insufficiency OR "low energy") NEAR/4 fracture?) NOT ("high energy" OR gun* OR soldier?)):ti,ab
16	#14 NOT #15 with Publication Year from 1985 to 2020, in Trials
17	#16 with Cochrane Library publication date from Nov 2020 to Apr 2021

AAOS Approval Bodies

Committee on Evidence Based Quality and Value

The committee on Evidence Based Quality and Value (EBQV) consists of twenty-three 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.

Council on Research and Quality

The Council on Research and Quality promotes ethically and scientifically sound clinical and translational research to sustain patient care in musculoskeletal disorders. The Council also serves as the primary resource for educating its members, the public, and public policy makers regarding evidenced-based medical practice, orthopaedic devices and biologics, regulatory pathways and standards development, patient safety, and other related important research and quality areas. The Council is comprised of the chairs of the committees on Devices, Biologics, and Technology, Patient Safety, Research Development, U.S. and chair and section leaders of the Evidence Based Quality and Value committee. Also, on the Council are the second vice-president, three members at large, and representatives of the Diversity Advisory Board, Women's Health Issues Advisory Board, Board of Specialty Societies (BOS), Board of Councilors (BOC), Communications Cabinet, Orthopaedic Research Society (ORS), Orthopedic Research and Education Foundation (OREF).

Board of Directors

The 17-member Board of Directors manage the affairs of the AAOS, set policy, and oversee the Strategic Plan

Review Organizations

Review of the clinical practice guideline is completed by interested external organizations. The AAOS solicits reviewers for each clinical practice guideline. They consist of experts in the topic area and represent professional societies other than AAOS. Review organizations are nominated by the clinical practice guideline development group at the introductory meeting. Review responses are available on www.aaos.org/quality.

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

From: [Anna Quintanilla](#)
To: [Krause, Barbara](#)
Subject: RE: AAOS/METRC Appropriate Use Criteria for the Prevention of Surgical Site Infections After Major Extremity Trauma Endorsement Request
Date: Friday, April 22, 2022 11:27:16 AM
Attachments: [image002.png](#)
[image003.png](#)
[image004.png](#)

Caution - External

Hi Barb,

You can use this letter and yes, we are endorsing both.

Thanks again,

Anna

Anna K. Quintanilla, MA, CAE

Executive Director

American Shoulder and Elbow Surgeons

1515 East Woodfield Rd., Suite 345

Schaumburg, IL 60173

Phone: 847- 957-1373 | Fax: 847-268-9499

aquintanilla@ases-assn.org

www.ases-assn.org



Call for Abstracts Now Open
Deadline: Friday, May 13th, 2022



From: Anna Quintanilla <aquintanilla@ases-assn.org>
Sent: Friday, April 22, 2022 10:48 AM
To: Krause, Barbara <krause@aaos.org>
Subject: RE: AAOS/METRC Appropriate Use Criteria for the Prevention of Surgical Site Infections After Major Extremity Trauma Endorsement Request

Caution - External

Hello Barb,

ASES will formally endorse the CPG. Thank you for this opportunity.

All the best,

Anna K. Quintanilla, MA, CAE

Executive Director

American Shoulder and Elbow Surgeons

1515 East Woodfield Rd., Suite 345

Schaumburg, IL 60173

Phone: 847-957-1373 | Fax: 847-268-9499

aquintanilla@ases-assn.org

www.ases-assn.org



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If you do not wish to receive emails from the ASES, please reply to this email with "Unsubscribe" in the subject line.



April 27, 2022

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

Dear Ms. Sevarino,

The Pediatric Orthopaedic Society of North America (POSNA) agrees to endorse the AAOS Clinical Practice Guideline for the Prevention of Surgical Site Infections After Major Extremity Trauma. 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,

Teri Stech
Executive Director

1 Tower Lane, Suite 2410
Oakbrook Terrace, IL 60181



Dynamic. Decisive. Dedicated.

May 11, 2022

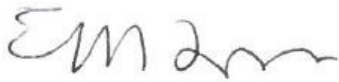
Kaitlyn S. Sevarino, MBA, CAE
Director, Department of Clinical Quality and Value
AAOS
9400 W. Higgins Road
Rosemont, IL 60018

Dear Ms. Sevarino,

The American Orthopaedic Foot & Ankle Society Board of Directors has voted to endorse both the AAOS Clinical Practice Guideline for the Prevention of Surgical Site Infections After Major Extremity Trauma and the AAOS Appropriate Use Criteria for the Prevention of Surgical Site Infections After Major Extremity Trauma. These endorsements imply permission for the AAOS to officially list our organization as an endorser of these documents and reprint our logo in the introductory section of each document.

Please send us the updated CPG and AUC when AOFAS logo has been included and we will share the documents with our membership. Thank you for the opportunity to provide volunteers to contribute to this work and for the society to endorse the work products.

Sincerely,



Elaine M. Leighton, MPH, CAE
Executive Director

Krause, Barbara

From: Demisashi, Genet <gdemisashi@idsociety.org>
Sent: Thursday, July 7, 2022 12:28 PM
To: Krause, Barbara
Subject: RE: AAOS/METRC Clinical Practice Guideline for the Prevention of Surgical Site Infections After Major Extremity Trauma Endorsement Request

Follow Up Flag: Follow up
Flag Status: Completed

Caution - External

Hi Barbara,

IDSA has officially endorsed the AUC and Guideline. We provided the following comments for consideration (see below).

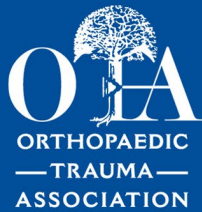
Thanks,
Genet

From: Demisashi, Genet
Sent: Wednesday, June 15, 2022 3:09 PM
To: Krause, Barbara <krause@aaos.org>
Subject: RE: AAOS/METRC Clinical Practice Guideline for the Prevention of Surgical Site Infections After Major Extremity Trauma Endorsement Request

Hi Barbara,

I am passing some comments for consideration. It's still with our Board for final approval. Thanks, Genet

- A minor point, but a final review for grammar errors is warranted... as an example, under pre-operative antibiotics in the CPG document, page 23/70 "If each subgroup deep and superficial infections) is individually compared, the decrease was not significant."
- Most of the GL refers to surgical processes of care but there are specific recommendations referring to appropriate antimicrobials. For perioperative ABX the GL recommends cefazolin or clinda, except for Type III (possible II) open fractures, for which additional gram-negative coverage is preferred. The GL does not include a specific 'gram-negative' ABX in the Initial Recommendation but does indicate pip/tazo is preferred in the text of 'Rationale'. It would be helpful to the user to list this in the initial recommendation (and provide alternatives).
- A major principle of approp ABX use is duration of therapy. Unfortunately there is not an official recommendation for duration. In the text under 'Rational' there are reviews of several studies that have different durations of therapy included. Again it would be helpful for the user to have better guidance on appropriate duration of therapy. Unnecessary prolonged duration is an issue.
- VERY LONG
- Page 9:
 - o Preoperative transfusion, intraoperative evaluation by a vascular service in patients with grade 3a, 3b open fractures with well perfused limbs, and preoperative MRSA positivity ~~has~~ have not been shown to alter the risk of postoperative infection. This is a list of 3 items (transfusion, evaluation by a vascular surgeon, and MRSA positivity) that have been evaluated in 3 separate studies. Not the combination of all 3 in a single patient.



Orthopaedic Trauma Association

Education ■ Research ■ Advocacy

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May 9, 2022

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

Dear Ms. Sevarino,

The EBQVS Committee and OTA Board of Directors have voted to endorse the AAOS Clinical Practice Guideline for the Prevention of Surgical Site Infections After Major Extremity Trauma. 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,

Michael Archdeacon, MD
OTA President