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. Kutz, 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 Sahaipal, 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. Neviaser, 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. Neviaser, 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 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  
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 Rakhir, 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

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 Cavitary 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