

**AMERICAN SHOULDER AND ELBOW SURGEONS
2011 CLOSED MEETING
October 12-15, 2011
White Sulphur Springs, WV**

First Scientific Session

Thursday, October 13, 2011

6:55 am Welcome and Announcements
Frances Cuomo, MD, President

Paper Session I: Anatomic Arthroplasty Outcomes
Moderator: George M. McCluskey, III, MD

PAPER #1

7:00 am A Prospective, Randomized Study of Subscapularis Tenotomy versus Lesser Tuberosity Osteotomy during Total Shoulder Arthroplasty
Stephanie H. Hsu, MD, Laura A. Vogel, BS, Alec A. Macaulay, MD, Edwin R. Cadet, MD, Louis U. Bigliani, MD, Christopher S. Ahmad, MD, William N. Levine, MD

7:05 am Discussion

PAPER #2

7:10 am Clinical and Radiologic Outcome of Stemmed versus Stemless Total Shoulder Arthroplasty: A Prospective Randomised Study
Peter Habermeyer, MD, PhD, Sven Lichtenberg, MD, Petra Magosch, MD

7:15 am Discussion

PAPER #3

7:20 am 5-Year Follow-up in Total Shoulder Arthroplasty for Primary Glenohumeral Osteoarthritis: A Prospective Multicenter Study
Haley A. Bunting, Alec A. Macaulay, MD, Prakash Gorroochurn, Theodore A. Blaine, MD, Michael Q. Freehill, MD, J. Michael Wiater, MD, Christopher S. Ahmad, MD, Louis U. Bigliani, MD, William N. Levine, MD

7:25 am Discussion

PAPER #4

7:30 am Outcomes of Shoulder Arthroplasty after Failure of Biological Resurfacing of the Glenohumeral Joint
Eric J. Strauss, MD, Michael J. Salata, MD, Kevin C. McGill, MD, MPH, Gregory P. Nicholson, MD, Brian J. Cole, MD, Nikhil N. Verma, MD, Anthony A. Romeo, MD

7:35 am Discussion

PAPER #5

7:40 am Early Complications of Anatomic Total Shoulder Arthroplasty
Andrew Green, MD, Benjamin G. Bruce, MD, Byung J. Lee, MD, Steve B. Behrens, MD, Theodore A. Blaine, MD

7:45 am Discussion

Paper Session II: Anatomic Arthroplasty: The Glenoid

Moderator: David N. Collins, MD

PAPER #6

7:50 am Effect of Glenoid Vault Perforation during Glenoid Preparation in Total Shoulder Arthroplasty
Arnaldo I. Rodríguez-Santiago, MD, Hussein A. Elkousy, MD, Dan P. O'Connor, PhD, David B. Doherty, MS, Gary M. Gartsman, MD, T. Bradley Edwards, MD

7:55 am Discussion

PAPER #7

8:00 am The Use of Patient Specific Instrumentation Improves the Accuracy of Glenoid Component Placement
Joseph P. Iannotti, MD, PhD, Clay Greeson, MD, Michael Hendel, PhD, John J. Brems, MD, Peter J. Evans MD, PhD, Jason Bryan

8:05 am Discussion

PAPER #8

8:10 am Effect of Incomplete Reaming on Glenoid Implant Stability in Total Shoulder Arthroplasty
Charlie Yongpravat, MS, Jonathan D. Lester, MD, Thomas R. Gardner, MCE, Louis U. Bigliani, MD, William N. Levine, MD, Christopher S. Ahmad, MD

8:15 am Discussion

Paper Session III: Neurological Studies

Moderator: Michael L. Pearl, MD

PAPER #9

8:20 am Suprascapular Nerve Anatomy during Shoulder Motion: A Cadaveric Study with Implications for Neurogenic Shoulder Pain
Daniel J. Massimini, MS, Anshuman Singh, MD, Jessica Wells, BA, Guoan Li, PhD, Jon J.P. Warner, MD

8:25 am Discussion

PAPER #10

8:30 am Utility of Intraoperative Nerve Monitoring during Shoulder Arthroplasty
Joseph A. Abboud, MD, Andrew F. Kuntz, MD, W. Bryan Wilent, PhD, CNIM, Michael Burdick, Gerald R. Williams, Jr., MD

8:35 am Discussion

PAPER #11

8:40 am Electromyographic and Kinematic Analysis of Reverse Shoulder Arthroplasties during Functional Motions
David R. Walker, BS, Deenesh Sahajpal, MD, Aimee Struk, MEd, ATC, Thomas W. Wright, MD, Scott A. Banks, PhD

8:45 am Discussion

Mini-Symposium: Rotator Cuff Basic Science Update

Moderator: Louis J. Soslowsky, PhD

8:50 am

Hypercholesterolemia and Rotator Cuff Repair: How Has It Changed My Clinical Approach? – *Joseph A. Abboud, MD*

PRP and Rotator Cuff Repair: How Do I Use It in My Practice? – *Theodore A. Blaine, MD*

Mmps and the Use of Doxycycline: My Current Approach – *Russell F. Warren, MD*

NSAIDs: How Do I Use Them in the Post-Operative Period Following Cuff Repair? – *Scott A. Rodeo, MD*

8:58 am Discussion and Panel Q & A

9:10-9:30 am Break

9:30-10:45 am

Symposium I: Shoulder Instability

Moderator: Neal S. ElAttrache, MD

Anterior Instability in the Throwing Athlete – *David W. Altchek, MD*

Posterior Instability in the Collision Athlete – *James P. Bradley, MD*

Anterior Instability in the Adolescent Athlete – *Dean C. Taylor, MD*

Shoulder Instability in the Elite Swimmer: When to Operate? – *Scott A. Rodeo, MD*

10:45 am First Business Meeting

12:00 pm Adjourn

Second Scientific Session

Friday, October 14, 2011

6:55 am Welcome and Announcements
Frances Cuomo, MD, President

Paper Session IV: Shoulder Instability: Bone Loss
Moderator: Peter D. McCann, MD

PAPER #12

7:00 am The Effect of the Remplissage Procedure on Shoulder Stability and Range of Motion: An In Vitro Biomechanical Assessment
Ilia Elkinson, BHB, MBChB, FRACS, Joshua W. Giles, BESC, Kenneth J. Faber, MD, FRCSC, Harm W. Boons, MD, Louis M. Ferreira, BSc, BEng, PhD, PEng, James A. Johnson, PhD, George S. Athwal, MD, FRCSC

7:05 am Discussion

PAPER #13

7:10 am Moderate to Large Engaging Hill-Sachs Defects: An In-Vitro Biomechanical Comparison of the Remplissage Procedure, Allograft Humeral Head Reconstruction and Partial Resurfacing Arthroplasty
Joshua W. Giles, BESC, Ilia Elkinson, BHB, MBChB, FRACS, Louis M. Ferreira, BSc, BEng, PhD, PEng, Kenneth J. Faber, MD, FRCSC, Harm Boons, MD, Robert B. Litchfield, MD, FRCS(C), James A. Johnson, PhD, George S. Athwal, MD, FRCSC

7:15 am Discussion

PAPER #14

7:20 am Comparison of Four Imaging Techniques to Most Accurately Quantify Glenoid Bone Loss in Shoulder Instability
Julie Y. Bishop, MD, Michael Rerko, MD, Grant L. Jones, MD, Christopher T. Donaldson, MD

7:25 am Discussion

PAPER #15

7:30 am The Latarjet Coracoid Transfer Procedure: What about the Neurovascular Structures?
Michael T. Freehill, MD, Uma Srikumaran, MD, Kristen R. Archer, PhD, DPT, Edward G. McFarland, MD, Steve A. Petersen, MD

7:35 am Discussion

PAPER #16

7:40 am Arthroscopic Bristow-Latarjet Procedure: A Computed Tomography Analysis of Bone Block Positioning and Healing
Charles-Edouard Thélu, MD, Xavier Ohl, MD, Numa Mercier, MD, Jason Old, MD, Pascal Boileau, MD

7:45 am Discussion

PAPER #17

7:50 am Landmarks for Placement and Tensioning during Arthroscopic Suprapectoral Biceps Tenodesis
Andrew S. Neviasser, MD, Jonathan L. Glashow, MD, Bradford O. Parsons, MD, James N. Gladstone, MD, Evan L. Flatow, MD

7:55 am Discussion

Paper Session V: Fractures

Moderator: Sumant G. Krishnan, MD

PAPER #18

8:00 am Functional and Radiographic Outcomes using a Tantalum Porous Implant in the Treatment of Three and Four Part Proximal Humerus Fractures
Lee A. Kaback, MD, Daniel L. Aaron, MD, Andrew S. Neviasser, MD, Mary K. Mulcahey, MD, Evan L. Flatow, MD, Bradford O. Parsons, MD, Theodore A. Blaine, MD

8:05 am Discussion

PAPER #19

8:10 am Hemiarthroplasty versus Reverse Total Shoulder Arthroplasty for Acute Proximal Humerus Fractures in the Elderly
Grant E. Garrigues, MD, Peter S. Johnston, MD, Matthew D. Pepe, MD, Bradford S. Tucker, MD, Matthew L. Ramsey, MD, Luke S. Austin, MD

8:15 am Discussion

PAPER #20

8:20 am Treatment of Proximal Humerus Fractures with a Reverse Shoulder Arthroplasty in Elderly Patients: Evaluation of Tuberosity Healing
Pascal Boileau, MD, Grégory Moineau, MD, Jean-Christian Balestro, MD, Patrick Gendre, MD, Philippe Clavert, MD, PhD, Luc Favard MD, François Sirveaux, MD, PhD, Adam Rumian, MD, FRCS

8:25 am Discussion

PAPER #21

8:30 am Reverse Total Shoulder Arthroplasty for Acute Proximal Humerus Fracture: The First 50 Cases at One Institution
William H. Paterson, MD, Micah C. Hobbs, DO, Sumant G. Krishnan, MD

8:35 am Discussion

PAPER #22

8:40 am Factors Associated with Cost and Variation in Surgical Treatment of Proximal Humeral Fractures
Nitin B. Jain, MD, Ifedayo Kuye, BS, Laurence D. Higgins, MD, Jon J.P. Warner, MD

8:45 am Discussion

8:50 am Charles S. Neer, II, MD, Tribute
Dr. Neer's Biography – *Louis U. Bigliani, MD*
Rotator Cuff Contributions – *Frank A. Cordasco, MD*
Fractures – *Frances Cuomo, MD*
Instability – *Craig R. Foster, MD*
Arthroplasty – *Evan L. Flatow, MD*
Formation of the ASES, International Board of Shoulder Surgery (IBSS) and JSES – *Robert H. Cofield, MD*

9:15 am Break

9:30 -10:25 am

Symposium II: Biceps Labral Complex Injuries

Moderator: Anthony A. Romeo, MD

SLAP Tears: My Approach – *James R. Andrews, MD*

Biceps Labral Complex Injuries: My Approach – *Stephen J. O'Brien, MD, MBA*

Biceps Tenodesis: My Approach – *Jeffery S. Abrams, MD*

Paper Session VI: Elbow Reconstruction

Moderator: Scott P. Steinmann, MD

PAPER #23

10:25 am Results of Non-Cemented, Semi-Constrained Total Elbow Arthroplasty for Inflammatory Arthritis: A Minimum Fifteen Year Follow-up
Michael B. Cross, MD, Denis Nam, MD, Benjamin McArthur, MD, Joseph D. Lipman, MS, Mark P. Figgie, MD

10:30 am Discussion

PAPER #24

10:35 am Radiographic and Clinical Outcomes of Bipolar Radial Head Replacement for Fracture
Lee A. Kaback, MD, Mary K. Mulcahey, MD, Mathew S. Zimmermann, MD, Andrew Green, MD, Theodore A. Blaine, MD

10:40 am Discussion

PAPER #25

10:45 am Heterotopic Ossification after Surgery for Elbow Fractures and Fracture-Dislocations Involving the Proximal Radius or Ulna
Antonio Foruria, MD, PhD, Salvador Agustin, MD, Bernard F. Morrey, MD, Joaquin Sanchez-Sotelo, MD, PhD

10:50 am Discussion

PAPER #26

10:55 am The Contracted Elbow: Is Ulnar Nerve Release Necessary?
Benjamin G. Williams, MD, Dean G. Sotereanos, MD, Mark E. Baratz, MD, Aaron I. Venouziou, MD, Claudius Jarrett, MD

11:00 am Discussion

PAPER #27

11:05 am Ulnohumeral Chondral and Ligamentous Overload (UCLO): Clinical Outcomes in Baseball Players
Daryl C. Osbahr, MD, Joshua S. Dines, MD, Andrew J. Rosenbaum, MD, Joseph T. Nguyen, MPH, David W. Altchek, MD

11:10 am Discussion

11:15 am Invited Guest Speaker – SECEC Presidential Address
Pascal Boileau, MD

11:30 am Second Business Meeting

12:35 pm Adjourn

Third Scientific Session

Saturday, October 15, 2011

7:25 am Welcome and Announcements
Frances Cuomo, MD, President

7:30-8:30 am

Symposium III: Elbow Reconstruction

Moderator: Shawn W. O'Driscoll, PhD, MD

ORIF for Complex Elbow Fracture/Dislocations – *William H. Seitz, Jr., MD*

Total Elbow Arthroplasty for Complex Elbow Fracture/Dislocations – *Jesse B. Jupiter, MD*

Non-Arthroplasty Alternatives in the Management of Elbow Arthritis – *Scott P. Steinmann, MD*

Total Elbow Arthroplasty in the Management of Elbow Arthritis – *Dean G. Sotereanos, MD*

8:30 am Presidential Address
Frances Cuomo, MD

9:00 am Break

Paper Session VII: Rotator Cuff Repair

Moderator: Laurence D. Higgins, MD

PAPER #28

9:20 am Rotator Cuff Repair Failure without Formation of a Recurrent Tendon Defect
Jesse A. McCarron, MD, Michael J. Bey, PhD, Kathleen A. Derwin, PhD, Joseph P. Iannotti, MD, PhD

9:25 am Discussion

PAPER #29

9:30 am A Prospective Multicenter Randomized Control Trial Comparing Single Row with Double Row Fixation in Arthroscopic Cuff Repair
Peter B. MacDonald, MD, FRCSC, Kimberly Bell, BSc, Elham Sabri, MSc, Kawan Rakhra, MD, FRCSC, Sheila McRae, PhD (Cand), Jeff Leiter, PhD, Peter L.C. Lapner, MD, FRCSC

9:35 am Discussion

PAPER #30

9:40 am Partial Articular-Sided Supraspinatus Tear: A Comparison between Transtendon Repair and Tear Completion and Repair
Alessandro Castagna, MD, Stefano Gumina, MD, Mario Borroni, MD, Giacomo Delle Rose, MD, Marco Conti, MD, Raffaele Garofalo, MD

9:45 am Discussion

PAPER #31

9:50 am Prevalence of Rotator Cuff Injury in Senior Athletes and its Association with Pain and Shoulder Function
Patrick J. McMahon, MD, Amit Prasad, MD, Kimberly A. Francis, MS, James J. Irrgang, PhD

9:55 am Discussion

Paper Session VIII: Biceps Labral Complex

Moderator: Answorth A. Allen, MD

PAPER #32

10:00 am Revision Rates and Outcomes of SLAP 2 Repairs: A Prospective Analysis of 225 Patients
Matthew T. Provencher, MD, CDR, MC, USN, Frank McCormick, MD, LCDR, MC, USNR, Christopher B. Dewing, MD, LCDR, MC, USN, Daniel J. Solomon, MD, CDR, MC, USN

10:05 am Discussion

PAPER #33

10:10 am A Comparison of MRI and Preoperative Examination for the Accurate Diagnosis of Biceps-Labral Complex Lesions
Stephen J. O'Brien, MD, MBA, Ashley M. Newman, BS, Samuel A. Taylor, MD, Demetris Delos, MD, James R. DiPietro, BA

10:15 am Discussion

PAPER #34

10:20 am Clinical Outcomes after Open Subpectoral Biceps Tenodesis in Patients Younger than 35 Years Old
Shane J. Nho, MD, Michael J. Salata, MD, Kevin C. McGill, MD, MPH, Emery C. Lin, BA, Brian J. Cole, MD, Anthony A. Romeo, MD, Nikhil N. Verma, MD

10:25 am Discussion

Paper Session IX: Reverse Shoulder Arthroplasty

Moderator: Gregory P. Nicholson, MD

PAPER #35

10:30 am Revision of Failed Total Shoulder Arthroplasty to Reverse Shoulder Arthroplasty Utilizing Allograft Glenoid Bone Grafting: Single Stage for Contained Cavitory Defects
Anand M. Murthi, MD, Jason A. Stein, MD

10:35 am Discussion

PAPER #36

10:40 am Reverse Total Shoulder Arthroplasty for the Management of Failed Shoulder Arthroplasty with Proximal Humeral Bone Loss: Is Allograft Augmentation Necessary?
Matthew D. Budge, MD, Melissa N. Zimel, MD, James E. Moravek, Jr., MD, Betsy Nolan, MD, J. Michael Wiater, MD

10:45 am Discussion

PAPER #37

10:50 am Clinical Outcomes of Reverse Total Shoulder Arthroplasty in Patients Under the Age of 60
Gregory P. Nicholson, MD, Emery C. Lin, BA, Robert A. Sershon, BA, Geoffrey S. Van Thiel, MD, Kevin C. McGill, MD, MPH, Brian J. Cole, MD, Nikhil N. Verma, MD, Anthony A. Romeo, MD

10:55 am Discussion

PAPER #38

11:00 am Reverse Total Shoulder Arthroplasty in Patients Under Sixty Years of Age: Who Are They and How Do They Fare?
Jonathan J. Streit, MD, J.P. Wanner, BS, Christopher J. Lenarz, MD, Yousef Shishani, MD, Carissa A. Lucas, MS, T. Bradley Edwards, MD, Reuben Gobezie, MD

11:05 am Discussion

PAPER #39

11:10 am Influence of Intra-operative Variables on the Biomechanics of Reverse Total Shoulder Arthroplasty
Heath B. Henninger, PhD, Alexej Barg, MD, Andrew E. Anderson, PhD, Kent N. Bachus, PhD, Robert Z. Tashjian, MD, Robert T. Burks, MD

11:15 am Discussion

PAPER #40

11:20 am A Prospective Comparison of Impairment in Glenohumeral Degenerative Disease with an Intact or Deficient Rotator Cuff Treated with Arthroplasty
Brian Puskas, MD, Kevin Harreld, MD, Rachel Clark, BS, Katheryne Downes, MPH, Nazeem Virani, MD, Derek Pupello, MBA, Mark A. Frankle, MD

11:25 am Discussion

11:30 am Meeting Adjourns