



# AMERICAN SHOULDER and ELBOW SURGEONS

## 2017 ANNUAL MEETING

Thursday, October 12 – Saturday, October 14, 2017  
The Roosevelt New Orleans, A Waldorf Astoria Hotel,  
New Orleans, Louisiana

### FIRST SCIENTIFIC SESSION THURSDAY, OCTOBER 12, 2017

As of 10/9/17

6:00 – 7:00 am Exhibit Hall Open

7:00 am Welcome and Announcements  
*Felix H. Savoie, III, MD, President*  
*Joseph A. Abboud, MD, Program Committee Co-Chair*  
*Larry D. Field, MD, Program Committee Co-Chair*  
*Sumant G. Krishnan, MD, Program Committee Co-Chair*

7:05 – 7:55 am

#### Session I: Shoulder Arthroplasty

Moderators: *Frank A. Cordasco, MD, and T. Bradley Edwards, MD*

#### Paper #1

7:05 am The Association of Diabetes and Perioperative Glycemic Control with Shoulder Arthroplasty Outcomes  
*Matthew D. McElvany, MD, MS, Priscilla H. Chan, MS, Heather A. Prentice, PhD, MPH, Mark T. Dillon, MD, Ronald A. Navarro, MD*

#### Paper #2

7:10 am ♦ Radiographic and Clinical Comparison of Pegged and Keeled Glenoid Components Using Modern Cementing Techniques: Midterm Results of a Prospective Randomized Study  
*Christopher M. Kilian, MD, Cyrus M. Press, MD, Kevin M. Smith, MD, Daniel P. O'Connor, PhD, Brent J. Morris, MD, Hussein A. Elkousy, MD, Gary M. Gartsman, MD, T. Bradley Edwards, MD*

#### Paper #3

7:15 am Hybrid Cage Glenoids Compared to Cemented Peg Glenoids in Anatomic Total Shoulder Arthroplasty  
*Richard J. Friedman, MD, FRCSC, Pierre-Henri Flurin, MD, Sean G. Grey, MD, Thomas W. Wright, MD, Joseph D. Zuckerman, MD, Chris Roche, MS, MBA*

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**Paper #4**

7:20 am

Comparison of Anatomic Total Shoulder Arthroplasty vs. Reverse Shoulder Arthroplasty for the Treatment of Post-Capsulorrhaphy Arthropathy

*Derek J. Cuff, MD, Brandon G. Santoni, PhD***Paper #5**

7:25 am

Restoration of External Rotation After Reverse Shoulder Arthroplasty Without Latissimus Dorsi Transfer

*Derek D. Berglund, MD, Samuel Rosas, MD, Jacob J. Triplet, DO, Jennifer Kurowicki, MD, Brandon Horn, DO, Jonathan C. Levy, MD***Paper #6**

7:30 am

Can A Functional Difference Be Detected in Reverse Arthroplasty with 135° vs. 155° Prosthesis for the Treatment of Rotator Cuff Arthropathy: A Prospective Randomized Study  
*Yousef Shishani, MD, Evan S. Lederman, MD, Patrick J. Denard, MD, Reuben Gobezie, MD*

7:35 – 7:55 am

Discussion of Papers #1-6

7:55 – 9:05 am

**Symposium I: Shoulder Arthroplasty**

Reverse TSA is now the Worldwide Leading Implant – Is this really a “reverse” implant or the emerging standard of care for all shoulder arthroplasty indications...and is there a place for anatomic TSA anymore?

*Moderator: Mark A. Frankle, MD*

7:55 – 8:01 am

RSA is My Arthroplasty of Choice

*Richard J. Friedman, MD, FRCSC*

8:01 – 8:07 am

TSA Is My Arthroplasty of Choice

*Joseph P. Iannotti, MD, PhD*

8:07 – 8:14 am

I Still Do a Cuff Repair over Age 70

*Joseph A. Abboud, MD*

8:14 – 8:21 am

I Do a Reverse TSA for ALL Cuff Tears over Age 70

*Gregory P. Nicholson, MD*

8:21 – 8:28 am

I Do a Lateralized RSA WITH METAL

*Mark A. Frankle, MD*

8:28 – 8:35 am

I Do a LATERALIZED RSA WITH BONE

*Sumant G. Krishnan, MD*

8:35 – 9:05 am

Case Presentations/ Audience Discussion

*Mark A. Frankle, MD*

60-Year-Old DJD/RCT

55-Year-Old DJD Failed RCR

80-Year-Old DJD No RCT

9:05 am

Break

**Exhibit Hall Open**

9:35 – 10:05 am

**Ernest Amory Codman Lecture**

Think Bigger! The New Era of Evidence-Based Orthopaedics

*Mohit Bhandari, MD, FRCSC, PhD*

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10:05 – 10:50

**Session II: Rotator Cuff**

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Moderators: *Jeffrey S. Abrams, MD, and Alessandro Castagna, MD*

**Paper #7**

10:05 am      ♦ Inferior Capsular Contractures Cause Static Superior Migration of the Humeral Head and Hamada Grade Progression  
*Raffy Mirzayan, MD, Daniel C. Acevedo, MD, Steven Donohoe, MD, Michael Batech, DrPh, Brian Suh, MD, Anshuman Singh, MD*

**Paper #8**

10:10 am      ♦ The Effect of Preoperative Education on Opioid Consumption in Patients Undergoing Arthroscopic Rotator Cuff Repair: A Prospective, Randomized Control Trial  
*Usman Ali M. Syed, BS, Alexander W. Aleem, MD, Charles D. Wowkanech, BS, Danielle Weekes, MD, Mitchell Freedman, DO, Matthew D. Pepe, MD, Fotios P. Tjoumakaris, MD, Joseph A. Abboud, MD, Luke S. Austin, MD*

**Paper #9**

10:15 am      Patient Perceptions of Surgeon Reimbursement for Rotator Cuff Repair  
*Brendan R. Southam, MD, Zachary Crawford, PharmD, Brian M. Grawe, MD*

**Paper #10**

10:20 am      Previous Rotator Cuff Repair is Associated with Inferior Clinical Outcomes After Reverse Total Shoulder Arthroplasty  
*Edward J. Shields, MD, Denise Koueiter, MS, Tristan Maerz, PhD, Adam Schwark, BS, J. Michael Wiater, MD*

**Paper #11**

10:25 am      Scapular Kinematics in Asymptomatic Rotator Cuff Tears and Healthy Controls  
*Phillip N. Williams, MD, Jacob G. Calcei, MD, Andreas Kontaxis, MSc, PhD, Howard Hillstrom, PhD, Lawrence V. Gulotta, MD*

**Paper #12**

10:30 am      Proximal Long Head Biceps Rupture: A Predictor of Rotator Cuff Pathology  
*Marcin Kowalczyk, MD, FRCSC, Kevin T. Kohut BS, Soheil Sabzevari, MD, Jan-Hendrik Naendrup, BS, Albert Lin, MD*

10:35 – 10:50 am      Discussion of Papers #7-12

10:50 – 11:30 am

**Symposium II: Massive Irreparable Cuff Tears**

**Balloon vs. SCR vs. Reverse vs. Tendon Transfers...Let Us Look at the Data**

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Moderator: *Anthony A. Romeo, MD*

10:50 – 10:55 am	Balloon Interspace Arthroplasty – <i>Joseph A. Abboud, MD</i>
10:55 – 11:00 am	Superior Capsular Reconstruction – <i>Anthony A. Romeo, MD</i>
11:00 – 11:05 am	Reverse TSA – <i>Evan S. Lederman, MD</i>
11:05 – 11:10 am	Lower Trapezius Transfer – <i>Bassem T. Elhassan, MD</i>
11:10 – 11:30 am	Case Presentations/Audience Discussion – <i>Anthony A. Romeo, MD</i>

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11:30 am - 12:30 pm **Exhibit Hall Open**

11:30 am First Business Meeting

12:10 - 12:30 pm **Invited Guest Speaker - United States Senator**  
An Update on the Health Care Front, Including Malpractice Reform  
***Bill Cassidy, MD, United States Senator for Louisiana***

12:30 pm Adjourn

4:00 pm - 5:00 pm **Meeting of the ASES Committees**  
All committee Chairs and Members as well as annual meeting attendees are welcome to attend.

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# SECOND SCIENTIFIC SESSION

## FRIDAY, OCTOBER 13, 2017

6:00 – 7:00 am Exhibit Hall Open

6:15 – 6:45 am **JSES Session: Introduction to Reviewing for the Journal**

This session is for all ASES members who are interested to learn more about how to complete peer reviews for the JSES. All members are welcome to attend.

*William J. Mallon, MD*

7:00 am

Announcements

*Joseph A. Abboud, MD, Program Committee Co-Chair*

*Larry D. Field, MD, Program Committee Co-Chair*

*Sumant G. Krishnan, MD, Program Committee Co-Chair*

7:05 – 7:50 am

**Symposium III: Intraoperative Vascular Injuries around the Shoulder and Elbow  
How to Avoid, Control, and Manage Acutely**

*Moderator: Mark A. Mighell, MD*

7:05 – 7:10 am

Intraoperative Vascular Injury during Shoulder Arthroscopy

*Michael J. O'Brien, MD*

7:10 – 7:15 am

Intraoperative Vascular Injury during Elbow Arthroscopy

*Matthew L. Ramsey, MD*

7:15 – 7:20 am

Intraoperative Vascular Injury during Shoulder Arthroplasty/ORIF

*W.Z. (Buz) Burkhead, Jr., MD*

7:20 – 7:25 am

Intraoperative Vascular Injury during Elbow Arthroplasty/ORIF

*Scott P. Steinmann, MD*

7:25 – 7:35 am

What I Really Need When You Call Me: Perspective from the Vascular Surgeon on Call

*Marie E. Unruh, MD*

7:35 – 7:50 am

Case Presentation/ Audience Discussion

*Mark A. Mighell, MD*

7:50 – 8:40 am

**Session III: Elbow Disorders**

*Moderators: Matthew L. Ramsey, MD, and Joaquin Sanchez-Sotelo, MD, PhD*

**Paper #13**

7:50 am

The Effect of Tendon Rotation on the Distal Biceps Repair

*Christopher C. Schmidt, MD, Tyler J. Madonna, MS, Stephen Y. Liu, MD, Sean M. Delserro, BS, Michael P. Smolinski, BS, Joseph F. Styron, MD, Nicholas J. Vaudreuil, MD, Brandon T. Brown, MS, Patrick J. Smolinski, PhD, Mark C. Miller, PhD*

**Paper #14**

7:55 am

Liposomal Bupivacaine Mixture Has Similar Pain Relief and Significantly Fewer Complications at Less Cost Compared to Indwelling Interscalene Catheter in Total Elbow Arthroplasty

*Kirk M. Thompson, MD, Tyler J. Brolin, MD, Richard A. Smith, PhD, Frederick M. Azar, MD, Thomas W. (Quin) Throckmorton, MD*

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**Paper #15**

8:00 am

Quantitative Anatomic Analysis of the Medial Ulnar Collateral Ligament Complex of the Elbow with Implications for Reconstructive Surgery

*Christopher L. Camp, MD, Hamidreza Jahandar, MD, Alec M. Sinatro, BA, Carl W. Imhauser, PhD, David W. Altchek, MD, Joshua S. Dines, MD*

**Paper #16**

8:05 am

Lateral Trochlear Ridge: A Non-Articulating Safe Zone for Anterior-To-Posterior Screw Placement for Capitellum and Trochlea Fractures

*Bogdan A. Matache, MD, CM, Youjin Chang, MD, Kathryn N. Culliton, B.Eng, Greg O. Cron, BS, MSc, PhD, Randa Berdusco, MD, MSc, FRCSC, Hakim Louati, MAsc, P.Eng, J. Whitcomb Pollock, FRCSC, MD, MSc*

**Paper #17**

8:10 am

◆ Posteromedial Rotatory Incongruity of the Elbow: A Computational Kinematics Study

*Gokhan Karademir, MD, Daniel R. Bachman, MD, Antonis Stylianou, PhD, Akin Cil, MD*

**Paper #18**

8:15 am

Advanced Baseball Metrics Demonstrate Significant Decline in MLB Pitcher Value After Tommy John Surgery

*Ryan S. Selley, MD, Daniel A. Portney, BS, Cort D. Lawton, MD, Michael D. Shockley, BA, Robert A. Christian, MD, Matthew D. Saltzman, MD, Wellington K. Hsu, MD*

8:20 – 8:40 am

Discussion of Papers #13-18

8:40 – 9:10 am

**Symposium IV: My Biggest Changes in Practice and What I Would Do Differently If I Could**

*Moderator: David M. Dines, MD*

8:40 – 8:50 am

After 10 years in Practice... – *Joshua S. Dines, MD*

8:50 – 9:00 am

After 20 years in Practice... – *Evan L. Flatow, MD*

9:00 – 9:10 am

After 30 years in Practice... – *Richard J. Hawkins, MD*

9:10 am

Break

**Exhibit Hall Open**

9:40 – 10:00 am

**Invited Guest Speaker – SECEC Presidential Address**

Anatomical Shoulder Replacement: What Our Eyes Do Not Show Us

*Roger Emery, MD*

10:00 – 10:50 am

**Session IV: Shoulder & Elbow Infection**

*Moderators: Frederick A. Matsen, III, MD*

**Paper #19**

10:00 am

Analysis of Synovial Fluid Cytokine Profiles in Determining Significance of Positive Culture Results in Patients Undergoing Primary Total Shoulder Arthroplasty for Glenohumeral Osteoarthritis

*Eric T. Ricchetti, MD, Jeffrey J. Olson, MD, Thomas E. Patterson, PhD, Salvatore J. Frangiamore, MD, MS, Thomas W. Bauer, MD, PhD, Thomas M. Daly, Xiaochun S. Zhang, MD, PhD, Kathleen A. Derwin, PhD, Joseph P. Iannotti, MD, PhD*

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**Paper #20**

10:05 am

Does Pre-Operative Doxycycline Reduce *Propionibacterium acnes* in Shoulder Arthroplasty?  
*Allison J. Rao, MD, Peter N. Chalmers, MD, Gregory L. Coetanovich, MD, Michael C. O'Brien, MA, Jonathan M. Newgren, MA, Brian J. Cole, MD, MBA, Nikhil N. Verma, MD, Gregory P. Nicholson, MD, Anthony A. Romeo, MD*

**Paper #21**

10:10 am

◆ Bactericidal Efficacy of Hydrogen Peroxide on *Propionibacterium acnes*  
*Paula Hernandez, PhD, Brian W. Sager, MD, Tyler Liang, Carla Lozano, PhD, Michael S. Khazzam, MD*

**Paper #22**

10:15 am

◆ Benzoyl Peroxide Effectively Decreases Pre-Operative *Propionibacterium acnes* Shoulder Burden: A Randomized Trial  
*Logan Kolakowski, BS, Jim K. Lai, MD, Grant Duvall, BS, Syed A. Hasan, MD, R. Frank Henn, MD, Mohit N. Gilotra, MD*

**Paper #23**

10:20 am

◆ Topical Vancomycin to Eradicate *Propionibacterium acnes* After Shoulder Arthroplasty: An In-Vivo Animal Study  
*Djuro Petkovic, MD, Diego C. Villacis, MD, Javier E. Sanchez Martinez, MD, Usama Qayyum, MBBS, Brian Shiu, MD, Charles M. Jobin, MD*

**Paper #24**

10:25 am

Treatment of Periprosthetic Joint Infection of the Elbow: 15-Year Experience at a Single Institution  
*Benjamin Zmistowski, MD, Alp Arya, MD, Eric M. Padegimas, MD, Mihir M. Sheth, BS, Ryan M. Cox, BS, Matthew L. Ramsey, MD, J. Gabriel Horneff, III, MD, Surena Namdari, MD, MSc*

10:30 – 10:50 am

Discussion of Papers #19-24

10:50 – 11:20 am

**Charles S. Neer, II, Guest Speaker**  
Why Do We Get Better?  
*Christian Gerber, MD*

11:20 – 11:35 am

**Presidential Address**  
*Felix H. Savoie, III, MD*

11:35 am – 12:30 pm **Exhibit Hall Open**

11:35 am

Second Business Meeting

12:30 pm

Adjourn

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2:30 pm – 4:30 pm      **Young Members Session**

This session is designed for all ASES members that have been with ASES for 7-years or less and especially all new Candidate Members.

During this session, there will be time for Candidate Members and other New Members to present a few abstracts that did not make the final program meeting. Additional presentations will include Dr. Joseph Abboud with tips on research, a presentation by Dr. Jon Levy on how to do research in a private practice setting, Dr. William Mallon with a presentation on the importance of reviewing for the JSES, and a talk from Dr. Brad Edwards on advancing membership categories and involvement as an ASES member.

- 2:30 pm      Introduction  
*Felix H. Savoie, III, MD*
- 2:40 pm      **Candidate Member Presentations**
- 2:40 pm      Liposomal Bupivacaine Interscalene Block vs. Standard Interscalene Block for Shoulder Arthroplasty: Effects On Length of Stay and Narcotic Use  
*Alicia K. Harrison, MD, Matthew W. Godlewski, BA, Edward V. Craig, MD, Jonathan P. Braman, MD*
- 2:45 pm      Trans-Coracoacromial Ligament Glenohumeral Injection with Arthroscopic Correlation  
*Lewis L. Shi, MD, Jibin Chen, Haroutioun H. Boyajian, MD, Olumuyiwa A. Idowu, BA, Fangwei Zou, Jianhua Wang, MD*
- 2:50 pm      Clinical Outcomes of Non-Surgically Treated Complex Proximal Humerus Fractures in Patients with Conditions Precluding Surgical Treatment  
*H. Mike Kim, MD, Gregory I. Pace, MD, John Chan, BS, Connor L. Zale, BS, April D. Armstrong, MD, FRCSC, Henry A. Boateng, MD, Andrea Myers*
- 2:55 pm      Topical and Intravenous Tranexamic Acid Are Equivalent in Preventing Perioperative Blood Loss in Total Shoulder Arthroplasty  
*Matthew D. Budge, MD*
- 3:00 pm      Objective Assessment of Sleep Quality Does Not Correlate with Subjective Measures in Patients with Rotator Cuff Tears  
*Chase Ansok, MD, Stephanie J. Muh, MD*
- 3:05 pm      Discussion of Presentations: Advice on Improvement
- 3:30 pm      Tips on Research: Development of a Research Department  
*Joseph A. Abboud, MD*
- 3:45 pm      How to do Research in a Private Practice Setting  
*Jonathan C. Levy, MD*
- 4:00 pm      How to be a JSES Reviewer & History of the ASES  
*William J. Mallon, MD*
- 4:15 pm      Involvement as an ASES Member  
*T. Bradley Edwards, MD*
- 4:30 pm      Adjourn

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# THIRD SCIENTIFIC SESSION

## SATURDAY, OCTOBER 14, 2017

6:00 – 7:00 am Exhibit Hall Open

7:00 am Announcements  
*Joseph A. Abboud, MD, Program Committee Co-Chair*  
*Larry D. Field, MD, Program Committee Co-Chair*  
*Sumant G. Krishnan, MD, Program Committee Co-Chair*

7:05 – 8:15 am

### **Symposium V: My Worst Complication – How I Was Supposed to Do It ...and Then What Went Wrong**

Moderator: *Jon J.P. Warner, MD*

- 7:05 – 7:13 am The Terrible Triad  
*Joaquin Sanchez-Sotelo, MD, PhD*
- 7:13 – 7:21 am Proximal Humeral ORIF  
*Jon J.P. Warner, MD*
- 7:21 – 7:29 am Instability with Bone Loss  
*Larry D. Field, MD*
- 7:29 – 7:37 am Distal Third Clavicle Fracture  
*Carl J. Basamania, MD*
- 7:37 – 8:15 am **Complications Panel:** Case-Based Discussion  
Moderator: *Jon J.P. Warner, MD*  
Panelists: *Sumant G. Krishnan, MD, Anand M. Murthi, MD, and*  
*Joaquin Sanchez-Sotelo, MD, PhD*

8:15 – 9:05 am

### **Session V: Glenohumeral Instability**

Moderators: *Joseph A. Abboud, MD, and Sumant G. Krishnan, MD*

#### **Paper #25**

8:15 am Evaluation of the Instability Severity Index Score in Predicting Failure Following Arthroscopic Bankart Surgery in an Active Us Military Population  
*Andrew G. Chan, MD, MPH, Stephen Chan, MD, Jonathan F. Dickens, MD, Kelly G. Kilcoyne, MD, Brian R. Waterman, MD*

#### **Paper #26**

8:20 am Variability in Estimation of Anterior and Posterior Glenoid Bone Loss  
*Eamon D. Bernardoni, MS, Kevin C. Wang, BS, Drew Lansdown, MD, Rachel M. Frank, MD, Nikhil N. Verma, MD, Anthony A. Romeo, MD*

#### **Paper #27**

8:25 am Accuracy and Reliability of a Simple Calculation for Measuring Glenoid Bone Loss on 3D Computer Tomography Scans  
*Stephen A. Parada, MD, Josef K. Eichinger, MD, Guillaume D. Dumont, MD, Carrie A. Parada, BS, PE, Alyssa Greenhouse, BA, Matthew T. Provencher, MD, Laurence D. Higgins, MD, MBA, Jon J.P. Warner, MD*

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**Paper #28**

8:30 am

Does Functional Bracing of the Unstable Shoulder Improve Return to Play in Scholastic Athletes?

*Ellen Shanley, PhD, PT, Amit M. Momaya, MD, Adam Kwapisz, PhD, MD, **Michael J. Kissenberth, MD**, Stefan J. Tolan, MD, Keith T. Lonergan, MD, Douglas J. Wyland, MD, Richard J. Hawkins, MD, John M. Tokish, MD***Paper #29**

8:35 am

Shoulder-Pain Recovery Patterns for a High-Risk Subgroup Defined by Genetic and Psychological Predisposition

*Corey B. Simon, DPT, PhD, FAAOMPT, Carolina Valencia, PhD, Rogelio A. Coronado, PhD, Samuel S. Wu, PhD, Yunfeng Dai, MSc, Kevin W. Farmer, MD, Michael W. Moser, MD, **Thomas W. Wright, MD**, Roger B. Fillingim, PhD, Steven Z. George, PT, PhD***Paper #30**

8:40 am

Does Cortical Activation Hold the Key to Shoulder Instability?

*Simon P. Frostick, MA, DM, FRCS Eng, FRCSEd, FFSTEd, Anthony J. Howard, MRCS, PhD, Graham Kemp, MA, DM, FRCPath*

8:45 – 9:05 am

Discussion of Papers #25-30

9:05 am

Break

**Exhibit Hall Open**

9:35 – 10:15 am

**Symposium VI: How to Deal with Bone Loss around the Shoulder and Elbow***Moderator: Joaquín Sanchez-Sotelo, MD, PhD*

9:35 – 9:43 am

Bone Loss and Glenohumeral Instability – *Giovanni Di Giacomo, MD*

9:43 – 9:51 am

Bone Loss and Shoulder Arthroplasty – *Tom R. Norris, MD*

9:51 – 9:59 am

Bone Loss and Elbow Arthroplasty – *Bernard F. Morrey, MD*

9:59 – 10:15 am

Case Presentation/ Audience Discussion – *Joaquín Sanchez-Sotelo, MD, PhD*

10:15 – 10:50 am

**Session VI: Shoulder & Elbow Miscellaneous***Moderator: Samer S. Hasan, MD, PhD, and Edward V. Craig, MD***Paper #31**

10:15 am

Comparison of Distal Clavicle and Coracoid for Anterior-Inferior Glenoid Augmentation: An Anatomic Study

*Parke W. Hudson, BS, Matthew Hess, BS, Brent Cone, BS, Martim Pinto, MD, Johnathan F. Williams, MD, William Brooks, PhD, Eugene W. Brabston, MD, **Brent A. Ponce, MD*****Paper #32**

10:20 am

Comparison of Bone Tunnel and Cortical Surface Tendon-To-Bone Healing in a Rabbit Biceps Tenodesis Model

*Dean Wang, MD, Hongbo Tan, PhD, Amir H. Lebaschi, MD, Ian D. Hutchinson, MD, Liang Ying, Xiang-Hua Deng, MD, **Scott A. Rodeo, MD**, Russell F. Warren, MD*

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**Paper #33**

10:25 am     ♦ PDGFR $\alpha$  + PDGFR $\beta$ + Progenitor Cells Contribute to Fatty Degeneration and Fibrosis Following Massive Rotator Cuff Tears in a Murine Model  
*Andrew R. Jensen, MD, MBE, Benjamin V. Kelley, BA, Gina Mosich, MD, Allison Ariniello, BS, Brandon K. Vu, BS, Paras Shah, Claire Eliasberg, MD, Sai K. Devana, BS, Iain R. Murray, MD, PhD, Bruno Peault, PhD, Ayelet Dar, Frank A. Petrigliano, MD*

**Paper #34**

10:30 am     The Use of Near-Infrared Spectroscopy and Cognitive Function After Arthroscopic Shoulder Surgery in the Beach Chair Position: A Randomized Prospective Blinded Study  
*Ryan M. Cox, BS, Grant C. Jamgochian, BS, Kristen Nicholson, PhD, Justin C. Wong, MD, Surena Namdari, MD, MSc, Joseph A. Abboud, MD*

10:35 – 10:50 am     Discussion of Papers #31-34

10:50 – 11:40 am

**Symposium VII: Natural History of the Rotator Cuff Tear: What Treatment Gives Us the Best Chance of Long-Term Success?**

*Moderator: William N. Levine, MD*

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10:50 – 10:55 am	Repair Early and Young <i>Ken Yamaguchi, MD, MBA</i>
10:55 – 11:00 am	Why Not Just Rehab? <i>John E. (Jed) Kuhn, MD, MS</i>
11:00 – 11:05 am	Wait Early...Reverse TSA Later <i>Jonathan C. Levy, MD</i>
11:05 – 11:10 am	What Does the Literature Support <i>William J. Mallon, MD</i>
11:10 – 11:40 am	Case Presentation/ Audience Discussion <i>William N. Levine, MD</i>

11:40 am     Closing Comments/Meeting Adjourn  
*Felix H. Savoie, III, MD, President 2016-2017*

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