First Scientific Session

**Thursday, September 4, 2008**

6:55 am Welcome and Announcements
*Christopher M. Jobe, MD, President*

Session I – Shoulder Instability
*Moderator: James E. Tibone, MD*

**PAPER #1**
7:00 am Arthroscopic Capsular Plication in Throwing Athletes
*Michael J. Pagnani, MD*

7:05 am Discussion

**PAPER #2**
7:10 am Normalization of Glenohumeral Articular Contact Pressures after Either Latarjet or Iliac Crest Bone Grafting Procedure: Impact of Graft Type, Position, and Coracoid Orientation
*Neil Ghodadra, MD, Aman Gupta, BS, Elizabeth Shewman, BS, Jordan Goldstein, MD, Nikhil N. Verma, MD, Bernard R. Bach, Jr., MD, Anthony A. Romeo, MD, Matthew T. Provencher, MD*

7:15 am Discussion

**PAPER #3**
7:20 am Arthroscopic Bristow-Latarjet-Bankart for the Treatment of Anterior Instability in Shoulders with Glenoid Bone Loss and Deficient Anterior Capsule: The “Triple Blocking” of the Shoulder
*Pascal Boileau, MD, Yannick Roussanne, MD, Ryan T. Bicknell, MD, FRCS*

7:25 am Discussion

**PAPER #4**
7:30 am Risk Factors Affecting Recurrence Rate in Patients Affected by Traumatic Unidirectional Instability Arthroscopically Treated
*Giuseppe Porcellini, MD, Fabrizio Campi, MD, Paolo Paladini, MD, Francesco Pegreffi, MD*

7:35 am Discussion
PAPER #5  
7:40 am  Surgical Management of the Failed SLAP Repair  
Stephen C. Weber, MD

7:45 am  Discussion

PAPER #6  
7:50 am  Local Anesthetic Toxicity and Cultured Fibroblasts  
Rachel Watson, BS, Jeff Hartzell, MD, Steve Ghivizzani, PhD, Brian Badman, MD, Deenesh Sahajpal, MD, Thomas W. Wright, MD

7:55 am  Discussion

Session II – Reverse Shoulder Arthroplasty  
Moderator: Tom R. Norris, MD

PAPER #7  
8:00 am  Classification of Glenoid Morphology in Reverse Shoulder Arthroplasty and Its Surgical Implications  
Mark A. Frankle, MD, Atsushi Teramoto, MD, Jason Holcomb, MD, Ariel Chacon, MD, Sergio Gutierrez, MS, Zong-Ping Luo, PhD

8:05 am  Discussion

PAPER #8  
8:10 am  Outcomes Following Reverse Total Shoulder Arthroplasty: Affect of Preoperative Diagnosis, Clinical Complications, and Scapular Notching  
T. Bradley Edwards, MD, Joanne E. Labriola, MD, Daniel P. O’Connor, PhD, Hussein A. Elkousy, MD, Gary M. Gartsman, MD

8:15 am  Discussion

PAPER #9  
8:20 am  Trabecular Metal Reverse Shoulder Arthroplasty and the Lack of Scapular Notching  
Gregory P. Nicholson, MD, Anand M. Murthi, MD

8:25 am  Discussion

PAPER #10  
8:30 am  Prospective Evaluation of Reverse Shoulder Arthroplasty in Patients with Rheumatoid Arthritis  
Mark A. Frankle, MD, Jason Holcomb, MD, Daniel Hebert, MD, Derek Pupello, MBA, Mark A. Mighell, MD
8:35 am  Discussion

**PAPER #11**
8:40 am  Efficacy of Surgical Preparation Solutions in Shoulder Surgery  
*Jason L. Koh, MD, Matthew D. Saltzman, MD, Gordon W. Nuber, MD, Stephen M. Gryzlo, MD, Geoffrey S. Marecek, MD, Mark K. Bowen, MD*

8:45 am  Discussion

**Traveling Fellows Presentations**
8:50 am  Outcome Measurement in Shoulder Arthroplasty: Parameters and Tools  
*Matthias Flury, MD*

8:57 am  Outcome of a New Glenoid Metal-Backed Component  
*Mario Borroni, MD*

9:04am  Discussion

9:10-9:40 am  Break

**Symposium I – Proximal Humerus Fractures**  
*Moderator: Evan L. Flatow, MD*

9:40 am  Greater Tuberosity Issues in Proximal Humerus Fractures  
*Evan L. Flatow, MD*

9:52 am  Decision Making for Displaced Two and Three Part Fractures  
*Gerald R. Williams, Jr., MD*

10:04 am  Acute 4-Part Fractures: Hemiarthroplasty versus Reverse Shoulder Prosthesis  
*Pascal Boileau, MD*

10:16 am  Reconstructive Options for Malunions/Nonunions  
*Joseph P. Iannotti, MD, PhD*

10:28 am  Discussion

10:40 am  Update in Coding  
*Richard J. Friedman, MD, FRCS(C)*

11:00 am  First Business Meeting

12:00 pm  Adjourn

**Second Scientific Session**

**Friday, September 5, 2008**
6:55 am  Welcome and Announcements  
*Christopher M. Jobe, MD, President*
Session III – Prosthetic Arthroplasty – The Glenoid

Moderator: Jon J.P. Warner, MD

PAPER #12
7:00 am  Two-Dimensional Glenoid Version Measurements Vary with Coronal and Sagittal Scapula Rotation
April D. Armstrong, MD, FRCSC, Chris Bryce, MD, Andrew Davison, MS

7:05 am  Discussion

PAPER #13
7:10 am  Simulation of Surgical Glenoid Resurfacing Using Three-Dimensional Radiographic Analysis of the Arthritic Glenohumeral Joint: The Amount of Retroversion That Can Be Corrected
Douglas D. Nowak, MD, Maher J. Bahu, MD, Thomas R. Gardner, MCE, Aaron S. Covey, MD, William N. Levine, MD, Louis U. Bigliani, MD, Christopher S. Ahmad, MD

7:15 am  Discussion

PAPER #14
7:20 am  Can Computer-Aided Surgery Improve Accuracy of Glenoid Positioning in Total Shoulder Arthroplasty? A Prospective, Randomized Clinical Study
Peter Habermeyer, MD, PhD, Joern Kircher, MD, Markus Wiedemann, MD, Petra Magosch, MD

7:25 am  Discussion

PAPER #15
7:30 am  Radiographic Comparison of Pegged and Keeled Glenoid Components Using Modern Cementing Techniques: A Prospective Randomized Study
T. Bradley Edwards, MD, Joanne E. Labriola, MD, Rodney J. Stanley, MD, Daniel P. O'Connor, PhD, Hussein A. Elkousy, MD, Gary M. Gartsman, MD

7:35 am  Discussion

PAPER #16
7:40 am  Pegged versus Keeled Glenoid Components in Total Shoulder Arthroplasty
Robert H. Cofield, MD, Thomas W. Throckmorton, MD, Peter C. Zarkadas, MD, John W. Sperling, MD, MBA

7:45 am  Discussion

PAPER #17
7:50 am  Posterior Glenoid Bone Grafting in TSA for Posterior Glenoid Wear:
Technique and Radiographic Outcome
Gregory P. Nicholson, MD, Stacy L. Twigg, PA-C

7:55 am  Discussion

Session IV – Elbow
Moderator: Scott P. Steinmann, MD

PAPER #18
8:00 am  Failure Mechanisms of Semiconstrained Total Elbow Arthroplasty for
Post-Traumatic Arthritis: A 2 to 23 Year Follow-up Study
Joaquin Sanchez-Sotelo, MD, PhD, Thomas W. Throckmorton, MD,
Peter C. Zarkadas, MD, Bernard F. Morrey, MD

8:05 am  Discussion

PAPER #19
8:10 am  Revision of Total Elbow Arthroplasty by Exchange Cementation
Bernard F. Morrey, MD, Alex Malone, MD, Joaquin Sanchez-Sotelo, MD,
PhD, Robert A. Adams, RPA

8:15 am  Discussion

PAPER #20
8:20 am  Distal Biceps Tendon Repair through a Single Anterior Incision Suture
Anchor Technique: A Report of 134 Cases
Zinon T. Kokkalis, MD, George Zanaros, MD, Dean G. Sotereanos, MD

8:25 am  Discussion

PAPER #21
8:30 am  Outcome Following Conservative Management of Distal Biceps Ruptures
Augustus D. Mazzocca, MD, Mark P. Cote, PT, Lauren Geaney, BS,
Robert A. Arciero, MD

8:35 am  Discussion

PAPER #22
8:40 am  Biomechanical Evaluation of Parallel versus Orthogonal Plate Fixation of
Distal Humerus Fractures Using Two Different Testing Conditions
John M. Itamura, MD, Charalampos G. Zalavras, MD, PhD, Michael T.
Vercillo, MD, Bong-Jae Jun, MS, Karimdad Otarodifard, BS, Thay Q.
Lee, PhD

8:45 am  Discussion
8:50 am Invited Guest – SECEC Presidential Address
The Latissmus Dorsi Transfer – A European Experience
Peter Habermeyer, MD, PhD

9:10 am Break

9:40 am Symposium II – Basic Science
Moderator: Thay Q. Lee, PhD

Key Elements of Biology Research for Shoulder and Elbow Surgeons
Ranjan Gupta, MD

Elements of Biomechanics Research
Richard E. Debski, PhD

Elements of Basic Science Papers
Louis Soslowsky, PhD

Keys to Writing and Obtaining Research Funding for Shoulder and Elbow Studies
Thay Q. Lee, PhD

Panel Discussion: Questions and Answers

Session V – Rotator Cuff
Moderator: Ken Yamaguchi, MD

PAPER #23
10:40 am The Influence of Distinct Anatomic Subregions of the Supraspinatus on Humeral Rotation
Thay Q. Lee, PhD, Jeffrey J. Gates, MD, Jeremy Gilliland, MD, Michelle H. McGarry, MS, Daniel Acevedo, MD, Maxwell C. Park, MD, Michael J. Fitzpatrick, MD

10:45 am Discussion

PAPER #24
10:50 am Proximal Humeral Migration in Shoulders with Symptomatic and Asymptomatic Rotator Cuff Tears
Jay D. Keener, MD, Anthony Wei, MD, Hyun-Min Kim, MD, Karen Steger-May, MA, Ken Yamaguchi, MD

10:55 am Discussion

PAPER #25
11:00 am Effect of Double Row Fixation on Rotator Cuff Tendon Blood Flow – A Pilot Study
11:05 am Discussion

**PAPER #26**
11:10 am Prospective Randomized Comparison of Single Row versus Double Row Arthroscopic Rotator Cuff Repair - An MRI Controlled Study
*Sven Lichtenberg, MD, Markus Wiedemann, MD, Petra Magosch, MD, Peter Habermeyer, MD, PhD*

11:15 am Discussion

**PAPER #27**
11:20 am Bilateral Comparison of Arthroscopic vs. Open Rotator Cuff Repairs
*William J. Mallon, MD*

11:25 am Discussion

**PAPER #28**
11:30 am Complete Removal of Muscle Load is Detrimental to Rotator Cuff Healing
*Leesa M. Galatz, MD, Nichole Charlton, BA, Rosalina Das, MS, Hyun-Min Kim, MD, Stavros Thomopoulos, MD*

11:35 am Discussion

**PAPER #29**
11:40 am Subscapularis Function Following Tendon to Tendon Repair in Shoulder Replacement Arthroplasty
*Robert J. Neviaser, MD, Jill L. Caplan, MD*

11:45 am Discussion

11:50 am Adjourn

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**Third Scientific Session**

**Saturday, September 6, 2008**
7:25 am Welcome and Announcements
*Christopher M. Jobe, MD, President*

Symposium III – The Athlete’s Elbow
*Moderator: Neal S. ElAttrache, MD*
7:30 am Update on Lateral Elbow Instabilities
Matthew L. Ramsey, MD

7:42 am Ulnar Collateral Ligament Reconstruction: How and For Whom?
Neal S. ElAttrache, MD

7:54 am Management of Early Arthritis in the Overhead Athlete
Lewis A. Yocum, MD

8:06 am Nerve Entrapments about the Elbow
Scott P. Steinmann, MD

8:18 am Discussion

8:30 am Presidential Guest Speaker
Bernard F. Morrey, MD

9:00 am Break

9:30 am Presidential Address
Christopher M. Jobe, MD

Session VI – Prosthetic Arthroplasty
Moderator: W. Z. (Buz) Burkhead, Jr., MD

PAPER #30
9:50 am Glenohumeral Contact Patterns after Total Shoulder Replacement for Osteoarthritis: Can We Return to Normal?
Jon J.P. Warner, MD, Daniel F. Massimini, BS, Guoan Li, PhD

9:55 am Discussion

PAPER #31
10:00 am Subscapularis Tendon Reconstruction in Total Shoulder Arthroplasty: Biomechanical Evaluation
Scott P. Steinmann, MD, Prasit Wongtriratanachai, Hiromichi Omae, Akin Cil, MD, Mark E. Zobitz, Kai-Nan An, MD, John W. Sperling, MD, MBA

10:05 am Discussion

PAPER #32
10:10 am Cemented versus Uncemented Fixation of Humeral Components in Total Shoulder Arthroplasty for Osteoarthritis of the Shoulder
Robert B. Litchfield, MD, FRCS(C), Micheal McKee, MD, FRCS, Robert Balyk, MD, FRCS, Scott Mandel, MD, FRCS, Richard Holtby, MD, FRCS, Robert Hollinshead, MD, FRCS, Robert McCormack, MD, FRCS, Darren Drosdoweich, MD, FRCS

10:15 am Discussion
PAPER #33
10:20 am  Hemi-Arthroplasty versus Total Shoulder Replacement - A Longer Term Review  
*Michael J. Sandow, FRACS, Huw David, FRCS, Stephen Bentall, FRACS*

10:25 am  Discussion

PAPER #34
10:30 am  12-18 Year Follow-up of Hemiarthroplasty for Glenohumeral Osteoarthritis  
*William N. Levine, MD, Aaron Covey, MD, Charla Fischer, MD, Louis U. Bigliani, MD, Christopher S. Ahmad, MD*

10:35 am  Discussion

PAPER #35
10:40 am  Total Shoulder Arthroplasty in Patients with Parkinson's Disease  
*Thomas J. Kryzak, MD, John W. Sperling, MD, MBA, Robert H. Cofield, MD*

10:45 am  Discussion

10:50 am – 12:00 pm – Second Business Meeting

12:00 pm  Meeting Adjourns