FIRST SCIENTIFIC SESSION  
FRIDAY, OCTOBER 7, 2016

(As of 9/21/16)

6:00 – 7:00 am  Exhibit Hall Open

7:00 am  Welcome and Announcements
Jesse B. Jupiter, MD, President
David C. Ring, MD, PhD, Program Committee Co-Chair
Scott P. Steinmann, MD, Program Committee Co-Chair

7:05 – 8:15 am  
New England Shoulder and Elbow Society – Debate: The Principle/Show How It’s Done
Provocateurs: David C. Ring, MD, PhD, and Augustus D. Mazzocca, MS, MD
Panel: Robert A. Arciero, MD, Donald P. Endrizzi, MD, Andrew Green, MD, John C. Macy, MD,
Jon J.P. Warner, MD

Paper #1
7:05 am  Minimum 2-Year Results for All-Arthroscopic Fresh Osteochondral Allograft Resurfacing of the Humerus and Glenoid in the Treatment of Osteoarthritis in the Young Patient
Reuben Gobezie, MD, Yousef Shishani, MD, Jonathan J. Streit, MD

7:09 am  Discussion

Paper #2
7:14 am  Subscapularis Sparing Total Shoulder Arthroplasty: A Prospective, Double Blinded, Randomized Clinical Trial
Young W. Kwon, MD, PhD, Joseph D. Zuckerman, MD

7:18 am  Discussion

Paper #3
7:23 am  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, Charles L. Getz, MD, Surena Namdari, MD, MSc

7:27 am  Discussion
| Paper #4 | 7:32 am | Efficacy of Preoperative Aspirates in Periprosthetic Joint Infections of the Shoulder  
**Salvatore J. Frangiamore, MD, Nicholas Gajewski, BA, Joseph P. Iannotti, MD, PhD, Eric T. Ricchetti, MD** |
| Paper #5 | 7:36 am | The Cost-Effectiveness of Vancomycin for Preventing Infections Following Shoulder Arthroplasty: A Break Even Analysis  
**M. Daniel Hatch, MD, Stephen D. Daniels, BS, Kimberly M. Glerum, BA, Laurence D. Higgins, MD, MBA** |
| Paper #6 | 7:40 am | Discussion |
| Paper #7 | 7:45 am | Tendonopathy Does Not Predict Rotator Cuff Healing: Macroscopic Tendon Appearance and Histologic Tendon Scores Do Not Correlate  
**Paul M. Sethi, MD, Seth R. Miller, MD, Chirag D. Sheth, BS, Mary Beth R. McCarthy, BS, Mark P. Cote, DPT, MS, Augustus D. Mazzocca, MS, MD** |
| Paper #8 | 7:49 am | Discussion |
| Paper #9 | 7:54 am | Complications of Arthroscopic Latarjet: A Multicenter Study of 1555 Cases  
**Laurent Lafosse, MD, Jan Leuzinger, Roman Brzoska, MD, PhD, Pierre L. Métais, MD, Philippe Clavert, MD, PhD, Geoffroy Nourissat, MD, Gilles Walsh, MD, French Arthroscopic Society** |
| Paper #10 | 7:58am | Discussion |
| Paper #7 | 8:03 am | Comparaison of the Isolated Latissimus Dorsi Transfer and the Latissimus Dorsi Transfer Combined with a Partial Cuff Repair in Massive Postero Superior Cuff Tear  
**Philippe Valenti, MD, Felipe Reinares, MD, Marco Cartaya, MD, Jean-David Werthel** |
| Paper #8 | 8:07 am | Discussion |
| Paper #9 | 8:15 – 9:00 am | **Session: Fracture/Stiffness**  
**Moderators:** O. Alton Barron, MD, and Mark A. Mighell, MD  
**Panel:** Philippe Clavert, MD, PhD, J. Maheshwari, MD, Pierre Mansat, MD, Bruce S. Miller, MD, Kazuya Tamai, MD, PhD |
| Paper #9 | 8:15 am | A Randomized Controlled Trial Comparing Arthrographic Joint Injection with and without Steroids for the Treatment of Adhesive Capsulitis  
**Allison Tucker, MD, MSc, Christina Hiscox, MD, Ryan T. Bicknell, MD, MSc, FRCSC** |
| Paper #10 | 8:19 am | Discussion |
| Paper #10 | 8:24 am | Locking Intramedullary Nails Compared with Locking Plates for Two- and Three-Part Proximal Humeral Surgical Neck Fractures: A Randomized Controlled Trial  
**Mauro E.C. Gracitelli, PhD, Eduardo A. Malavolta, PhD, Jorge H. Assuncao, MD, Kodi E. Kojima, PhD, Paulo R. dos Reis, MD, Jorge S. Silva, PhD, Arnaldo A. Ferreira Neto, MD, PhD, Arnaldo J. Hernandez, PhD** |
| Paper #10 | 8:28 am | Discussion |
Paper #11
8:33 am Articular Contact Area and Contact Pressure 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

8:37 am Discussion

Paper #12
8:42 am Is Lateral or Posterior Screw Placement Better for Small Lateral Articular Fragments in Distal Humerus Fractures?
Woong-Kyo Jeong, MD, Garwin Chin, BS, Charles Lin, Michelle H. McGarry, MD, Thay Q. Lee, PhD

8:46 am Discussion

Paper #13
8:51 am Hemiarthroplasty for the Treatment of Distal Humerus Fractures: Mid-Term Clinical Results
Mark Schultzel, MD, Karl B. Scheidt, MD, Steven J. Narvy, MD, Christopher Klein, BS, Brian K. Lee, MD, Evan H. Argintar, MD, John M. Itamura, MD

8:55 am Discussion

9:00 am Break

9:30 – 11:30 am Session: Value
Moderators: George S. Athwal, MD, FRCSC, and Reuben Gobezie, MD
Panel: April D. Armstrong, MD, FRCSC, Laurence D. Higgins, MD, MBA, Robert S. Kaplan, PhD, Adam B. Shafritz, MD, Michael Thomas, FRCS (Ortho)

9:30 am Ernest Amory Codman Lecture
Implementing Value Based Health Care for Orthopaedic Surgeries
Robert S. Kaplan, PhD
Introduction by Jon J.P. Warner, MD

Paper #14
10:00 am A Prospective Randomized Trial to Identify the Optimal Postoperative Pain Management in Shoulder Arthroplasty: Liposomal Bupivacaine vs. Continuous Peripheral Nerve Block
Vani J. Sabesan, MD, Rajin Shahriar, MD, Graysen Petersen-Fitts, MD, Therese Bou-Akl, PhD

Paper #15
10:04 am Liposomal Bupivacaine Inferior to Indwelling Interscalene Nerve Block for Post-Operative Pain Control in Shoulder Arthroplasty: A Prospective Randomized Controlled Trial
Jeffrey T. Abildgaard, MD, Keith T. Lonergan, MD, Stefan J. Tolan, MD, Michael J. Kissenberth, MD, Richard J. Hawkins, MD, Catherine Long, BS, Kyle J. Adams, BS, John M. Tokish, MD

10:08 am Discussion
Paper #16
10:13 am Patient Factors Associated with Prolonged Opioid Use after Rotator Cuff Repair
Robert W. Westermann, MD, Christopher Anthony, MD, Nicholas Bedard, MD, Natalie A. Glass, PhD, Matthew J. Bollier, MD, Carolyn M. Hettrich, MD, MPH, Brian R. Wolf, MD, MS

Paper #17
10:17 am The Degree of Tissue Injury in the Shoulder Does Not Correlate with Pain Perception
Aaron D. Sciascia, MS, ATC, PES, Cale A. Jacobs, PhD, Brent J. Morris, MD, W. Benjamin Kibler, MD

10:21 am Discussion

Paper #18
10:26 am Changes in Psychological Status and Health-related Quality of Life Following Total Shoulder Arthroplasty
Chul-Hyun Cho, MD, PhD, Margaret S. Coats-Thomas, BS, Jon J.P. Warner, MD

Paper #19
10:30 am Resilience Correlates to Outcomes after Total Shoulder Arthroplasty
Ellen Shanley, PhD, PT, Michael J. Kissenberth, MD, Stefan J. Tolan, MD, Keith T. Lonergan, MD, Richard J. Hawkins, MD, Tariq I. Salim, BS, Josh Tadlock, BS, Thomas Kellam, BS, Catherine Long, BS, Ashley Crawford, BS, Jennifer M. Mercuri, MS, John M. Tokish, MD

10:34 am Discussion

Paper #20
10:39am Thirty and Ninety-Day Readmission Following Total Shoulder Arthroplasty: A Critical Analysis of Rate, Risk and Reason for Readmission
Justin W. Griffin, MD, Bryce A. Basques, MD, Timothy S. Leroux, MD, Rachel M. Frank, MD, Nikhil N. Verma, MD, Anthony A. Romeo, MD

Paper #21
10:43 am Outpatient Total Shoulder Arthroplasty: A Population-Based Study Comparing Adverse Event and Readmission Rates to Inpatient Total Shoulder Arthroplasty
Timothy S. Leroux, MD, Bryce A. Basques, MD, Rachel M. Frank, MD, Justin W. Griffin, MD, Gregory P. Nicholson, MD, Brian J. Cole, MD, MBA, Anthony A. Romeo, MD, Nikhil N. Verma, MD

10:47 am Discussion

Paper #22
10:52 am Using Patient-Reported Outcome Measures to Determine Satisfaction Following Anatomic Shoulder Arthroplasty
Aaron D. Sciascia, MS, ATC, PES, Brent J. Morris, MD, Cale A. Jacobs, PhD, T. Bradley Edwards, MD

Paper #23
10:56 am Arthroscopic vs. Open Rotator Cuff Repair: Which Has a Better Impact Profile?
Dustin K. Baker, BS, Jorge L. Perez, MD, Shwona L. Watson, BA, Gerald McGwin, MS, PhD, Brent A. Ponce, MD

11:00 am Discussion
Paper #24
11:05 am  Factors Influencing Direct Clinical Costs of Outpatient Arthroscopic Rotator Cuff Repair Surgery
Robert Z. Tashjian, MD, Jeffrey Belisle, MD, Sean Baran, MD, Erin K. Granger, MPH, Richard E. Nelson, PhD, Robert T. Burks, MD, Patrick E. Greis, MD

Paper #25
11:09 am  Comorbidity Effects on Shoulder Arthroplasty Costs: Analysis of a Nationwide Private Payer Insurance Dataset
Jonathan C. Levy, MD, Sam Rosas, MD, Tsun Yee Law, MD, Steven P. Kalandiak, MD, Karim G. Sabeh, MD, Leonard T. Buller, MD

11:13 am  Discussion and Buffer

11:30 am  First Business Meeting

12:30 pm  Adjourn
SECOND SCIENTIFIC SESSION
SATURDAY, OCTOBER 8, 2016

6:00 – 7:00 am  Exhibit Hall Open

6:55 am  Announcements
David C. Ring, MD, PhD, Program Committee Co-Chair
Scott P. Steinmann, MD, Program Committee Co-Chair

7:00 – 8:50 am  Session: Arthritis/Arthroplasty
Moderators: William N. Levine, MD, and Scott P. Steinmann, MD
Panel: Carl J. Basamania, MD, Caroline M. Chebli, MD, Jonathan C. Levy, MD, Michael L. Pearl, MD

Paper #26
7:00 am  Subscapularis Repair Using Subscapularis Peel and a Novel Through-Implant Suture Technique Achieves Equivalent Biomechanical Strength to Traditional Lesser Tuberosity Osteotomy Fixation
Evan S. Lederman, MD, Jonathan J. Streit, MD, Yousef Shishani, MD, Reuben Gobezie, MD

7:04 am  Discussion

Paper #27
7:09 am  Radiographic Characterization of the B2 Glenoid: The Effect of Computed Tomographic Axis Orientation
Peter N. Chalmers, MD, Dane H. Salazar, MD, Aaron M. Chamberlain, MD, Jay D. Keener, MD

Paper #28
7:13 am  Bone Graft Augmentation for Severe Glenoid Bone Loss in Primary Reverse Total Shoulder Arthroplasty: Outcomes and Evaluation of Host Bone Contact by 2D/3D Image Registration
Jonathan J. Streit, MD, Andres F. Cabezas, MS, Peter Simon, PhD, Rachel Clark, BA, CCRC, Adam J. Lorenzetti, MD, Mark A. Mighell, MD, Mark A. Frankle, MD

7:17 am  Discussion

Paper #29
7:22 am  Anatomic Shoulder Arthroplasty with Plication of the Posterior Capsule Compared to Reverse Shoulder Arthroplasty for Osteoarthritis with B2 Glenoid: A Matched Cohort Study
Joaquin Sanchez-Sotelo, MD, PhD, Eduard Alentorn-Geli, MD, MSc, PhD, Nathan Wanderman, MD, Andrew T. Assenmacher, MD, John W. Sperling, MD, MBA, Robert H. Cofield, MD

Paper #30
7:26 am  Version Correction Compromises Remaining Bone Quality after Eccentric Reaming in B2 Glenoids
Xiang Chen, MS, Akhil Surasani Reddy, BS, Andreas Kontaxis, MSc, PhD, Daniel Choi, MS, Timothy M. Wright, PhD, David M. Dines, MD, Russell F. Warren, MD, Lawrence V. Gulotta, MD

7:30 am  Discussion
| Paper #31 | 7:35 am | Ten Years of Reverse Total Shoulder Arthroplasty Performed for Osteoarthritis and Intact Rotator Cuff: Indications and Outcomes  
Jonathan J. Streit, MD, Jonathan C. Clark, MD, Jesse Allert, MD, Rachel Clark, BA, CCRC, Kaitlyn N. Christnas, BS, Mark A. Mighell, MD, Mark A. Frankle, MD |

7:39 am | Discussion |

| Paper #32 | 7:44 am | Measuring the Inclination of the Inferior Portion of the Glenoid in Reverse Shoulder Arthroplasty: The RSA (“Reverse Shoulder Angle”)  
Pascal Boileau, MD, Nicolas Morin-Salvo, MD, Marc-Olivier Gauci, MD, Brian Seeto, MD, FRCS, Jean Chaoui, Gilles Walch, MD |

7:48 am | Discussion |

| Paper #33 | 7:53 am | Reverse Shoulder Arthroplasty in the Weight Bearing vs. Non-Weight Bearing Shoulder: Mid-Term Outcomes with Minimum Five Years of Follow-Up  
Derek J. Cuff, MD, Brandon G. Santoni, PhD |

7:57 am | Discussion |

| Paper #34 | 8:02 am | Scapula Fracture Incidence in Reverse Total Shoulder Arthroplasty Utilizing Screws Above or Below Metaglene Central Cage: Clinical and Biomechanical Outcomes  
Justin C. Kennon, MD, Caroline Lu, BS, Meghan E. McGee-Lawrence, PhD, Lynn A. Crosby, MD |

8:06 am | Discussion |

| Paper #35 | 8:11 am | Is There a Long Term Deterioration in Deltoid Muscle Function After Reverse Shoulder Replacement?  
Georgios Mazis, MD, Caroline Witney-Lagen, FRCS (TR & Orth), Ernest Fawzy, FRCS (TR&Orth), Georgios Arealis, MD, Giuseppe Sforza, MD, Juan Bruguera, MD, PhD, Ehud Atoun, MD, Ofer Levy, MD, FRCS |

8:15 am | Discussion |

| Paper #36 | 8:20 am | The 2-Year Outcome After Implantation of a Pyrocarbon Ball in Failed Proximal Humerus Fractures with Advanced Collapse of the Humeral Head  
Frank Gohlke, MD, Robert Hudek, MD, Birgit Werner, MD |

8:24 am | Discussion |

8:29 am | **SECEC Traveling Fellow Presentation**  
Once an Arthrodesis, Always an Arthrodesis? Conversion of Shoulder Arthrodesis into RSA  
Tjarco D.W. Alta, MD, PhD, W. Jaap Willems, MD, PhD |

8:33 am | Discussion |
8:40 am  **SECEC Traveling Fellow Presentation**
Classification and Treatment of Medial Clavicle Fractures
*Alexander Van Tongel, MD, PhD*

8:44 am  Discussion

8:50 am  Break
**Exhibit Hall Open**

9:20 – 10:30 am  **Session: Infection/Neuropathy**
*Moderators: Emilie V. Cheung, MD, and Ofer Levy, MD, FRCS*
*Panel: Thomas R. Duquin, MD, Luc Favard, MD, Frank Gohlke, MD, Laurent Lafosse, MD, Winston J. Warme, MD*

**Paper #37**
9:20 am  Surgeon-Controllable Risk Factors for Periprosthetic Infection: An Analysis of 8,056 Shoulder Arthroplasties
*Edward Yian, MD, Priscilla H. Chan, MS, Ronald A. Navarro, MD, Anshuman Singh, MD, Mark T. Dillon, MD*

9:24 am  Discussion

**Paper #38**
9:29 am  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*

**Paper #39**
9:33 am  A Rapid Detection Method for *Propionibacterium acnes* from Surgical Biopsies of the Shoulder
*George S. Athwal, MD, FRCSC, Scott Holmes, MSc, Ana Pena Diaz, Kenneth J. Faber, MD, FRCSC, MEd, David B. O’Gorman, MSc, PhD*

**Paper #40**
9:37 am  Benzoyl Peroxide and Clindamycin Topical Skin Preparation Decreases *Propionibacterium acnes* Deep Colonization in Shoulder Arthroscopy
*Hailey Dizay, DO, Diana Lau, MD, Wesley M. Nottage, MD*

9:41 am  Discussion

**Paper #41**
9:51 am  Distal Peripheral Neuropathy in Arthroscopic Rotator Cuff Repair: A Prospective Investigation
*John G. Horneff, III, MD, Matthew D. Pepe, MD, Bradford S. Tucker, MD, Fotios P. Tjoumakaris, MD, Nicholas J. Lombardi, BS, Mitchell Maltenfort, PhD, Charles D. Wowkanecth, BS, Luke S. Austin, MD*

9:55 am  Discussion
Paper #42
10:00 am Two-Stage Reimplantation for the Treatment of Deep Infection after Shoulder Arthroplasty
Andrew T. Assenmacher, MD, Eduard Alentorn-Geli, MD, MSc, PhD, Joaquin Sanchez-Sotelo, MD, PhD, Robert H. Cofield, MD, John W. Sperling, MD, MBA

Paper #43
10:04 am Two-Stage Revision for Infected Shoulder Arthroplasty after Minimum 2-Year Follow-Up
Daniel B. Buchalter, BA, Siddharth A. Mahure, MD, MBA, Brent Mollon, MD, FRCSC, Stephen Yu, MD, Young W. Kwon, MD, PhD, Joseph D. Zuckerman, MD

Paper #44
10:08 am Functional Outcomes are Equivalent Following Resection Arthroplasty and Antibiotic Cement Spacer Retention vs. Reimplantation for Shoulder Infection
John G. Costouros, MD, Garet C. Comer, MD, Yusuke Ueda, MD, Jason Saleh, MD, Roberto Diaz, MD, Emilie V. Cheung, MD

10:12 am Discussion and Buffer

10:30 am Charles S. Neer, II, Guest Speaker
Influence of Etiology in Long Term Results of Grammont Type Reverse Prosthesis: 270 Prostheses with > 10- Year Follow-Up
Gilles Walch, MD

10:50 am Discussion

11:00 am Presidential Address
The Making of a Great Surgeon – What are the Criteria
Jesse B. Jupiter, MD
Introduction by David C. Ring, MD, PhD

11:20 am Discussion

11:30 am Second Business Meeting

12:30 pm Adjourn
THIRD SCIENTIFIC SESSION
SUNDAY, OCTOBER 9, 2016

6:55 am Announcements
David C. Ring, MD, PhD, Program Committee Co-Chair
Scott P. Steinmann, MD, Program Committee Co-Chair

7:00 – 8:45 am
Session: Instability/Dislocation
Moderators: Donald H. Lee, MD, and Sven Lichtenberg, MD
Panel: Alan S. Curtis, MD, Donald F. D’Alessandro, MD, Jean-François Kempf, MD, Lionel Neyton, MD, Michael J. O’Brien, MD

Paper #45
7:00 am Kinematics of the Ulna with Medial Ulnar Collateral Ligament Insufficiency
Masaki Akeda, MD, Hansel E. Ihn, BA, Michael Künzler, MD, Byung-Sung Kim, MD, Alex Doermann, BS, Michelle H. McGarry, MD, Teruhisa Mihata, MD, PhD, Tetsuya Yamazaki, MD, Thay Q. Lee, PhD

Paper #46
7:04 am The Impact of Throwing Arm Mechanics on Elbow Torque: Within-Subject Variation for Professional Baseball Pitchers
Christopher L. Camp, MD, Brittany Dowling, MS, Travis Tubbs, MS, Glenn S. Fleisig, PhD, David M. Dines, MD, David W. Altchek, MD, Joshua S. Dines, MD

7:08 am Discussion

Paper #47
7:13 am Distal Tibia and Glenoid Allografts Are Best for Restoration of Overall Glenoid Congruency in Scapulae with an Anterior Glenoid Rim Defect
Laurent B. Willemot, MD, Mohsen A. Shandiz, Kristin D. Zhao, Joaquin Sanchez-Sotelo, MD, PhD, Olivier Verborgt, MD, PhD

7:17 am Discussion

Paper #48
7:22 am Risk Factors for Subsequent Instability or Revision Surgery Following Arthroscopic Bankart Repair
Siddharth A. Mahure, MD, MBA, Brent Mollon, MD, FRCSC, Brian M. Capogna, MD, Joseph D. Zuckerman, MD, Young W. Kwon, MD, PhD, Andrew S. Rokito, MD

7:26 am Discussion

Paper #49
7:31 am Comparison of Intra-articular Findings and Clinical Features between Patients with Symptomatic Anterior Instability after Recurrent Shoulder Subluxation and Dislocation
Sang-Jin Shin, MD, PhD, Rag Gyu Kim, MD, Yoon Sang Jeon, MD, Young Won Koh, MD, Juyeob Lee, MD

7:35 am Discussion
Paper #50
7:40 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

7:44 am  Discussion

Paper #51
7:49 am  Immediate and Early Complications of the Open Latarjet Procedure: A Large Consecutive Case Series
Gary M. Gartsman, MD, Wame N. Waggenspack, Jr., MD, Hussein A. Elkousy, MD, T. Bradley Edwards, MD

7:53 am  Discussion

Paper #52
7:58 am  Multicenter Trial of an Internal Joint Stabilizer for the Elbow
David C. Ring, MD, PhD, Jorge L. Orbay, MD, Amir R. Kachooei, MD, Jose M. Santiago-Figueroa, MD, Luis Bolano, Miguel A. Pirela-Cruz, MD, Michael Hausman, MD, Rick F. Papanadrea, MD

8:02 am  Discussion

Paper #53
8:07 am  Reproducibility and Validity of Goniometric iPhone Applications for Shoulder Range Measurements in Elite Throwers
C. Thomas Vangsness, Jr., MD, Alexander Nazareth, MS, Thomas House, PhD

8:11 am  Discussion

Paper #54
8:16 am  The “Safe Zone” Technique Improves Suture Placement and Accuracy during Arthroscopic Remplissage: A Cadaveric Validation of a Novel Technique
Grant H. Garcia, MD, Ryan M. Degen MD, Joseph N. Liu, MD, Cynthia Kahlenberg, MD, Dan Hurwit, MD, Joshua S. Dines, MD

8:20 am  Discussion

Paper #55
8:25 am  A Cadaveric Biomechanical Comparison of Conventional Remplissage and Posterior Capsulodesis Alone for Anterior Shoulder Instability with Engaging Hill-Sachs Defects
Nam-Su Cho, MD, PhD, Christopher Bui, MD, Michelle H. McGarry, MD, Masaki Akeda, MD, Yong-Girl Rhee, MD, PhD, Thay Q. Lee, PhD

8:29 am  Discussion and Buffer

8:45 am  Break
9:15 – 11:30 am

**Session: Tendinopathy/Enthesopathy**
Moderators: Mark E. Baratz, MD, and Bassem T. Elhassan, MD
Panel: Mark H. Getelman, MD, Philippe P. Hardy, MD, PhD, John E. (Jed) Kuhn, MD, Glen Ross, MD

**Paper #56**
9:15 am  
**Analysis of 784 Surgically Treated Distal Biceps Tendon Ruptures**  
Taylor R. Dunphy, MD, Justin Hudson, MD, Daniel C. Acevedo, MD, Michael Batech, DrPH, Raffy Mirzayan, MD

**Paper #57**
9:19 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, Ziaibar Sarmast, MD, Kenneth J. Faber, MD, FRCSC, MEd, Patrick J. Smolinski, PhD, Mark C. Miller, PhD

9:23 am  Discussion

**Paper #58**
9:33 am  
**Sleep Disturbance Does Not Correlate With Rotator Cuff Tear Severity**  
Bryan A. Reyes, MD, Brandon R. Hull, MD, Alexander Kurth, BS, Nathan Kukowski, BS, Edward P. Mulligan, PT, DPT, SCS, OCS, ATC, Michael S. Khazzam, MD

9:37 am  Discussion

**Paper #59**
9:42 am  
**What Happens to Patients When We Don’t Repair Their Cuff Tears? 5-Year Rotator Cuff Quality of Life Index (RC-QOL) Outcomes Following Non-Operative Treatment of Patients with Full Thickness Rotator Cuff Tears**  
Richard S. Boorman, MD, Kristie D. More, MSc, Robert Hollinshead, MD, James P. Wiley, Nick G. Mohtadi, MD, Ian K.Y. Lo, MD, Atiba A. Nelson, MD, Kelly Brett

9:46 am  Discussion

**Paper #60**
9:51 am  
**Partial Rotator Cuff Repair in Massive Rotator Cuff Tears: Long-Term Follow-Up**  
Stephen C. Weber, MD

9:55 am  Discussion

**Paper #61**
10:00 am  
**Quantifying Variation in Intramuscular Fat Infiltration in Patients with Rotator Cuff Tears**  
Amee L. Seitz, PhD, Matthew D. Saltzman, MD, Rajan Khanna, James M. Elliott, PhD, Kevin Blount, MD, Guido Marra, MD

10:04 am  Discussion

**Paper #62**
10:09 am  
**Human Muscle Architectural Adaptations after Rotator Cuff Tendon Tears and Repairs**  
Michael C. Gibbons, Eugene J. Sato, MS, Damien Bachasson, PhD, Timothy T. Cheng, MD, Hassan Azimi, MD, Simon Schenk, PhD, Adam J. Engler, PhD, Anshuman Singh, MD, Samuel R. Ward, PhD, PT

10:13 am  Discussion
Paper #63
10:18 am  The Rotator Cuff Healing Index (RoHI): A New Scoring System to Predict Rotator Cuff Healing After Surgical Repair
Joo Han Oh, MD, PhD, Jieun Kwon, MD, Ye Hyun Lee, MD

10:22 am  Discussion

Paper #64
10:27 am  Does the Duration of Immobilization after SSP Reconstruction Influence Tendon Healing and Shoulder Function?
Sven Lichtenberg, MD, Mark Tauber, MD, PhD, Peter Habermeyer, MD, PhD, Petra Magosch, MD

10:31 am  Discussion

Paper #65
10:36 am  Shoulder Arthroscopy Does Not Adequately Visualize Pathology of the Long Head of Biceps Tendon
Jason Old, MD, FRCSC, Adnan Saithna, MBChB, DipSEM, MSc, FRCS (T&O), Alison Longo, MSc, Jeff Leiter, MSc, PhD, Peter B. MacDonald, MD, FRCSC

10:40 am  Discussion

Paper #66
10:45 am  Posterior Interosseous Nerve Proximity to Cortical Button Implant for Distal Biceps Repair with Single and Two-Incision Approaches
Benjamin Strong, MD, Ilya Voloshin, MD

10:49 am  Discussion

Paper #67
10:54 am  Outcomes Following Distal Triceps Tendon Repair
Kenneth J. Faber, MD, FRCSC, MEd, Laura Kember, MD, Ruby Grewal, MD, George S. Athwal, MD, FRCSC, Graham J.W. King, MD, FRCSC

10:58 am  Discussion and Buffer

11:30 am  Meeting Adjourns
Jesse B. Jupiter, MD, President 2015-2016