FIRST SCIENTIFIC SESSION
FRIDAY, OCTOBER 12, 2012

(Presentation titles and times are subject to change. Revised 10/8/12)

6:55 am Welcome and Announcements
Jon J.P. Warner, MD, President
Laurence D. Higgins, MD, Program Committee Co-Chair
Jonathan B. Ticker, MD, Program Committee Co-Chair

7:00 am Survey Results I: Demographics
Laurence D. Higgins, MD

7:05-7:35 am
Paper Session I: Shoulder Basic Science
Moderator: Louis J. Soslowsky, PhD

PAPER #1
7:05 am Do the Traditional and Modified Latarjet Techniques Produce Equivalent Reconstruction Stability and Strength?
Joshua W. Giles, BESc, Gabor Puskas, MD, Mark Welch, BScE, James A. Johnson, PhD, George S. Athwal, MD, FRCSC

7:10: am Discussion

PAPER #2
7:15 am Comparison of Glenohumeral Contact Pressures and Contact Area after Glenoid Reconstruction with Latarjet or Distal Tibial Osteochondral Allograft
Sanjeev Bhatia, MD, Geoff Van Thiel, MD, MBA, Deepti Gupta, BS, Neil Ghodadra, MD, Brian J. Cole, MD, MBA, Bernard R. Bach, Jr., MD, Elizabeth Shewman, MS, Vincent M. Wang, PhD, Anthony A. Romeo, MD, Nikhil N. Verma, MD, CDR Matthew T. Provencher, MD, MC, USN

7:20 am Discussion
PAPER #3
7:25 am Biomechanical Comparison of the Lower Trapezius Transfer vs. Latissimus Dorsi Tendon Transfer for Irreparable Massive Posterosuperior Rotator Cuff Tears
Reza Omid, MD, Nathanael Heckmann, BS, Lawrence Wang, MPH, Michelle H. McGarry, MS, C. Thomas Vangsness, Jr., MD, Thay Q. Lee, PhD

7:30 am Discussion

7:35 – 8:35 am
Paper Session II: Shoulder Clinical: Rotator Cuff and Arthroscopy
Moderator: Felix H. Savoie, III, MD

PAPER #4
7:35 am Defining Indications for Rotator Cuff Repair: Predictors of Failure of Nonoperative Treatment of Chronic, Symptomatic, Full-Thickness Rotator Cuff Tears
Warren R. Dunn, MD, MPH, John E. (Jed) Kuhn, MD, Keith 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, Eric C. McCarty, MD, Sourav K. Poddar, MD, Matthew V. Smith, MD, Edwin E. Spencer, Jr., MD, Armando Vidal, MD, Brian R. Wolf, MD, MS, Rick W. Wright, MD

7:40 am Discussion

PAPER #5
7:45 am The Rising Incidence of Rotator Cuff Repairs
Kelsey Ensor, BFA, Michael DiBeneditto, BA, Young W. Kwon, MD, PhD, Joseph D. Zuckerman, MD, Andrew S. Rokito, MD

7:50 am Discussion

PAPER #6
7:55 am Rehabilitation Following Arthroscopic Rotator Cuff Repair: A Prospective, Randomized Trial
Jay D. Keener, MD, Leesa M. Galatz, MD, Ken Yamaguchi, MD

8:00 am Discussion

PAPER #7
8:05 am Clinical Results of Arthroscopic Revision Rotator Cuff Repair and Preoperative and Intraoperative Findings That Influence Clinical Outcome
Xavier A. Duralde, MD, Scott D. Pennington, MD, Harlan M. Starr, MD

8:10 am Discussion
PAPER #8
8:15 am Investigation of Cerebral Desaturation Events during Shoulder Arthroscopy in the Beach Chair Position
*Dane H. Salazar, MD, Benjamin W. Sears, MD, Pietro M. Tonino, MD, Guido Marra, MD*

8:20 am Discussion

PAPER #9
8:25 am Arthroscopic Posterior Bone Block Augmentation in Posterior Shoulder Instability
*Daniel Grant Schwartz, MD, Sven Goebel, MD, Kalman J. Piper, MBBS, FRACS (Orth), Bartlomiej Kordasiewicz, MD, Simon Boyle, MSC, FRCS (Tr&Orth), Laurent Lafosse, MD*

8:30 am Discussion

European Traveling Fellows Presentations
*Moderator: Patrick St. Pierre, MD*

8:35 am Eleven Year Experience with Coonrad-Morrey Total Elbow Arthroplasty: Mid-Term Results
*Nicolas Bonnevialle, MD*

8:50 am Lengthening in Reverse Shoulder Arthroplasty
*Alexandre Lädermann, MD*

9:05 am Break

9:25 am Survey Results II: Shoulder
*Jonathan B. Ticker, MD*

9:30 am Symposium I: On the Road to Consensus: Infection in Shoulder Arthroplasty?
*Moderator: John W. Sperling, MD, MBA*
*Faculty: Edward V. Craig, MD, MPH, Lynn A. Crosby, MD, Armodios M. Hatzidakis, MD*

10:40 am Survey Results III: Elbow
*David C. Ring, MD*

10:45 am Point-Counterpoint: Operative or Non-Operative Treatment of an Isolated Slightly Displaced Partial Articular Fracture
*Moderator: David C. Ring, MD*
*Faculty: Bernard F. Morrey, MD, Dean G. Sotereanos, MD*

11:05 am First Business Meeting

12:05 pm Adjourn
SECOND SCIENTIFIC SESSION
SATURDAY, OCTOBER 13, 2012

6:55 am Announcements

Laurence D. Higgins, MD, Program Committee Co-Chair
Jonathan B. Ticker, MD, Program Committee Co-Chair

7:00-8:00 am

Paper Session III: Shoulder Clinical: Shoulder Arthroplasty
Moderator: Patrick St. Pierre, MD

PAPER #10
7:00 am Infection Rates and Frozen Sections in Revision Shoulder and Elbow Surgery Holding Cultures 21 Days

John M. Itamura, MD, Michael Beckett, MD

7:05 am Discussion

PAPER #11
7:10 am Intermediate and Long Term Follow-Up of Total Shoulder Arthroplasty for Management of Post-Capsulorrhaphy Arthropathy

Edwin R. Cadet, MD, Peter Kok, BS, R. Michael Greiwe, MD, Christopher S. Ahmad, MD, William N. Levine, MD, Louis U. Bigliani, MD

7:15 am Discussion

PAPER #12
7:20 am Prognostic Factors for Positive Bacterial Cultures in a Large Shoulder Arthroplasty Revision Series

Paul Pottinger, Susan Butler-Wu, Moni Neradilek, Andrew Merritt, Alex Bertelsen, Jocelyn Jette, Winston J. Warme, MD, Frederick A. Matsen, III, MD

7:25 am Discussion

PAPER #13
7:30 am Functional Outcome after Total Shoulder Arthroplasty in the Obese Patient Population: A Prospective Study with Greater Than 2 Years of Follow-Up

Edward V. Craig, MD, MPH, Russell F. Warren, MD, Lawrence Gulotta, MD, Xinning Li, MD

7:35 am Discussion
PAPER #14
7:40 am First Midterm (3-5 Year-) Results of Stemless Humeral Head Replacement: A Prospective Study
*Sven Lichtenberg, MD, Stephan Riedmann, MD, Petra Magosch, MD, Peter Habermeyer, MD, PhD*

7:45 am Discussion

PAPER #15
7:50 am Does Reverse Shoulder Need a Stem? 2-7 Years Follow-Up with Stemless Reversed Total Shoulder Prosthesis
*Ofer Levy, MD, MCh(Orth), FRCS, Ehud Atoun, MD, Ali Narvani, MB, BS, Ruben Abraham, MD, FRCS, Nir Hous, MD, Tirtza Even, MD, Jai Relwani, MD, Stephen A. Copeland, FRCS, Giuseppe Sforza, MD, Alexander Van Tongel, MD*

7:55 am Discussion

8:00 – 8:30 am Paper Session IV: Elbow Basic Science
*Moderator: Thay Q. Lee, PhD*

PAPER #16
8:00 am The Effect of Radial Head Implant Design on Radiocapitellar Contact and Kinematics
*Hannah L. Shannon, Simon R. Deluce, Emily A. Lalone, Ryan Willing, Joshua W. Giles, Graham J.W. King, MD, James A. Johnson, PhD*

8:05 am Discussion

PAPER #17
8:10 am Biomechanical Evaluation of the Tight Rope and Traditional Docking Ulnar Collateral Ligament Reconstruction Techniques: Kinematic and Failure Testing
*Jamie Lynch, MD, Tristan Maerz, MS, Michael D. Kurdziel, MS, Ryan Lilly, BS, Kevin Baker, PhD, Kyle Anderson, MD*

8:15 am Discussion

PAPER #18
8:20 am Lateral Ulnar Collateral Ligament Reconstruction of the Elbow for Posterolateral Rotatory Instability: The Docking Technique
*Peter S. Johnston, MD, Kenneth A. Kearns, MD, Dan Witmer, BS, Christopher C. Dodson, MD, Matthew L. Ramsey, MD*

8:25 am Discussion
8:30 am  Charles S. Neer, II, Guest Speaker  
   James H. Herndon, MD  
   *Introduction by Jon J.P. Warner, MD

8:50 am  Break

9:10 am  Survey Results IV: Value  
   Laurence D. Higgins, MD

9:15 -10:15 am  
Symposium II: Value-Driven Shoulder and Elbow Care  
Moderator: Joseph D. Zuckerman, MD  
Faculty: Mark A. Frankle, MD, Bernard F. Morrey, MD, Jon J.P. Warner, MD

10:15-10:45 am  
Moderator: Gerald R. Williams, Jr., MD  
Faculty: Carl J. Basamania, MD, Xavier A. Duralde, MD, T. Bradley Edwards, MD

10:45 – 11:05 am  
Paper Session V: What's Hot – Basic Science  
Moderator: Kathleen A. Derwin, PhD

PAPER #19  
10:45 am  Effect of Lesser Tuberosity Osteotomy Size and Repair Construct during Total Shoulder Arthroplasty  
Christopher C. Schmidt, MD, Claudius Jarrett, MD, Martin DeGravelle, Prasad J. Sawardeker, MD, Brandon T. Brown, Dave M. Weir, Carmen Latona, Mark C. Miller

PAPER #20  
10:48 am  Effect of the Adipose-Derived Stem Cell for the Improvement of Fatty Degeneration and Rotator Cuff Healing in Rabbit Model  
Joo Han Oh, MD, PhD, Seok Won Chung, MD, Sae Hoon Kim, MD, PhD, Joon Yub Kim, MD, Yeun Ho Kim, MD, Byung Wook Song, MD

PAPER #21  
10:51 am  Graft Fixation Increases with Anatomic Tunnel Positioning in Acromioclavicular Repair  
Lauren E. Geaney, MD, Knut Beitzel, MA, MD, David M. Chownieec, BS, Mark P. Cote, PT, DPT, John Apostolakos, BS, Robert A. Arciero, MD, Augustus D. Mazzocca, MS, MD
PAPER #22
10:54 am  Shoulder Strength Ratio is Associated with Joint Mechanics and Clinical Outcome after Rotator Cuff Repair
  **Michael J. Bey, PhD, Jeffrey A. Haladik, Michael J. McDonald, Nicole L. Ramo, Patricia A. Kolowich, MD, Terrence R. Lock, MD, Vasilios Moutzouros, MD**

10:57 am  Discussion

11:05 am  Second Business Meeting

12:05 pm  Adjourn

**During the evening Black Tie Banquet**
7:50-8:15 pm  Presidential Address
  American Shoulder and Elbow Society: A Value-Based Proposition
  **Jon J.P. Warner, MD, President**
  *Introduction by James H. Herndon, MD*
6:55 am  Announcements
Laurence D. Higgins, MD, Program Committee Co-Chair
Jonathan B. Ticker, MD, Program Committee Co-Chair

7:00 – 7:50 am
Paper Session VI: Shoulder Clinical: Reverse Arthroplasty
Moderator: Anand M. Murthi, MD

PAPER #23
7:00 am  Biomechanical Differences in Reverse Total Shoulder Arthroplasty According to the Humeral Neck-Shaft Angle
Joo Han Oh, MD, PhD, Sang Jin Sin, Seok Won Chung, MD, Michelle H. McGarry, MS, Jonathan Scott, Nathanael Heckmann, BS, Thay Q. Lee, PhD

7:05 am  Discussion

PAPER #24
7:10 am  Acromial Fractures after Reverse Shoulder Arthroplasty: Evaluation of Clinical and Radiographic Risk Factors
Jonathan C. Levy, MD, Randall Otto, MD, Nazeem Virani, MD, Derek J. Cuff, MD, Mark A. Frankle, MD

7:15 am  Discussion

PAPER #25
7:20 am  Humeral Component Replacement vs. Retention in Revision from Anatomic Tto Inverse Shoulder Arthroplasty
Laurence D. Higgins, MD, Tyler J. Fox, MD, Caitlin McCarthy, BS

7:25 am  Discussion

PAPER #26
7:30 am  The Reverse Total Shoulder Arthroplasty for Primary Glenohumeral Osteoarthritis with Biconcave Glenoid
Gilles Walch, MD, Naoko Mizuno, MD, Patrick J. Denard, MD, Patric Raiss, MD

7:35 am  Discussion

PAPER #27
7:40 am  The 4-Year Cost and Clinical Outcomes of Shoulder Arthroplasty
Nazeem A. Virani, MD, Chris D. Williams, BS, Rachel Clark, BA, John Polikandriotis, PhD, Katheryne L. Downes, MPH, Mark A. Frankle, MD

7:45 am  Discussion
7:50 - 8:55 am Elbow Topics
*Moderator: Shawn W. O’Driscoll, PhD, MD*

**PAPER #28**
7:50 am Elbow Arthroscopy: Early Complications and Associated Risk Factors
*Gregory Nelson, MD, Tiffany Wu, Leesa M. Galatz, MD, Ken Yamaguchi, MD, Jay D. Keener, MD*

7:55 am Discussion

**PAPER #29**
8:00 am Functional Outcomes Following Revision Ulnar Collateral Ligament Reconstruction in Major League Baseball Pitchers
*Joshua S. Dines, MD, Kristofer Jones, MD, Stan Conte, ATC, PhD, Neal S. ElAttrache, MD*

8:05 am Discussion

8:10 am
**Symposium III: Controversial and Innovative Concepts in Elbow Surgery - A Case-Based Approach**
*Moderator: Shawn W. O’Driscoll, PhD, MD*
*Faculty: Matthew L. Ramsey, MD, Bernard F. Morrey, MD, Jesse B. Jupiter, MD*

8:55 am Invited Guest Speaker – SECEC Presidential Address: European Experience with Reverse Arthroplasty
*Alessandro Castagna, MD*
*Introduction by Jon J.P. Warner, MD*

9:15 am Break

9:35 – 10:35 am
**Paper Session VII: Shoulder Clinical: Instability**
*Moderator: Anthony A. Romeo, MD*

**PAPER #30**
9:35 am Patient Perception of Physician Reimbursement in Elective Shoulder Surgery
*Joseph A. Abboud, MD, Richard Edgar, BS, John Garstka, Neil Sheth, MD, Jared Foran, MD, Brent Wiesel, MD, Sameer Nagda, MD*

9:40 am Discussion
PAPER #31
9:45 am  Arthroscopic Anatomical Glenoid Reconstruction Using an Autologous Tricortical Iliac Crest Bone Grafting Technique for Anteroinferior Shoulder Instability
Prof. Markus Scheibel, MD, Natascha Kraus, Konstantin Hug, Gerd Diederichs, MD

9:50 am  Discussion

PAPER #32
9:55 am  Arthroscopic Capsulolabral Reconstruction for Posterior Instability of the Shoulder: A Prospective Study of 200 Shoulders
James P. Bradley, MD, Michael P. McClincy, MD

10:00 am  Discussion

PAPER #33
10:05 am  Operative vs. Non-Operative Treatment of Acute Dislocations of the Acromio-Clavicular Joint: Results of a Multi-Centre Randomized, Prospective Clinical Trial
Michael D. McKee, MD, Stephane Pelet, MD, Milena R. Vicente

10:10 am  Discussion

PAPER #34
Joshua W. Giles, BESc, Harm W. Boon, MD, Ilia Elkinson, MD, J. Kenneth Faber, MD, Louis M. Ferreira, PhD, James A. Johnson, PhD, George S. Athwal, MD, FRCSC

10:20 am  Discussion

PAPER #35
10:25 am  Is Generalized Ligamentous Laxity a Risk Factor for Poorer Outcome after Arthroscopic Anterior Shoulder Stabilization? A Prospective Evaluation
Loukas Koyonos, MD, Daniel O’Brien, BA, Matthew Kraeutler, BS, Steven B. Cohen, MD, Michael G. Ciccotti, MD, Gerald R. Williams, Jr., MD, Brad Tucker, MD, Mark D. Lazarus, MD, Christopher C. Dodson, MD

10:30 am  Discussion
10:35 – 11:15 am  
**Paper Session VIII: Elbow Clinical**

**Moderator: Joseph A. Abboud, MD**

**PAPER #36**

10:35 am  
Long-Term Outcomes after Ulnar Collateral Ligament Reconstruction in Competitive Baseball Players: A Minimum of 10 Years Follow-Up  
*Daryl C. Osbahr, MD, E. Lyle Cain, Jr., MD, B. Todd Raines, MA, ATC, Dave Fortenbaugh, PhD, Jeffrey R. Dugas, MD, James R. Andrews, MD*

10:40 am  
Discussion

**PAPER #37**

10:45 am  
Factors Affecting Supination Strength Following a Distal Biceps Rupture  
*Christopher C. Schmidt, MD, Brandon T. Brown, Prasad J. Sawardeker, MD, Martin DeGravelle, Mark C. Miller*

10:50 am  
Discussion

**PAPER #38**

10:55 am  
Interposition Arthroplasty: Alternative to TEA in Rheumatoid Patients (Larsen Class III)  
*Robert N. Hotchkiss, MD*

11:00 am  
Discussion

**PAPER #39**

11:05 am  
Chronic Distal Biceps Ruptures Reconstruction Using Achilles Tendon Allograft  
*Dean G. Sotereanos, MD, Loukia K. Papatheodorou, MD, Robert W. Weiser, MPAs, PA-C, Prasad J. Sawardeker, MD*

11:10 am  
Discussion

11:15 am  
Meeting Adjourns  
*Jon J.P. Warner, MD, President 2011-2012*