

2020

JANUARY 16-18

CLIFF LODGE
SNOWBIRD, UTAH

ADVANCED SHOULDER ARTHROPLASTY MEETING

ASAP

ELEVATING ARTHROPLASTY

Workshops, Guest Lectures, Panel Discussions,
Re-Live Surgeries, CME Credit

Only 40 minutes from SLC Airport

CO-DIRECTORS

George Athwal, MD
Jay Keener, MD
Robert Tashjian, MD

SCIENTIFIC COMMITTEE

William Levine, MD
Jonathan Levy, MD
Howard Routman, DO
Joaquin Sanchez-Sotelo, MD, PhD

FACULTY

Joseph Abboud, MD
Jens Agneskirchner, MD
April Armstrong, MD
Pascal Boileau, MD
Buz Burkhead, MD
Peter Chalmers, MD
Chris Chuinard, MD
Philippe Collin, MD
Ruth Delaney, MD
Bassem Elhassan, MD

Kenneth Faber, MD
Mark Frankle, MD
Lawrence Gulotta, MD
Ashish Gupta, MD
Alexandre Lädermann, MD
Laurent Lafosse, MD
William Levine, MD
Jonathan Levy, MD
Anand Murthi, MD
Gregory Nicholson, MD
Reza Omid, MD

Brad Parsons, MD
Howard Routman, DO
Matthew Saltzman, MD
Joaquin Sanchez-Sotelo, MD
Buddy Savoie, MD
Ludwig Seebauer, MD
John Sperling, MD
Philippe Valenti, MD
Gilles Walch, MD
Jon "JP" Warner, MD



Welcome,

The Advanced Shoulder ArthroPlasty (ASAP) Meeting warmly welcomes all participants to the second ASAP Meeting in beautiful Snowbird, Utah!

Our goal and mission is to be the ultimate international shoulder arthroplasty course educating surgeons on all aspects of shoulder arthroplasty from simple to complex. We are emphasizing practicality - surgeons learning not only the theory of shoulder arthroplasty but actual surgical techniques and practical treatment algorithms through video instruction, re-live surgery, workshops, case presentations and faculty discussions. We will present cutting-edge information while still keeping the focus on helping to solve practical clinical problems for the shoulder arthroplasty surgeon over 3-days of world-class education.

We would like to thank all attendees for your interest and support of this outstanding meeting. We appreciate your feedback on the course. We have used comments from our initial meeting to improve the quality of the content of the current meeting and look forward to your comments and suggestions to assist with planning our next meeting. We are confident you will find the ASAP Meeting a worthwhile learning experience that will enhance your practice and patient care. We encourage you to take advantage of the many amenities that Snowbird has to offer. Please let us know if we may be of assistance.

Sincerely,

Course Chairmen

George S. Athwal, MD
gsathwal@hotmail.com

Jay Keener, MD
keenerj@wustl.edu

Robert Z. Tashjian, MD
robert.tashjian@hsc.utah.edu



Jointly Sponsored By

The University of Utah Department of Orthopaedics and Advanced Shoulder ArthroPlasty Seminars

www.asapmeeting.org

ASAP SCIENTIFIC COMMITTEE



William N. Levine, MD
New York, NY



Jonathan C. Levy, MD
Ft. Lauderdale, FL



Howard D. Routman
DO, FAOAO
Palm Beach, FL



Joaquin Sanchez-Sotelo
MD, PhD
Rochester, MN

ASAP FACULTY



Joseph Abboud, MD
Philadelphia, PA



Pascal Boileau, MD
Nice, France



Philippe Collin, MD
Rennes, France



Mark A. Frankle, MD
Temple Terrace, FL



Jens Agneskirchner, MD
Hannover, Germany



Buz Burkhead, MD
Dallas, TX



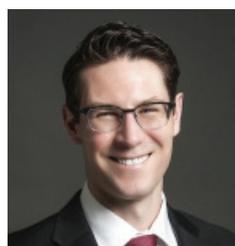
Ruth Delaney, MD
Dublin, Ireland



Lawrence Gulotta, MD
New York, NY



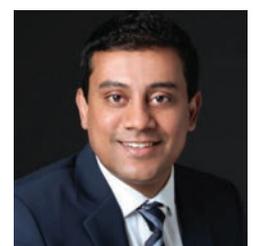
April D. Armstrong, MD
Hershey, PA



Peter Chalmers, MD
Salt Lake City, UT



Bassem T. Elhassan, MD
Rochester, MN



Ashish Gupta, MD
Queensland, Australia



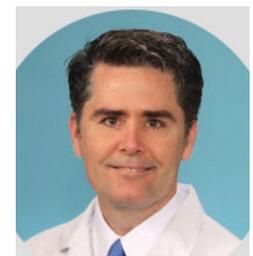
George S. Athwal, MD, FRCSC
London, ON



Chris Chuinard, MD
Traverse City, MI



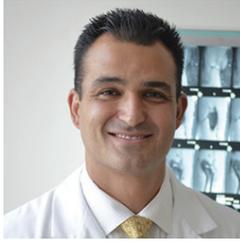
Kenneth J. Faber, MD
London, ON



Jay Keener
St. Louis, MO



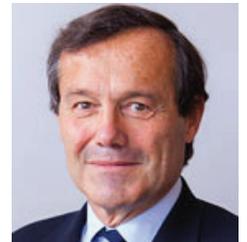
Alexandre Lädermann, MD
Meyrin, Switzerland



Reza Omid, MD
Los Angeles, CA



Ludwig Seebauer, MD
Munich, Bavaria, Germany



Gilles Walch, MD
Lyon, France



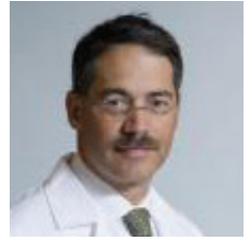
Laurent Lafosse, MD
Annecy, France



Brad Parsons, MD
New York, NY



John W. Sperling, MD
Rochester, MN



Jon "JP" Warner, MD
Boston, MA



Anand Murthi, MD
Baltimore, MD



Matthew Saltzman, MD
Chicago, IL



Robert Tashjian, MD
Salt Lake City, UT



Gregory P. Nicholson, MD
Chicago, IL



Buddy Savoie, MD
New Orleans, LA



Philippe Valenti, MD
Paris France



TARGET AUDIENCE

Orthopaedic surgeons, residents, fellows, surgical assistants and other healthcare professionals whose scope of practice includes arthroplasty of the shoulder.

STATEMENT OF NEED

Demand for shoulder arthroplasty is increasing. This demand has direct implications on the necessity for qualified surgeons to meet the needs of our populations. With increasing rates of primary surgeries and therefore revisions, the need for advanced training in complex shoulder arthroplasty is required to optimize patient outcomes and minimize complications. Overall, better shoulder arthroplasty education is needed to meet the needs of patients and surgeons alike.

Currently, the resources for shoulder arthroplasty education are limited. Training courses exist although most of these courses are devoted to all aspects of shoulder surgery with limited focus on arthroplasty and revision. Consequently, a gap in education exists – specifically advanced training in shoulder arthroplasty.

ACCREDITATION

The University of Utah School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

AMA CREDIT

The University of Utah School of Medicine designates this live activity for a maximum of 21 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

NONDISCRIMINATION AND DISABILITY ACCOMMODATION STATEMENT:

The University of Utah does not exclude, deny benefits to or otherwise discriminate against any person on the basis of race, color, national origin, ethnicity, sex, disability, age, veteran's status, religion, gender identity, gender expression, genetic information, or sexual orientation in admission to or participation in its programs and activities. Reasonable accommodations will be provided to qualified individuals with disabilities upon request, with reasonable notice. Requests for accommodations or inquiries or complaints about University nondiscrimination and disability/access policies may be directed to the Director, OEO/AA, Title IX/Section 504/ADA Coordinator, 201 S President's Circle, RM 135, Salt Lake City, UT 84112, 801-581-8365 (Voice/TTY), 801-585-5746 (Fax).

DISCLAIMER FOR ALL PROGRAMS

The methods, techniques and procedures demonstrated and the views and opinions expressed by the speakers, presenters and faculty are their own, and do not necessarily represent those of ASAP, nor does presentation on the program represent or constitute endorsement of promotion by ASAP. The information provided in this CME activity is for continuing medical education purposes only and is not meant to substitute for the independent medical judgment of a health care provider relative to the diagnostic, management, and treatment options of a specific patient's medical condition.

SPEAKER AND PLANNING COMMITTEE DISCLOSURE SUMMARY:

The University Of Utah School Of Medicine Continuing Medical Education Office meets the ACCME expectations regarding the identification and resolution of conflicts of interest that arise from financial relationships with commercial interests.

Financial relationships are those relationships in which the individual benefits by receiving a salary, royalty, intellectual property rights, consulting fee, honoraria, ownership interest (e.g., stocks, stock options or other ownership interest, excluding diversified mutual funds), or other financial benefit. Financial benefits are usually associated with roles such as employment, management position, independent contractor (including contracted research), consulting, speaking and teaching, membership or advisory committees or review panels, board membership, and other activities from which remuneration is received, or expected. We consider relationships of the person involved in the CME activity to include financial relationships of a spouse or partner.

Everyone in control of content, including all speakers and planners are expected to disclose any relevant financial relationships in any amount within the past 12 months. Speakers are also expected to openly disclose intent to discuss any off-label, experimental, or investigational use of drugs, devices, or equipment in their presentations.

No one in The University of Utah Continuing Medical Education Office in control of content for the course has any relevant financial relationship with commercial products or services discussed during this conference.

THURSDAY - TOTAL SHOULDER ARTHROPLASTY

January 16, 2020 | Ballroom Lower Level (L1)

- 6:15 - 6:45a** Breakfast - *In Exhibit Areas*
- 6:45 - 7:00a** Welcome and Introduction of Faculty *Athwal, Keener, Tashjian*
- 7:00 - 7:05a** What's New with the Walch Classification: B, C's and D's *Sanchez-Sotelo*
- 7:05 - 7:10a** Video Presentation: Physical Examination of the Osteoarthritic Patient *Savoie*
- 7:10 - 7:20a** What I Look for on X-rays and CT & When Do I Get an MRI/Ultrasound *Levine*
- 7:20 - 7:27a** The Evidence Based Limitations of Glenoid Implantation: The Golden Rules *Walch*
- 7:27 - 7:34a** I Preoperative Plan all Cases: So Should You *Tashjian*
- 7:34 - 7:41a** I Use PSI for All My Cases: So Should You *Warner*
- 7:41 - 7:48a** I Navigate: So Should You *Faber*
- 7:48 - 8:08a** **PANEL DISCUSSION** - Preoperative Planning - A 55-year-old Active Male with a B2 Deformity
Moderator: *Nicholson*
Panel: *Keener, Routman, Levy, Chalmers*
3-Min Video: I Plan with Blueprint *Keener*
3-Min Video: I Plan with GPS *Routman*
3-Min Video: I Plan with Match Point *Levy*
3-Min Video: I Plan with TruMatch *Chalmers*
- 8:08 - 8:15a** Video Presentation: Patient Preparation, Positioning and Getting Started *Murthi*
- 8:15 - 8:22a** Subscapularis Management: What the Literature Says *Levine*
- 8:22 - 8:32a** **AUDIENCE DISCUSSION** *Athwal*
- 8:32 - 8:52a** **BREAK** - *In Exhibit Areas*
- 8:52 - 8:57a** Video Presentation: How I do the Deltopectoral Approach and Guide-Assisted Humeral Head Cut *Tashjian*
- 8:57 - 9:02a** Video Presentation: How I do the Deltopectoral Approach and Free-Hand Humeral Cut *Parsons*
- 9:02 - 9:07a** Video Presentation: How I Identify the Axillary Nerve and Radial Nerve During Surgery *Collin*
- 9:07 - 9:14a** How do I Size my Humeral Head: Say Goodbye to Overstuffing *Keener*
- 9:14 - 9:21a** Hemiarthroplasty: I'm Not Dead Yet! *Boileau*
- 9:21 - 9:28a** Is There Still a Role for Hemi & Biologic Glenoid Resurfacing? *Savoie*
- 9:28 - 9:33a** Video Presentation: Stemless TSA with Humeral Bone Grafting *Athwal*
- 9:33 - 9:43a** **AUDIENCE DISCUSSION** Moderator: *Parsons*
- 9:43 - 10:03a** **CASE PRESENTATION**
Moderator: *Burkhead*
Faculty: *Lafosse-Stemless, Sperling-Short, Murthi-Traditional*
- Why I Prefer Stemless
- Why I Prefer a Short Stem
- Why I Prefer a Traditional Length Stem
- 10:03 - 10:23a RE-LIVE SURGERY: Stemless Anatomic TSA**
Moderator: *Sanchez-Sotelo*
Surgeon: *Seebauer*

THURSDAY - TOTAL SHOULDER ARTHROPLASTY

January 16, 2020 | Ballroom Lower Level (L1)

- 10:23 - 10:43a** **RE-LIVE SURGERY: Short Stem Anatomic TSA**
Moderator: **Burkhead**
Surgeon: **Frankle**
- 10:43 - 11:08a** **TSA CASES:** Green to Double-Black Diamond
Moderator: **Levy**
Panel: **Athwal, Frankle, Saltzman, Seebauer, Valenti, Walch**
- 2:45 - 3:30p** **LUNCH - In Exhibit Areas**
- 3:30 - 3:35p** **Video** Presentation: How I Expose the Glenoid **Athwal**
- 3:35 - 3:40p** **Video** Presentation: How I Expose the Glenoid **Lafosse**
- 3:40 - 3:47p** My Tips and Tricks for getting the Guide-Pin perfect without PSI **Nicholson**
- 3:47 - 3:57p** The Glenoid: Poly, Metal Backed, Keels or Pegs: A Final Answer Please! **Delaney**
- 3:57 - 4:04p** The Australian Joint Registry: The Birdies, the Pars, and the Bogeys **Gupta**
- 4:04 - 4:24p** **RE-LIVE SURGERY: Stemless Anatomic TSA with Augmented Glenoid**
Moderator: **Keener**
Surgeon: **Athwal**
- 4:24 - 4:44p** **RE-LIVE SURGERY: Stemmed Anatomic TSA**
Moderator: **Läderrmann**
Surgeon: **Sperling**
- 4:44 - 5:00p** **AUDIENCE DISCUSSION**
Moderator: **Tashjian**
Panel: **Athwal, Delaney, Gupta, Keener, Nicholson**
- 5:00 - 5:20p** **BREAK - In Exhibit Areas**
- 5:20 - 5:25p** Catastrophic Intra-Operative Complications: How to Identify and Manage Them
- Axillary Artery Injury **Faber**
- 5:25 - 5:30p** - Intra-Operative Fracture of the Greater Tuberosity **Keener**
- 5:30 - 5:35p** - Intra-Operative Fracture of the Humeral Shaft **Sperling**
- 5:35 - 5:40p** - Periprosthetic Fracture of the Glenoid **Routman**
- 5:40 - 5:47p** What Does the Future Hold for Anatomic TSA **Walch**
- 5:47 - 5:54p** Glenohumeral Osteoarthritis: When I Pull the Trigger to Reverse **Läderrmann**
- 5:54 - 6:15p** **PANEL DISCUSSION** - Complex Case: The Type C Glenoid
Moderator: **Levine**
Panel: **Boileau, Chuinard, Collin, Frankle, Gupta, Seebauer, Valenti**
- 6:15 - 6:35p** **PANEL DISCUSSION** - How I Approach the Painful Aseptic TSA
Moderator: **Sperling**
Panel: **Burkhead, Läderrmann, Omid, Seebauer, Valenti, Walch**
- 6:35 - 6:42p** How to Increase Patient Satisfaction Post TSA: Education, Pain Control and Others... **Omid**
- 6:42 - 7:00p** **AUDIENCE DISCUSSION** and Daily Wrap-UP **Athwal**

FRIDAY - REVERSE SHOULDER ARTHROPLASTY

January 17, 2020 | Ballroom Lower Level (L1)

- 6:15 - 6:45a** Breakfast - *In Exhibit Areas*
- 6:45 - 6:50a** Announcements
- 6:50 - 6:57a** Reverse Arthroplasty - Expanding Indications - The Good, the Average and the Ugly *Burkhead*
- 6:57 - 6:59a** Reverse Shoulder Arthroplasty - 65 y/o with Irreparable Tear - No Glenoid Erosion *Keener*
- 6:59 - 7:04a** - Why I Prefer a Traditional Grammont Design *Levine*
- 7:04 - 7:09a** - Why I Prefer Glenoid Lateralization *Frankle*
- 7:09 - 7:14a** - Why I Prefer Humeral Lateralization *Routman*
- 7:14 - 7:24a** Understanding the Mystery of the Humerus - Definitions *Chalmers*
- 7:24 - 7:31a** Humeral Fixation - We Have Options. Short-Stem, Standard and Stemless...Is This Crazy? *Delaney*
- 7:31 - 7:46a** **PANEL DISCUSSION** - Clinical Application of Glenoid and Humeral Design Considerations
Moderator: *Keener*
Panel: *Faber, Frankle, Lafosse, Seebauer, Walch*
- 7:46 - 7:47a** Introduction: How to Define Glenoid Bone Erosion in CTA *Keener*
- 7:47 - 7:50a** - The Favard Classification *Walch*
- 7:50 - 7:53a** - The Seebauer Classification *Seebauer*
- 7:53 - 7:56a** - The Frankle Classification *Frankle*
- 7:56 - 8:06a** The Eroded Glenoid - Preop Planning, PSI or Navigation *Warner*
- 8:06 - 8:26a** **PANEL DISCUSSION** - Live RSA Planning Session: Favard E2, 3 Planning Software Systems: Wright (Warner), DJO (Levy), Exactech (Savoie) - 5 Min Each
Moderator: *Athwal*
Panel: *Levy, Savoie, Warner*
- 8:26 - 8:31a** Video Presentation: Humeral Exposure/Releases *Agneskirchner*
- 8:31 - 8:36a** Video Presentation: Glenoid Exposure/Releases *Sanchez-Sotelo*
- 8:36 - 8:41a** Video Presentation: Superolateral Approach - Leave the SSC Intact *Lädermann*
- 8:41 - 8:46a** Video Presentation: This is How I Repair the Subscapularis *Athwal*
- 8:46 - 9:06a** **PANEL DISCUSSION** - Surgical Approach Techniques and Subscapularis Management
Moderator: *Abboud*
Panel: *Athwal, Boileau, Lädermann, Levine, Murthi, Sanchez-Sotelo*
- 9:06 - 9:26a** BREAK - *In Exhibit Areas*
- 9:26 - 9:46a** **RE-LIVE SURGERY: Reverse Shoulder Arthroplasty DP Approach**
Moderator: *Lafosse*
Surgeon: *Levy*
- 9:46 - 9:53a** Survivorship of Reverse Arthroplasty - How Will These Implants Fail? (Registry) *Gupta*
- 9:53 - 10:00a** Maximizing Internal Rotation ROM - Voodoo vs Must Do! *Collin*
- 10:00 - 10:07a** Effects of Lateralization and Distalization on Clinical Results *Valenti*
- 10:07 - 10:14a** ROM after RSA - Scapulothoracic vs GH Motion *Lädermann*

FRIDAY - REVERSE SHOULDER ARTHROPLASTY

January 17, 2020 | Ballroom Lower Level (L1)

- 10:14 - 10:21a** Preventing Instability In Primary RSA - Design, Surgical and Patient Related Factors **Armstrong**
- 10:21 - 10:28a** Workup and Treatment of Unstable RSA **Tashjian**
- 10:28 - 10:33a** **Video** Presentation: Glenohumeral Cerclage for Recalcitrant RSA Instability **Tashjian**
- 10:33 - 11:00a** **PANEL DISCUSSION** - Maximizing ROM and Management of Unstable RSA
Moderator: **Parsons**
Panel: **Agneskirchner, Armstrong, Chuinard, Collin, Levine**
- 2:45 - 3:30p** **LUNCH - In Exhibit Areas**
- 3:30 - 3:50p** **CHAIRMEN'S GUEST LECTURE:**
My Evolution with RSA Design, Trials and Tribulations **Frankle**
- 3:50 - 3:57p** BIO-RSA - 5 & 10 Year Outcomes. What I Have Learned **Boileau**
- 3:57 - 4:02p** Augmented Baseplates - Give Me Metal **Nicholson**
- 4:02 - 4:07p** **Video** Presentation: BIO-RSA - Straight and Angled **Boileau**
- 4:07 - 4:12p** **Video** Presentation: Alternate Centerline - When and How? **Levy**
- 4:12 - 4:17p** Alternate Centerline - These are My Outcomes **Frankle**
- 4:17 - 4:37p** **PANEL DISCUSSION** - Managing Glenoid Bone Erosion in Primary RSA
Moderator: **Levy**
Panel: **Boileau, Frankle, Gulotta, Lafosse, Nicholson, Warner**
- 4:37 - 4:57p** **RE-LIVE SURGERY: Reverse Shoulder Arthroplasty with Augmented Glenoid**
Moderator: **Athwal**
Surgeon: **Keener**
- 4:57 - 5:17p** **BREAK - In Exhibit Areas**
- 5:17 - 5:24p** Acromial Stress Fractures - Implant and Patient-Related Risk Factors, Effect on Outcomes **Chuinard**
- 5:24 - 5:31p** **Video** Presentation: Management of Acromial Stress Fractures **Seebauer**
- 5:31 - 5:38p** Nerve Injuries with Reverse Arthroplasty - Risk Factors and Prevention **Valenti**
- 5:38 - 5:43p** Reverse Arthroplasty for Acute Fractures - When is this NOT the Best Choice? **Saltzman**
- 5:43 - 5:48p** **Video** Presentation: RSA for Acute Fracture **Sanchez-Sotelo**
- 5:48 - 5:53p** RSA for Fracture - Cemented vs Uncemented Fixation **Agneskirchner**
- 5:53 - 6:00p** Sequela of Proximal Humerus Fractures - Indications and 5-year Outcomes for RSA **Boileau**
- 6:00 - 6:20p** **RE-LIVE SURGERY: Reverse Shoulder Arthroplasty with Glenoid Bone Grafting**
Moderator: **Faber**
Surgeon: **Sanchez-Sotelo**
- 6:20 - 6:22p** Case Debate: Massive RCT with ER Lag Signs (CLEER) **Keener**
- 6:22 - 6:27p** - Implant Design Choice will Restore ER Motion **Abboud**
- 6:27 - 6:32p** - The Implant will Fail You, Do a Tendon Transfer **Elhassan**
- 6:32 - 6:50p** **PANEL DISCUSSION** - A "Yard Sale" of Cases
Moderator: **Murthi**
Panel: **Abboud, Athwal, Elhassan, Keener, Routman, Tashjian, Walch**

SATURDAY - REVISION SHOULDER ARTHROPLASTY

January 18, 2020 | Ballroom Lower Level (L1)

- 6:15 - 6:45a** Breakfast - *In Exhibit Areas*
- 6:45 - 6:50a** Announcements *Tashjian*
- 6:50 - 6:57a** Why do Arthroplasties Fail? *Gupta*
- 6:57 - 7:04a** Why Revise an Arthroplasty to Anything but a RSA? *Lafosse*
- 7:04 - 7:11a** I Can Still Revise this Failed Arthroplasty to an Anatomic TSA !!! *Savoie*
- 7:11 - 7:21a** Setting Yourself up for Success: Revision Arthroplasty Planning - Equipment, Imaging, Monitoring and More *Abboud*
- 7:21 - 7:26a** Video Presentation: Revision Surgical Exposure *Murthi*
- 7:26 - 7:31a** Video Presentation: Easy Peasy 1 - Simple Removal of Humeral Stem w/o Osteotomy *Athwal*
- 7:31 - 7:36a** Video Presentation: Easy Peasy II - Simple Removal of a Well-Fixed Cemented or Hybrid Metal Glenoid *Lafosse*
- 7:36 - 7:46a** **AUDIENCE DISCUSSION** *Tashjian*
- 7:46 - 7:56a** Glenoid Revision Options for Failed Arthroplasty to RSA - Nothing, Metal or Bone *Warner*
- 7:56 - 8:01a** Video Presentation: Non-Custom Metal Augmented RSA for Failed Arthroplasty *Gulotta*
- 8:01 - 8:06a** Video Presentation: Custom Metal Augmented Baseplate for Failed Arthroplasty *Keener*
- 8:06 - 8:11a** Video Presentation: Revision Metal Back Convertible Anatomic TSA to RSA *Agneskirchner*
- 8:11 - 8:16a** Video Presentation: Alternate Centerline Baseplate RSA Without Bone Graft for Failed Arthroplasty *Frankle*
- 8:16 - 8:21a** Video Presentation: Iliac Crest Augmented RSA for Failed Arthroplasty *Burkhead*
- 8:21 - 8:26a** Video Presentation: BIO-RSA Allograft Reconstruction of Contained Defect for Failed Anatomic TSA *Boileau*
- 8:26 - 8:31a** Video Presentation: Glenoid Allograft Reconstruction RSA after Failed RSA with Glenoid Bone Graft *Lädemann*
- 8:31 - 8:41a** **AUDIENCE DISCUSSION** *Armstrong*
- 8:41 - 9:00a** **BREAK - In Exhibit Areas**
- 9:00 - 9:07a** Subscapularis Failure after Anatomic TSA w/or Without Instability - Pec, Lat or Revise to RSA *Valenti*
- 9:07 - 9:12a** Hemireverse in Revision RSA *Walch*
- 9:12 - 9:17a** Video Presentation: Arthroscopic Glenoid Component Removal *Athwal*
- 9:17 - 9:22a** Video Presentation: Pectoralis Major Transfer after Anatomic TSA for Failed Subscapularis *Armstrong*
- 9:22 - 9:27a** Video Presentation: Lat Dorsi Transfer after Anatomic TSA for Subscapularis Failure *Elhassan*
- 9:27 - 9:32a** Video Presentation: Lower Trap Transfer/Lat-Teres Transfer after RSA for Persistent Loss of ER Postoperative *Sanchez-Sotelo*
- 9:32 - 9:37a** Video Presentation: Longstem Spacer Creation and Placement *Gulotta*
- 9:37 - 9:42a** Video Presentation: Revision Cemented Humeral Stem to Long Stem Managing the Cement and the Restrictor *Levy*
- 9:42 - 9:55a** **AUDIENCE DISCUSSION** *Tashjian*
- 9:55 - 10:15a** **RE-LIVE SURGERY: Reverse Shoulder Arthroplasty with Custom Glenoid Implant**
Moderator: *Seebauer* Surgeon: *Tashjian*

SATURDAY - REVISION SHOULDER ARTHROPLASTY

January 18, 2020 | Ballroom Lower Level (L1)

- 10:15 - 11:00a** **PANEL DISCUSSION** - Failed Glenoid Cases
Moderator: **Faber**
Panel: **Burkhead, Chuinard, Collin, Frankle, Seebauer, Walch**
- 2:45 - 3:30p** **LUNCH** - *In Exhibit Areas*
- 3:30 - 3:50p** **RE-LIVE SURGERY: Reverse Shoulder Arthroplasty with Humeral Replacement Prosthesis**
Moderator: **Warner**
Surgeon: **Faber**
- 3:50 - 4:00p** Revising The Failed Humeral Stem with Sufficient Humeral Bone **Collin**
- 4:00 - 4:05p** **Video** Presentation: Revision TSA to RSA Using Convertible Humeral Stem **Omid**
- 4:05 - 4:10p** **Video** Presentation: Removal of a Well-Fixed Stem - Transitioning from Corticotomy to Window **Nicholson**
- 4:10 - 4:20p** What to do when there is Missing Bone on the Humerus During Revision - Cement, Bone or Metal and Why? **Delaney**
- 4:20 - 4:25p** **Video** Presentation: How I Do a Humeral APC **Gupta**
- 4:25 - 4:30p** **Video** Presentation: Humeral Revision with a Conical Tapered Stem **Sanchez-Sotelo**
- 4:30 - 5:00p** **PANEL DISCUSSION** - Failed Humeral Cases
Moderator: **Routman**
Panel: **Agneskirchner, Armstrong, Burkhead, Delaney**
- 5:00 - 5:15p** **BREAK** - *In Exhibit Areas*
- 5:15 - 5:35p** **RE-LIVE SURGERY: Revision Reverse Shoulder Arthroplasty w/a Grammont Style Implant & Inlay Stem**
Moderator: **Chuinard**
Surgeon: **Seebauer**
- 5:35 - 5:45p** Humeral Periprosthetic Fracture - Non-Op vs Fix vs Revise - Indications and Outcomes **Chalmers**
- 5:45 - 5:50p** **Video** Presentation: Revision Humeral Stem Placement for Periprosthetic Fracture **Tashjian**
- 5:50 - 5:55p** **Video** Presentation: ORIF Humerus for Periprosthetic Fracture **Parsons**
- 5:55 - 6:05p** Hunting for Zebras - Identification and Management of Deltoid and Strap Muscle Pain, Nerve Injury, Metal Allergies **Chuinard**
- 6:05 - 6:10p** **Video** Presentation: Pectoralis Transfer for Deltoid Palsy after RSA **Elhassan**
- 6:10 - 6:15p** **Video** Presentation: Shorthead Biceps and Coracobrachialis Pie Crusting **Chuinard**
- 6:15 - 6:25p** **AUDIENCE DISCUSSION** Herding Zebras **Tashjian**
- 6:25 - 6:32p** Results of 2018 Proceedings of the International Consensus Meeting on Orthopaedic Infections **Abboud**
- 6:32 - 6:42p** How to Make the Diagnosis of Infection - Exam, Labs, Imaging, Aspiration, Biopsy, Intraop...PCR?? **Saltzman**
- 6:42 - 6:52p** Treatment of the Infected Arthroplasty - Debridement/Suppression, 1 vs 2 Stage - Who gets What, Why, How do you do it and How do they do? **Frankle**
- 6:52 - 6:57p** Revision of a Failed RSA to Hemiarthroplasty **Saltzman**
- 6:57 - 7:30p** **PANEL DISCUSSION** - Cases
Moderators: **Athwal, Keener**
Panel: **Boileau, Elhassan, Frankle, Nicholson, Seebauer, Tashjian, Warner**