

ASES 2023 ANNUAL MEETING



October 3-7, 2023
Westin Kierland Resort
Scottsdale, Arizona

FINAL PROGRAM

Wednesday, October 4th, 2023

- 1:00 p.m.:** **NEER CIRCLE MEETING** (*Neer Circle Members only*)
- 4:00 p.m. – 7:30 p.m.:** **REGISTRATION**
- 5:30 p.m. – 7:30 p.m.:** **PRESIDENT'S/NEW MEMBER WELCOME RECEPTION**
Sponsored by Enovis

Thursday, October 5th, 2023

- 6:00 a.m. – 5:30 p.m.:** **REGISTRATION**
- 6:30 a.m. – 8:00 a.m.:** **BREAKFAST**
- 6:30 a.m. – 5:00 p.m.:** **COMPANY EXHIBITS**
- 6:30 a.m. – 5:00 p.m.:** **POSTER PRESENTATIONS** *Sponsored by Enovis*
- 6:45 a.m. – 7:45 a.m.:** **INSTRUCTIONAL COURSE LECTURES 1-4**
- ICL 1: Revision Radial Head Arthroplasty**
Moderator: *Denise D. Eygendaal, MD*
- ICL 2: Management of the Glenoid in Revision Shoulder Arthroplasty** *Sponsored by Enovis*
Moderator: *Patrick J. Denard, MD*
- ICL 3: My Reverse Dislocated again! Evidence-based revision strategies**
Moderator: *Hyunmim Mike Kim, MD*
- ICL 4: Advanced Ultrasound of the Shoulder**
Moderator: *Brian L. Badman, MD*
- 7:50 a.m. – 7:55 a.m.:** **WELCOME: ASES 2022-2023 President**
Peter B. MacDonald, MD, FRCSC
- 7:55 a.m. – 8:00 a.m.:** **WELCOME AND ANNOUNCEMENTS: 2023 Annual Meeting Co-Chairs:**
George S. Athwal, MD, Kevin D. Plancher, MD, MPH, Theodore F. Schlegel, MD
- 8:00 a.m. – 10:00 a.m.:** **SPOUSE/GUEST BREAKFAST**
- 8:00 a.m. – 9:00 a.m.:** **CASE-BASED SYMPOSIUM #1: Failed Shoulder Surgery in the High-Level Athlete**
- Moderator:** *Bradford O. Parsons MD*
- Panelists:** *Jeffrey S. Abrams, MD, Oke A. Anakwenze, MD, Julie Y. Bishop, MD, Frank A. Cordasco, MD, MS, Nikhil N. Verma, MD, Melissa A. Wright, MD*

9:00 a.m. – 9:30 a.m.:

PAPER SESSION I: Sports Shoulder

Moderators: *William R. Aibinder, MD, Michael T. Freehill, MD*

PAPER #1 - Recurrence After Anterior Shoulder Stabilization: Two Year Results from the MOON Shoulder Cohort - **Brian R. Wolf, MD, MS**

PAPER #2 - Inferior Craniocaudal Hill-Sachs Extension is Associated with Recurrent Instability Following Primary Arthroscopic Bankart Repair - **Ting Cong, MD**

PAPER #3 - Return to Sport Following Arthroscopic Anatomic Glenoid Reconstruction: A 2-year Follow Up - **Ivan H. Wong, MD**

PAPER #4 – Pitching Stride Characteristics Across an Appearance During a Division-1 Collegiate Baseball Game - **Michael T. Freehill, MD**

9:30 a.m. – 10:00 a.m.:

CODMAN LECTURE

Milton Stegall. Former Professional Footballer

10:00 a.m. – 10:30 a.m.:

BREAK

10:30 a.m. – 11:30 a.m.:

SYMPOSIUM # 2 Concurrent: Physical Examination of the Shoulder (Failed Rotator Cuff/Shoulder Stabilization Surgery)

Moderator: *Felix H. (Buddy) Savoie III, MD*

Panelists: *Richard J. Hawkins, MD, FRCSC, Robert B. Litchfield, MD, FRCSC, John M. Tokish, MD*

10:30 a.m.– 11:30 a.m.:

CASE-BASED SYMPOSIUM # 3 Concurrent: Revision Elbow Arthroplasty

Moderator: *Graham J.W. King, MD, FRCSC*

Panelists: *Emilie V. Cheung, MD, Denise Eygendaal, PhD, MD, Jay D. Keener, MD, Mark E. Morrey, MD, Shawn W. O'Driscoll, PhD, MD, Dominique Rouleau, MD*

11:30 a.m.– 12:00 p.m.:

POLITICAL ADVOCACY SESSION

Presenters: *Brandon “Brad” D. Bushnell, MBA, MD, Scott P. Steinmann, MD, Hafiz F. Kassam, MD, Claudius D. Jarrett, MD, Joshua Port, MD*

12:00 p.m. – 1:00 p.m.:

INDUSTRY WORKSHOPS

Arthrex: Arthrex ShowCase: Challenges of the Rotator Cuff Continuum

ConMed: From Arthroscopy to Arthroplasty: Augmentation with a Novel Reinforced BioInductive Implant

Lima Corporate: A New Bone-Preserving Solution: Stemless Anatomic + Hybrid Glenoid

Pacira: Complex Shoulder Procedures: Key Considerations When Migrating to Outpatient

Smith & Nephew: Redefining Repair + Reconstruction: the Rotator Cuff Continuum of Care

Stryker Sports Medicine: Stryker Shoulder Solutions: Powered by Research

1:00 p.m. – 1:30 p.m.:

BREAK

1:30 p.m. – 2:00 p.m.:

NEER LECTURE: "The Journey, Life and Orthopedics"

Richard J. Hawkins, MD, FRCSC

2:00 p.m.– 3:00 p.m.:

PAPER SESSION II Concurrent: Rotator Cuff

Moderators: *Michael H. Amini, MD, Peter Lapner, MD*

PAPER #5 - Does Surgical Intervention Alter the Natural History of Degenerative Rotator Cuff Tears? Comparative Analysis from a Prospective Longitudinal Study - **Jay D. Keener, MD**

PAPER #6 - Missed Statin Therapy and 10-year Atherosclerotic Cardiovascular Disease Risk Score Are Related to a High Risk of Retear after Arthroscopic Rotator Cuff Repair - **Sang-Jin Shin, MD**

PAPER #7 - Range of motion at 6 weeks is an independent risk factor for failure at 6 months after arthroscopic supraspinatus repair - **Philippe Collin, MD**

PAPER #8 - Subacromial Decompression is Associated with Reduced Risk of Revision Rotator Cuff Repair: A Large Matched Cohort Insurance Database Analysis - **Brian Forsythe, MD**

PAPER #9 - Concomitant Biceps Tenodesis is Associated with Lower Reoperation Rates Following Primary Rotator Cuff Repair - **Umasuthan (Uma) Srikumaran, MBA, MD, MPH**

PAPER #10 - Revision of rotator cuff repair: clinical and radiological outcomes. - **Nicolas Bonneville, MD, PhD**

PAPER #11 - Short to Mid Term Outcomes of the Subacromial Balloon Spacer in Patients With and Without Previous Rotator Cuff Tear Repair - **Joseph A. Abboud, MD**

PAPER #12 - Lower trapezius tendon transfer improves range of motion, function, and restores external rotation in patients with a massive, irreparable, posterosuperior rotator cuff tear - **Jarret Murray Woodmass, FRCSC, MD**

2:05 p.m. – 3:00 p.m.:

PAPER SESSION III Concurrent: ELBOW

Moderators: *Diane Nam, MD, Anand M. Murthi, MD*

PAPER #13 - Early vs. Delayed Motion after Surgical Repair of Elbow Fractures: A Prospective, Randomized Trial - **Catherine J. Fedorka, MD**

PAPER #14 - Internal Fixation, Parallel Plating and Selective Supracondylar Shortening for Distal Humerus Nonunions: Results of the Supracondylar Osteotomy and Shortening (SOS) Procedure - **Shawn W. O'Driscoll, PhD, MD**

PAPER #15 - The Yield Of Subsequent Radiographs During Nonoperative Treatment Of Radial Head And Neck Fractures - **William R. Aibinder, MD**

PAPER #16 - Predicting Elbow Motion Following Arthroscopic Osteocapsular Arthroplasty - **Jorge L. Rojas Lievano, MD, MSc**

PAPER #17 - Injection of lateral epicondylitis; are injectables just for show? - **Denise D. Eygendaal, MD**

PAPER #18 - The Incidence and Risk Factors for Reoperation and Revision Following Total Elbow Arthroplasty with an Anatomic Convertible Prosthesis - **Benjamin M. Zmistowski, MD**

PAPER #19 - High failure rate of two-stage revision for the infected total elbow arthroplasty: A single institution's experience - **Corey J. Schiffman MD**

3:00 p.m.: – 3:10 p.m.:

ASESF PRESENTATION

Joseph A. Abboud, MD, Chairman, ASESF Board of Trustees

3:10 p.m. – 3:55 p.m.:

ASES BUSINESS MEETING #1

3:30 p.m. – 5:00 p.m.:

WINE & CHEESE & POSTERS IN THE EXHIBIT HALL

6:00 p.m. – 10:00 p.m.: NEER CIRCLE/GUEST NATION DINNER (*By invitation only*)

Friday, October 6th, 2023

6:00 a.m. – 4:00 p.m.: REGISTRATION

6:30 a.m. – 8:00 a.m.: BREAKFAST

6:30 a.m. – 3:30 p.m.: COMPANY EXHIBITS

6:30 a.m. – 3:30 p.m.: POSTER PRESENTATIONS – *Sponsored by Enovis*

6:45 a.m. – 7:45 a.m. INSTRUCTIONAL COURSE LECTURES 5-8A

ICL 5: Complex Elbow Injuries: Management of Recurrent Instability, Chronic Dislocations, and Salvage Procedures

Moderator: *Jennifer Tangtiphaiboonatana, MD*

ICL 6: Pearls and Pitfalls in Revision Shoulder Arthroplasty

Sponsored by Enovis

Moderator: *John W. Sperling, MD, MBA*

ICL 7: Innovation and Advancing Technology in Shoulder Arthroplasty

Moderator: *Christopher S. Klift, MD*

ICL 8: Laxity, Hyperlaxity, Hypermobility, & Multidirectional Instability: How to Define, Assess, & Treat

Moderator: *Uma Srikumaran, MBA, MD, MPH*

ICL 8A: Rockin' the Rotator Cuff- How to Get Em' Back. An ICL in conjunction with ASSET

Moderator: *Michael T. Freehill, MD*

7:50 a.m.: ANNOUNCEMENTS: 2023 Annual Meeting Co-Chairs

8:00 a.m. – 10:00 a.m.: SPOUSE/GUEST BREAKFAST

8:00 a.m. – 9:00 a.m.: CASE BASED SYMPOSIUM #4: SHOULDER TRAUMA – Revisions and Complications (Fractured Plates & Loose Screws!)

Moderator: *Jonathan C. Levy, MD*

Panelists: *Jonah Hebert-Davies, MD, Sara L. Edwards, MD, Armodios M. Hatzidakis, MD, John M. Itamura, MD, Gregory P. Nicholson, MD, Eric T. Ricchetti, MD, John W. Sperling, MD, MBA*

9:00 a.m. – 9:30 a.m.: PAPER SESSION IV: Shoulder Trauma

Moderators: *Sara L. Edwards, MD, Sumant G. Krishnan, MD*

PAPER #20 - Comparison of Outcomes of 2-part and 3- or 4-part Acute Proximal Humerus Fracture Treated Using an Intramedullary Nail – **Ben Sears, MD**

PAPER #21 - Long-term results of pyrocarbon interposition hemiarthroplasty (PISA) for posttraumatic advanced humeral head necrosis - **Frank Gohlke, MD**

PAPER #22 - Clinical Outcomes Following Surgical Fixation of Acromion Fractures - **Niloofar Dehghan, MD**

PAPER #23 - Reverse Total Shoulder Arthroplasty for Acute Proximal Humerus Fractures: Is Delay Associated with an Increased Rate of Reoperation? - **Ujash Sheth, MD, MSc, FRCSC**

9:30 a.m. – 10:00 a.m.: ASES PRESIDENTIAL ADDRESS AND GAVEL PASSING

Peter B. MacDonald, MD, FRCSC

10:00 a.m. – 10:30 a.m.: BREAK

10:30 a.m. – 11:15 a.m.:	CASE BASED SYMPOSIUM #5: Revisions of Elbow Trauma – Nonunions, Malunions and a Few Complications! Moderator: Michael D. McKee, MD Panelists: Niloofar Dehghan, MD, Kenneth J. Faber, MD, FRCSC, ME, Robert Z. Tashjian, MD, Joaquin Sanchez-Sotelo, MD, PhD, Scott P. Steinmann, MD, Charles L. Getz, MD
11:15 a.m. – 11:30 a.m.:	NEER CIRCLE CONSENSUS STATEMENT
11:30 a.m. – 12:00 p.m.:	GUEST NATION PRESIDENT’S LECTURE Ryan T. Bicknell, MD, MSc, FRCSC
12:00 p.m. – 1:00 p.m.:	INDUSTRY WORKSHOPS Anika: The Next Revolution in Reverse Shoulder Arthroplasty with the Industry’s Smallest Diameter Threaded Baseplate DePuy Synthes: Augmenting INHANCE™ Shoulder System: KICKSTAND™ Augment on Demand™, R/SPEED™ UNITI™ Monobloc baseplate and Hybrid UNITI™ Glenoid. Enovis: The Complete Set: Treating Glenoid Deformity in aTSA Exactech: Inlay vs Onlay: The Debate That Isn't Stryker: Do more for fractures using the Perform Fracture System Zimmer Biomet: Maximizing Gleno-Humeral Technologies to Achieve the Best Patient Outcomes
1:00 p.m. – 1:30 p.m.:	BREAK
1:30 p.m. – 2:00 p.m.:	MORREY SCIENTIFIC LECTURE: Biomechanics Research as a Surgeon: Strategies for Success Graham J.W. King, MD, FRCSC
2:00 p.m. – 3:00 p.m.:	PAPER SESSION V: Miscellaneous Shoulder & Elbow Moderators: David M. Dines, MD, Ian K.Y. Lo, MD PAPER #24 - Impact of Reverse Shoulder Arthroplasty Design and Patient Shoulder Size on Moment Arms and Muscle Fiber Lengths in Shoulder Abductors - Mark A. Frankle, MD PAPER #25 - Latissimus Dorsi Tendon Transfer and Reverse Shoulder Arthroplasty: Restoring Mechanical Advantage by Transfer Posterior to the Long Head of the Triceps Tendon – Theodore A. Blaine, MD PAPER #26 - Assessment of concomitant subscapularis tendon repair in reverse shoulder arthroplasty and superior migration of reattachment - Jae Chul Yoo, MD PAPER #27 - The Kouvalchouk Procedure Versus Distal Tibial Allograft for the Management of Posterior Shoulder Instability - A Biomechanical Comparison and Evaluation of the Deltoid "Hammock" Effect - George S. Athwal, MD, FRCSC PAPER #28 - Press-fit versus loose fit stems and risk for untoward surgical outcomes following radial head arthroplasty: A US-based cohort study of 1575 patients - Ronald A. Navarro, MD PAPER #29 - Novel Radial Head Donor Graft for Capitellum Osteochondral Autograft Transfer: A Cadaveric Biomechanical Analysis - Joseph W. Galvin, DO, FAAOS PAPER #31 - Posterior Angulation of the Ulna Improves Radial Head Stability in Anterior

Monteggia Fractures: An In-Vitro Biomechanical Study - **Kirk Vannitamby, MD**

3:00 p.m. – 3:10 p.m.:

ASES AWARDS CEREMONY

3:10 p.m. – 3:55 p.m.:

ASES BUSINESS MEETING #2

6:00 p.m. – 10:00 p.m.:

ASES ALL-SHOW PARTY (*additional registration required*)

Desert Foothills – transportation provided

Saturday, October 7th, 2023

6:00 a.m. – 11:00 a.m.:

REGISTRATION

6:30 a.m. – 8:00 a.m.:

BREAKFAST

6:30 a.m. – 10:30 a.m.:

COMPANY EXHIBITS

6:30 a.m. – 10:30 a.m.

POSTER PRESENTATIONS – *Sponsored by Enovis*

6:45 a.m. – 7:45 a.m.:

INSTRUCTIONAL COURSE LECTURES 9-12

ICL 9: Stabilizing the Unstable Elbow - Foundations for Success

Moderator: *Mark E. Morrey, MD,*

ICL 10: "Get Me Back in The Game": A Case-Based Roundtable Discussion on Athletic Shoulder Injuries

Moderator: *Brian R. Waterman, MD*

ICL 11: Proximal, Mid, and Distal Humerus Fractures; What to do When the Initial Treatment Doesn't Work!

Moderator: *Michael L. Pearl, MD*

ICL 12: Marketing and Brand Management for Shoulder & Elbow Surgeons

Moderator: *Hafiz F. Kassam, MD*

7:50 a.m. – 8:00 a.m.:

ANNOUNCEMENTS: 2023 Annual Meeting Co-Chairs

8:00 a.m. – 10:00 a.m.:

SPOUSE/GUEST BREAKFAST

8:00 a.m. – 9:00 a.m.:

CASE-BASED SYMPOSIUM #6: Rotator Cuff Failures: Its Torn Again!

Moderator: *Anthony A. Romeo, MD*

Panelists: *Joseph A. Abboud, MD, April D. Armstrong, MD, FRCSC, Leesa M. Galatz, MD, John E. (Jed) Kuhn, MD, MS, Scott A. Rodeo, MD, Patrick St. Pierre, MD*

9:00 a.m. – 9:30 a.m.:

PAPER SESSION VI: Arthroplasty

Moderators: *J. Whitcomb Pollock, FRCSC, MD, MSc, Michael C. Fu, MD, MHS*

PAPER #32 - Humeral Component Version Has No Effect on Outcomes Following RTSA: A Prospective, Double-Blinded, Randomized, Controlled Trial - **Brandon Todd Fisher, MD**

PAPER #33 - The Effect of Pretreatment for Cutibacterium Acnes on Surgical Site Burden in Shoulder Arthroplasty: A Randomized Controlled Trial - **Michael C. Fu, MD, MHS**

PAPER #34 - Do Preoperative Scapular Fractures Affect Outcomes after Reverse Shoulder Arthroplasty? – **Caleb Davis, MD**

PAPER #35 - Clinical Outcomes of Stemmed Pyrocarbon Hemiarthroplasty for Arthritis of the Glenohumeral Joint or Humeral Head Osteonecrosis: A prospective two-year multicenter study - **Armodios M. Hatzidakis, MD**

9:30 a.m. – 10:00 a.m.:

Artificial Intelligence in Shoulder & Elbow Surgery

Moderators: *Christopher S. Klift, MD,*

Panelists: Grant E. Garrigues, MD, Julia Lee, MD
FAAOS, Thomas Ward Throckmorton, MD, FAAOS, Bradley S.
Schoch, MD, FAAOS

10:00 a.m. – 10:30 a.m.:

BREAK

10:30 a.m. – 11:15 a.m.:

PAPER SESSION VII: Guest Nation

Moderators: **Jarrett Murray Woodmass, FRCSC, MD, Robert B. Litchfield, MD, FRCSC**

PAPER #36 - What Happens To Patients Long Term When We Don't Repair Their Cuff Tears? Ten year Rotator Cuff Quality of Life Index (RC-QOL) Outcomes Following Non-Operative Treatment of Patients with Full Thickness Rotator Cuff Tears. - **Richard S. Boorman, FRCSC, MD, MSc**

PAPER #37 - Elbow bridge plating is an effective adjunct treatment for selected complex elbow instability - **Kenneth J. Faber, MD, FRCSC, MEd**

PAPER #38 - Description of a new surgical approach for Elbow Arthroplasty: Selective Triceps-On Medial Paraolecranon (STOMP) Approach - **Bashar Alolabi, FRCSC, MD, MSc**

PAPER #39 - A Multi-Centre, Randomized Controlled Trial Comparing a Second-Generation Uncemented Trabecular Metal-backed vs Cemented Polyethylene Glenoid Component in Total Shoulder Arthroplasty: Five-year Results - **Fay Leung**

PAPER #40 - A Multicenter Retrospective Cohort Study Comparing Conventional Double-Row with Suture Bridge Fixation in Arthroscopic Rotator Cuff Repairs - **Peter Lapner, MD**

PAPER #41 - An In-Vitro Biomechanical Comparison of Annular Ligament Repair and Reconstructions to Restore Radial Head Stability in Anterior Monteggia Fractures - **James A. Johnson, PhD**

11:15 a.m. – 12:15 p.m.:

CASE BASED SYMPOSIUM #7: Revision Shoulder Arthroplasty

Moderator: Joaquin Sanchez-Sotelo, MD, PhD

Panelists: Mark A. Frankle, MD, Andrew Jawa, MD, Albert Lin, MD, April D. Armstrong, MD, FRCSC, Ryan T. Bicknell, MD, MSc, FRCSC

12:15 p.m. – 12:45 p.m.:

PAPER SESSION VIII: Revision Shoulder Arthroplasty

Moderators: Michael J. Kissenberth, MD, Vahid Entezari, MD

PAPER #42 - Effect of Implant- and Patient-related Factors on Risk of Dislocation after Reverse Shoulder Arthroplasty: A Study by the ASES Multicenter Complications of RSA Research Group - **Andrew Jawa, MD**

PAPER #43 - REVERSE SHOULDER ARTHROPLASTY MEGAPROSTHESIS PERFORMANCE IN THE TREATMENT OF SEVERE PROXIMAL HUMERUS BONE LOSS - **John W. Sperling, MD, MBA**

PAPER #44 - Does retained cement or hardware after 2-stage revision shoulder arthroplasty for infection increase the risk of repeat infection? - **Corey J. Schiffman, MD**

PAPER #45 - Primary and revision reverse total shoulder arthroplasty using a patient-matched glenoid implant for severe glenoid bone deficiency - **Richard Michael Michelin, MD**

12:45 p.m.:

CLOSING REMARKS/ADJOURNMENT 2023 Annual Meeting Co-Chairs