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
The material presented at the 2017 Specialty Day Meeting has been made available by the American Shoulder and Elbow Surgeons for educational purposes only. This material is not intended to represent the only, nor necessarily best, method or procedure appropriate for the medical situations discussed, but rather is intended to present an approach, view, statement or opinion of the faculty, which may be helpful to others who face similar situations.

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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, MEd, 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 Hartner, BS, Kevin C. Baker, PhD, Michael Kurdziel, 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 Improve Glenoid Component Positioning
           Joseph P. Iannotti, MD, PhD, Kyle Walker, MD, Eric Rodriguez, BS, Thomas E. Patterson, PhD, Bong Jae Jun, PhD, Eric T. Ricchetti, MD

8:05 am – 8:10 am  Posterior Augmented Glenoid Compared to Non-Augmented Glenoids for Treatment of Osteoarthritis

8:10 am – 9:00 am  Discussion

9:00 am – 9:30 am  Session III: Shoulder Arthroplasty III

Moderators: April D. Armstrong, MD, FRCSC, and George S. Athwal, MD, FRCSC

Paper #7  9:00 am – 9:05 am  Posterior Augmented Glenoid Compared to Non-Augmented Glenoids for Treatment of Osteoarthritis
           Joseph P. Iannotti, MD, PhD, Kyle Walker, MD, Eric Rodriguez, BS, Thomas E. Patterson, PhD, Bong Jae Jun, PhD, Eric T. Ricchetti, MD

9:05 am – 9:10 am  Posterior Augmented Glenoid Compared to Non-Augmented Glenoids for Treatment of Osteoarthritis

9:10 am – 9:50 am  Discussion

9:50 am – 10:30 am  Session IV: Shoulder Arthroplasty IV

Moderators: April D. Armstrong, MD, FRCSC, and George S. Athwal, MD, FRCSC

Paper #8  10:00 am – 10:05 am  Three-Dimensional Preoperative Planning and Patients Specific Instrumentation Improve Glenoid Component Positioning
           Joseph P. Iannotti, MD, PhD, Kyle Walker, MD, Eric Rodriguez, BS, Thomas E. Patterson, PhD, Bong Jae Jun, PhD, Eric T. Ricchetti, MD

10:05 am – 10:10 am  Three-Dimensional Preoperative Planning and Patients Specific Instrumentation Improve Glenoid Component Positioning

10:10 am – 10:30 am  Discussion

10:30 am – 11:00 am  Poster Presentations

11:00 am – 11:30 am  Poster Presentations

11:30 am – 12:00 pm  Poster Presentations

12:00 pm – 1:30 pm  Lunch

1:30 pm – 2:30 pm  Session V: Shoulder Arthroplasty V

Moderators: April D. Armstrong, MD, FRCSC, and George S. Athwal, MD, FRCSC

Paper #9  1:30 pm – 1:35 pm  Three-Dimensional Preoperative Planning and Patients Specific Instrumentation Improve Glenoid Component Positioning
           Joseph P. Iannotti, MD, PhD, Kyle Walker, MD, Eric Rodriguez, BS, Thomas E. Patterson, PhD, Bong Jae Jun, PhD, Eric T. Ricchetti, MD

1:35 pm – 1:40 pm  Three-Dimensional Preoperative Planning and Patients Specific Instrumentation Improve Glenoid Component Positioning

1:40 pm – 2:20 pm  Discussion

2:20 pm – 2:30 pm  Break

2:30 pm – 3:30 pm  Session VI: Shoulder Arthroplasty VI

Moderators: April D. Armstrong, MD, FRCSC, and George S. Athwal, MD, FRCSC

Paper #10  2:30 pm – 2:35 pm  Three-Dimensional Preoperative Planning and Patients Specific Instrumentation Improve Glenoid Component Positioning
           Joseph P. Iannotti, MD, PhD, Kyle Walker, MD, Eric Rodriguez, BS, Thomas E. Patterson, PhD, Bong Jae Jun, PhD, Eric T. Ricchetti, MD

2:35 pm – 2:40 pm  Three-Dimensional Preoperative Planning and Patients Specific Instrumentation Improve Glenoid Component Positioning

2:40 pm – 3:20 pm  Discussion

3:20 pm – 3:30 pm  Break

3:30 pm – 4:30 pm  Session VII: Shoulder Arthroplasty VII

Moderators: April D. Armstrong, MD, FRCSC, and George S. Athwal, MD, FRCSC

Paper #11  3:30 pm – 3:35 pm  Three-Dimensional Preoperative Planning and Patients Specific Instrumentation Improve Glenoid Component Positioning
           Joseph P. Iannotti, MD, PhD, Kyle Walker, MD, Eric Rodriguez, BS, Thomas E. Patterson, PhD, Bong Jae Jun, PhD, Eric T. Ricchetti, MD

3:35 pm – 3:40 pm  Three-Dimensional Preoperative Planning and Patients Specific Instrumentation Improve Glenoid Component Positioning

3:40 pm – 4:20 pm  Discussion

4:20 pm – 4:30 pm  Break

4:30 pm – 5:30 pm  Session VIII: Shoulder Arthroplasty VIII

Moderators: April D. Armstrong, MD, FRCSC, and George S. Athwal, MD, FRCSC

Paper #12  4:30 pm – 4:35 pm  Three-Dimensional Preoperative Planning and Patients Specific Instrumentation Improve Glenoid Component Positioning
           Joseph P. Iannotti, MD, PhD, Kyle Walker, MD, Eric Rodriguez, BS, Thomas E. Patterson, PhD, Bong Jae Jun, PhD, Eric T. Ricchetti, MD

4:35 pm – 4:40 pm  Three-Dimensional Preoperative Planning and Patients Specific Instrumentation Improve Glenoid Component Positioning

4:40 pm – 5:20 pm  Discussion

5:20 pm – 5:30 pm  Break

5:30 pm – 6:30 pm  Session IX: Shoulder Arthroplasty IX

Moderators: April D. Armstrong, MD, FRCSC, and George S. Athwal, MD, FRCSC

Paper #13  5:30 pm – 5:35 pm  Three-Dimensional Preoperative Planning and Patients Specific Instrumentation Improve Glenoid Component Positioning
           Joseph P. Iannotti, MD, PhD, Kyle Walker, MD, Eric Rodriguez, BS, Thomas E. Patterson, PhD, Bong Jae Jun, PhD, Eric T. Ricchetti, MD

5:35 pm – 5:40 pm  Three-Dimensional Preoperative Planning and Patients Specific Instrumentation Improve Glenoid Component Positioning

5:40 pm – 6:20 pm  Discussion

6:20 pm – 6:30 pm  Break

6:30 pm – 7:30 pm  Session X: Shoulder Arthroplasty X

Moderators: April D. Armstrong, MD, FRCSC, and George S. Athwal, MD, FRCSC

Paper #14  6:30 pm – 6:35 pm  Three-Dimensional Preoperative Planning and Patients Specific Instrumentation Improve Glenoid Component Positioning
           Joseph P. Iannotti, MD, PhD, Kyle Walker, MD, Eric Rodriguez, BS, Thomas E. Patterson, PhD, Bong Jae Jun, PhD, Eric T. Ricchetti, MD

6:35 pm – 6:40 pm  Three-Dimensional Preoperative Planning and Patients Specific Instrumentation Improve Glenoid Component Positioning

6:40 pm – 7:20 pm  Discussion

7:20 pm – 8:00 pm  Question Period

8:00 pm – 9:00 pm  Closing Remarks

9:00 pm – 10:00 pm  Reception and Awards Ceremony

10:00 pm – 11:00 pm  Post-Congress Dinner

Saturday, March 18, 2017
San Diego Convention Center
Ballroom 20C
7:25 am – 5:00 pm

American Shoulder and Elbow Surgeons
“To support the ethical practice of evidence-based, high quality, cost-effective, shoulder and elbow care”
Paper #7  
8:10 am – 8:15 am  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  

Paper #8  
8:15 am – 8:20 am  Stage 1 Shoulder Arthroplasty: Risk Factors for Repeat Stage I, 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  

Paper #9  
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. Cicone, BS, Adam M. Pardee, BS, Tyler R. Morris, MD, Courtney A. Nuss, Robert L. Mauck, PhD, Louis J. Soslowsky, PhD, Andrew F. Kuntz, MD  

Paper #10  
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  

Paper #11  
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  

Paper #12  
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. Kissenerth, MD, Quinn Hunt, Stefan J. Tolan, MD, Steven D. Swinehart, MD, Christina S. Gutea, 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  Break  

9:55 am – 10:15 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  

Paper #13  
10:15 am – 10:20 am  Surgical Treatment of Lateral Epicondylitis: A Prospective, Randomized, Double Blinded, Placebo Controlled Clinical Trial  
Martin Krosnak, MBBS, MS, Prof. George A.C. Murrell, MD  

Paper #14  
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. Madalena, BS, Zubair Sarmast, MD, Kenneth J. Faber, MD, FRCSC, MEd, Patrick J. Smolinski, PhD, Mark C. Miller, PhD  

Paper #15  
10:25 am – 10:30 am  Analysis of 784 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: Elbow  
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 am 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 Walch, 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 Latissimus Dorsi Transfer
Christian Gerber, MD
1:10 pm – 1:15 pm Trapezius Tendon Transfers
Bassem T. Elbassan, 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. Athwal, MD, FRCS, Kenneth J. Faber, MD, FRCS, 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
K. Keely Boyle, MD, Scott Nordzo, 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*  

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 (Videos)**  

**Moderators:** Kyle J. Jeray, MD (OTA) and Matthew L. Ramsey, MD (ASES)  

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. Trenbolm, MD, FRCS, Ted Tufescu, FRCS, MD, Milena Vicente, RN, Aaron Nauth, MD*  

3:50 pm – 3:55 pm  
Anteromedial Coronoid  
*David C. Ring, MD (OTA)*  

3:55 pm – 4:00 pm  
Anterior Glenoid Rim (Open and Arthroscopic)  
*Scott P. Steinmann, MD (ASES)*  

4:00 pm – 4:05 pm  
Monteggia Injuries: A Step-by-Step Approach  
*Charles L. Getz, MD (ASES)*  

4:05 pm – 4:10 pm  
Acute AC Joint Injuries  
*John E. (Jed) Kuhn, 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)  

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 Srebczou, MD, FRCS, Joy MacDermid, PT, PhD, Kenneth J. Faber, MD, FRCS, MEd, Darren S. Drosdowech, MD, FRCS, Ruby Grewal, 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  
Room: 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, PhD, FRCS (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 Fractures in the Elderly: Indications for Fixation  
*Brett D. Crist, MD (OTA)*  

3:20 pm – 3:30 pm  
Hemiarthroplasty vs. Reverse for Acute Fractures?  
*Pascal Boileau, MD (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, FRCS (ASES)*  

4:50 pm – 5:00 pm  
Discussion  

5:00 pm  
Adjourn