

2022

JANUARY 20-22

**CLIFF LODGE
SNOWBIRD, UTAH**

**ADVANCED
SHOULDER
ARTHROPLASTY
MEETING**

ASAP

ARTHROPLASTY ELEVATED

**WORKSHOPS, GUEST LECTURES, PANEL DISCUSSIONS,
RE-LIVE SURGERIES, CME CREDIT**

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Philippe Valenti, MD
Jon "JP" Warner, MD
Jae Chul Yoo, MD
Matthias Zumstein, MD

Only 40 minutes from SLC Airport

ASAP

ADVANCED SHOULDER ARTHROPLASTY

Welcome,

The Advanced Shoulder ArthroPlasty (ASAP) Meeting warmly welcomes all participants to the third 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



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Jointly Sponsored By

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

www.asapmeeting.org

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ASAP GENERAL INFORMATION

ACCOMMODATIONS AND HOTEL CHECK-IN

The ASAP meeting will be held at the Cliff Lodge at Snowbird. Please call reservations to book your rooms. 800-453-3000. Let them know you are with the ASAP Meeting.

BREAKFAST/BREAKS/LUNCH

All food and beverages will be served in the Exhibit Areas. Food functions are for course participants only. Only those with Meeting Badges will be allowed in the General Session Ballrooms and the eating areas.

COURSE REGISTRATION – MEZZANINE LOBBY

Registration will begin on Wednesday, January 19th from 4-8:00pm at the Registration Desk in the Mezzanine Lobby.

DRESS

The dress code for this meeting is casual. Please dress comfortably for the meeting.

GROUND TRANSPORTATION

The Snowbird Cliff Lodge is approximately 40 minutes from the Salt Lake City International Airport. Canyon Transportation is the recommended ground transportation service to/from the airport. The ASAP Group will receive a 10% discount. Reservations can be made online or call 801-255-1841. **Group code: ASAP2022.** <https://canyontransport.com/>. You can also make these reservations through Snowbird when you book your room.

VENUE

The course location is at the Snowbird Cliff Lodge, 9320 Cliff Lodge Dr., Snowbird, Utah 84092 – 800-453-3000.

We look forward to seeing you and hope you will find your stay both educational and enjoyable. If you have any questions, please contact Morgan Fridley, at 801/587-5450 or morgan.fridley@hsc.utah.edu.

ASAP WIFI
SSID: ASAP Meeting 2022 Password: ASAP2022

ASAP SCIENTIFIC COMMITTEE



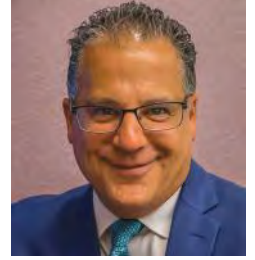
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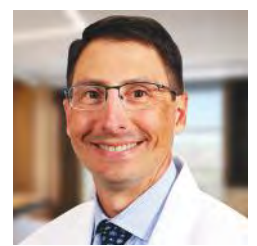
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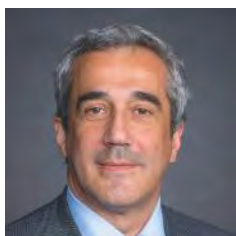
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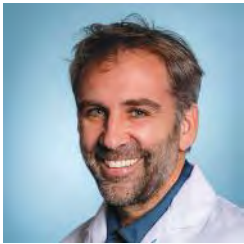
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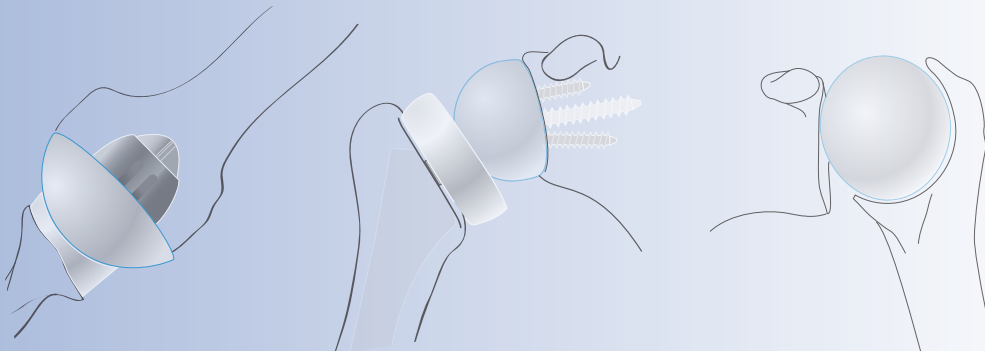
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TARGET AUDIENCE

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 other activity (live and on-demand) for a maximum of 22.75 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.



BeeMed is proud to be the partner for the virtual edition of the Advanced Shoulder ArthroPlasty Meeting (ASAP), one of the leading shoulder arthroplasty events in the industry.

Welcome to the Advanced Shoulder Arthroplasty Meeting 2022, whether you are attending in person or virtually, below you will find important information regarding access to the ASAP virtual platform.

The virtual edition of the congress will be held via BeeMed.com. Here you will be able to watch the live sessions, take part in the live interactivity, engage with participants via the newsfeed and private chat, and have access to the Re-Play after each event day. For on-site participants, you will be able to use the mobile app for a smooth check-in process and interaction with exhibitors.

If you have not already, please follow the steps below:

1. **Create an account on BeeMed:** <https://beemed.com/register>
2. Once you have registered, you should receive an email to **validate your account**.
3. *Check your spam/junk folder in case you haven't received it in your main inbox.*
4. Access the **ASAP 2022 event page:** <https://beemed.com/econgresses/69>
5. Enter your **personal** activation code: _____
6. Click on **"Access the live event"**
7. Click **"Get Started"** and follow the steps to access the virtual platform.

Once you have successfully accessed the virtual platform via the steps above, you will find information on how to download the mobile app on the platform newsfeed.

If you are experiencing any issues please see out help desk located across from the ASAP registration desk.

THURSDAY - ANATOMIC SHOULDER ARTHROPLASTY

January 20, 2022

- 6:15 - 6:45a** BREAKFAST
- 6:45 - 6:55a** Welcome and Introduction of Faculty *Athwal, Keener, Tashjian*
- 7:00 - 7:07a** What's New with Glenohumeral Osteoarthritis? Etiology, Progression & Genetics *Chalmers*
- 7:07 - 7:12a** Video Presentation: Physical Examination of the Osteoarthritic Patient *Namdari*
- 7:13 - 7:18a** CT: The New Gold Standard for Preop Imaging: What about MRI & Ultrasound? *Duquin*
- 7:18 - 7:25a** Regenerative Management: PRP, Stemcells, Cortisone, Viscosupplementation *Saltzman*
- 7:25 - 7:30a** Arthroscopic Management of OA: Fact or Fiction *Duralde*
- 7:30 - 7:37a** Predictors of Good and Bad Outcomes after TSA/RSA: What is Modifiable? *Routman*
- 7:37 - 7:47a** AUDIENCE DISCUSSION *Athwal*
- 7:47 - 7:54a** OutPatient Arthroplasty: What's the data - Is it safe? *Gulotta*
- 7:54 - 8:14a** **PANEL DISCUSSION:** Inpatient versus Outpatient Arthroplasty
Moderator: *Levy*
Panel: *Faber, Duquin, Jawa, Yoo, Franceschi*
- 8:14 - 8:19a** The Golden Rules of Glenoid Implantation: Evidence versus Eminence *Warner*
- 8:19 - 8:24a** I don't need to plan my cases: Don't Start! *Frankle*
- 8:24 - 8:29a** I Preoperative Plan all Cases: You Should Too *Delaney*
- 8:29 - 8:34a** I Use PSI for All My Cases: So Should You *Warner*
- 8:34 - 8:39a** I Navigate: You Should Navigate *Faber*
- 8:39 - 8:44a** I Use Mixed Reality Visualization: So Should You *Collin*
- 8:44 - 8:51a** The Glenoid is Important, But Don't Forget PSI for the Humerus! *Zumstein*
- 8:51 - 8:58a** Subscapularis Management: The Literature and Does Implant Type Matter? *Levine*
- 8:58 - 9:03a** Video Presentation: How I Repair the Peel *Athwal*
- 9:03 - 9:08a** Video Presentation: How I Repair the Tenotomy *Sanchez-Sotelo*
- 9:08 - 9:13a** Video Presentation: How I Repair the LTO *Keener*
- 9:13 - 9:18a** Video Presentation: I don't need to repair the subscapularis! *Lafosse*
- 9:18 - 9:38a** **PANEL DISCUSSION - Preoperative Planning - A 55-year-old Active Male with a Moderate B2**
Moderator: *Abbound*
Panel: *Getz, Tashjian, Nicholson, Sabesan, Jawa*
I would Ream and Run *Getz*
I would High Side Ream and Cemented Poly *Tashjian*
I would Bonegraft and TSA *Nicholson*
I would use an Augmented Poly *Sabesan*
I would Reverse in a heartbeat *Jawa*
- 9:38 - 9:58a** BREAK
- 9:58 - 10:03a** Video Presentation: How "I" do the Deltopectoral Approach with Subscap & Capsule En Masse *Boileau*
- 10:03 - 10:08a** Video Presentation: How "I" do the Deltopectoral Approach with Full Capsular Releases *Cuff*
- 10:08 - 10:13a** Sizing the Humeral Head: Why is it so difficult, and How I simplify it *Parsons*
- 10:13 - 10:18a** Video Presentation: How "I" Expose the Difficult Glenoid *Seebauer*
- 10:18 - 10:23a** Video Presentation: How "I" Expose the Difficult Glenoid *Yoo*
- 10:23 - 10:28a** Hemiarthroplasty: Back in Black! *Boileau*
- 10:28 - 10:33a** Is there still a Role for Hemi & Biologic Glenoid Resurfacing? *O'Brien*

THURSDAY - ANATOMIC SHOULDER ARTHROPLASTY

January 20, 2022

- 10:33 - 10:40a** Stress Shielding and Bony Adaptations with Metal Stems: Speedo versus Boardshorts *Athwal*
- 10:40 - 10:47a** My Approach to the Length Issue with Humeral Stems: Stemless, Short and Standard *Läderrmann*
- 10:47 - 10:57a** **AUDIENCE DISCUSSION** *Tashjian*
- 10:57 - 11:17a** **PANEL DISCUSSION:** Difficult Primary Cases: Knowledge is a Double Edge Sword
Moderator: *Nicholson*
Panel: *Frankle, Abboud, Valenti, Lafosse, Sabesan*
- 11:17 - 11:37a** **RE-LIVE SURGERY: DJO Stemless Anatomic TSA** *Namdari*
- 11:37 - 3:00p** MID DAY BREAK
- 3:00 - 3:45p** LUNCH
- 3:45 - 3:52p** My Tips for getting the Guide-Pin perfect: Planning without PSI, Nav or MR *Valenti*
- 3:52 - 3:59p** Glenoid Poly Designs: Hybrid, All Poly, Keel, Pegged.... Can I do what I want? *Delaney*
- 3:59 - 4:04p** The New Kids on the Block: Inset or Inlay Glenoids *Tashjian*
- 4:04 - 4:09p** Is the Literature on Metal Backed Glenoids any Better in 2022? *Di Giacomo*
- 4:09 - 4:29p** **RE-LIVE SURGERY: Depuy Anatomic TSA with Inhance** *Cuff*
- 4:29 - 4:49p** **RE-LIVE SURGERY: DJO Revision of RSA with baseplate failure to RSA** *Frankle*
- 4:49 - 4:59p** **AUDIENCE DISCUSSION** *Keener*
- 4:59 - 5:10p** **KEYNOTE ADDRESS:** Post-Traumatic Arthritis: TSA versus RSA *Boileau*
- 5:10 - 5:30p** BREAK
- 5:30 - 5:37p** TSA after instability surgery: Bankart, Latarjet, Bristow, Putti-Platt *Franceschi*
- 5:37 - 5:44p** TSA in Patients with Inflammatory Arthritis: Workup, Technical Factors, and Outcomes *Namdari*
- 5:44 - 5:51p** TSA and Tendon Transfers: Before, During & After *Elhassan*
- 5:51 - 5:56p** Virtual Reality: Is it really a game changer in arthroplasty education? *Favorito*
- 5:56 - 6:01p** What are Smart Instruments, and How can they help me? *Routman*
- 6:01 - 6:06p** Mixed Reality: How I use it now and what does the future hold? *Sanchez-Sotelo*
- 6:06 - 6:11p** AI in Shoulder Surgery: When will Skynet become Self-Aware? *Gulotta*
- 6:11 - 6:18p** Glenohumeral Osteoarthritis: What Makes Me Pull the Trigger to Reverse *Keener*
- 6:18 - 6:28p** **CASE PANEL 1a** - 80 Year Old: OA, Stiff, Cuff Intact
Moderator: *Favorito* Panel: *Collin, Levy, Chalmers, Saltzman, Zumstein, Di Giacomo*
- 6:28 - 6:38p** **CASE PANEL 1b** - 55 Year Old: 1cm Supra Tear and OA: TSA vs RSA
Moderator: *Favorito* Panel: *Collin, Levy, Chalmers, Saltzman, Zumstein, Di Giacomo*
- 6:38 - 6:48p** **CASE PANEL 2a** - 60 Year Old: Prior Successful Cuff Repair, Healed with OA
Moderator: *Levine* Panel: *Parsons, Seebauer, Ladermann, Elhassan, Getz, Cuff*
- 6:48 - 6:58p** **CASE PANEL 2b** - 55 Year Old Male Gym Rat with OA: Hemi, Resurfacing, Stemless, TSA, Inset, Inlay
Moderator: *Levine* Panel: *Parsons, Seebauer, Ladermann, Elhassan, Getz, Cuff*
- 6:58 - 7:08p** **DISCUSSION** and Daily Wrap-UP *Athwal*

FRIDAY - REVERSE SHOULDER ARTHROPLASTY

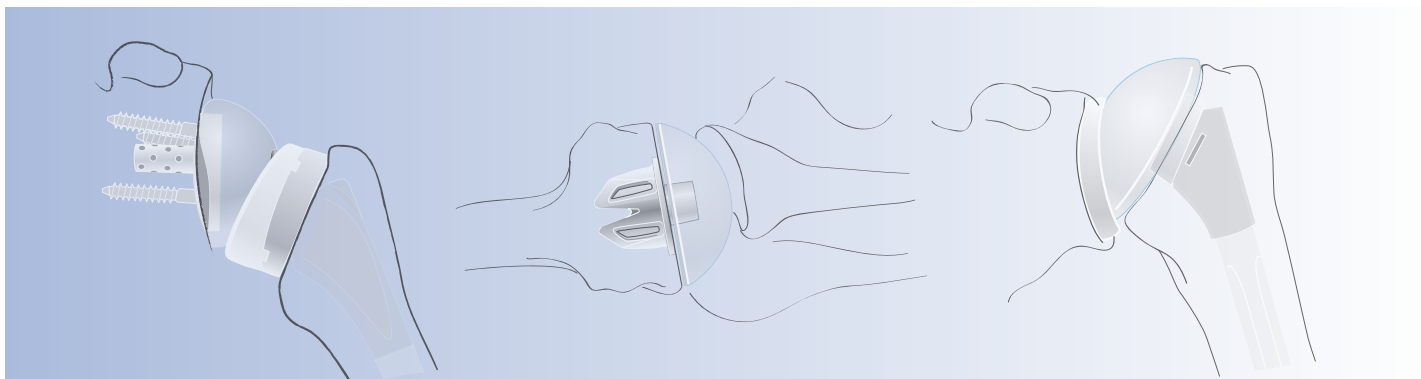
January 21, 2022

- 6:15 - 6:45a BREAKFAST
- 6:45 - 6:50a Announcements *Athwal, Keener, Tashjian*
- 6:50 - 6:57a Defining RSA Implant Anatomy Options *Keener*
- 6:57 - 7:02a Glenoid Golden Rules - Where Should We Land in 2021? *Sanchez-Sotelo*
- 7:02 - 7:09a Humeral Design Features - Biomechanics and Clinical Applications *Faber*
- 7:09 - 7:14a What About Arm Lengthening? - Past, Present and Future? *Ladermann*
- 7:14 - 7:21a Video Presentation: Software Planning - Tweaking to Optimize Motion *Keener*
- 7:21 - 7:41a **PANEL DISCUSSION** - Patient Specific Surgery - Svelte, Obese, Short, Tall, WB shoulder
Moderator: *Sanchez-Sotelo*
Panel: *Abboud, Parsons, Boileau, Levine, Yoo*
- 7:41 - 7:46a Classifying Bone Loss in CTA *Abboud*
- 7:46 - 7:51a Glenoid Inclination - Can We Agree How to Measure and Is It Important? *Tashjian*
- 7:51 - 7:58a Primary GH OA -When Do I Consider RSA? *Routman*
- 7:58 - 8:08a **PANEL SESSION:** Live Planning
CT Software Planning for CTA *Gulotta*
CT Software Planning for GH OA *Chalmers*
- 8:08 - 8:18a **AUDIENCE DISCUSSION** *Athwal, Keener*
- 8:18 - 8:23a Video Presentation: BIORSA (Tornier Stryker) *Athwal*
- 8:23 - 8:28a Outcomes of BIORSA *Collin*
- 8:28 - 8:33a Video Presentation: Augmented Glenoid (Zimmer Biomet) *Duquin*
- 8:33 - 8:38a Outcomes of Augmented Glenoids *Yoo*
- 8:38 - 8:43a Video Presentation: Alternate Centerline (DJO) *Levy*
- 8:43 - 8:48a Outcomes of Alternate Centerline *Frankle*
- 8:48 - 8:53a Video Presentation: New Kid on the Block, Patient Matched Glenoids *Keener*
- 8:53 - 9:13a **PANEL DISCUSSION** - Managing Glenoid Deformity
Moderator: *Levy*
Panel: *Delaney, Duquin, Nicholson, Valenti, Getz, Franceschi*
- 9:13 - 9:20a Video Presentation: I Prefer the Lateral Approach *Lafosse*
- 9:20 - 9:27a Video Presentation: My Tricks for Great Glenoid Exposure *Duralde*
- 9:27 - 9:34a Video Presentation: Glenoid Graft Choices - The Best Viable Options *Seebauer*
- 9:34 - 9:54a BREAK
- 9:54 - 10:01a Video Presentation: Intraop Trialing - How To Do It - Assessing ROM, Impingement and Stability *Saltzman*
- 10:01 - 10:08a Preventing Infection - Must Do vs Voodoo *Namdari*
- 10:08 - 10:18a **AUDIENCE DISCUSSION** *Tashjian, Athwal*
- 10:18 - 10:38a **RE-LIVE SURGERY:** *Stryker RSA with Patient Matched Glenoid Implant* *Keener*
- 10:38 - 10:58a **RE-LIVE SURGERY:** *Exactech RSA with Intraoperative Navigation* *Routman*
- 10:58 - 11:18a **RE-LIVE SURGERY:** *Stryker RSA with Mixed Reality* *Athwal*
- 11:18 - 11:38a **RE-LIVE SURGERY:** *DJO RSA with MatchPoint and PSI* *Levy*
- 11:38 - 3:00p MID DAY BREAK

FRIDAY - REVERSE SHOULDER ARTHROPLASTY

January 21, 2022

- 3:00 - 3:45p** LUNCH
- 3:45 - 3:52p** Maximizing IR ROM After RSA, Is The SSC Needed? **Collin**
- 3:52 - 3:59p** The Effect of Reverse Shoulder Arthroplasty Design Parameters on Rotator cuff and Deltoid Muscle Torques: A Computational Biomechanical Analysis **Di Giacomo**
- 3:59 - 4:06p** Should We Repair The Subscapularis, How Do We Do This? **Boileau**
- 4:06 - 4:13p** Defining Risk Factors for Instability **Levine**
- 4:13 - 4:20p** Tendon Transfers With RSA for Regaining ER and IR Function **Elhassan**
- 4:20 - 4:40p** **PANEL CASE DISCUSSION** - Unstable Shoulder, What Happened?
Moderator: **Parsons**
Panel: **Elhassan, Jawa, Lafosse, Cuff, Faber**
- 4:40 - 4:47p** Short vs Standard Stems - Have We Regressed? **Nicholson**
- 4:47 - 4:54p** Will RSA Follow Anatomic Down the Stemless Pathway? **Warner**
- 4:54 - 5:04p** **INLAY vs. ONLAY DEBATE**
Why I Like Inlay **Getz**
Why I Like Onlay **Franceschi**
- 5:04 - 5:11p** The Changing NS Angle - Would Grammont Approve? **Favorito**
- 5:11 - 5:31p** **PANEL CASE DISCUSSION** - Humeral Design Applications
Moderator: **O'Brien**
Panel: **Seebauer, Saltzman, Favorito, Warner**
- 5:31 - 5:51p** BREAK
- 5:51 - 5:56p** RSA for Static Glenohumeral Instability **Sabesan**
- 5:56 - 6:01p** Reverse for Proximal Humerus Fractures: Indications and Principles **Duralde**
- 6:01 - 6:08p** Video Presentation: Reverse for Proximal Humerus Fracture Through a Deltopectoral Approach **Frankle**
- 6:08 - 6:15p** RSA for Acute Proximal Humerus Fracture - Better Than ORIF? **Zumstein**
- 6:15 - 6:22p** Management of Sequelae of Proximal Humerus: An Algorithm **Boileau**
- 6:22 - 6:29p** Talk/Video Presentation: RSA for Surgical Neck Nonunion: Osteotomy or Not Needed? **Valenti**
- 6:29 - 6:49p** **FINAL PANEL DISCUSSION** - Interesting Primary RSA Cases
Moderator: **Athwal**
Panel: **Namdari, Ladermann, Gulotta, Di Giacomo, Zumstein**
- 6:49 - 7:04p** **DISCUSSION** and Daily Wrap-UP **Keener**



SATURDAY - REVISION SHOULDER ARTHROPLASTY

January 22, 2022

- 6:15 - 6:45a** BREAKFAST
- 6:45 - 6:50a** Announcements *Athwal, Keener, Tashjian*
- 6:50 - 6:57a** How Do Shoulder Arthroplasties Fail (Early and Late) And What Does The Data Teach Us? *Tashjian*
- 6:57 - 7:04a** Pre-operative Planning for the Non-Infected Failed Arthroplasty - Imaging, Labs, Equipment *Namdari*
- 7:04 - 7:09a** 3D Virtual CT Templating for Revision Arthroplasty - Is This Even a Thing? *Athwal*
- 7:09 - 7:14a** Video Presentation: Revision Surgical Exposure for RSA and TSA *Getz*
- 7:14 - 7:19a** Video Presentation: How I Expose the Axillary Nerve During Revision Arthroplasty *Keener*
- 7:19 - 7:24a** Video Presentation: Episiotomy and Repair *Warner*
- 7:24 - 7:29a** Video Presentation: Window and Repair *Routman*
- 7:29 - 7:34a** Video Presentation: Removal of a Well Fixed Hybrid Glenoid *Gulotta*
- 7:34 - 7:39a** Video Presentation: Removal of a Well Fixed Cemented Glenoid *Jawa*
- 7:39 - 7:44a** BREAK
- 7:44 - 7:51a** Uh Oh - Complications Associated with Implant Removal and How to Address During Revision *Cuff*
- 7:51 - 8:01a** AUDIENCE DISCUSSION *Tashjian*
- 8:01 - 8:08a** Revising The Failed Glenoid: Hemiarthroplasty vs Anatomic TSA vs RSA *Keener*
- 8:08 - 8:13a** Video Presentation: 2-Stage Glenoid Recon Using Iliac Crest Bone Graft and Hemi Reverse *Boileau*
- 8:13 - 8:18a** Video Presentation: Custom Metal Baseplate in Revision Setting *Duquin*
- 8:18 - 8:23a** Video Presentation: Superior Glenoid Defect Grafting Using a Free Graft (ICBG or Allograft) *Seebauer*
- 8:23 - 8:28a** Video Presentation: Uncontained Anterior Glenoid Defect Grafting *Favorito*
- 8:28 - 8:33a** When The Stars Align - Revision Back to an Anatomic TSA *Tashjian*
- 8:33 - 8:38a** Video Presentation: Failed TSA With Contained Central Glenoid Defect *Valenti*
- 8:38 - 8:43a** Video Presentation: Revision Anatomic TSA To Non-Custom Augmented RSA Baseplate *Ladermann*
- 8:43 - 8:48a** Video Presentation: Revision to RSA Using Alternate Centerline *Abboud*
- 8:48 - 8:53a** Video Presentation: Revision Failed TSA to RSA with Glenoid Defect Grafting Using BIORSA Technique *Franceschi*
- 8:53 - 9:18a** PANEL DISCUSSION - Glenoid Reconstruction in Revision Arthroplasty
Moderator: *Abboud*
Panel: *Franceschi, Valenti, Faber, Nicholson, Warner*
- 9:18 - 9:38a** BREAK
- 9:38 - 9:45a** Management of Rotator Cuff Failure After Anatomic TSA - The Front Door and The Roof *Delaney*
- 9:45 - 9:52a** The Catastrophically Failed RSA: Resection vs Hemiarthroplasty *Sabesan*
- 9:52 - 9:59a** Management of The Unstable RSA - What Are The Options and How Do You Do It? *Saltzman*
- 9:59 - 10:04a** Video Presentation: Step by Step of One Stage Exchange *Frankle*
- 10:04 - 10:11a** Revising The Failed Humeral Stem With Sufficient Bone Stock - Stemless, Shorty, Standard, Longstem *Collin*
- 10:11 - 10:16a** Video Presentation: Revision RSA Using Humeral APC for Proximal Humeral Bone Loss *Boileau*
- 10:16 - 10:21a** Video Presentation: Long Stem Revision For Periprosthetic Fracture *Frankle*
- 10:21 - 10:26a** Video Presentation: Removal of Distal Cement Without Osteotomy *Levy*
- 10:26 - 10:31a** Video Presentation: Reverse for Fracture, Including Tuberosity Repair *Tashjian*

SATURDAY - REVISION SHOULDER ARTHROPLASTY

January 22, 2022

- 10:31 - 10:41a** **AUDIENCE DISCUSSION** *Athwal*
- 10:41 - 11:01a** **RE-LIVE SURGERY: Medacta RSA w/ MyShoulder System** *Saltzman*
- 11:01 - 11:26a** **PANEL DISCUSSION:** Failed Anatomic TSA Cases
Moderator: *Parsons*
Panel: *Di Giacomo, Collin, Duralde, Gulotta, Yoo*
- 11:26 - 3:00p** MID DAY BREAK
- 3:00 - 3:45p** LUNCH
- 3:45 - 4:05p** **RE-LIVE SURGERY: Depuy Unite Conversion Primary to RSA** *Lafosse*
- 4:05 - 4:12p** Periprosthetic Fracture - Management and Outcomes *Chalmers*
- 4:12 - 4:19p** Revision of The Failed Stem Without Sufficient Bone Stock - Classifications and Options *Routman*
- 4:19 - 4:24p** Video Presentation: Revision TSA to RSA With Convertible Stem - Onlay *Yoo*
- 4:24 - 4:29p** Video Presentation: Subscapularis Sparing Anatomic TSA *Lafosse*
- 4:29 - 4:34p** Video Presentation: ORIF Peri-prosthetic Fracture With Stable Humeral Stem *Sanchez-Sotelo*
- 4:34 - 4:39p** Video Presentation: Revision Humeral Component With Cementless Longstem Implant *Nicholson*
- 4:39 - 4:44p** Video Presentation: Revision Humeral Component With Proximal Humeral Replacement *Faber*
- 4:44 - 5:09p** **PANEL DISCUSSION:** Failed RSA Cases
Moderator: *Levine*
Panel: *Delaney, Getz, Duralde, Zumstein, Duquin*
- 5:09 - 5:29p** **RE-LIVE SURGERY: Stryker Humeral Revive Revision with Perform Baseplate** *Sanchez-Sotelo*
- 5:29 - 5:49p** BREAK
- 5:49 - 5:54p** Metal Allergies - Fact or Fiction *Jawa*
- 5:54 - 5:59p** Shoulder Pain After The Un-infected, Pretty RSA - Looks Good But Still Hurts *Zumstein*
- 5:59 - 6:04p** Anterior Shoulder Pain After RSA - Etiology and Treatment *Levy*
- 6:04 - 6:14p** Acromial and Scapular Spine Insufficiency Fractures *Athwal*
- 6:14 - 6:21p** Nerve Palsy After Arthroplasty - Prevention and Management *Abboud*
- 6:21 - 6:26p** Video Presentation: Pec Transfer For Deltoid Insufficiency or Palsy After RSA *Elhassan*
- 6:26 - 6:31p** Video Presentation: Latissimus Dorsi Transfer or Lower Trapezius Transfer For Loss of ER With Revision RSA *Elhassan*
- 6:31 - 6:41p** **AUDIENCE DISCUSSION** *Tashjian*
- 6:41 - 6:46p** Prevention of Infection in 2021 - Preps, Patient Factors, Intraoperative Techniques *Chalmers*
- 6:46 - 6:53p** How To Make The Diagnosis of Infection - Exam, Labs, Imaging, Aspiration, Biopsy, Intraop...PCR? *Namdari*
- 6:53 - 7:00p** Treatment of The Infected Arthroplasty - Debridement/Suppression, 1 vs 2 Stage - Who Gets What, Why and How Do They Do? *Di Giacomo*
- 7:00 - 7:05p** Video Presentation: Glenohumeral Cerclage for Recalcitrant RSA Instability *Tashjian*
- 7:05 - 7:30p** **FINAL PANEL DISCUSSION:** Avalanche Warning! Black Diamond Revisions!
Moderator: *Levy*
Panel: *Warner, Ladermann, O'Brien, Saltzman, Parsons, Tashjian, Athwal, Keener*
- 7:30 - 7:35p** **DISCUSSION** and Closing Remarks *Tashjian*

YOU'RE INVITED TO ATTEND WEDNESDAY, JANUARY 19TH RECEPTION & DINNER

6:00p - 9:00p

Stryker

- *Golden Cliff and Eagle's Nest*

Topic - *Introducing Planning for Revisions and Complex Primaries, part of the Blueprint Digital Platform*

Speakers: George Athwal, MD - Jay Keener, MD - Robert Tashjian, MD - Jon "JP" Warner, MD

Description: Stryker will highlight solutions for revision shoulder arthroplasty and introduce planning for Revisions and Complex Primaries, part of the Blueprint Digital Platform, please join us to engage in meaningful clinical discussion around revisions

YOU'RE INVITED TO ATTEND THURSDAY, JANUARY 20TH WORKSHOP & LUNCH

12:15p - 1:45p

Catalyst

- *Wasatch A*

Topic - *Surgical Case Review and Sawbones Lab Featuring Catalyst OrthoScience's Reproducible, Streamlined, Tissue Sparing Archer Anatomic and Reverse Shoulder Systems*

Speakers: William N. Levine, MD

Description: This luncheon presentation will include didactic surgical case reviews and sawbones featuring Catalyst OrthoScience's Archer CSR Total Shoulder System and the Archer R1 Reverse Shoulder System.

YOU'RE INVITED TO ATTEND THURSDAY, JANUARY 20TH WORKSHOP & DINNER

7:30p - 9:00p

DePuy Synthes

- *Wasatch A & B*

Topic - *DePuy Synthes Shoulder Case Review: Applying Latest Advancement in Upper Extremity*

Speakers: Peter Chalmers, MD - Derek Cuff, MD - Paul Favorito, MD - Andrew Jawa, MD

Description: Participate in an interactive case review of the latest technology advancements from DePuy Synthes including INHANCE™ Shoulder System, Radial Head, DELTA XTEND Central Screw Metaglène and TruMatch Personalized Solutions.

YOU'RE INVITED TO ATTEND FRIDAY, JANUARY 21ST WORKSHOP & LUNCH

12:15p - 1:45p

DJO

- *Wasatch B*

Topic - *Addressing Challenging aTSA and rTSA Cases with Match Point System®*

Speakers: Joseph A. Abboud, MD - Bassem Elhassan, MD - Mark A. Frankle, MD
Jonathan Levy, MD - Surena Namdari, MD

Description: Factors such as patient anatomy and bone loss can complicate what would otherwise be routine shoulder arthroplasty cases. Join our panel of experts to see how they address these issues and more with products in the DJO portfolio, including the canal sparing Altivate® Anatomic CS EDGE®, and the first to market Altivate Reverse® Short Stem, facilitated by pre-operative planning using the Match Point System.

YOU'RE INVITED TO ATTEND FRIDAY, JANUARY 21ST WORKSHOP & LUNCH

12:15p - 1:45p

Medacta

- *Wasatch A*

Topic - *NextAR™: Augmented Reality Surgical Platform*

Speakers: Alexandre Ladermann, MD - Matthew D. Saltzman, MD - Matthias A. Zumstein, MD

Description: NextAR is an innovative solution that features advanced planning tools, revolutionary tracking system, and augmented reality to potentially improve surgery accuracy and efficiency, with low upfront capital investment and cost per case compared to other technologies. Please join us for an educational session to hear insights and personal experiences from early adopters who are currently utilizing this innovative, cutting edge technology, and NextAR's ability to positively impact their OR experience and patient outcomes.

ADVANCED SHOULDER ARTHROPLASTY COURSE 2022

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