



ACCREDITATION

The 2010 Open Meeting of the American Shoulder and Elbow Surgeons has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the American Academy of Orthopaedic Surgeons and the American Shoulder and Elbow Surgeons. The American Academy of Orthopaedic Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

The American Academy of Orthopaedic Surgeons designates this educational activity for a maximum of **6 AMA PRA Category 1 Credits™**. Physicians should only claim credit commensurate with the extent of their participation in the activity.

AOSSM is the CME provider for the joint educational session.

EDUCATIONAL OBJECTIVES

- Upon completion of this program, participants should be able to:
- Review basic science and orthopaedic problems relative to the shoulder and elbow;
 - Examine the indications, techniques and results of various surgical procedures;
 - Describe the management of common orthopaedic problems relative to the shoulder and elbow;
 - Permit expert panelists to put into perspective new technologies.

Ken Yamaguchi, MD, Program Chair

7:25 am

Welcome and Announcements

Evan L. Flatow, President

**SESSION I: ROTATOR CUFF –
BASIC SCIENCE**

*Moderators: Leesa M. Galatz, MD and
David L. Glaser, MD*

Paper #1

7:30–7:35 am

**Does a Critical Rotator Cuff Tear Stage Exist?
A Biomechanical Study of Rotator Cuff Tear
Progression in Human Cadaver Shoulders**

*Joo Han Oh, MD, PhD, Bong Jae Jun, MS,
Michelle H. McGarry, MS, Thay Q. Lee, PhD*

Paper #2

7:35–7:40 am

**Enhancement of Rotator Cuff Tendon Repair
by Blockade of Matrix Metalloproteinase**

*Joshua S. Dines, MD, Michael Kessler, MD,
David M. Dines, MD, J. Barr, PhD, R. Greenwald,
PhD, Daniel Grande, PhD*

Paper #3

7:40–7:45 am

**Failed Healing of the Rotator Cuff
Correlates with Altered Matrix
Metalloproteinase and Collagen
Expression in the Supraspinatus Tendon**

*Catherine M. Robertson, MD, Michael Shindle,
MD, Camille Clinton, MD, Chris Chen, PhD, Frank
A. Cordasco, MD, Russell F. Warren, MD*

Paper #4

7:45–7:50 am

**Diabetes Mellitus Impairs Tendon-Bone
Healing After Rotator Cuff Repair**

*Asheesh Bedi, MD, Alice Fox, MSc, Xenghua
Deng, MD, Paul Harris, PhD, Russell F. Warren,
MD, Scott A. Rodeo, MD*

7:50 am

Discussion

**SESSION II: ROTATOR CUFF REPAIR –
CLINICAL RESEARCH**

*Moderators: John E. (Jed) Kuhn, MD and
Robert Tashjian, MD*

Paper #5

8:00–8:05 am

**Revision Arthroscopic Rotator Cuff Repair:
Repair Integrity and Clinical Outcome**

*Jay D. Keener, MD, Anthony S. Wei, MD, H. Mike
Kim, MD, Edward S. Paxton, MD, Sharlene Teefey,
MD, Leesa M. Galatz, MD, Ken Yamaguchi, MD*

Paper #6

8:05–8:10 am

**Ultrasound Evaluation of Arthroscopic
Full-Thickness Supraspinatus Rotator Cuff
Repair: Single-Row vs. Double-Row Suture
Bridge (Transosseous Equivalent) Fixation.
Results of a Randomized, Prospective Study**

*Gary M. Gartsman, MD, Gregory Drake, DO, T.
Bradley Edwards, MD, Hussein Elkousy, MD,
Steven M. Hammerman, MD, Dan O'Connor, PhD*

Paper #7

8:10–8:15 am

Timing of Rotator Cuff Repair

*Anshu Singh, MD, Ben Sanofsky, BA, Jae Kim,
MD, Jon J.P. Warner, MD, Laurence D. Higgins, MD*

Paper #8

8:15–8:20 am

**Healed Cuff Repairs Allow Scores Equal to
Untorn Shoulders in Those 65 and Older**

*Michael J. Carlson, MD, Junfeng Sun, PhD,
Erica M. Burns, MD, Jonathon Cotton, MD, Edward
V. Fehring, MD*

Paper #9

8:20–8:25 am

**Subscapularis Function after Open and
Arthroscopic Repair of Isolated Subscapularis
Tendon Tears**

*Christoph Bartl, MD, Gian Salzmann, MD,
Gernot Seppel, MD, Eichhorn Stefan, Dipl Ing,
Konstantin Holzappel, MD, Klaus Wörtler, MD,
Andreas Imhoff, MD*

8:25 am

Discussion

SESSION III: USE OF PLATELET RICH FIBRIN TO ENHANCE ROTATOR CUFF HEALING

Moderators: Joseph P. Iannotti, MD, PhD and Christopher S. Ahmad, MD

Paper #10
8:35–8:40 am

Platelet-Rich Fibrin Matrix in the Management of Arthroscopic Repair of the Rotator Cuff: A Prospective, Randomized Study
Stephen C. Weber, MD

Paper #11
8:40–8:45 am

SECEC Research Grant Award 2008: Can a Natural Insertion of the Rotator Cuff be Induced by Tenocytes of Chronic Chronic Tears? The Role of Platelet Released Growth Factors on Cell-Proliferation and ECM Synthesis in Vitro
Matthias A. Zumstein, MD, Sven Hoppe, MD, Richard Nyffeler, MD, Pascal Boileau, MD, Mauro Alini, PhD

Paper #12
8:45–8:50 am

SECEC Research Grant Award 2008: A New Technique of Biologic Augmentation in Repair of Chronic Rotator Cuff Tears using Autologous Platelet Rich Fibrin (PRF): Vascularization Response and Tendon Healing in a Prospective Randomized Trial
Matthias A. Zumstein, MD, Virginie Lesbats, MD, Christophe Trojani, MD, PhD, Pascal Boileau, MD

8:50 am

Discussion

9:00 am

How-To Video I: Arthroscopic Suprascapular Nerve Release
Laurent Lafosse, MD

SYMPOSIUM I: WHEN SHOULD WE TREAT THE SUPRASCAPULAR NERVE?

9:10 am

Moderator: Gerald R. Williams, Jr., MD
Rarely: William N. Levine, MD
Commonly: Jon J.P. Warner, MD

9:30 am

Discussion

9:40–10:00 am

Break

SESSION IV: SHOULDER ARTHROPLASTY

Moderators: Michael L. Pearl, MD and J. Michael Wiater, MD

Paper #13
10:00–10:05 am

Radiographic Evolution of the Glenoid and Humeral Implant in Grammont Reverse Total Shoulder Arthroplasty with Follow Up from 8 to 12 Years
Barbara Mélis, MD, Jacob Fant Kidder, MD, Cécile Nérot, MD, Daniel Molé, MD, Carlos Maynou, MD, Luc Favard, MD, Pascal Boileau, MD, Gilles Walch, MD

Paper #14
10:05–10:10 am

Do the Indications, Results and Complications of Reverse Shoulder Arthroplasty Change with Surgeon's Experience?
Guillaume Bacle, MD, Barbara Mélis, MD, Jacob Fant Kidder, MD, Laurent Nové-Josserand, MD, Gilles Walch, MD

Paper #15
10:10–10:15 am

Biomechanical Evaluation of Three Subscapularis Repairs after Shoulder Arthroplasty
Geoffrey S. Van Thiel, MD, MBA, Fan Chia Wang, MS, Vincent Wang, PhD, Shane J. Nho, MD, MS, Dana Piasecki, MD, Bernard R. Bach, Jr., MD, Anthony A. Romeo, MD

Paper #16
10:15–10:20 am

Revision Surgery of Reverse Shoulder Arthroplasty
Barbara Mélis, MD, David Duperron, MD, Gregory Moineau, MD, Pascal Boileau, MD

Paper #17
10:20–10:25 am

A Preliminary Report on the Influence of Glensphere Design Features on the Polyethylene Wear of Reverse Total Shoulder Arthroplasty Systems: An In Vitro Wear Simulation
Zachary Vaupel, MD, Kevin C. Baker, MSc, Jimmi Mangla, MD, J. Michael Wiater, MD

10:25 am

Discussion

10:35 am

How-To Video II: Reverse Shoulder Arthroplasty for Proximal Humerus Fractures
T. Bradley Edwards, MD

SYMPOSIUM II: REVERSE VS. HEMI FOR COMPLEX 4-PART PROXIMAL HUMERAL FRACTURES

10:45 am

Moderator: Christian Gerber, MD
Reverse: Pascal Boileau, MD
Hemi: Louis U. Bigliani, MD

11:10 am

Discussion

11:20 am

Neer Award Presentation

**SESSION V: SHOULDER –
MISCELLANEOUS**

*Moderators: Anand M. Murthi, MD and
Bradford O. Parsons, MD*

Paper #18

11:30–11:35 am

**Interscalene Block Anesthesia for
Shoulder Arthroscopy: A Prospective
Study of 1333 Patients**

*Anshu Singh, MD, Charles Kelly, MD, Travis
O'Brien, BA, Jeffrey Wilson, MD, Jon J.P. Warner, MD*

Paper #19

11:35–11:40 am

**What is a Safe Blood Pressure During
Shoulder Arthroscopy in the Beach Chair
Position? A Prospective Study Using
Continuous EEG Monitoring**

*Reuben Gobezie, MD, Yousef Shishani, MD, Troy
Mounts, MD, Tanvir Syed, MD, Adam Haas, MD*

Paper #20

11:40–11:45 am

**Circumferential Lesions of the Glenoid
Labrum: A Prospective Cohort Study of
Arthroscopic Repair with Minimum 2-Year
Follow-up: A Multi-Center Study**

*John Tokish, MD, Lcol, MC, USAF, Colleen
McBratney, MD, Maj, USAF, Daniel J. Solomon,
MD, Lance LeClere, MD, LT, MC, USN, Christopher
B. Dewing, LCDR, MC, USN, **Matthew T.
Provencher, MD, LCDR, MC, USN***

11:45 am

Discussion

11:55 am

**How-To Video III: Arthroscopic
Bicep Tenodesis**

Gary M. Gartsman, MD

12:05–1:05 pm

Lunch

SESSION VI: ELBOW

*Moderators: Michael Hausman, MD and Scott P.
Steinmann, MD*

Paper #21

1:05–1:10 pm

**Linked Semiconstrained Total Elbow
Arthroplasty in Rheumatoid Arthritis:
A 2 to 25 Year Follow-up Study of 461
Consecutive Cases**

*Joaquin Sanchez-Sotelo, MD, PhD, Bernard F.
Morrey, MD*

Paper #22

1:10–1:15 pm

**Combined Flexor-Pronator Mass and Ulnar
Collateral Ligament Injuries in the Elbow of
Older Baseball Players**

*Daryl C. Osbahr, MD, Swarup S. Swaminathan,
Answorth A. Allen, MD, Joshua S. Dines, MD,
Struan H. Coleman, MD, PhD, David W. Altchek, MD*

Paper #23

1:15–1:20 pm

**Proximal Radioulnar Impingement: The
Impact of Radial Tuberosity Size on Distal
Biceps Tendonopathy and Rupture**

*Milford H. Marchant, Jr., MD, Tony Wanich, MD,
Melissa M. Gross, Neal S. ElAttrache, MD*

1:20 pm

Discussion

1:30 pm

**How-To Video IV: Surgical Exposure for
Elbow Arthroplasty**

Matthew L. Ramsey, MD

**SESSION VII: ELBOW –
RADIOCAPITELLAR JOINT**

*Moderators: Jay D. Keener, MD and Joaquin
Sanchez-Sotelo, MD, PhD*

Paper #24

1:40–1:45 pm

Unstable Radial Head Fractures

*Craig A. Rineer, MD, **Thierry G. Guittou, MSc,**
David C. Ring, MD, PhD*

Paper #25

1:45–1:50 pm

**Radiocapitellar Arthritis: Outcomes Utilizing
Allograft Interposition Arthroplasty**

Anand M. Murthi, MD, Jason A. Stein, MD

Paper #26

1:50–1:55 pm

**Arthroscopic Debridement and Microfracture
of Capitellar Osteochondritis Dessicans**

*Chris Pokabla, MD, Larry D. Field, MD, Felix H.
Savoie, III, MD, J. Randall Ramsey, MD, E. Rhett
Hobgood, MD, Chris K. John, MD*

1:55 pm

Discussion

**SYMPOSIUM III: RADIAL HEAD ORIF
VS. ARTHROPLASTY**

2:05 pm

Moderator: Graham J.W. King, MD

Indications for Radial Head Arthroplasty:

Matthew L. Ramsey, MD

Indications for Non-Operative or ORIF

Management of Radial Head Fractures:

David C. Ring, MD, PhD

2:30 pm

Discussion

2:40 pm

Break

3:00–5:03 pm

Adjourn to **La Nouvelle Ballroom A** for the
combined session with Arthroscopy Association of
North America and American Orthopaedic Society
for Sports Medicine

COMBINED SESSION (FOR GENERAL INFORMATION, SEE PAGE 11)

4:04–4:33 pm

Treatment Options for Patients with First-Time Traumatic Anterior Dislocations

Moderator: Richard J. Hawkins, MD, FRCSC

Panelists:

*Jeffrey S. Abrams, MD
Robert A. Arciero, MD
Anthony A. Romeo, MD*

4:34–5:03 pm

Treatment Options for Patients with Failed Rotator Cuff Repairs

Moderator: Robert T. Burks, MD

Panelists:

*Stephen S. Burkhart, MD
Joseph P. Iannotti, MD, PhD
James E. Tibone, MD*

Objectives:

Upon completion of these Case Studies, learners should be able to:

- Improve diagnosis, evaluation, and treatment of traumatic injuries to the upper extremity
- Evaluate patient selection predicated on activity demands and expectations
- Apply technical pearls to enhance management
- Avoid complications

Conference Adjourns

5:03 pm



ARTHROSCOPY ASSOCIATION OF NORTH AMERICA
AMERICAN ORTHOPAEDIC SOCIETY FOR SPORTS MEDICINE

AMERICAN SHOULDER AND ELBOW SURGEONS

3:00–3:03 pm

Welcome

*Jeffrey S. Abrams, MD, AANA 2010 Program Chair
Neal S. ElAttrache, MD, AOSSM 2010 Program Chair
Ken Yamaguchi, MD, ASES 2010 Program Chair*

CONTROVERSIES IN PATIENT MANAGEMENT: CASE STUDIES

3:04–3:33 pm

Treatment Options for Patients with Distal Biceps Tears

Moderator: Bernard F. Morrey, MD

Panelists:

*Patrick M. Connor, MD
Graham J.W. King, MD
Felix H. Savoie, III, MD*

3:34–4:03 pm

Treatment Options for Patients with Partial Thickness Rotator Cuff Tears

Moderator: Russell F. Warren, MD

Panelists:

*John E. Conway, MD
Richard K. N. Ryu, MD
Gerald R. Williams, Jr., MD*

DISCLOSURE STATEMENT

Each participant in the meeting has been asked to disclose if he or she has received something of value from a commercial company or institution, which relates directly or indirectly to the subject of their presentations. The American Shoulder and Elbow Surgeons has identified the options to disclose as follows:

- Research or institutional support has been received;
- Miscellaneous non-income support (e.g., equipment or services), commercially derived honoraria, or other non-research related funding (e.g., paid travel);
- Royalties have been received;
- Stock or stock options held;
- Consultant or employee;
- The author (or member of their immediate family) has not received anything of value from or own stock (or stock options) in a commercial company or institution related directly or indirectly to the subject of his/her presentation.

Complete disclosure information for all faculty and presenters will be listed in the final program.

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