ASES 2021 Annual Meeting
Tampa, Florida
December 15-17, 2021

2021 ANNUAL MEETING PROGRAM (As of 11.11.21)

Wednesday, December 15th, 2021

6:30 a.m. **EXHIBIT HALL OPEN, BREAKFAST, SCIENTIFIC POSTER SESSIONS**

7:30 a.m. – 8:45 a.m.: **PAPER SESSION #1 --** Anatomic TSA papers
Moderators: Joaquin Sanchez-Sotelo, MD, PhD & Kevin Cronin, MD

Paper 1 *The Role of Indian Hedgehog Signaling in Development and Resolution of Rotator Cuff Tendinopathy Due to Subacromial Impingement- Evaluation Using a Mouse Model*

Scott Rodeo, MD, Daoyun Chen, Xianghua Deng, Yulei Liu, Arielle Jordan Hall, Liang Ying, Ting Cong, Xueying Zhang

Paper 2 *Fixed Versus Variable Angle Humeral Neck Cut in Anatomic Total Shoulder Arthroplasty: A Randomized Controlled Trial*

Christopher Joyce MD, Manan S Patel, MD, Arjun M Singh, MD, Michael A Stone, MD, John G. Horneff, MD, Luke Austin, MD, Mark D. Lazarus, MD

Paper 3 *Critical Shoulder Angle is Correlated to Failure of Anatomic Total Shoulder Arthroplasty*

Anshuman Singh, MD, Eloy Tabeayo, Priscilla Chan, Heather Prentice, William Burfeind, Mark Dillon, Karimdad Otarodi, Anshuman Singh

Paper 4 *Symptomatic Aseptic Loosening of a Short Humeral Stem Following Anatomic Total Shoulder Arthroplasty*

Benjamin Zmistowski, MD, Daniel Carpenter, Peter Chalmers, Matt Smith, Jay Keener

Paper 5 *Efficacy of Diagnostic Arthroscopy with Tissue Cultures in Evaluation of the Painful Shoulder Arthroplasty*

Eric Ricchetti, MD, Deepak Cheriachan, MBBS, Jason C. Ho, MD, Joseph P. Iannotti, MD, PhD

Paper 6 *Uncemented Versus Peripherally Cemented Hybrid Caged Glenoid In Anatomic Total Shoulder Arthroplasty with Minimum 5-Year Follow-Up*

Richard Friedman, MD, Jonathan Brett Goodloe, Sarah Toner, Justin Rabinowitz, Josef K. Eichinger

Paper 7 *Stemless Total Shoulder Arthroplasty Using a Novel Multiplanar Osteotomy and Elliptical Humeral Head Results in Both Improved Early Range of Motion and Radiographic Center of Rotation Compared to Standard Total Shoulder Arthroplasty*

Matthew Budge, MD, Nathan Orvets

Paper 8 *Anatomic Total Shoulder Arthroplasty for Patients with Preserved Preoperative Motion*

Brian Werner, MD, M. Tyrrell Burrus, Justin W. Griffin, Patrick J. Denard, Evan Lederman, Reuben Gobezie

Paper 9 *The Impact of Post-Operative Internal Rotation on Patient Assessment of Quality Following Total Shoulder Arthroplasty*

Benjamin Zmistowski, MD, J. Ryan Hill, Reme Arhewoh, Alexander Aleem, Aaron Chamberlain

8:45 a.m. – 9:30 a.m.: **SYMPOSIUM #1** -- *Anatomic TSA Case Presentation*

***Case Presenters**:* Bradford Parson, MD & Andrew Jawa, MD
***Expert Panel**:* Frances Cuomo, MD, Robert H. Cofield, MD, John Sperling, MD, MBA, John JP Warner, MD

9:30 a.m. – 9:45 a.m.: **BREAK**

9:45 a.m. – 10:45 a.m.: **PAPER SESSION #2 --** Instability Papers
Moderators: Brian R. Wolf, MD, MS & Jocelyn Wittstein, MD

Paper 10 *Postage-Stamp Glenoid Fracture after Bankart Repair. How Many Anchors are Safe? - A Biomechanical Analysis*

Mario Lobao, MD, Pooyan Abbasi, Steven Svoboda

Paper 11 *Long-Term Outcomes Following Arthroscopic Posterior Shoulder Stabilization: Minimum 10 Year Follow-up*

Justin Arner, MD, Benjamin Rothrauff, Spencer Talentino, James P. Bradley

Paper 12 *Preoperative Computerized Tomography Predicts Coracoid Graft Size and Restoration of the Glenoid Track in Patients Undergoing Latarjet Procedures*

Albert Lin, MD, Brian M. Godshaw, Stephanie Boden, Jonathan D. Hughes, Bryson P. Lesniak

Paper 13 *Open vs Arthroscopic Latarjet for Anterior Shoulder Instability*

Laith M. Jazrawi, MD, Eoghan Hurley, Erel Ben Ari, Nathan A. Lorentz Christopher A. Colasanti, Bogdan A. Matache, Mandeep Virk, Robert J Meislin

Paper 14 *Biomechanical Analysis of Anterior Stability After 15% Glenoid Bone Loss - Comparison of Latarjet, Longhead biceps transfer, and Bankart Repair*

Allen Nicholson, MD, Andreas Kontaxis, Sridhar Pinnamaneni, Edward Carey, Amirhossein Jahandar, David M. Dines, Russell F. Warren, Joshua S Dines, Lawrence V. Gulotta, Samuel A Taylor

Paper 15 *Surgical Treatment of Shoulder Instability with Subcritical Glenoid Bone Loss: Bankart versus Latarjet*

Kyong Min, MD, Jeff Wake, Christian Cruz, James Shaha, Craig Bottoni

Paper 16 *Posterior Labral Injury Secondary to Hill Sachs Lesion in the Setting of Anterior Traumatic Shoulder Instability: An Underappreciated Diagnosis*

Christine Piper, MD, John Gabriel Horneff, MD, Kelsey Young, MD George Russell Huffman, MD

Paper 17 *Return to Sport Testing vs Time-Based Clearance in Posterior Shoulder Instability*

Albert Lin, MD, Robin Dunn, Christopher Como, Ajinkya Rai

10:45 a.m. – 11:30 a.m.: **SYMPOSIUM #2 --** *"Keeping on Track"- Instability Case Presentation*

Case Presenters: Robert Hartzler, MD & Seth Garmradt, MD
Expert Panel: Jeff Abrams, MD, Frank Cordasco, M.D., Tony Romeo, MD, Jon JP Warner, MD

11:30 a.m. -11:50 a.m.: **NEER LECTURE --** Robert H. Cofield, MD

12:00 p.m. – 1:00 p.m.: **INDUSTRY LUNCH WORKSHOPS**

1:15 p.m. – 2:00 p.m.: **ICL SECTION #1**

Do's and Don'ts in Elbow Arthroplasty: A Case-Based Discussion on How to Stay Out of Trouble and Achieve Good Outcomes	Mark E. Morrey, MD
Outpatient Total Shoulder Arthroplasty: No Better Time Then Now	Anthony Romeo, MD
Rotator Cuff Repairs, Latest Techniques: From No-Anchor to Double Row Repairs, Everything You Need to Know	Alec Cikes, MD

2:00 p.m. – 2:15 p.m.: **BREAK**

2:15 p.m. – 2:30 p.m.: **HOST NATION SECTION #1:** Adam Watts – FRCS, ELBOW

2:30 p.m. – 3:15 p.m. **PAPER SESSION #3 --** Practice Management

Moderators: Nathan G. Everding, MD & Scott A. Rodeo, MD

Paper 18 *Does Application of Hydrogen Peroxide to the Dermis Reduce Incidence of Cutibacterium Acnes during Shoulder Arthroplasty: a Randomized Control Trial*

Jonathan C. Levy, MD**,** Gagan Grewal, Teja Polisetty, Andrew Boltuch, **Ryan Colley**, Raul Tapia

Paper 19 *Opioid-Free Shoulder Arthroplasty is Safe, Effective, and Predictable Compared to a Traditional Perioperative Opiate-Containing Regimen: a Randomized Controlled Trial of a Novel Clinical Care Pathway*

Nady Hamid, MD, Josef E. Jolissaint, Gregory T. Scarola, Susan M. Odum, Caleb Michalek, Daniel Leas, Bryan Saltzman, Shadley Schiffern, Bryan J. Loeffler, Patrick M. Connor

Paper 20 *Opioid-Sparing Pain Management Protocol Following Shoulder Arthroplasty Results in Less Opioid Consumption and Higher Satisfaction: A Prospective, Randomized Control Trial*

Tyler Brolin, MD, Caleb A. Jones, Jeff Murphy, Robert R. Eason, Myles Joyce, David L. Bernholt, Frederick M. Azar, Thomas W. Throckmorton

Paper 21 *Increased Actual Sling Wear is Associated with Better Early Patient-Reported and Radiographic Outcomes*

Mohit Gilotra, MD, Tristan B. Weir, Blessing Enobun, Michael Livesey, Anshum Sood, Nicolas Gonzalez, Marcus Hughes, Derek Jones, S. Ashfaq Hasan

Paper 22 *Photodynamic Therapy for Cutibacterium Acnes Decolonization of the Shoulder Dermis*

John G. Horneff III, MD, Manan Patel, Thema Nicholson, Christopher Hadley, Serge Tzeuton, Mark Lazarus, Surena Namdari, Joseph A Abboud

Paper 23 *Functional Somatic Syndromes are Strongly Associated with Suboptimal Outcomes and High Cost After Shoulder Arthroplasty*

Mariano Menendez, MD, Andrew Jawa, Michael A. Moverman, Richard N. Puzzitiello, Nicholas R. Pagani, Andrew S. Moon, Paul-Anthony Hart, Jacob M. Kirsch, Mariano E. Menendez

3:45 p.m. – 5:30 p.m.: **NEER CIRCLE MEETING PART ONE –** Academic Question
(Neer Circle Members & Invited Guests Only)

6:30 p.m. – 8:30 p.m.: **PRESIDENT'S AND NEW MEMBER RECEPTION**

Thursday, December 16th, 2021

6:30 a.m. **EXHIBIT HALL OPEN, BREAKFAST, SCIENTIFIC POSTER SESSIONS**

7:00 a.m. – 7:45 a.m.: **PAPER SESSION #4 --** Shoulder Fractures
Moderators: Oke A. Anakwenze, MD, MBA & Lawrence V. Gulotta, MD

Paper 24 *Fracture Morphology Predicts Risk of Postoperative Complications Following Operative Fixation of Midshaft Clavicle Fractures*

Albert Lin, MD, Stephen R. Chen, Shaquille Charles, Peter N. Mittwede, Gele B. Moloney

Paper 25 *Periprosthetic Humerus Fractures after Shoulder Arthroplasty: An Evaluation of Available Classification Systems.*

Joseph King, MD, M. Zino Kuhn, BS, Joseph J. King, MD, Thomas W. Wright, MD, Kevin W. Farmer, MD, Jonathan Levy, MD, Kevin, A. Hao, BS, Matthew Patrick, MD

Paper 26 *Spin in the Abstracts of Meta-analyses and Systematic Reviews: Midshaft Clavicle Fractures*

Joseph N. Liu, MD, Matthew T Gulbrandsen, R. Casey Rice, Jun Ho Chung, Trevor R Gulbrandsen

Paper 27 *Surgeon Subspecialty Training and Initial Radiographs Have the Largest Impact on Decision-Making for Management of Proximal Humerus Fractures*

Ranjan Gupta, MD, James Jung, MD, Tyler Johnston, MD, David Wright, MD, Phil Lim, MD, Ronald Navarro, MD, Babar Shafiq, MD, Thay Q. Lee, PhD

Paper 28 *Using the Greater Tuberosity as a Reference for Plate Placement in Proximal Humerus Fractures Leads to a High Rate of Calcar Screw Malposition: The Importance of Patient Height*

Michael H. Amini, MD, Midhat Patel, Paulo Castan, William K Roache, Niloofar Dehghan, Michael D McKee

Paper 29 *Minimally Invasive Percutaneous Fixation with Modified Palm Tree Technique for Fractures of the Proximal Humerus: Long-term Clinical and Radiological Outcomes in a Series of One Hundred and Thirty-Two Patients.*

Ofer Levy, MD, Siddharth Virani, Andreas Leonidou, Georgios Panagopoulos, Luis Natera, Caroline Witney Lagen
Paolo Consigliere, Panagiotis Anastasopoulos, Giuseppe Sforza, Ira Bachar Avnieli, Feras Qawasmi, Ehud Atoun

7:45 a.m. – 8:30 a.m.: **PAPER SESSION #5 --** Elbow Fractures
Moderators: Emilie Cheung, MD & Michael Cusick, M.D., FAAOS

Paper 30 *Acute vs. Delayed Radial Head Arthroplasty for the Treatment of Radial Head Fractures: Equivalent Solutions for a Difficult Problem*

Daniel C. Austin, MD, Micah J. Nieboer, Thomas H. Rogers III, Jonathan D. Barlow, Christopher L. Camp, Shawn W. O'Driscoll, Mark E. Morrey

Paper 31 *Failed Radial Head Replacement: Is Revision to Another Radial Head Implant the Answer?*

Thomas Rogers, MD, Ryan Conyer, MD, Daniel Austin, MD, Jorge Rojas Lievano, MD, Jonathan Barlow, MD, Shawn O'Driscoll, MD PhD

Paper 32 *Establishing a Safe Zone for Anterior Capsular Repair Associated with Terrible Triad Injuries*

Christopher Klifto, MD, Lauren M. Shapiro, Eliana B. Saltzman, Robert French, Mark Gage, Oke A Anakwenze, Tyler Pidgeon, Marc J. Richard, David S Ruch, Daniel Hess

Paper 33 *Biomechanical Comparison of Elbow Stability Constructs*

Luke Austin, MD, James F. Stenson, Jeffery C. Lynch, Quincy T. Cheesman, Dennis DeBernardis, Amir Kachooei, Michael Rivlin

Paper 34 *Prosthetic Resurfacing of Engaging Posterior Capitellar Defects in Recurrent Posterolateral Rotatory Instability of the Elbow*

Shawn W. O'Driscoll, MD, Dani Rotman, MD, Jorge Rojas Lievano, MD

Paper 35 *Arthroscopic Debridement of Osteochondritis Dissecans Lesions Of The Capitellum: Satisfactory Results For Most Patients At Long-Term Follow-Up*

Daniel Austin, MD, Bryant M. Song, Thomas H. Rogers III, Jonathan D. Barlow, Christopher L. Camp, Joaquin Sanchez-Sotelo, James S. Fitzsimmons, Shawn W. O'Driscoll

8:30 a.m. – 9:15 a.m.: **SYPMPOSIUM #3 --** Elbow Arthroplasty and Fractures: What Would the Master Do?

Case Presenter: Mark E. Morrey, MD & Christopher R. Chuinard, MD, MPH
Expert Panel: Emilie V. Cheung, MD, Bernard F. Morrey, MD, Shawn W. O'Driscoll, PhD, MD, Dean G. Sotereanos, MD, Scott P. Steinmann, MD

9:15 a.m. – 10:15 a.m.: **PAPER SESSION #6 --** Rotator Cuff
Moderators: Stephen F. Brockmeier, MD & Caroline M. Chebli, MD

Paper 36 *A Multicenter Randomized Controlled Trial Comparing Single-row with Double-row Fixation in Arthroscopic Cuff Repair: Long Term Follow-Up*

Peter B. MacDonald, MD, FRCSC, Ang Li, JW Pollock, Tinghua Zhang, Katie Mcilquham, Sheila McRae, Peter Lapner

Paper 37 *Obesity and Sex Influence Fatty Infiltration of the Rotator Cuff: The ROW and MOON Cohorts*

Nitin Jain, MD, MSPH, Ayush Giri, PhD, Thomas H. Freeman, MD, Peter Kim, John E. Kuhn, MD, Michael Khazzam, MD, Laurence D. Higgins, MD, Keith Baumgarten, MD, Julie Bishop, MD, Robert H. Brophy,MD, James L. Carey, MD, MPH, Warren R. Dunn, MD, MPH, Brian G. Holloway, MD, Grant L. Jones, MD, C. Benjamin Ma, MD, Robert G. Marx, MD, MS, Eric C. McCarty, MD, Sourav K. Poddar, MD, Matthew V. Smith, MD, Edwin E. Spencer, MD,, Armando F. Vidal, MD, Brian R. Wolf, MD, MS, Rick W. Wright, MD, Elizabeth Matzkin, MD

Paper 38 *Preoperative Rotator Cuff Tendon Integrity, Tear Size, and Muscle Atrophy and Fatty Infiltration are Associated with Structural Outcomes of Arthroscopic Revision Rotator Cuff Repair*

Jae Chul Yoo, MD, Su Cheol Kim, Jong Hoon Park, Hashem Burkary

Paper 39 *Long Term Outcomes (15+ years) of Arthroscopic Rotator Cuff Repair*

Lawrence V. Gulotta, MD, Allen D. Nicholson, MD, Jennifer A. Estrada, MS, Joshua I. Mathew, BS, Anthony Finocchiaro, BS, Sridhar Pinnamaneni, MD, Laurence Okeke, BA, David M. Dines, MD, Joshua S. Dines, MD, Samuel A. Taylor, MD, Russell F. Warren, MD, Frank A. Cordasco, MD, MScordascof@hss.eduScott A. Rodeo, Lawrence V. Gulotta

Paper 40 *Clinical Outcomes of Rotator Cuff Repairs in Patients with Concomitant Glenohumeral Osteoarthritis*

Albert Lin, MD, Rajiv P. Reddy, David A. Solomon, Jonathan D. Hughes,

Paper 41 *Effects of Murine Subacromial Bursa-Derived Cells on Strength of Rotator Cuff Repair in a Mouse Model of Supraspinatus Detachment and Repair*
Augustus Mazzocca, MD, Amir Lebaschi, Danielle E. Kriscenski, Lisa M. Tamburini, Mary Beth McCarthy, Elifho Obopilwe, Colin L. Uyeki, Make P. Cote, Scott A. Rodeo, Sangamesh G. Kumbar, Augustus D. Mazzocca

Paper 42 *Outcome of Scope Assisted Lower Trapezius Transfer to Salvage Failed Superior Capsular Reconstruction*

Bassem T. Elhassan, MD, Khang Dang, JP Warner

Kinematic Effects of Fascia Lata Allograft Superior Capsule Reconstruction

Paper 43 **Thay Q. Lee, PhD,** Nickolas Fretes, MD, James E. Tibone, MD, Michelle H. McGarry, MS, Gregory J. Adamson, MD, Thay Q Lee, PhD,

10:15 a.m. – 10:30 a.m.: **BREAK**

10:30 a.m. – 11:15 a.m.: **CANDIDATE/NEW MEMBER SESSION**

Hosts: Joseph A. Abboud, MD & Eric T. Ricchetti, MD

Presenters: Emilie V. Cheung, MD, Kevin K. Kruse II, MD, Jonathan C. Levy, MD, William J. Mallon, MD, Ronald A. Navarro, MD,

11:15 a.m. – 11:45 a.m.: **THE MORREY AWARD & MORREY LECTURE –** Bernard F. Morrey, MD

11:50 a.m. – 12:50 p.m.: **INDUSTRY LUNCH WORKSHOPS**

12:50 p.m. – 1:45 p.m.: **ERNEST AMORY CODMAN LECTURE AND PANEL DISCUSSION: Early Innovation and Adoption of Reverse Shoulder Arthroplasty: Triumphs and Defeats – How This Changed the World of Shoulder Surgery** – Luc Favard, MD
Panelists: Mark Frankle, MD, Luc Favard, MD, Ian Bayley, FRCS, Emilio Calvo, MD, PhD, MBA, Mark Falworth, FRCS, Frank Gohlke, MD

1:45 p.m. – 2:30 p.m.: **ICL SECTION #2**

Radial Head Fractures: Debatable Topics	David C. Ring, MD, PhD
Tips and Tricks to Help You During Revision Shoulder Arthroplasty	John W. Sperling, MD, MBA
Instability with Bone Loss: A Case-Based Approach to Avoid Complications	Kevin D. Plancher, MD, MPH

2:30 p.m. – 2:45 p.m. **BREAK**

2:45 p.m. – 3:15 p.m.: **PRESIDENTIAL ADDRESS AND GAVEL PASSING**

3:30 p.m. – 5:00 p.m.: **WINE, CHEESE AND POSTERS (Exhibit Hall Happy Hour)**

3:30 p.m. – 5:30 p.m.: **NEER CIRCLE MEETING PART TWO –** Clinical Question
(Neer Circle Members & Invited Guests Only)

6:00 p.m. **MEMBER RECEPTION AND DINNER**

Friday, December 17th, 2021

6:30 a.m. **EXHIBIT HALL OPEN, BREAKFAST, SCIENTIFIC POSTER SESSIONS**

7:00 a.m. – 8:00 a.m.: **ICL SECTION #3:**

Stem Cells to Stemless: How Should I Treat the Young Patient with Shoulder Arthritis?	John W. Sperling, MD, MBA
My Reverse Dislocated Again! What Did I Do Wrong and What Should I Do Now?	H. Mike Kim, MD

Proximal Humerus Fractures: Tips and Tricks on Fracture Fixation, Arthroplasty, and Management of Fracture Sequalae — Jennifer Tangtiphaiboontana, MD

8:00 a.m. – 9:00 a.m.: **PAPER SESSION #7 –** Soft Tissue Elbow and Practice Building
Moderator: Charles M. Jobin, MD & Kevin K. Kruse II, MD

Paper 44 *Rate Recovery of Elbow Motion After Arthroscopic Contracture Release Rehabilitated with Continuous Passive Motion*

Jorge Rojas Lievano, MD, Dani Rotman, Jae-Man Kwak, Jennifer Tangtiphaiboontana, Shawn O'Driscoll

Paper 45 *Revision Ulnar Collateral Ligament Reconstruction in Major League Baseball Pitchers: Effects of Fastball Velocity and Usage*

Michael Freehill, MD, Christopher LaPrade, Mark E. Cinque, MD, Deepak V. Chona, MD, Geoffrey D. Abrams, MD, Seth L. Sherman, MD, Marc R. Safran, MD, Michael T. Freehill, MD

Paper 46 *The Role of the Lateral Collateral Ligament-capsule Complex (LCL-cc) of the Elbow Under Varus Stress*

Shawn O'Driscoll, MD, Jae-man Kwak, MD, Dani Rotman, MD, Jorge Rojas Lievano, MD, Mingqiang Xue, MD, James S. Fitzsimmons, BSc, Shawn W. O'Driscoll, PhD, MD

Paper 47 *Mid-term Outcomes and Survivorship of Arthroscopic Elbow Debridement: A Comparison of Post-Traumatic Versus Primary Degenerative Osteoarthritis*

Dennis DeBernardis, MD, Luke S. Austin, Adam J. Santoro, Nicholas J. Minissale, Jacob Kirsch, Quincy Cheesman, Luke Austin

Paper 48 *Appropriate Patient Selection for Outpatient Shoulder Arthroplasty: A Risk Prediction Tool*

Chris Klifto, MD, Daniel E Goltz, MD, MBA, Robert A Burnett, MD, Jay M Levin, MD, MBA, John R Wickman, MD, MBA

Paper 49 *Local Infiltration Analgesia Versus Interscalene Block for Postoperative Pain Management Following Total Shoulder Arthroplasty: A Randomized Clinical Trial*

H. Mike Kim, MD, Michael Ewing, Sally Heil, Matthew Smith

Paper 50 *In Depth Assessment of Candidacy for Outpatient Shoulder Arthroplasty Performed at an Ambulatory Surgery Center*

Tyler Brolin, MD, Anthony J. Marois, Caleb A. Jones, Thomas W. Throckmorton, David L. Bernholt, Frederick M. Azar

Paper 51 *Ambulatory Shoulder Arthroplasty Provides a Mild Reduction in Overall Cost Compared to Inpatient Shoulder Arthroplasty*

Surena Namdari, MD**, Kevin J. Cronin MD**, Mark D. Lazarus MD,

9:00 a.m. – 10:00 a.m.: **PAPER SESSION #8 –** Biologics
Moderator: Luke S. Austin, MD & Frank A. Cordasco, MD, MS

Paper 52 *Finite Element Analysis of Glenoid Bone Loss and Baseplate Fixation In Reverse Total Shoulder Arthroplasty*

Richard Friedman, MD, Shuchun Sun, Josef K. Eichinger, Hai Yao

Paper 53 *The Influence of Computed Tomography-Based Preoperative Planning on Clinical Outcomes after Anatomic Total Shoulder Arthroplasty: A Matched Cohort Analysis*

Brian Werner, MD, Evan Lederman, Reuben Gobezie, Patrick J Denard

Paper 54 *Open Subpectoral Biceps Tenodesis Versus Arthroscopic Repair for SLAP Tears in Patients under 30*

Laith Jazrawi, MD, Eoghan T. Hurley, Nathan Lorentz, Christopher A. Colasanti, Kirk A. Campbell, Michael Alaia, Eric J. Strauss, Bogdan A. Matache

Paper 55 *Complications After Acute Operative Treatment of Acromioclavicular Joint Injuries*

Surena Namdari, MD, MSc, Stephen Gates MD, Adam Santoro DO, Christopher Hadley BS, Andrew Corr BS, Kira Smith BS, Gerald R Williams, MD

Paper 56 *Antibiotic Prophylaxis with Cefazolin is Associated with Lower Shoulder Periprosthetic Joint Infection Rates than Non-Cefazolin Alternatives*

Joaquin Sanchez-Sotelo, MD, PhD, Erick M. Marigi, Douglas W. Bartels, Joo Hee Yoon, John W. Sperling

Paper 57 *Patient-Reported Outcomes after Sternoclavicular Joint Reconstruction: A Report of 27 Patients with Minimum 2-Year Follow-Up*

Jeremy Somerson, MD, Kate M. Parker, Aaron J. Bois, Winston J. Warme

10:00 a.m. –10:15 a.m.: **BREAK**

10:15 a.m. – 11:00 a.m.: **SYMPOSIUM #4 --** Rotator Cuff -- What's Hot and What's Not

Case Presenters: Anand M. Murthi, MD & Randall J. Otto, MD
Expert Panel: Jay D. Keener, MD, John E. Kuhn, MD, MS, William N. Levine, MD, Xavier A. Duralde, MD

11:00 a.m. – 11:15 a.m.: **CONCLUSION OF LAST YEARS NEER CIRCLE PAPER**

11:15 a.m. –11:30 p.m.: **INTERNATIONAL LECTURE –** Dr. Emilio Calvo

11:30 p.m. – 11:45 p.m.: **ASESF PRESENTATION –** Dr. Anthony Miniaci, MD, FRCSC

11:45 p.m. – 12:00 p.m.: **ASES AWARDS PRESENTATION**

12:00 p.m. – 1:00 p.m.: **ALL SHOW LUNCHEON**

1:00 p.m. – 2:15 p.m.: **PAPER SESSION #9 --** Reverse TSA
Moderators: Surena Namdari, MD, MSc. & Matthew J. Teusink, MD

Paper 58 *Comparison of Reverse and Anatomic Total Shoulder Arthroplasty in Patients with an Intact Rotator Cuff and No Previous Surgery*

Richard Friedman, MD, Bradley Schoch, Josef K. Eichinger, Garrett B Neel, Marissa Boettcher, Pierre Flurin, Thomas Wright, Joseph Zuckerman, Chris Roche

Paper 59 *Outcomes of Non-Operative Management of Acromial Stress Fractures after Reverse Shoulder Arthroplasty*

Surena Namdari, MD, MSc, Michael J Gutman, BA, Christopher D Joyce, MD, David E Baruch, BA, Yael M Horvath, MD, Benjamin Zmistowski, MD, Joseph A Abboud, MD, Gerald R Williams Jr, MD

Paper 60 *Are Routine Intra-operative Cultures Necessary During Revision Shoulder Arthroplasty?*

Alexander W. Aleem, MD, Justin Rabinowitz, MD, Vincent Ngyuen, BS, Benjamin Zmistowski, MD

Paper 61 *The Modified Reverse Shoulder Arthroplasty (mRSA) Angle: The Effect of Both Glenoid Fossa Size and Implant Size on the Relevant Inclination of the Glenoid*

Michael H. Amini, MD, William K. Roache, Midhat Patel, Paulo Castaneda, Clayton Hui

Paper 62 *The Effect of Patient Posture on Theoretical Range of Motion and Ideal Implant Configuration in Reverse Total Shoulder Arthroplasty*

Paul Siegert, MD, Philipp Moroder, Manuel Urvoy, Patric Raiss, Jean-David Werthel, Doruk Akguen, Jean Chaoui, Paul Siegert

Paper 63 *Radiographic and Outcomes Report of Non-operatively Treated Acromial Stress Fractures Following Reverse Shoulder Arthroplasty with Midterm Follow-up*

Jonathan C. Levy, MD, Gagan Grewal, **Andrew Boltuch,** Teja Polisetty

Paper 64 *Superior Outcomes Associated with Reverse Shoulder Arthroplasty for Glenohumeral Osteoarthritis Compared to Rotator Cuff Tear Arthropathy*

Jacob Kirsch, M**D,** Andrew Jawa, Sundeep Saini, Robert Pettit, Richard N. Puzzitiello, Paul-Anthony Hart, Sarav S. Shah, Jacob M. Kirsch

Paper 65 *Predictors of Poor and Excellent Outcomes after Reverse Total Shoulder Arthroplasty*

Andrew Jawa, MD, Julianne M. Forlizzi, Richard N. Puzzitiello, Paul-Anthony Hart, Ryan W. Churchill, Jacob M. Kirsch

Paper 66 *The Clinical and Radiographic Impact of Increasing Medialization of the Bone-Prosthesis Interface in Primary Reverse Total Shoulder Arthroplasty at Short-Term Follow-Up*

Jorge Rias, MD, Edward G. McFarland, Prashant Meshram, Uma Srikumaran, Stephen Weber, Edward McFarland

2:15 p.m. – 3:00 p.m.: **SYMPOSIUM #5 –** RSA Cases: Shock the Masters

Case Presenters: Eric Ricchetti, MD and Surena Namdari MD, MSc

Expert Panel: Mark Frankle, MD, David M. Dines, MD, Joseph P. Iannotti, MD, PhD, Joaquin Sanchez-Sotelo, MD, Gregory P. Nicholson, MD, Mark Falworth, FRCS, Frank Gohlke, MD

3:00 p.m.: **ANNUAL MEETING ADJOURNS**