First Scientific Session

Thursday, October 21, 2010
6:55 am Welcome and Announcements
   Gerald R. Williams, Jr., MD, President

Paper Session I: Shoulder Trauma
Moderator: W.Z. (Buz) Burkhead, Jr., MD

PAPER #1
7:00 am Percutaneous Treatment of Proximal Humerus Fractures Using the Humerusblock in Patients Younger than 70 Years: A 10-Year Experience Reporting on 126 Cases
   Herbert F. Resch, MD, Corinna Hirzinger, MD, Thomas Hoffelner, MD, Mark Tauber, MD

7:05 am Discussion

PAPER #2
7:10 am Biomechanical Comparison of Two Locking Compression Plates for Proximal Humeral Fractures
   Lawrence Huff, MD, John Owen, BS, Phillip Taylor, BS, Jai Jani, MD, Jennifer Wayne, PhD, N. Douglas Boardman, III, MD

7:15 am Discussion

PAPER #3
7:20 am The Application of Locking Intramedullary Nails and Locking Plates in the Treatment of Two-Part Proximal Humeral Surgical Neck Fractures: A Prospective Randomized Trial with a Minimum of 3-Year Follow-Up
   Chunyan Jiang, MD, PhD

7:25 am Discussion

PAPER #4
7:30 am Tantalum Porous Stem versus Standard Smooth Stem Hemiarthroplasty in the Treatment of Three and Four-Part Proximal Humerus Fractures
   Elizabeth A. Cody, BA, R. Michael Greiwe, MD, Louis U. Bigliani, MD, Christopher S. Ahmad, MD, William N. Levine, MD

7:35 am Discussion

PAPER #5
7:40 am Interfragmentary Suture Fixation for Displaced Acute Type II Distal Clavicle Fractures
   Xavier A. Duralde, MD, Scott D. Pennington, MD, Douglas H. Murray, MD
7:45 am Discussion

**PAPER #6**
7:50 am Additional X-Ray Views Increase Decision to Treat Clavical Fractures Surgically
*Luke S. Austin, MD, Michael J. O’Brien, MD, Benjamin Zmistowski, BS, Eric T. Ricchetti, MD, John M. Fenlin, Jr., MD*

7:55 am Discussion

**Paper Session II: Reverse Total Shoulder Arthroplasty**
*Moderator: David N. Collins, MD*

**PAPER #7**
8:00 am Kinematic Analysis of Dynamic Shoulder Motion in Patients with Reverse Total Shoulder Arthroplasty
*Young W. Kwon, MD, PhD, Vivek J. Pinto, MS, Jangwhon Yoon, PhD, Mark A. Frankle, MD, Page E. Dunning, BA, Ali Sheikhzadeh, PhD*

8:05 am Discussion

**PAPER #8**
8:10 am Effects of Humeral Component Retroversion on the Scaption Ability of the Reverse Total Shoulder
*Russell F. Warren, MD, Lawrence Gulotta, MD, Edward V. Craig, MD*

8:15 am Discussion

**PAPER #9**
8:20 am Proximal Humeral Malunion Treated with Reverse Shoulder Arthroplasty
*Matthew Willis, MD, William Min, MD, Philip Mulieri, MD, Derek Pupello, Mark A. Frankle, MD*

8:25 am Discussion

**PAPER #10**
8:30 am To Repair or Not to Repair? Comparison of Complication Rates with Reverse Shoulder Arthroplasty in Patients with and Without Repair of the Subscapularis
*Richard J. Hawkins, MD, J.C. Clark, MD, Frederick S. Song, MD*

8:35 am Discussion

**PAPER #11**
8:40 am Inferior Tilt of the Glenoid Component Does Not Decrease Scapular Notching in Reverse Shoulder Arthroplasty: Results of a Prospective Randomized Study
*George J. Trappey, IV, MD, Clayton H. Riley, MD, Daniel P. O’Connor, PhD, Gary M. Gartsman, MD, Hussein A. Elkousy, MD, T. Bradley Edwards, MD*

8:45 am Discussion
PAPER #12
8:50 am  Bony Increased-Offset Reversed Shoulder Arthroplasty (BIO-RSA): The Benefits of Bony Lateralization
*Pascal Boileau MD, Grégory Moineau, MD, Yannick Roussanne MD, Kieran O’Shea, MD, FRCS(I)*

8:55 am  Discussion

European Traveling Fellows Presentations
9:00 am  *Philip Kasten, MD, PhD*
9:15 am  *Dennis Liem, MD*

9:30-9:50 am  Break

9:50-11:00 am  Symposium I: Bone Loss in Shoulder Arthroplasty – Strategies to Manage the Problem
*Moderator: Joseph P. Iannotti, MD, PhD*

- Glenoid Bone Loss in Primary Shoulder Arthroplasty – When Does It Need to Be Addressed and How Do You Do It?
  *Joseph P. Iannotti, MD, PhD*

- Management of Bone Loss Following Glenoid Component Failure
  *Robert H. Cofield, MD*

- Proximal Humeral Bone Loss in Reverse Shoulder Arthroplasty
  *Mark A. Frankle, MD*

- Factors Effecting Glenoid Bone Loss in Reverse Shoulder Arthroplasty and Management Strategies
  *Pascal Boileau, MD*

11:00 am  First Business Meeting

12:00 pm  Adjourn

Second Scientific Session

**Friday, October 22, 2010**
6:55 am  Welcome and Announcements
*Gerald R. Williams, Jr., MD, President*

Paper Session III: Elbow Trauma
*Moderator: N. Douglas Boardman, III, MD*

**PAPER #13**
7:00 am  Reconstruction of the Coronoid Using an Anatomic and Augmented Prosthesis: An In-Vitro Biomechanical Study
*Bashar Alolabi, MD, Alia Gray, BEng, Louis M. Ferreira, MSc, James A. Johnson, PhD, George S. Athwal, MD, FRCSC, Graham J.W. King, MD, MSc, FRCSC*
7:05 am  Discussion

**PAPER #14**
7:10 am  The Effect of Coronoid Fracture Fixation and Radial Head Replacement using a Monopolar or Bipolar Implant on Elbow Stability and Kinematics  
*Scott P. Steinmann, MD, Robert U. Hartzler, MD, Manuel Llusa, MD, Bernard F. Morrey, MD, Kai-Nan An, PhD, Joaquin Sanchez-Sotelo, MD, PhD*

7:15 am  Discussion

**PAPER #15**
7:20 am  The Incidence of Heterotopic Ossification Following Fracture – Dislocations of the Elbow  
*Gita Pillai, MD, Mariza Daras, MD, Michael Hausman, MD, Bradford O. Parsons, MD*

7:25 am  Discussion

**Paper Session IV: Shoulder Instability/SLAP**
*Moderator: Joseph A. Abboud, MD*

**PAPER #16**
7:30 am  An Expertise-Based Randomized Clinical Trial Comparing Arthroscopic versus Open Stabilization for Recurrent Anterior Shoulder Instability: Disease-Specific Quality of Life Outcomes at 12-Months Follow-Up  
*Nicholas G.H. Mohtadi, MD, MSc, FRCSC, Denise S. Chan, MBT, MSc, Robert M. Hollinshead, MD, FRCSC, Richard S. Boorman, MD, MSc, FRCSC, Laurie A. Hiemstra, MD, PhD, FRCSC, Ian K.Y. Lo, MD, FRCSC, Elizabeth Oddone Paolucci, PhD, Jocelyn Fredine, BKin, CAT(C), Treny M. Sasyniuk, MSc, Heather Hannaford, BKin*

7:35 am  Discussion

**PAPER #17**
7:40 am  Arthroscopic Labral Repair and Posterior Capsulo-Tenodesis for Antero-Inferior Instability of the Shoulder Associated with Large Hill-Sachs Defects  
*Pascal Boileau, MD, Kieran O'Shea, MD, FRCS(1), Pablo Vargas, MD, Miguel Pinedo, MD, Jason Old, MD, FRCSC, Matthias Zumstein, MD*

7:45 am  Discussion

**PAPER #18**
7:50 am  Glenoid Bone Loss in Patients with Shoulder Instability: The Significance of the ALPSA (Anterior Labroligamentous Periosteal Sleeve Avulsion) Lesion  
*Matthew T. Provencher, MD, CDR, MC, USN, Andrew S. Bernhardson, MD, LT, USN, Christopher B. Dewing, MD, LCDR, MC, USN, Daniel J. Solomon, MD*

7:55 am  Discussion
PAPER #19
8:00 am  SLAP Lesions of the Shoulder: Incidence Rates, Complications, and Outcomes as Reported by ABOS Part II Candidates
Stephen C. Weber, MD, Soheil Payvandi, MD, David F. Martin, MD

8:05 am  Discussion

Paper Session V: Shoulder Arthroplasty
Moderator: Frank A. Cordasco, MD

PAPER #20
8:10 am  Glenoid Version: A CT Analysis of Clinical Measurement Error and Introduction of a Clinical Method to Determine True Anatomic Version
Michael L. Pearl, MD, Eric K. Lee, MD, Lauren Peng, MD, Paul Didomenico, MD, Spencer Woolwine, BA

8:15 am  Discussion

PAPER #21
8:20 am  Revision Total Shoulder Arthroplasty for Painful Glenoid Arthrosis Following Humeral Head Replacement
Adam A. Sassoon, MD, Peter C. Rhee, DO, Cathy D. Schleck, BS, William S. Harmsen, MS, John W. Sperling, MD, MBA, Robert H. Cofield, MD

8:25 am  Discussion

8:30 am  Presidential Address
Gerald R. Williams, Jr., MD

8:55-9:10 am  Break

9:10-10:05 am  Symposium II: Basic Science in Rotator Cuff Pathology – What's in the Future?
Moderator: Leesa M. Galatz, MD

Factors Affecting Healing at the Bone – Tendon Junction
Leesa M. Galatz, MD

Is There a Role for Extracellular Matrix Scaffolds in Rotator Cuff Surgery?
Kathleen A. Derwin, PhD

What Causes Rotator Cuff Tear Progression?
Michael J. Bey, PhD

PRP in Rotator Cuff Repair – Are We Any Closer to an Answer?
Scott A. Rodeo, MD
Paper Session VI: Rotator Cuff
Moderator: Tom R. Norris, MD

PAPER #22
10:05 am Effectiveness of Physical Therapy in Treating Atraumatic Full Thickness Rotator Cuff Tears: A Multi-Center Prospective Cohort Study
John E. Kuhn, MD, Warren R. Dunn, MD, MPH, Angel Qi An, MS, Keith M. Baumgarten, MD, Julie Y. Bishop, MD, Robert H. Brophy, MD, James L. Carey, MD, MPH, G. Brian Holloway, MD, Grant L. Jones, MD, C. Benjamin Ma, MD, Robert G. Marx, MD, MPH, Eric C. McCarty, MD, Sourav K. Poddar, MD, Edwin E. Spencer, MD, Armando F. Vidal, MD, Brian R. Wolf, MD, Rick W. Wright, MD

10:10 am Discussion

PAPER #23
10:15 am Postoperative Pain after Open versus Arthroscopic Rotator Cuff Repair
Raymond R. Ropiak, MD, Benjamin Zmistowski, BS, Michael C. Cicotti, BA, Ralph Rynning, MD, Gerald R. Williams, Jr., MD, John M. Fenlin, Jr., MD

10:20 am Discussion

PAPER #24
10:25 am Four-Year Results of Arthroscopic Partial Rotator Cuff Repair for the Treatment of Massive Rotator Cuff Tears
Sven Lichtenberg, MD, Mathias Wellmann, MD, Petra Magosch, MD, Peter Habermeyer, MD, PhD

10:30 am Discussion

PAPER #25
10:35 am Margin Convergence to Bone for Reconstruction of the Anterior Attachment of the Rotator Cable in Massive Rotator Cuff Tears
Ranjan Gupta, MD, Michael L. Nguyen, MD, Bong-Jae Jun, PhD, Samuel E. Galle, BA, Michelle H. McGarry, MD, Stephen S. Burkhart, MD, Thay Q. Lee, PhD

10:40 am Discussion

PAPER #26
10:45 am Optimizing a Water-Tight Construct in Arthroscopic Rotator Cuff Repair
Jonathan T. Nassos, MD, Neal S. ElAttrache, MD, Michael Angel, MD, James E. Tibone, MD, Orr Limpisvasti, MD, Thay Q. Lee, PhD

10:50 am Discussion

PAPER #27
10:55 am MRI Evaluation of Arthroscopic Transosseous (No-Anchor) Rotator Cuff Repair: Repair Integrity at One Year
Sumant G. Krishnan, MD, Leah T. Cyran, MD

11:00 am Discussion
PAPER #28  
11:05 am  The Effect of Platelet-Rich Fibrin Matrix on Rotator Cuff Tendon Healing: A Prospective Randomized Clinical Study  
Scott A. Rodeo, MD, Demetris Delos, MD, Riley J. Williams, MD, Ronald Adler, MD, Andrew Pearle, MD, Russell F. Warren, MD

11:10 am  Discussion

11:15 am  Second Business Meeting

12:00 pm  Adjourn

Third Scientific Session

Saturday, October 23, 2010

7:25 am  Welcome and Announcements  
Gerald R. Williams, Jr., MD, President

Paper Session VII: Elbow Reconstruction
Moderator: April D. Armstrong, MD

PAPER #29  
7:30 am  Elbow Ulnar Collateral Ligament Reconstruction Using Hamstring Allograft in Young Throwing Athletes  
Jeffrey J. Yaste, MD, Felix H. Savoie, III, MD, Larry D. Field, MD, James A. Hurt, MD

7:35 am  Discussion

PAPER #30  
7:40 am  Activities After Total Elbow Arthroplasty  
Joaquin Sanchez-Sotelo, MD, PhD, Jonathan D. Barlow, MD, Shawn W. O'Driscoll, PhD, MD, Scott P. Steinmann, MD, Bernard F. Morrey, MD

7:45 am  Discussion

PAPER #31  
7:50 am  Complications of Total Elbow Arthroplasty in Non-Rheumatoid Patients: Lessons Learned with Application in an Active Population  
William H. Seitz, Jr., MD, Hisham Bismar, DO

7:55 am  Discussion

PAPER #32  
8:00 am  Distal Humeral Hemiarthroplasty – Short Term Results  
Justin A. Jacobson, MD, Bernard F. Morrey, MD, Shawn W. O'Driscoll, PhD, MD, Scott P. Steinmann, MD

8:05 am  Discussion
8:10 -9:15 am
Symposium III: Complications of Elbow Trauma and Their Management
Moderator: Graham J.W. King, MD, MSc, FRCSC

The Terrible Triad Injury – The Causes and Management of Persistent Instability
Graham J.W. King, MD, MSc, FRCSC

Prevention and Treatment of Stiffness Following Elbow Trauma
William H. Seitz, Jr., MD

Getting the Fracture to Heal – Preventing Nonunion in the Comminuted Distal Humerus Fracture
Shawn W. O'Driscoll, PhD, MD

How to Manage the Compromised Soft Tissue Envelope – What to Do When the Skin Goes Bad
Scott P. Steinmann, MD

PAPER #33
9:15 am Scapular Muscle Detachment: Clinical Presentation, Surgical Treatment, and Short and Intermediate Term Outcomes
W. Benjamin Kibler, MD, Aaron Sciascia, MS, ATC, NASM-PES, Kei Sugawa, MD, Tim L. Uhl, PhD, PT, ATC, FNATA

9:20 am Discussion

9:25 am Invited Guest Speaker – Charles A. Rockwood, Jr., MD

9:40 am Discussion

9:50 am Break

Paper Session VIII: Shoulder – Miscellaneous
Moderator: Steve A. Petersen, MD

PAPER #34
10:30 am Efficacy of Pre-Operative Home Use of 2% Chlorhexidine Cloth Prior to Shoulder Surgery
Michael R. Murray, MD, Matthew Saltzman, MD, Stephen Gryzlo, MD, Michael A. Terry, MD, Chase Woodward, BS, Gordon W. Nuber, MD

10:35 am Discussion

PAPER #35
10:40 am Outcomes of Resection Arthroplasty for Failed Shoulder Arthroplasties: An International Multi-Center Study
Jon J.P. Warner, MD, Yousef Shishani, MD, John Paul Wanner, Christopher McCrum, Claudio Moraga, MD, Gilles Walch, MD, R.J. Nowinski, DO, George J. Trappey, IV, MD, Reuben Gobezie, MD

10:45 am Discussion
PAPER #36
10:50 am  Reconstruction of Failed AC joint Repairs  
Kirk L. Jensen, MD

10:55 am  Discussion

PAPER #37
11:00 am  Complications Associated with the Use of Bioabsorbable (PLLA) Implants Around the Shoulder  
Daniel D. Buss, MD, L. Pearce McCarty, III, MD, Michael Q. Freehill, MD

11:05 am  Discussion

PAPER #38
11:10 am  The Association of Long Thoracic Nerve Palsy and Suprascapular Neuropathy  
Peter S. Vezeridis, MD, Robert E. Boykin, MD, Jessica Wells, BA, Laurence D. Higgins, MD, Jon J.P. Warner, MD

11:15 am  Discussion

11:20 am  Meeting Adjourns