6:00 – 7:00 am Exhibit Hall Open

6:55 am Welcome and Announcements
William J. Mallon, MD, President
Dean G. Sotereanos, MD, Program Committee Co-Chair
John W. Sperling, MD, MBA, Program Committee Co-Chair

7:00 – 7:50 am
**Session 1: Shoulder Reconstruction**
*Moderators: Thomas W. Wright, MD and C. Benjamin Ma, MD*

**Paper #1**
7:00 am Two Year Results of All Arthroscopic Resurfacing of the Glenohumeral Joint with Fresh Osteochondral Allograft: A Prospective Study
*Reuben Gobezie, MD, Yousef Shishani, MD, Janice Flocken, MS, Jonathan Streit, MD, Ryan M. Carr, MD*

7:05 am Discussion

**Paper #2**
7:10 am Clinical and Radiographic Outcomes of the Simpliciti Stemless Shoulder Arthroplasty System: A Prospective 2 Year Multi-Center Study
*R. Sean Churchill, MD, Christopher R. Chuinard, MD, MPH, J. Michael Wiater, MD, Richard J. Friedman, MD, FRCSC, Michael Q. Freehill, MD, Scott R. Jacobson, MD, Edwin E. Spencer, Jr., MD, G. Brian Holloway, MD, Jocelyn Ross Wittstein, MD, Tally E. Lassiter, Jr., MD, Matthew J. Smith, MD, Theodore A. Blaine, MD, Gregory P. Nicholson, MD*

7:15 am Discussion

**Paper #3**
7:20 am Comparison of Cemented Polyethylene Peg and Hybrid Cage Glenoids in Total Shoulder Arthroplasty
*Pierre-Henri Flurin, MD, Sean G. Grey, MD, Thomas W. Wright, MD, Joseph D. Zuckerman, MD, Christopher Roche, MSE, MBA, Richard J. Friedman, MD, FRCSC*
7:25 am Discussion

**Paper #4**
7:30 am A Finite Element Analysis of Augmented Glenoid Components
*Nikolas K. Knowles, BEng, G. Daniel G. Langohr, MASc, George S. Athwal, MD, FRCSC, Louis M. Ferreira, PhD*

7:35 am Discussion

**Paper #5**
7:40 am Sequential Three-Dimensional Computed Tomography Analysis of Implant Position Following Total Shoulder Arthroplasty
*Eric T. Ricchetti, MD, Richard A. Cain, Jr. MD, Bong-Jae Jun, PhD, Ari R. Youderian, Eric J. Rodriguez, BS, David Kusin, Bashar Alolabi, MD, MSc, FRCSC, Naveen Subhas, MD, Thomas E. Patterson, PhD, Joseph P. Iannotti, MD, PhD*

7:45 am Discussion

7:50 – 8:40 am
**Symposium I: B2 Glenoid Dilemma: 50 Year-Old Patient**
*Moderator: Edward V. Craig, MD*

7:50 am Humeral Head Replacement – *W.Z. (Buz) Burkhead, Jr., MD*
7:56 am Bone Grafting – *George S. Athwal, MD, FRCSC*
8:02 am Augmented Glenoid – *Thomas W. Wright, MD*
8:08 am Reverse Arthroplasty – *Tom R. Norris, MD*
8:14 am Discussion

8:40 – 9:20 am
**Session II: Shoulder Instability**
*Moderators: Wesley M. Nottage, MD and James P. Bradley, MD*

**Paper #6**
8:40 am Predictive Value and Clinical Validation of the “On-Track” vs. “Off-Track” Concept in Bipolar Bone Loss in Anterior Glenohumeral Instability
*John M. Tokish, MD, James S. Shaha, MD, Jay B. Cook, MD, Douglas J. Rowles, MD, Steven H. Shaha, Craig R. Bottoni, MD*

8:45 am Discussion

**Paper #7**
8:50 am The Effects of Latarjet Reconstruction on Glenohumeral Instability in the Presence of Combined Bony Defects: A Cadaveric Model
*Ronak M. Patel, MD, Piyush Walia, MS, Lionel J. Gottschalk, IV, MD, Matthew Kuklis, MS, Morgan H. Jones, MD, Stephen D. Fening, PhD, Anthony Miniaci, MD, FRCSC*

8:55 am Discussion
Paper #8
9:00 am Comparison of Arthroscopic and Open Latarjet with a Learning Curve Analysis
Gregory Cunningham, Samy Benchouk, MD, Omar Kherad, Alexandre Lädermann, MD

9:05 am Discussion

Paper #9
9:10 am Posterior Shoulder Instability in Throwing Athletes: A Case-Matched Comparison of Throwers and Non-Throwers
Michael P. McClincy, MD, Justin W. Arner, MD, James P. Bradley, MD

9:15 am Discussion

9:20 am Break
Exhibit Hall Open

9:40 – 10:30 am
Point/Counter-Point
Moderator: Gary M. Gartsman, MD

9:40 – 9:57 am
SLAP Tear
Fix the SLAP – vs. – Tenodesis of the Biceps
James R. Andrews, MD Hussein A. Elkousy, MD

9:57 – 10:13 am
Contact Athlete with Shoulder Instability
Arthroscopic Bankart – vs. – Latarjet
Anthony A. Romeo, MD T. Bradley Edwards, MD

10:13 – 10:30 am
Rotator Cuff Repair
Single Row – vs. – Double Row
Jeffrey S. Abrams, MD Anthony A. Romeo, MD

10:30 am Invited Guest Speaker – SECEC Presidential Address
Stemless Shoulder Arthroplasty: European Experience
Frank Gohlke, MD

10:40 – 11:30 am
Session III: Rotator Cuff
Moderators: Patrick J. McMahon, MD and April D. Armstrong, MD

Paper #10
10:40 am Partial Rotator Cuff Repair and Biceps Tenotomy for the Treatment of Patients with Massive Cuff Tears and Retained Overhead Elevation: Mid-Term Outcomes with a Minimum 5 Years of Follow-Up
Derek J. Cuff, MD, Brandon G. Santoni, PhD, Derek Pupello, MBA
10:45 am  Discussion

**Paper #11**
10:50 am  The Effect of Postoperative Immobilization on Clinical Outcome and Cuff Integrity Following Arthroscopic Rotator Cuff Repair: A Prospective, Randomized Study of Ultrasling vs. Abduction Pillow
*Allen A. Deutsch, MD*

10:55 am  Discussion

**Paper #12**
11:00 am  Clinical and Radiologic Outcome of Arthroscopic Rotator Cuff Repair: Single-Row vs. Transosseous Equivalent Repair
*Seung Gyoong Kang, MD, Seung Yeop Song, MD, Keun Min Park, MD, Jae Chul Yoo, MD*

11:05 am  Discussion

**Paper #13**
11:10 am  Correlation of Clinical Outcomes of Retear and Tear Progression after Arthroscopic Rotator Cuff Repair
*Sang-Jin Shin, MD, PhD, Juyeob Lee, MD, Young-Won Koh, MD*

11:15 am  Discussion

**Paper #14**
11:20 am  Arthroscopic Assisted Latissimus Dorsi Transfer for Irreparable Postero-Superior Cuff Tear: Functional Results and Prognostic Factors
*Felipe Reinares, MD, Philippe Valenti, MD*

11:25 am  Discussion

11:30 am  First Business Meeting

11:30 am  Exhibit Hall Open

12:30 pm  Adjourn
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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>6:00</td>
<td>Exhibit Hall Open</td>
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<td>6:55 am</td>
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<td>John W. Sperling, MD, MBA, Program Committee Co-Chair</td>
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| 7:00 – 8:00 am | **Session IV: Shoulder Fractures**  
|            | Moderators: Jose Francisco Soza Rex, MD and Carl J. Basamania, MD    |
| **Paper #15** | Mortality after Proximal Humerus Fractures  
| 7:00 am    | John-Erik Bell, MD, MS, Robert V. Cantu, MD, MS, Julie P. W. Bynum, MD, MPH,  
|            | Qianfei Wang, MS, Tamara Morgan, MA, Tor D. Tosteson, ScD, Christine M.  
|            | McDonough, PT, PhD, Anna N.A. Tosteson, ScD                          |
| 7:05 am  | Discussion                                                            |
| 7:10 am   | Samuel Rosas, BS, Tsun Yee Law, MD, Jennifer Kurowicki, BS, Nathan T. Formaini, DO, Steven P. Kalandiak, MD, Jonathan C. Levy, MD |
| 7:15 am  | Discussion                                                            |
| **Paper #17** | Surgeon-Controlled Variables for Tuberosity Healing after Shoulder Hemiarthroplasty for Fracture  
| 7:20 am   | Anshuman Singh, MD, Michael A. Padilla, MD, Eric Nyberg, BS, Mary Chocas, BS, Oke A. Anakwenze, MD, Raffy Mirzayan, MD, Ronald A. Navarro, MD |
| 7:25 am  | Discussion                                                            |
| **Paper #18** | Decision Making for Proximal Humeral Fractures: Analysis of the Applicability of our New Evidence Based Algorithm  
| 7:30 am   | Bernhard Jost, MD, Vilijam Zdravkovic, MD, Christian Spross, MD       |
| 7:35 am  | Discussion                                                            |
| **Paper #19** | The Management of a Clavicle Nonunion with Segmental Bone Loss and Shoulder Deformity  
| 7:40 am   | Jesse B. Jupiter, MD                                                  |
| 7:45 am  | Discussion                                                            |
Paper #20
7:50 am Patient Factors Influencing Return to Work and Cumulative Financial Claims after Clavicle Fractures in Workers Compensation Cases
Edward J. Shields, MD, Caroline Thirukumaran, Robert J. Thorsness, MD, Katia Noyes, PhD, MPH, Ilya Voloshin, MD

7:55 am Discussion

8:00 – 8:50 am Symposium II: Posterior Shoulder Pain, More Common Than You Think
This symposium will address the management of patients with posterior shoulder pathology. Several etiologies of posterior shoulder pain will be addressed including posterior labral tears, posterior dislocations, the suprascapular nerve, scapulothoracic bursitis, and scapular winging. The surgical techniques and pearls will be discussed to better understand the complexities of posterior shoulder pain and the best procedure to treat your patient and achieve a successful outcome.
Moderator: Kevin D. Plancher, MD
8:00 am Introduction – Kevin D. Plancher, MD
8:03 am Posterior Labral Tears and Posterior Dislocations – Felix H. Savoie, III, MD
8:11 am The Role of the Suprascapular Nerve – Kevin D. Plancher, MD
8:19 am Scapulothoracic Bursitis and Crepitus – John E. (Jed) Kuhn, MD
8:27 am Scapular Winging – Evan L. Flatow, MD
8:35 am Discussion: Questions & Answers

8:50 – 9:20 am Presidential Address
William J. Mallon, MD

9:20 am Break
Exhibit Hall Open

9:40 – 10:10 am Session V: Elbow
Moderators: Michael Hausman, MD and Ilya Voloshin, MD

Paper #21
9:40 am Arthroscopic vs. Open Lateral Release for the Treatment of Lateral Epicondylitis: A Prospective Randomized Controlled Trial
Peter B. MacDonald, MD, FRCSC, Tod Clark, MD, FRCSC, Sheila McRae, MSc, PhD, Jeff Leiter, MSc, PhD, Jamie Dubberley, MD, FRCSC

9:45 am Discussion

Paper #22
9:50 am Factors that Determine Supination Strength Following Distal Biceps Repair
Christopher C. Schmidt, MD, Brandon T. Brown, MS, Lars M. Qvick, MD, Rafal Z. Stachowicz, MD, Carmen R. Latona, MD, Mark C. Miller, PhD

9:55 am Discussion
Paper #23
10:00 am Dynamometer Elbow Strength and Endurance Testing After Distal Biceps Reconstruction with Allograft
Nimrod Snir, MD, Alan W. McGee, MD, Steven Shamah, BA, Eric Strauss, MD, Laith M. Jazrawi, MD

10:05 am Discussion

10:10 – 11:00 am
Symposium III:
Case Based Decision-Making in Rotator Cuff Repair: No Editing Allowed
Moderator: Brian J. Cole, MD, MBA
Panel: W.Z. (Buz) Burkhead, Jr., MD, Gary M. Gartsman, MD, Peter J. Millett, MD, MSc, Jon J.P. Warner, MD

11:00 – 11:30 am
Session VI: Shoulder Miscellaneous
Moderators: Armodios M. Hatzidakis, MD and Scott P. Steinmann, MD

Paper #24
11:00 am The Timing of Elective Shoulder Surgery after Intra-articular Shoulder Injection Affects Postoperative Infection Risk
Brian C. Werner, MD, Jourdan M. Cancienne, MD, Justin W. Griffin, MD, M. Tyrrell Burrus, MD, F. Winston Gwathmey, MD, Stephen F. Brockmeier, MD

11:05 am Discussion

Paper #25
11:10 am Unstable Sternoclavicular Joint Reconstructions with a Semitendinosis Graft
Winston J. Warne, MD, Andrew J. Pastor, MD, Ian J. Whitney, MD

11:15 am Discussion

Paper #26
11:20 am Biceps Tenodesis: A Comparison of Tendon-to-Bone and Tendon-to-Tendon Healing in a Rat Model
Ekaterina Urch, MD, Samuel A. Taylor, MD, Prem N. Ramkumar, BA, Stephen B. Doty, PhD, Alex E. White, BA, Demetris Delos, MD, Mary E. Shorey, MD, Stephen J. O’Brien, MD, MBA

11:25 am Discussion

11:30 am AAOS – Washington DC/Congressional Update
Julie Williams, MA, CAE
Senior Manager, Government Relations
American Association of Orthopaedic Surgeons

11:40 am Second Business Meeting

11:30 am – 1:30 pm Exhibit Hall Open

12:30 pm Adjourn
THIRD SCIENTIFIC SESSION
SUNDAY, OCTOBER 11, 2015

6:55 am Announcements

Dean G. Sotereanos, MD, Program Committee Co-Chair
John W. Sperling, MD, MBA, Program Committee Co-Chair

7:00 – 7:50 am
Session VII: Shoulder Arthritis
Moderators: T. Bradley Edwards, MD and James D. Kelly, II, MD

Paper #27
7:00 am Liposomal Marcaine Combined with Intravenous Decadron Results in Decreased Length of Hospital Stay and Decreased Narcotic Use after Elective Shoulder Arthroplasty
Howard D. Routman, DO, Logan R. Israel, Molly A. Moor, Andrew D. Boltuch, DO

7:05 am Discussion

Paper #28
7:10 am Tranexamic Acid Decreases Blood Loss in Total Shoulder Arthroplasty and Reverse Total Shoulder Arthroplasty
Jeffrey T. Abildgaard, MD, Ryan McLemore, PhD, Steven J. Hattrup, MD

7:15 am Discussion

Paper #29
7:20 am Reoperation with Component Exchange after Failed Reverse Shoulder Arthroplasty
Brent Stephens, MD, Rachel Clark, BA, CCRC, Lisa Vaccaro, BS, Melaura Meyers, MD, Adam Lorenzetti, MD, Geoffrey P. Stone, MD, Mark A. Frankle, MD

7:25 am Discussion

Paper #30
7:30 am Glenosphere and Baseplate Failure in Reverse Shoulder Arthroplasty
Danielle Casagrande, MD, Samuel Harmsen, MD, Tom R. Norris, MD

7:35 am Discussion

Paper #31
7:40 am Utility of Shoulder Arthroplasty Tissue Biopsy to Predict Revision Shoulder Arthroplasty Cultures in At-Risk Patients
Robert Z. Tashjian, MD, Erin K. Granger, MPH

7:45 am Discussion
Symposium IV: Distal Biceps Tendon Debates
Moderator: Christopher C. Schmidt, MD

7:50 am Introduction – Christopher C. Schmidt, MD
7:52 am Anatomy / Biomechanics – Christopher C. Schmidt, MD

Anatomic Repair Is Needed and Clinically Relevant:
8:00 am Pro – Christopher C. Schmidt, MD
8:05 am Con – Felix H. Savoie, III, MD

A Posterior Approach with either Trough/Suture, Suture Anchors, or Intramedullary Buttons has a Superior Outcome and Less Complications to an Anterior Approach with either Trough/Extramedullary Button/Screw + Button, or Suture Anchors:
8:10 am Pro – Scott P. Steinmann, MD
8:15 am Con – Ilya Voloshin, MD

Chronic (> 2 months) Repairs in High-Flexion (>70°) better than Achilles Augmentation:
8:20 am Pro – Bernard F. Morrey, MD
8:25 am Con – Dean G. Sotereanos, MD

8:30 am Discussion & Comments

8:40 am Break

9:00 – 10:00 am
Session VIII: Elbow
Moderators: Joaquin Sanchez-Sotelo, MD, PhD

Paper #32
9:00 am Outcomes Following Hemiarthroplasty of the Elbow: Minimum 2-Year Follow-Up
Jean-David Werthel, MD, Bradley S. Schoch, MD, Julie E. Adams, MD, Scott P. Steinmann, MD

9:05 am Discussion

Paper #33
9:10 am The Effect of Radial Head Hemiarthroplasty Geometry on Proximal Radioulnar Joint Contact Mechanics
G. Daniel G. Langohr, Masc, Ryan Willing, Ph.D, John B. Medley, Ph.D, James A. Johnson, Ph.D, Graham J.w. King, MD, FRCSC

9:15 am Discussion

Paper #34
9:20 am Thirty-Day Postoperative Complications of Primary and Revision Total Elbow Arthroplasty: Incidence and Risk Factors
Andrew J. Lovy, MD, MS, Aakash Keswani, BA, Steven M. Koehler, MD, Jaehon Kim, MD, Michael Hausman, MD

9:25 am Discussion
Paper #35
9:30 am Alterations in Humeral Torsion and ROM Are Associated with Little Leaguer’s Shoulder and Elbow in Youth Pitchers
Ellen Shanley, PhD, PT, OCS, CSCS, Charles A. Thigpen, PhD, PT, ATC, Amanda Arnold, DPT, OCS, Richard J. Hawkins, MD, John M. Tokish, MD, Michael J. Kissenberth, MD

9:35 am Discussion

Paper #36
9:40 am The Outerbridge-Kashiwagi Procedure for Primary Degenerative Arthritis of the Elbow vs. Post Traumatic Arthritis
Kristopher D. Collins, MD, Geoffrey P. Stone, MD, Benjamin J. Cottrell, BS, Mark A. Mighell, MD

9:45 am Discussion

Paper #37
9:50 am Safety of Arthroscopic Removal of Heterotopic Ossification around the Elbow
Daniel R. Bachman, MD, James S. Fitzsimmons, BSc, Shawn W. O’Driscoll, PhD, MD

9:55 am Discussion

10:00 – 10:50 am Symposium V: Shoulder Periprosthetic Joint Infections
Moderator: Andrew Green, MD

10:00 am Introduction/Overview of Topic and Task Force Goals and Process
Andrew Green, MD

10:05 am Propionobacterium Acnes: Microbiology
Winston J. Warme, MD

10:10 am Evaluation A Periprosthetic Shoulder Joint Infection
Eric T. Ricchetti, MD

10:15 am Preventing Periprosthetic Shoulder Joint Infection
Lynn A. Crosby, MD

10:20 am Management of a Periprosthetic Shoulder Joint Infection
John W. Sperling, MD, MBA

10:25 am Cost and Economic Burden of Periprosthetic Shoulder Joint Infection
Ronald A. Navarro, MD

10:30 am Shoulder Periprosthetic Joint Infection Task Force Summary
Robert Z. Tashjian, MD

10:50 – 11:30 am Session IX: Rotator Cuff
Moderators: Theodore A. Blaine, MD and Leesa M. Galatz, MD

Paper #38
10:50 am Patterns of Tear Progression for Asymptomatic Degenerative Rotator Cuff Tears
Jay D. Keener, MD, Jason E. Hsu, MD, Karen Steger-May, MA, Sharlene A. Teefey, MD, Aaron M. Chamberlain, MD, Ken Yamaguchi, MD
10:55 am Discussion

**Paper #39**  
11:00 am Reduced Muscle Degeneration and Decreased Fatty Infiltration after Rotator Cuff Tear in a PARP-1 Knock-Out Mouse Model  
*Michael Küntzer, MD, Katja Nuss, DVM, Agnieszka Karol, DVM, Michael Schär, MD, Michael Hottiger, DVM, Brigitte von Rechenberg, DVM, Sumit Raniga, MD, Matthias A. Zumstein, MD*

11:05 am Discussion

**Paper #40**  
11:10 am Effect of Hypercholesterolemia on Fatty Infiltration and Rotator Cuff Healing in a Chronic Rotator Cuff Tear Model of Rabbit  
*Joo Han Oh, MD, PhD, Seok Won Chung, MD, HaeBong Park, MD, Jieun Kwon, MD, Ghee Young Choe, MD*

11:15 am Discussion

**Paper #41**  
11:20 am Arthroscopic Superior Capsule Reconstruction for Irreparable Rotator Cuff Tears: A Prospective Clinical Study in 100 Consecutive Patients with 1 to 8 Years of Follow-Up  
*Teruhisa Mihata, MD, PhD, Thay Q. Lee, PhD, Yosuo Itami, MD, Yukitaka Fujisawa, MD, PhD, Mutsumi Ohue, MD, Masashi Neo, MD, PhD*

11:25 am Discussion

11:30 am Meeting Adjourns  
*William J. Mallon, MD, President 2014-2015*

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