American Shoulder and Elbow Surgeons
“To support the ethical practice of evidence-based, high quality, cost-effective, shoulder and elbow care”

General Information

Educational Objectives
- Review basic science and orthopaedic problems relative to the shoulder and elbow.
- Examine the indications, techniques and results of various surgical procedures.
- Describe the management of common orthopaedic problems relative to the shoulder and elbow.
- Permit expert panelists to put into perspective new technologies.

Questions
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Accreditation
This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the American Academy of Orthopaedic Surgeons and the American Shoulder and Elbow Surgeons. The American Academy of Orthopaedic Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

Credit Hours
The American Academy of Orthopaedic Surgeons designates this live activity for a maximum of 7.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Disclaimer
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Presenters are listed in bold.

April D. Armstrong, MD, FRCSC, Program Co-Chair
George S. Athwal, MD, FRCSC, Program Co-Chair

Preliminary Program – Faculty and Presentations are subject to change.

7:25 am
Welcome and Opening Remarks
Jesse B. Jupiter, MD, President

7:30 am – 8:00 am
Session I: Shoulder Arthroplasty I

Moderators: Kenneth J. Faber, MD, FRCSC, ME, and Thomas (Quin) Throckmorton, MD

Paper #1
7:30 am – 7:35 am
Subscapularis Sparing Total Shoulder Arthroplasty: A Prospective, Double Blinded, Randomized Clinical Trial
Young W. Kwon, MD, PhD, Joseph D. Zuckerman, MD

Paper #2
7:35 am – 7:40 am
Finite Element Analysis of Glenoid-Sided Lateralization in Reverse Shoulder Arthroplasty
Patrick J. Denard, MD, Evan S. Lederman, MD, Bradford O. Parsons, MD, Anthony A. Romeo, MD

Paper #3
7:40 am – 7:45 am
Wear Rates of 32mm and 40mm Glenospheres in a Reverse Total Shoulder Arthroplasty in Vitro Wear Simulation Model
John R. Haggart, MD, Michael D. Newton, MS, Anthony Ho, MD, Samantha Harnett, BS, Kevin C. Baker, PhD, Michael Kurzdziel, MS, J. Michael Wiater, MD

Paper #4
7:45 am – 7:50 am
Posterior Augmented Glenoid Compared to Non-Augmented Glenoids for Treatment of Osteoarthritis
Thomas W. Wright, MD, Christopher Roche, MS, MBA, Sean G. Grey, MD, Pierre-Henri Flurin, MD, Joseph D. Zuckerman, MD

7:50 am – 8:00 am
Discussion

8:00 am – 8:30 am
Session II: Shoulder Arthroplasty II

Moderators: Anand M. Murthi, MD, and John W. Sperling, MD, MBA

Paper #5
8:00 am – 8:05 am
Three-Dimensional Preoperative Planning and Patients Specific Instrumentation
Joseph P. Iannotti, MD, PhD, Kyle Walker, MD, Eric Rodriguez, BS, Thomas E. Patterson, PhD, Bong Jae Jun, PhD, Eric T. Ricchetti, MD

Paper #6
8:05 am – 8:10 am
Liposomal Bupivacaine vs. Interscalene Nerve Block for Pain Control after Shoulder Arthroplasty: A Prospective Randomized Trial
Kelechi R. Okoroba, MD, Jonathan R. Lynch, MD, Robert A. Keller, MD, John Korona, BS, Chad Amato, BA, Brian K. Rill, MD, Patricia A. Kolowich, MD, Stephanie J. Muh, MD
8:10 am – 8:15 am  
**Paper #7**  
**Single Shot vs. Continuous Interscalene Block for Postoperative Pain Control following Primary Shoulder Arthroplasty: A Prospective Randomized Clinical Trial**  
Samer S. Hasan, MD, PhD, Robert H. Rolf, MD, Chris Scheuerman, BSN, RN, Kathryn Eten, BSN, RN, Thomas R. Elsass, MD  
8:15 am – 8:20 am  
**Paper #8**  
**Stage 1 Shoulder Arthroplasty: Risk Factors for Repeat Stage 1, Spacer Retention and Mortality**  
Jourdan M. Cancienne, MD, Stephen F. Brockmeier, MD, Brian C. Werner, MD  
8:20 am – 8:30 am  
**Discussion**  
8:30 am – 9:10 am  
**Symposium I: Arthroplasty Symposium**  
Moderators: Evan L. Flatow, MD, and Steven J. Klepps, MD  
8:30 am – 8:40 am  
**Approach to the Anatomic TSA: The Pros and Cons of the Peel, Tenotomy, LTO**  
Peter Lapner, MD  
8:40 am – 8:50 am  
**Stemless: What Do I Need to Know?**  
Ryan T. Bicknell, MD, MSc, FRCSC  
8:50 am – 9:00 am  
**The ABCs of Preoperative planning for TSA**  
Robert Z. Tashjian, MD  
9:00 am – 9:10 am  
**Discussion**  
9:10 am – 9:40 am  
**Session III: Rotator Cuff**  
Moderators: Jonathan C. Levy, MD, and Felix H. Savoie, III, MD  
9:10 am – 9:15 am  
**Effects of Autologous Tenocyte-Seeded Nanofibrous Scaffolds in Rotator Cuff Repair Are Age-Dependent**  
Julianne Huegel, PhD, Dong Hwa Kim, James M. Cirone, BS, Adam M. Pardes, BS, Tyler R. Morris, MD, Courtney A. Nuss, Robert L. Mauck, PhD, Louis J. Soslowsky, PhD, Andrew F. Kuntz, MD  
9:15 am – 9:20 am  
**Stiffness/Capsulitis and Rotator Cuff Repair – Friend or Foe?**  
Prof. George A.C. Murrell, MD, Elizabeth R.X. Tham, William J. McNamara, Jordan McGrath, Daniel Y.T. Yeo, Lisa Hackett, Patrick H. Lam, PhD  
9:20 am – 9:25 am  
**A Prospective Evaluation of Predictors of Pain after Arthroscopic Rotator Cuff Repair: Psychosocial Factors Have a Stronger Association than Structural Factors**  
Amy L. Ravindra, MD, Grant L. Jones, MD, Julie Y. Bishop, MD  
9:25 am – 9:30 am  
**Teres Minor Hypertrophy Is a Common and Negative Predictor of Outcomes after Rotator Cuff Repair**  
Charles A. Thigpen, PhD, PT, ATC, Michael J. Kissenberth, MD, Quinn Hunt, Stefan J. Tolan, MD, Steven D. Swinehart, MD, Christina S. Dutta, BS, MD, Troy A. Roberson, MD, Richard J. Hawkins, MD, John M. Tokish, MD  
9:30 am – 9:40 am  
**Discussion**  
9:40 am – 9:55 am  
**How-To Videos: Management of Glenoid Bone Loss in RTSA**  
Moderators: Mark A. Frankle, MD, and Russell F. Warren, MD  
9:55 am – 10:00 am  
**With Humeral Bone**  
Gregory P. Nicholson, MD  
10:00 am – 10:05 am  
**With Metal**  
Howard D. Routman, DO  
10:05 am – 10:10 am  
**With Iliac Crest**  
Joaquin Sanchez-Sotelo, MD, PhD  
10:10 am – 10:15 am  
**Discussion**  
10:15 am – 10:40 am  
**Session IV: Elbow**  
Moderator: Graham J.W. King, MD, FRCSC, and Leesa M. Galatz, MD  
10:15 am – 10:20 am  
**Surgical Treatment of Lateral Epicondylitis: A Prospective, Randomized, Double Blinded, Placebo Controlled Clinical Trial**  
Martin Kroslak, MBBS, MS, Prof. George A.C. Murrell, MD  
10:20 am – 10:25 am  
**The Distal Biceps Deficient Arm, “The Short Arc Syndrome”**  
Christopher C. Schmidt, MD, Brandon T. Brown, MS, Daniel L. Schmidt, Michael P. Smolinski, BS, Tyler J. Madonna, BS, Zuhair Sarmast, MD, Kenneth J. Faber, MD, FRCSC, MD, Patrick J. Smolinski, PhD, Mark C. Miller, PhD  
10:25 am – 10:30 am  
**Analysis of 800 Surgically Treated Distal Biceps Tendon Ruptures**  
Taylor R. Dunphy, MD, Justin Hudson, MD, Michael Batech, PhD, Daniel C. Acevedo, MD, Raffy Mirzayan, MD  
10:30 am – 10:40 am  
**Discussion**  
10:40 am – 10:55 am  
**How-To Videos: Management of Glenoid Bone Loss in RTSA**  
Moderators: Joseph A. Abboud, MD, and Bernard F. Morrey, MD  
10:40 am – 10:45 am  
**Distal Triceps**  
Jay D. Keener, MD  
10:45 am – 10:50 am  
**Lateral Collateral Ligament Reconstruction**  
Shawn W. O’Driscoll, PhD, MD
10:50 am – 10:55 am Discussion

10:55 am – 11:20 am **Session V: Shoulder Instability**

**Moderators:** Asheesh Bedi, MD, and Jonathan P. Braman, MD

**Paper #16**
10:55 am – 11:00 am A Prospective Comparative Study of Arthroscopic vs. Open Latarjet in the Treatment of Anterior Shoulder Instability with Marked Glenoid Bone Loss

**Yiming Zhu, MD, Chunyan Jiang, MD**

**Paper #17**
11:00 am – 11:05 am Suture Button Fixation is an Alternative to Screw Fixation for Latarjet Procedure

**Pascal Boileau, MD, Patrick Gendre, MD, Thomas d’Ollonne, MD, Olivier Gastaud, MD, Jean-François Gonzalez, MD, PhD, Brian L. Seeto, MD**

**Paper #18**
11:05 am – 11:10 am The Critical Bone Loss of the Glenoid That Leads to Recurrent Glenohumeral Instability Following Arthroscopic Bankart Repair in Anterior Shoulder Instability

**Sang-Jin Shin, MD, PhD, Rag Gyu Kim, MD, Yoon Sang Jeon, MD**

11:10 am – 11:20 am Discussion

11:20 am – 11:35 am **How-To Videos: Instability**

**Moderators:** Laurent Lafosse, MD, and Bradford O. Parsons, MD

11:20 am – 11:25 am Tips and Pearls of Anterior Labral Repair

**Jeffrey S. Abrams, MD**

11:25 am – 11:30 am Tips and Pearls of Posterior Labral Repair

**Larry D. Field, MD**

11:30 am – 11:35 am Discussion

11:35 am – 11:45 pm NEER AWARD PRESENTATION

**Jesse B. Jupiter, MD, President**

11:45 am – 12:40 pm Lunch

12:40 pm – 1:30 pm **Symposium II: Management of the Massive Irreparable Cuff Tear in the Younger Patient in 5 Minutes or Less: Defend Your Operation!**

**Moderators:** William N. Levine, MD, and Gilles Walsh, MD

12:40 pm – 12:45 pm Debridement and Biceps

**Paul M. Sethi, MD**

12:45 pm – 12:50 pm Partial Repair

**Mark D. Lazarus, MD**

12:50 pm – 12:55 pm SCR (Superior Capsular Reconstruction)

**Anthony A. Romeo, MD**

12:55 pm – 1:00 pm Graft Augmentation

**Joseph P. Iannotti, MD, PhD**

1:00 pm – 1:05 pm Subacromial Balloon

**John M. Tokish, MD**

1:05 pm – 1:10 pm Latsissimus Dorsi Transfer

**Christian Gerber, MD**

1:10 pm – 1:15 pm Trapezius Tendon Transfers

**Bassem T. Elhassan, MD**

1:15 pm – 1:30 pm Discussion

1:30 pm – 1:55 pm **Session VI: Infection**

**Moderators:** Derek J. Cuff, MD, and G. Russell Huffman, MD, MPH

**Paper #19**
1:30 pm – 1:35 pm The Cytotoxicity Profile of Vancomycin Hydrochloride on Proliferating Osteoblasts, Fibroblasts, and Myoblasts

**James X. Liu, MD, John Buza, MD, Thorsten Kirsch, PhD, Oran D. Kennedy, PhD, Andrew S. Rokito, MD, Joseph D. Zuckerman, MD, Mandeep Virk, MD**

**Paper #20**
1:35 pm – 1:40 pm A Rapid Detection Method for Propionibacterium acnes from Surgical Biopsies of the Shoulder

**Scott Holmes, MSc, Ana Pena Diaz, MSc, George S. Atbual, MD, FRCSC, Kenneth J. Faber, MD, FRCSC, MEd, David B. O’Gorman, MSc, PhD**

**Paper #21**
1:40 pm – 1:45 pm Hemolysis Is a Diagnostic Adjuvant for Propionibacterium acnes Orthopaedic Shoulder Infection

**Kathleen Boyle, MD, Scott Nodzo, MD, Travis Wright, BA, John K. Crane, MD, PhD, Thomas R. Duquin, MD**

1:45 pm – 1:55 pm Discussion

1:55 pm – 2:30 pm **Session VII: Shoulder and Elbow Trauma**

**Moderators:** Joshua S. Dines, MD, and T. Bradley Edwards, MD

**Paper #22**
1:55 pm – 2:00 pm Are Outcomes of Uncemented Reverse Shoulder Arthroplasty for Acute Proximal Humerus Fractures Equivalent to Cemented Stems?

**Bradley S. Schoch, MD, William R. Aibinder, MD, Jordan Walters, MD, John W. Sperling, MD, MBA, Thomas (Quin) Throckmorton, MD, Joaquin Sanchez-Sotelo, MD, PhD, Thomas R. Duquin, MD**

**Paper #23**
2:00 pm – 2:05 pm Early vs. Late Reverse Shoulder Arthroplasty for Proximal Humerus Fractures: Does It Matter?

**Adam J. Seidl, MD, Daniel Sholder, BS, William Warrender, MD, Michael G. Livesey, BS, Gerald R. Williams, Jr., MD, Joseph A. Abboud, MD, Surena Namdari, MD, MSc**
Paper #24
2:05 pm – 2:10 pm
Role of the Lateral Collateral Ligament in Posteromedial Rotatory Instability of the Elbow
Enrico Bellato, MD, Youngbok Kim, MD, Lawrence J. Berglund, BS, Alexander W. Hooke, MA, James S. Fitzsimmons, BSc, Shawn W. O’Driscoll, PhD, MD

Paper #25
2:10 pm – 2:15 pm
Simple Decompression vs. Anterior Transposition of the Ulnar Nerve for Distal Humerus Fractures Treated with Plate Fixation: A Multi Centre Randomized Controlled Trial
Emil H. Schemitsch, MD, Michael D. Mckee, MD, Niloofar Dehghan, MD, Jeremy Hall, MD, FRCS (Ortho), MEd, Robert G. McCormack, MD, Steven R. Papp, MD, Brad Petrisor, MD, Diane Nam, MD, Elliott Pally, MD, J. Andrew I. Trenholm, MD, FRCS, Ted Tufescu, FRCS, Milena Vicente, RN, Aaron Nauth, MD

Paper #26
2:15 pm – 2:20 pm
The Effect of Associated Fractures/Dislocations on Outcomes of Unreconstructable Radial Head Fractures Managed with Radial Head Arthroplasty: A Cohort Comparison
Jason Strelzow, MD, FRCSC, Joy MacDermid, PT, PhD, Kenneth J. Faber, MD, FRCS, MEd, Darren S. Drosdowech, MD, FRCS, Ruby Greval, MD, FRCS, George S. Athwal, MD, FRCS, Graham J.W. King, MD, FRCS

2:20 pm – 2:30 pm Discussion
2:30 pm – 3:00 pm Break

Saturday, March 18, 2017
San Diego Convention Center
Ballroom: 20C
3:00 pm – 5:00 pm
Orthopaedic Trauma Association and Association of Shoulder and Elbow Surgeons Combined Session

3:00 pm – 3:50 pm
The Use of Evidence-Based Medicine for Proximal Humeral Fractures and Their Complications
Moderators: Mohit Bhandari, MD, FRCSC, PhD (OTA) and Jon J.P. Warner, MD (ASES)
3:00 pm – 3:10 pm
Locking Plate Fixation: Can We Do Better? Emil H. Schemitsch, MD (OTA)
3:10 pm – 3:20 pm
Displaced Proximal Humeral Fracture in > 70 Year Old Brett D. Crist, MD (OTA)
3:20 pm – 3:30 pm
How to Decide Between Hemi vs. RSA Pascal Boileau, MD (ASES)

3:30 pm – 3:40 pm Greater Tuberosity Fractures, Dew Indications? Dominique Rouleau, MD (ASES)
3:40 pm – 3:50 pm Discussion
3:50 pm – 4:20 pm Complex Fractures of the Upper Extremity: How I Fix Them
Moderators: Kyle J. Jeray, MD (OTA) and Matthew L. Ramsey, MD (ASES)
3:50 pm – 3:55 pm Anteromedial Coronoid (Video) Mark S. Cohen, MD (OTA)
3:55 pm – 4:00 pm Anterior Glenoid Rim (Open and Arthroscopic) (Video) Scott P. Steinmann, MD (ASES)
4:00 pm – 4:05 pm Monteggia Injuries: A Step-by-Step Approach (Video) Charles L. Getz, MD (ASES)
4:05 pm – 4:10 pm Acute AC Joint Injuries (Video) John E. (Jed) Kabn, MD (ASES)
4:10 pm – 4:20 pm Discussion

4:20 pm – 5:00 pm Controversial Upper Extremity Fractures: To Fix or Not?
Moderators: Gregory J. Della Rocca, MD, PhD, FACS (OTA) and David C. Ring, MD, PhD (ASES)
4:20 pm – 4:30 pm What I Have Learned the Most about Treating Patients with Clavicle Fractures Michael D. Mckee, MD (OTA)
4:30 pm – 4:40 pm What I Have Learned the Most about Treating Patients with Humeral Shaft Fractures John T. Gorczyca, MD (OTA)
4:40 pm – 4:50 pm What I Have Learned the Most about Treating Patients with Distal Humerus Fractures Graham J.W. King, MD, FRCSC (ASES)
4:50 pm – 5:00 pm Discussion
5:00 pm Adjourn