



ACCREDITATION

The 2011 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 (ACCME) 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 sponsor continuing medical education for physicians.

The American Academy of Orthopaedic Surgeons designates this educational activity for a maximum of **8 AMA PRA Category 1 Credits™**. Physicians should only claim credit commensurate with the extent of their participation in the activity.

EDUCATIONAL OBJECTIVES:

Upon completion of this program, participants should be able to:

- Evaluate basic science and orthopaedic problems relative to the shoulder and elbow;
- Study the indications, techniques and results of various surgical procedures;
- Describe the management of common orthopaedic problems relative to the shoulder and elbow;
- Allow expert panelists to put into perspective new technologies.

Mark D. Lazarus, MD and George M. McCluskey, III, MD, Program Co-Chairs

7:25 am **Welcome and Opening Remarks**
Gerald R. Williams, Jr., MD, President

SESSION I: ROTATOR CUFF I

Moderator: Laurence D. Higgins, MD

Paper #1
7:30 – 7:35 am **Prospective Randomized Study of Arthroscopic Rotator Cuff Repair using an Early versus Delayed Post-Operative Physical Therapy Protocol**
Derek J. Cuff, MD, *Derek Pupello, MBA*

Paper #2
7:35 – 7:40 am **Prospective Evaluation of Arthroscopic Rotator Cuff Repairs: Functional Outcomes and Ultrasound Healing Rates at 5 Years**
Lawrence V. Gulotta, MD, *Shane J. Nho, MD, Christopher Dodson, MD, Ronald S. Adler, MD, PhD, David W. Altchek, MD, John D. MacGillivray, MD*

Paper #3
7:40 – 7:45 am

Effectiveness of Physical Therapy in Treating Atraumatic Full Thickness Rotator Cuff Tears. A Multi-Center Prospective Cohort Study

*Angel An, MS, Keith M. Baumgarten, MD, Julie Y. Bishop, MD, Robert H. Brophy, MD, James L. Carey, MD, MPH, Warren R. Dunn, MD, MPH, Brian G. Holloway, MD, Grant L. Jones, MD, **John E. Kuhn MD**, Benjamin C. Ma, MD, Robert G. Marx, MD, MPH, Eric C. McCarty, MD, Souray K. Poddar, MD, Edwin E. Spencer, MD, Armando F. Vidal, MD, Brian R. Wolf, MD, Rick W. Wright, MD*

Paper #4
7:45 – 7:50 am

Serial Structural and Functional Assessment of Rotator Cuff Repairs-Do They Differ at Six and Nineteen Months Postoperatively?

*Kyoung Hwan Koh, MD, Mukesh S. Laddha, MS, Tae Kang Lim, MD, Min Soo Shon, MD, Hyun Il Lee MD, Sung Won Jang MD, Jun Hee Kang, MD, **Jae Chul Yoo, MD***

7:50 – 8:00 am

Discussion

SESSION II: ROTATOR CUFF II

Moderator: Peter D. McCann, MD

Paper #5
8:00 – 8:05 am

Predicting Successful Treatment of Patients with Chronic Full Thickness Rotator Cuff Tears Utilizing Baseline Clinical Indicators

*Richard S. Boorman, MD, **Kristie D. More, MSc**, Dianne Bryant, PhD, Kelly Brett, MD, Robert Hollinshead, MD, Ian K.Y. Lo, MD, Preston Wiley, MD, Nicholas G. Mohtadi, MD*

Paper #6
8:05 – 8:10 am

Postoperative Pain after Open versus Arthroscopic Rotator Cuff Repair

*Raymond R. Ropiak, MD, Benjamin M. Zmistowski, BS, Michael C. Ciccotti, BA, Ralph Rynning, MD, Gerald R. Williams, Jr., MD, **John M. Fenlin, Jr., MD***

Paper #7
8:10 – 8:15 am

Is Early Passive Motion Necessary after Rotator Cuff Repair?

Joo Han Oh, MD, PhD, Yang Soo Kim, MD, PhD, Chung Hee Oh, MD, PhD, Sae Hoon Kim, MD, PhD, Joon Yub Kim, MD, Seok Won Chung, MD, Hye Ran Kim, BA, Shang Mi Shim, BA

Paper #8 8:15 – 8:20 am	Isolated Subscapularis Repair in the Face of Irreparable Posterior-Superior Cuff Tears <i>Mark D. Lazarus, MD, Luke S. Austin, MD, Jason Nydick, DO, Edward S. Chang, MD, Benjamin M. Zmistowski, BS</i>
8:20 – 8:30 am	Discussion
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SESSION III: SHOULDER AND ELBOW TRAUMA	
<i>Moderator: Michael A. Wirth, MD</i>	

Paper #9 8:30 – 8:35 am	Intermediate Outcomes Following Percutaneous Fixation of Proximal Humerus Fractures <i>Alicia K. Harrison, MD, Konrad I. Gruson, MD, Benjamin M. Zmitzkowski, BS, Jay D. Keener, MD, Leesa M. Galatz, MD, Gerald R. Williams, Jr., MD, Bradford O. Parsons, MD, Evan L. Flatow, MD</i>
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Paper #10 8:35 – 8:40 am	Reverse Shoulder Fracture-Prosthesis for the Treatment of Proximal Humeral Fractures in Elderly Patients: Early Clinical and Radiological Results <i>Pascal Boileau, MD, Grégory Moineau, MD, Nicolas Brassart, MD, Philippe Clavert, MD, PhD, Luc Favard, MD, Francois Sirveaux, MD, PhD, Kieran O'Shea, MD</i>
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Paper #11 8:40 – 8:45 am	Interfragmentary Suture Fixation for Displaced Acute Type II Distal Clavicle Fractures <i>Xavier A. Duralde, MD, Scott Pennington, MD, Douglas H. Murray, MD</i>
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Paper #12 8:45 – 8:50 am	Reconstruction of the Coronoid using an Anatomic and Augmented Prosthesis: An In-Vitro Biomechanical Study <i>Bashar Alolabi, MD, Alia Gray, BEng, Louis M. Ferreira, BEng, James A. Johnson, PhD, George S. Athwal, MD, Graham J.W. King, MD</i>
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Paper #13 8:50 – 8:55 am	Are Two Plates Necessary for Fractures of the Distal Humerus? <i>Jeffrey D. Watson, MD, Hyunchul Kim, MS, Edward H. Becker, III, MD, Michael Shorofsky, BS, Robert V. O'Toole, MD, Daniel Lehrman, MD, W. Andrew Eglseider, MD, Anand M. Murthi, MD</i>
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8:55 – 9:10 am	Discussion
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SYMPOSIUM I: COMPLEX PROXIMAL HUMERUS FRACTURES

Moderator: Leesa M. Galatz, MD

9:10 – 9:15 am	Case Presentation
9:15 – 9:20 am	Open Reduction Internal Fixation <i>Guido Marra, MD</i>
9:20 – 9:25 am	Humeral Head Replacement <i>Carl J. Basamania, MD</i>
9:25 – 9:30 am	Reverse Total Shoulder Replacement <i>Gregory P. Nicholson, MD</i>
9:30 – 9:40 am	Panel Discussion
9:40 – 10:00 am	Break

SESSION IV: SHOULDER AND ELBOW IMAGING

Moderator: J. Michael Wiater, MD

Paper #14 10:00 – 10:05 am	Low Sensitivity of Preoperative MRI and MR Arthrogram in Detection of Panlabral Tears of the Glenohumeral Joint <i>Eric T. Ricchetti, MD, Michael C. Ciccotti, BA, Michael G. Ciccotti, MD, Gerald R. Williams, Jr., MD, Mark D. Lazarus, MD</i>
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Paper #15 10:05 – 10:10 am	The Reliability of Axial Computed Tomography (CT) Scan in Determining the Extent of Glenoid Bone Loss in Recurrent Anterior Shoulder Instability <i>Matthew T. Provencher, MD, CDR, MC, USN, Andrew Bernhardson, MD, LT, MC, USN, Christopher B. Dewing, MD, LCDR, MC, USN</i>
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Paper #16 10:10 – 10:15 am	MRI Appearance of Distal Biceps Tendon Repair and Comparison with Functional Outcome <i>Christopher C. Schmidt, MD, Veronica A. Diaz, MD, David M. Weir, MS, Carmen Latona, MD, Mark C. Miller, PhD</i>
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10:15 – 10:25 am	Discussion
10:25 – 10:35 am	How-to Video I: In-Office Diagnostic and Therapeutic Ultrasound of the Shoulder <i>Dean W. Ziegler, MD</i>

SESSION V: SLAP LESIONS

Moderator: Steve A. Petersen, MD

Paper #17 10:35 – 10:40 am	SLAP Lesions of the Shoulder: Incidence Rates, Complications, and Outcomes as Reported by ABOS Part II Candidates <i>Stephen C. Weber, MD, Soheil Payvandi, DO, David F. Martin, MD, John J. Harrast, MS</i>
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Paper #18	
10:40 – 10:45 am	Outcomes of Revision Arthroscopic Type II SLAP Repairs <i>SangDo Park, MD, Ronald E. Glousman, MD</i>
10:45 – 10:50 am	Discussion
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	SYMPOSIUM II: IS THIS A SLAP AND SHOULD I FIX IT?
	<i>Moderator: Jonathan B. Ticker, MD</i>
10:50 – 11:25 am	<i>Panelists:</i> <i>Jeffrey S. Abrams, MD</i> <i>Frank A. Cordasco, MD</i> <i>Patrick J. McMahon, MD</i>
11:25 – 11:35 am	How-to Video II: How I Repair Symptomatic Type II SLAP Tears <i>Patrick M. Connor, MD</i>
11:35 – 11:40 am	Discussion
11:40 – 11:50 am	NEER AWARD PRESENTATION
11:50 am – 12:45 pm	Lunch
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	SESSION VI: REVERSE ARTHROPLASTY
	<i>Moderator: Andrew Green, MD</i>

Paper #19	
12:45 – 12:50 pm	Reverse Total Shoulder Arthroplasty: A Review of Revision Rates in 268 Consecutive Cases. <i>John G. Costouros, MD, Ronald A. Navarro, MD, Tad T. Funahashi, MD, Mary F. Burke, MPH, Tomy S. Huon, BS, Edward H. Yian, MD</i>

Paper #20	
12:50 – 12:55 pm	Inferior Tilt of the Glenoid Component Does Not Decrease Scapular Notching in Reverse Shoulder Arthroplasty: Results of a Prospective Randomized Study <i>T. Bradley Edwards, MD, George J. Trappey, IV, MD, Clay Riley, MD, Daniel P. O'Connor, PhD, Gary M. Gartsman, MD, Hussein A. Elkousy, MD</i>

Paper #21	
12:55 – 1:00 pm	Rotator Cuff Tear Arthropathy: Hemiarthroplasty or Reverse Total Shoulder Arthroplasty? <i>Brian Leung, MD, Thomas W. Wright, MD</i>

Paper #22	
1:00 – 1:05 pm	Dependence of Implant Design & Baseplate Height on Glenohumeral Motion for Reverse Total Shoulder Arthroplasty <i>Comron Saifi, BS, R. Michael Greiwe, MD, Charlie Yongpravat, MSc, Rodrigo Vargas, BA, Thomas Gardner, MCE, William N. Levine, MD, Louis U. Bigliani, MD, Christopher S. Ahmad, MD</i>

1:05 – 1:15 pm	Discussion
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SESSION VII: ARTHROPLASTY

Moderator: Thomas W. Wright, MD

Paper #23	
1:15 – 1:20 pm	Patterns of Loosening of Cemented Polyethylene Keeled Glenoid Components in Primary Osteoarthritis - Results of a Multicenter Study <i>Gilles Walch, MD, Allan A. Young, MD, Pascal Boileau, MD, Markus Loew, MD, Dominique Gazielly, MD, Daniel Molé, MD</i>

Paper #24	
1:20 – 1:25 pm	Moderate and Severe Superior Subluxation of the Prosthetic Humeral Head Indicating Secondary Rotator Cuff Failure Following Total Shoulder Arthroplasty for Primary Osteoarthritis - Results of a Multicenter Study <i>Allan A. Young, MD, Gilles Walch, MD, Guido Pape, MD, Frank Gohlke, MD, Luc Favard, MD</i>

Paper #25	
1:25 – 1:30 pm	Radiographic Survival in Total Shoulder Arthroplasty <i>Tyler J. Fox, MD, Antonio M. Foruria, MD, PhD, Brian J. Klika, MD, John W. Sperling, MD, MBA, Cathy D. Schleck, BS, Robert H. Cofield, MD</i>

Paper #26	
1:30 – 1:35 pm	Long-Term Results of Anatomical Total Shoulder Arthroplasty with Metal-Back Glenoid Components Implanted for Primary Gleno-Humeral Joint Osteoarthritis <i>Grégory Moineau, MD, Nicolas Morin-Salvo, MD, Gilles Walch, MD, Daniel Molé, MD, Christophe Lévine, MD, Luc Favard, MD, Pascal Boileau, MD</i>

Paper #27	
1:35 – 1:40 pm	Hemiarthroplasty and Total Shoulder Arthroplasty (TSA) Revision Rates: Analysis of 1311 Elective Shoulder Replacements in a Community Setting <i>Edward H. Yian, MD, Ronald A. Navarro MD, Tadashi Funahashi MD, Mary F. Burke, MPH, Tomy Huon, BS, Chris Ake, PhD, John Costouros, MD</i>

1:40 – 1:50 pm	Discussion
1:50 – 2:00 pm	How-to Video III: How to Safely Remove a Cemented Humeral Prosthesis in Revision Surgery <i>Anthony A. Romeo, MD</i>

**SESSION VIII: SHOULDER
INSTABILITY I**

Moderator: T. Bradley Edwards, MD

Paper #28

2:00 – 2:05 pm

Does the "Bumper" Created during Bankart Repair Contribute to Shoulder Stability?

Nobuyuki Yamamoto, MD, Takayuki Muraki, PhD, John W. Sperling, MD, MBA, Scott P. Steinmann, MD, Robert H. Cofield, MD, Eiji Itoi, MD, Kai-Nan An, PhD

Paper #29

2:05 – 2:10 pm

Engaging versus Non-Engaging Hill-Sachs Defects within the Functional Shoulder Range of Motion

Robert Najarian, MD, **Stephen D. Fening, PhD**, Morgan H. Jones, MD, MPH, Anthony Miniaci, MD, FRCSC

Paper #30

2:10 – 2:15 pm

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**, Pablo Vargas, MD, Miguel Pinedo, MD, Jason Old, MD, Matthias A. Zumstein, MD

Paper #31

2:15 – 2:20 pm

Contribution of Osseous and Muscular Stabilizing Effects with the Latarjet Procedure for Anterior Instability

Joshua S. Dines, MD, Christopher C. Dodson, MD, Michelle H. McGarry, MS, Joo Han Oh, MD, PhD, David W. Altchek, MD, Thay Q. Lee, PhD

2:20 – 2:30 pm

Discussion

SESSION IX: SHOULDER INSTABILITY II

Moderator: Gary M. Gartsman, MD

Paper #32

2:30 – 2:35 pm

Arthroscopic Revision Repair of Postoperative Recurrent Anterior Instability of the Shoulder

Seung-Ho Kim, MD, Jin-Hyup Shin, MD, Dae-Hak Chung, MD, Jae-Hyun Park, MD, Chang-Woo Seok, MD

Paper #33

2:35 – 2:40 pm

Suture Capsulorrhaphy versus Capsulolabral Advancement for Shoulder Instability

Andrew D. Kersten, MD, Meredith H. Fabing, DO, Ross J. Cooper, ATC, Kevin C. Baker, MS, Kyle Anderson, MD

Paper #34

2:40 – 2:45 pm

Arthroscopic Stabilization for Voluntary Shoulder Instability

R. Michael Greiwe, MD, Pamela Mehta, MD, Greg Galano, MD, Comron Saifi, BS, **Christopher S. Ahmad, MD**

2:45 – 2:55 pm

Discussion

**SYMPOSIUM III:
SURGICAL TREATMENT OF
THE HILL-SACH'S LESION**

Moderator: Peter J. Millett, MD

2:55 – 3:00 pm

Allograft Resurfacing

Brian J. Cole, MD

3:00 – 3:05 pm

Capsulo-Tendon Transfer

Matthew T. Provencher, MD

3:05 – 3:10 pm

Prosthetic Resurfacing

Christopher S. Ahmad, MD

3:10 – 3:20 pm

Panel Discussion

3:20 – 3:40 pm

Break

SESSION X: BASIC SCIENCE

Moderator: Evan L. Flatow, MD

Paper #35

3:40 – 3:45 pm

Interleukin 17 and Tendinopathy: A Critical Regulator

Neal L. Millar, MD, Axel J. Hueber, MD, George A.C. Murrell, MD, PhD, Iain B. McInnes, MD, PhD

Paper #36

3:45 – 3:50 pm

Rotator Cuff Repair in an Ovine Model using a Combination Product Comprised of a Type I Bovine Collagen Matrix and rhPDGF-BB

Joshua S. Dines MD, **David M. Dines MD**, A. Simon Turner, DVM, Amy Lyons, Brandon Santoni, Charlie K. Hee, PhD

Paper #37

3:50 – 3:55 pm

Intercellular Adhesion Molecule-1(ICAM-1, CD54) is Increased in the Frozen Shoulder

Yang-Soo Kim, MD, Jung-Man Kim, MD, Ji-Hoon Ok, MD, Jong-Hoon Ji, MD, Yun-Kyoung Lee, MS

3:55 – 4:05 pm

Discussion

**SESSION XI: ELBOW
ARTHROPLASTY**

Moderator: Joaquin Sanchez-Sotelo, MD, PhD

Paper #38

4:05 – 4:10 pm

The Long-Term Outcome of Total Elbow Arthroplasty in Juvenile Rheumatoid Arthritis

Justin A. Jacobson, MD, Thomas R. Duquin, MD, Bernard F. Morrey, MD, Joaquin Sanchez-Sotelo, MD, PhD

Paper #39

4:10 – 4:15 pm

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

Paper #40

4:15 – 4:20 pm

Primary Arthritis of the Elbow: Does Arthroscopic Ulnohumeral Arthroplasty Result in Improved Outcomes over Simple Arthroscopic Debridement?**Bryan C. Fagan, MD, Larry D. Field, MD, Felix H. Savoie, III, MD**

4:20 – 4:30 pm

Discussion**SYMPOSIUM IV: DISTAL BICEPS TENDON REPAIR***Moderator: Matthew L. Ramsey, MD*

4:30 – 4:40 pm

Single Incision Repair*J. Kenneth Faber, MD, FRCSC*

4:40 – 4:50 pm

Double Incision Repair*Scott P. Steinmann, MD*

4:50 – 5:00 pm

Panel Discussion

5:00 pm

Adjourn**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:

1. Do you or a member of your immediate family receive royalties for any pharmaceutical, biomaterial or orthopaedic product or device?
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Complete disclosure information for all faculty and presenters will be listed in the final program.

The American Shoulder and Elbow Surgeons does not view the existence of these interests or commitments as necessarily implying bias or decreasing the value of the author's participation in this educational activity.



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