

**AMERICAN SHOULDER
AND
ELBOW SURGEONS**

2013 CLOSED MEETING

**Sunday, October 13 – Tuesday, October 15, 2013
The Bellagio, Las Vegas, Nevada**

**FIRST SCIENTIFIC SESSION
SUNDAY, OCTOBER 13, 2013**

6:55 am Welcome and Announcements *As of 10/8/13*
Jeffrey S. Abrams, MD, President
Larry D. Field, MD, Program Committee Co-Chair
Anthony A. Romeo, MD, Program Committee Co-Chair

Paper Session I: Shoulder Basic Science
Moderator: *Louis J. Soslowsky, PhD*

PAPER #1

7:00 am The Effect of Vitamin D Deficiency on Rotator Cuff Healing in a Rat Model
Michael E. Angeline, MD, S. Richard Ma, MD, Cecilia Pascual-Garrido, MD, Clifford Voigt, MD, Xiang Hua Deng, MD, Russell F. Warren, MD, Scott A. Rodeo, MD

7:05 am Discussion

PAPER #2

7:10 am Rotator Cuff Vascularity of Single vs. Double Row Repair – A Histologic Comparison in a Sheep Model
Dennis Liem, MD, Simon Bröker, Nicolas Dedy, Carolin Schmidt, Joern Steinbeck, MD, Bjoern Marquardt

7:15 am Discussion

PAPER #3

7:20 am Changes in Muscle Fiber Function and Architecture in Patients with Chronic Rotator Cuff Tears
Asheesh Bedi, MD, Stuart M. Roche, BS, Evan B. Lynch, BSE, Max E. Davis, BA, Elizabeth R. Sibilsky Enselman, MEd, ATC, Dennis R. Clafflin, PhD, Christopher L. Mendias, PhD, ATC

7:25 am Discussion

PAPER #4

7:30 am Measurement of Volumetric Bone Mineral Density in Proximal Humerus - Using Quantitative Computed Tomography in Patients with Unilateral Rotator Cuff Tear
Joo Han Oh, MD, PhD, Byung Wook Song, Ji Wook Choi, MD, Yeon Soo Lee, PhD

7:35 am Discussion

PAPER #5

7:40 am Biomechanical Analysis of Articular-Sided Partial-Thickness Rotator Cuff Tear and Repair
Teruhisa Mihata, MD, PhD, Michelle H. McGarry, MD, Yoko Ishihara, Christopher N.H. Bui, MD, Damon Alavekios, MD, Masashi Neo, Thay Q. Lee, PhD

7:45 am Discussion

PAPER #6

7:50 am Tendinopathy of the Long Head of the Biceps Tendon: Histopathologic Analysis of Extra-Articular Biceps Tendon and Tenosynovium
Samuel Dubrow, MD, Jonathan J. Streit, MD, Yousef Shishani, MD, Stephanie Mub, MD, Mark Rodgers, MD, **Reuben Gobezie, MD**

7:55 am Discussion

Paper Session II: Shoulder Arthritis and Arthroplasty

Moderator: Frank A. Cordasco, MD

PAPER #7

8:00 am Preoperative Factor Influencing Patient Satisfaction and Correlation Between Commonly Used Clinical Outcome Scales and Patients Satisfaction after Anatomic Total Shoulder Arthroplasty
Edward G. McFarland, MD, Yoonsuk Hyun, MD, Gazzi Huri, **Steve A. Petersen, MD**, Uma Sri Kumaran, MD

8:05 am Discussion

PAPER #8

8:10 am Clinical and Radiographic Comparison of Pegged and Keeled Glenoid Components Using Modern Cementing Techniques at Mid-Term Follow-Up: A Prospective Randomized Study
Cyrus M. Press, MD, Hussein A. Elkousy, MD, Daniel P. O'Connor, PhD, Gary M. Gartsman, MD, **T. Bradley Edwards, MD**

8:15 am Discussion

PAPER #9

8:20 am An Analysis of Perioperative Outcomes in Patients Following Total Shoulder Arthroplasty and Reverse Total Shoulder Arthroplasty
Jason L. Koh, MD, Jimmy Jiang, MD, Aneet Toor, MD, Lewis Shi, MD

8:25 am Discussion

PAPER #10

8:30 am Accuracy of Patient Specific Guided Glenoid Implant Positioning
Jonathan C. Levy, MD, Mark A. Frankle, MD, Louis Keppler, Olivier Verborgt, MD, PhD, Geert Declercq, MD

8:35 am Discussion

PAPER #11

8:40 am Total Shoulder Arthroplasty Using Custom Trabecular Metal Augments to Address Glenoid Deficiency – Preliminary Results
Michael Sandow, FRACS, Martin Jauregui, MD

8:45 am Discussion

PAPER #12

8:50 am Surface Replacement Arthroplasty for Glenohumeral Arthropathy in Patients Younger Than 50 Years of Age: Results after Minimum Ten Year Follow-Up
Ofer Levy, MD, MCh(Orth), FRCS, Oren Tsvieli, MD, Julia Merchant, MBBS, Lora Young, FRCS, Alberto Trimarchi, MD, Rupen Dattani, MD, FRCS, James White, MRCS, Ruben Abraham, FRCA, Ali Narvani, FRCS, Ebud Atoun, MD

8:55 am Discussion

9:00 am **Charles S. Neer, II, Guest Speaker**
The Journey, Life, Family and the Future
Introduction: **Jeffrey S. Abrams, MD**
Guest Speaker: **Richard J. Hawkins, MD**

9:25 am Break

9:50 am ICD 10 and Why You May Need to Obtain a Line of Credit
Richard J. Friedman, MD, FRCSC

10:00 – 11:00am

Symposium I: Management of the Glenoid in Young Patients with Osteoarthritis

Moderator: Gerald R. Williams, Jr., MD

10:00 am Biologic Resurfacing/Arthroscopy – **Felix H. Savoie, III, MD**

10:06 am Ream and Run – **Mark D. Lazarus, MD**

10:12 am Hemiarthroplasty vs. TSA – **William N. Levine, MD**

10:18 am Metalback vs. Cemented All Poly Glenoid Component – **Pascal Boileau, MD**

10:24 am Case Presentations – **Drs. Boileau, Lazarus, Levine, and Savoie**

11 :00 am Tribute to Lewis A. Yocum, MD
Neal S. ElAttrache, MD

11:05 am First Business Meeting

12:05 pm Adjourn

SECOND SCIENTIFIC SESSION MONDAY, OCTOBER 14, 2013

6:55 am Announcements
Larry D. Field, MD, Program Committee Co-Chair
Anthony A. Romeo, MD, Program Committee Co-Chair

Paper Session III: Rotator Cuff and Shoulder Arthroscopy
Moderator: Robert H. Bell, MD

PAPER #13

7:00 am Prospective Longitudinal Analysis of the Risk of Tear Progression for Asymptomatic Degenerative Rotator Cuff Tears
Jay D. Keener, MD, Leesa M. Galatz, MD, Aaron M. Chamberlain, MD, Ken Yamaguchi, MD

7:05 am Discussion

PAPER #14

7:10 am Treatment for Massive Rotator Cuff Tears: A Cost Analysis
Aaron T. Sin, BS, Emilie V. Cheung, MD

7:15 am Discussion

PAPER #15

7:20 am Subscapularis Tendon Tear and Modified Classification Based 3D-Footprint Anatomy: Prospective Observational Study with Anatomic Study
Jae Chul Yoo, MD, Yong-Girl Rhee, MD, Jin Ho Hong, MD, Sang Jin Shin, MD, Kyung Chil Chung, MD, Michelle H. McGarry, MS, Bong Jae Jun, PhD, Thay Q. Lee, PhD

7:25 am Discussion

PAPER #16

7:30 am Functional and Ultrasonography Imaging Outcomes of Arthroscopic Simultaneous Rotator Cuff and Bankart Repair after Shoulder Dislocation
Edward J. Shields, MD, Mark H. Mirabelli, MD, Simon L. Amsdell, MD, Robert J. Thorsness, MD, Michael D. Maloney, MD, Ilya Voloshin, MD

7:35 am Discussion

PAPER #17

7:40 am A Prospective Randomized Trial of Functional Outcomes Following Arthroscopic Rotator Cuff Repair with and Without Acromioplasty: Minimum 2-Year Follow-Up
Elizabeth S. Tetteh, MD, Geoffrey D. Abrams, MD, Kristen E. Hussey, BS, Anil K. Gupta, MD, MBA, Brian J. Cole, MD, MBA, Anthony A. Romeo, MD, Nikhil N. Verma, MD

7:45 am Discussion

PAPER #18

7:50 am Propionobacterium Acnes Infection as an Etiology of Pain after Shoulder Arthroscopy
G. Russell Huffman, MD, MPH, Judith O'Donnell, MD, Jason E. Hsu, MD, John G. Horneff, MD, Pramod B. Voleti, MD

7:55 am Discussion

8:00 am **Introduction of 2012-2013 ASES President**
James R. Andrews, MD

8:05am **Presidential Address**
Arthroscopic and Open Shoulder Surgery: A Blending of Cultures
Jeffrey S. Abrams, MD

8:25 – 9:25 am

Symposium II: Large and Massive Rotator Cuff Tears – Controversies and Case Scenarios

Moderator: *Anthony A. Romeo, MD*

8:25 am Fix the Tear – **Stephen S. Burkhart, MD**

8:31 am Fix and Patch – **Mark Getelman, MD**

8:37 am Partial Repair – **Jeffrey S. Abrams, MD**

8:43 am Reverse Arthroplasty – **T. Bradley Edwards, MD**

8:49 am Case Presentations – **Drs. Abrams, Burkhart, Edwards, and Getelman**

9:25 am Break

Paper Session IV: Elbow Clinical Topics

Moderator: *George S. Athwal, MD, FRCSC*

PAPER #19

9:45 am Parallel Plating of Simulated Distal Humerus Fractures Demonstrates Superior Mechanical Properties to Orthogonal Plating with a Variable Angle Locking System
Phillip A. Taylor, MD, John R. Owen, MS, Charles P. Benfield, BS, Jennifer S. Wayne, PhD, N. Douglas Boardman, III, MD

9:50 am Discussion

PAPER #20

9:55 am Computer and Image Assisted Guidance System for Radial Head Arthroplasty
Simon Deluce, MSc, Hannah Shannon, MSc, Emily Lalone, PhD, George S. Athwal MD, FRCSC, Louis Ferreira, PhD, Graham J.W. King, MD, James A. Johnson, PhD

10:00 am Discussion

PAPER #21

10:05 am Comparison of Outcomes and Costs of Tension Band vs. Plate Osteosynthesis in Transverse Olecranon Fractures: A Matched Cohort Study
Michael H. Amini, MD, Frederick M. Azar, MD, Richard A. Smith, PhD, Thomas (Quin) W. Throckmorton, MD

10:10 am Discussion

PAPER #22

10:15 am Delayed Onset Ulnar Neuritis after Release of Elbow Contracture Part 1: Clinical Presentation, Pathology & Treatment
Davide Blonna, MD, G. Russell Huffman, MD, MPH, Shawn W. O'Driscoll, PhD, MD

10:20 am Discussion

10:25am – 11:10am

Symposium III: The Active Patient with Elbow Osteoarthritis – Management Options

Moderator: *Graham J.W. King, MD*

10:25 am Arthroscopic Treatment – *Larry D. Field, MD*

10:30 am Open Treatment (+/- role of interposition grafts) – *Matthew L. Ramsey, MD*

10:35 am Ulnar Nerve Management – *Michael Hausman, MD*

10:40 am Total Elbow Indications – *Dean G. Sotereanos, MD*

10:45 am Case Presentations – *Drs. Field, Ramsey, Hausman, and Sotereanos*

11:10 am Invited Guest Speaker – SECEC Presidential Address
"PASTA Lesions"
Alessandro Castagna, MD

11:30 am Second Business Meeting

12:10 pm Adjourn

THIRD SCIENTIFIC SESSION TUESDAY, OCTOBER 15, 2013

6:55 am Announcements
Larry D. Field, MD, Program Committee Co-Chair
Anthony A. Romeo, MD, Program Committee Co-Chair

Paper Session V: Shoulder Instability
Moderator: Donald F. D'Alessandro, MD

PAPER #23

7:00 am Biomechanical Analysis of the Modified Bristow Procedure for Anterior Shoulder Instability: Is the Bone Block Necessary?
Curtis J. Kephart, MD, Michael H. Abdulian, MD, Michelle H. McGarry, MS, James E. Tibone, MD, Thay Q. Lee, PhD

7:05 am Discussion

PAPER #24

7:10 am Hill-Sachs Defect Engagement: The Influence of Size, Range of Motion and Joint Translation
Mark F. Welsh, BS, Ryan Willing, PhD, Joshua W. Giles, BESC, James A. Johnson, PhD, George S. Athwal, MD, FRCSC

7:15 am Discussion

PAPER #25

7:20 am 3-D Modeling of Humeral Head Defects in Glenohumeral Instability: Clinical Implications of Lesion Morphology and the Glenoid Track Concept
Jaicharan J. Iyengar, MD, Kevin N. Jiang, MD, Dennis Kwon BS, Evan G. Lustbader, BS, Christopher S. Ahmad, MD

7:25 am Discussion

PAPER #26

7:30 am Neuromonitoring the Latarjet Procedure
Ruth A. Delaney, MD, Michael T. Freehill, MD, David R. Janfaza, MD, Kamen V. Vlassakov, MD, Laurence D. Higgins, MD, Jon J.P. Warner, MD

7:35 am Discussion

PAPER #27

7:40 am The Instability Severity Index Score in Arthroscopic Instability Surgery (Isis): Failure to Validate Its Predictive Value in the Selection of Arthroscopic Instability Surgery
Stephen C. Weber, MD

7:45 am Discussion

PAPER #28

7:50 am Complications of the Latarjet Procedure
Michael J. Pagnani, MD, Justin Hill, MPAS, PA-C

7:55 am Discussion

8:00 – 9:00am

Symposium IV: Value-Driven Shoulder and Elbow Health Care

Moderator: Jon J.P. Warner, MD

8:00 am Introduction and Background: **Kevin J. Bozic, MD, MBA**

8:12 am The Cleveland Clinic Experience: **Joseph P. Iannotti, MD, PhD**

8:24 am Health Care Payor Perspective: **David E. Mino, MD, Insurance
Specialist/Representative**

8:36 am Panel Discussion – **Drs. Bozic, Iannotti, and Mino**

9:00 am Break

Paper Session VI: Reverse Shoulder Arthroplasty

Moderator: Augustus D. Mazocco, MS, MD

PAPER #29

9:40 am Factors That Predict Postoperative Motion in Patients Treated with Reverse
Shoulder Arthroplasty
*Daniel G. Schwartz, MD, Benjamin Cottrell, BS, Matthew Teusink, MD, Rachel Clark, BA,
CCRC, Katheryne Downes, MPH, Mark A. Frankle, MD*

9:45 am Discussion

PAPER #30

9:50 am Comparison of Reverse Total Shoulder Arthroplasty Systems in Soft Tissue
Constrained Shoulders
Robert T. Burks, MD, Robert Z. Tashjian, MD, Heath Henninger

9:55 am Discussion

PAPER #31

10:00 am Does the Use of an Inferiorly Offset Glenosphere in Reverse Shoulder Arthroplasty
Reduce Scapular Notching? A Radiographic and Functional Outcome Analysis
*Xinning Tiger Li, MD, Joshua S. Dines, MD, Zakary Knutson, MD, Edward V. Craig,
MD, Russell F. Warren, MD, David M. Dines, MD*

10:05 am Discussion

PAPER #32

10:10 am Use of the Reverse Total Shoulder Arthroplasty (RtSa) for Patients with Osteoarthritis and Glenoid Bone Loss: An Alternative to Bone Grafting
Edward G. McFarland, MD, Gazi Huri, MD, Yoonsuk Hyun, MD, Nickolas G. Garbis, MD

10:15 am Discussion

PAPER #33

10:20 am Tricortical Iliac Crest Bone Graft for Massive Glenoid Bone Loss during Revision Shoulder Arthroplasty, Surgical Technique and Outcomes
Mark A. Schrumpf, MD, Tom R. Norris, MD

10:25 am Discussion

PAPER #34

10:30 am Reverse Total Shoulder Arthroplasty is Associated with Good Clinical Outcomes that are Sustained Through Mid-Term Follow-Up: Prospective Cohort Study
Evan S. Lederman, MD, Samuel Harmsen, MD, Armodios M. Hatzidakis, MD, James D. Kelly, II, MD, T. Bradley Edwards, MD

10:35 am Discussion

Paper Session VII: Elbow Basic Science

Moderator: April D. Armstrong, MD

PAPER #35

10:40 am Allograft Ligament Reconstruction for Post-Traumatic Elbow Posterolateral Rotatory Instability: A Mid-Term Follow-Up Study of 102 Consecutive Elbows
Yaser M.K. Baghdadi, MD, Bernard F. Morrey, MD, Shawn W. O'Driscoll, PhD, MD, Scott P. Steinmann, MD, Joaquin Sanchez-Sotelo, MD, PhD

10:45 am Discussion

PAPER #36

10:50 am Nonsurgical Treatment of Elbow Ulnar Collateral Ligament Injuries in Professional Baseball Players
Thomas J. Noonan, MD, Gregory M. Ford, MD, MS, James W. Genuario, MD, MS, Jason Kinkartz, MD, MSc, Thomas Gibbens, MD, Scott Murayama

10:55 am Discussion

PAPER #37

11:00 am Box-Loop Ligament Reconstruction of the Elbow for Medial and Lateral Instability
Patrick R. Finkbone, MD, Shawn W. O'Driscoll, PhD, MD

11:05 am Discussion

PAPER #38

11:10 am Proximal Radioulnar Impingement: The Association of Radial Tuberosity Size with Distal Biceps Rupture

*Nicholas R. Slenker, MD, **Neal S. ElAttrache, MD**, Aram N. Salem, MD, John V. Crues, III, MD, Orr N. Limpisvasti, MD*

11:15 am Discussion

11:20 am Meeting Adjourns

Jeffrey S. Abrams, MD, President 2012-2013

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