



2024

JANUARY 18-20

**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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Jean-David Werthel, MD
Jae Chul Yoo, MD
Ben Zmistowski, MD
Matthias Zumstein, MD



SECEC Patronage



ADVANCED SHOULDER ARTHROPLASTY

Welcome,

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

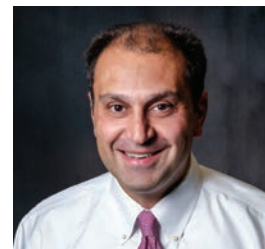
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Jointly Sponsored By

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

www.asapmeeting.org

TABLE OF CONTENTS

General Information.....	01	Workshops.....	12
Faculty.....	02	Commercial Sponsors.....	13
CME Information.....	04	Exhibitors and Booths.....	14
BeeMed.....	05	Exhibit Hall - Workshop Map.....	15
Conference Agenda.....	06	Suppliers.....	20

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 17th 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

Canyon Transportation is the recommended ground transportation service to/from the airport. Reservations can be made with your room booking through Snowbird. Reservations can also be made online at canyontransport.com or by calling 801-255-1841. Group code: **ASAP2024**. More information on transportation between resorts is available at asapmeeting.org/housing-and-travel/.

SKI LIFT TICKETS AND RENTALS

Lift Tickets and rentals can be purchased online at pass.snowbird.com or at the ticket office in The Cliff Lodge. Online ticket purchases can also be picked up with your confirmation email/QR code at any of the pick-up boxes throughout the resort. Make sure to use our group code **"ASAP24"** for up to 20% off regular online pricing.

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.

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SSID: ASAP Meeting 2024 Password: ASAP2024

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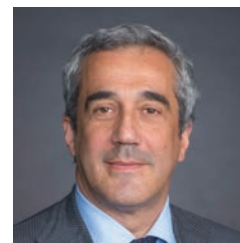
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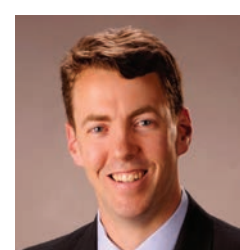
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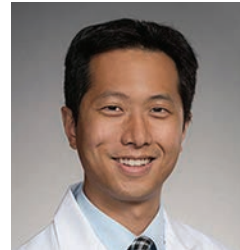
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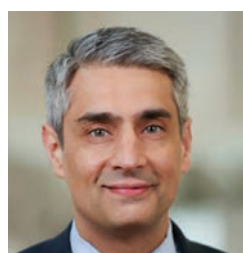
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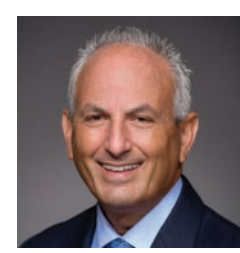
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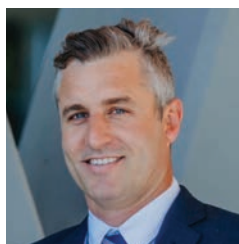
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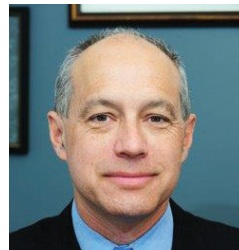
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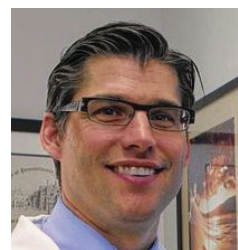
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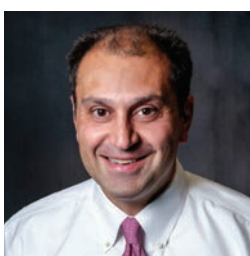
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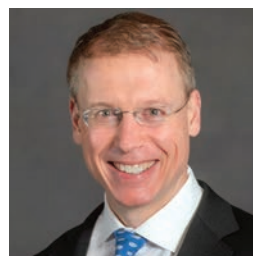
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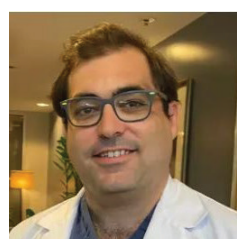
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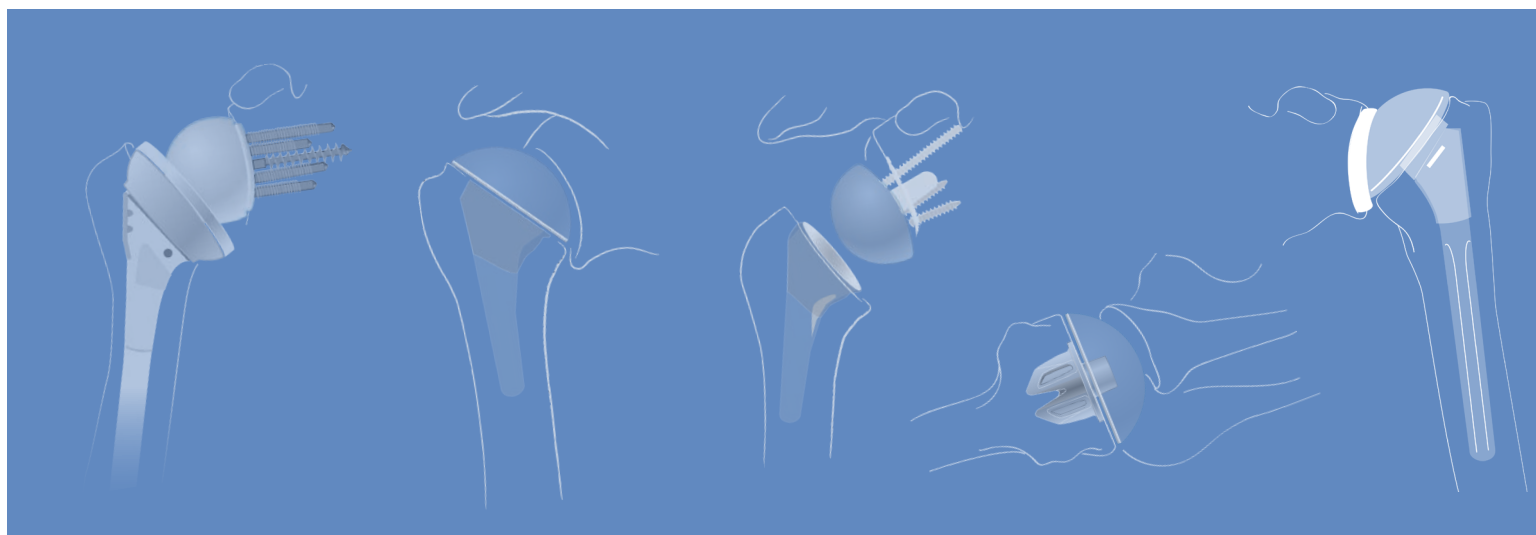
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TARGET AUDIENCE

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 26.00 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ABOS MOC CC: Successful completion of this CME activity, which includes participation in the evaluation component, enables the learner to earn credit toward the CME of the American Board of Orthopaedic Surgery's Maintenance of Certification program. It is the CME activity provider's responsibility to submit learner completion information to ACCME for the purpose of granting ABOS credit.

CME Passport: The CME credits that physicians earn from this activity will be submitted to ACCME's CME Passport, a free, centralized web application where you can create a personalized account to view, track, and generate transcripts of your reported CME credit. Please contact UUCME (CME.Office@hsc.utah.edu) with any questions.

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, pregnancy or pregnancy related conditions, 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, 383 University Street, Level One OEO Suite, 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.



Access the Advanced Shoulder ArthroPlasty Meeting 2024 VIRTUAL PLATFORM

Engage in the Q&A, interact with other participants, access all event related content, and much more!

1

Scan the QR code



Download the "EventSpace" app by clicking on the relevant download button



& open the app

2

Click "Get Started", then "Email me a magic link"

Type in your email address (the same one you used for registration)
& confirm.

3

Check your inbox from your device.

You will receive an email, which includes a code / a link to activate your account (check your spam folder if this did not arrive in your main inbox). Then, follow the instructions on screen to access the event.

Prefer to access the ASAP virtual platform directly on your browser?

To access all features of the 2024 ASAP platform, we recommend downloading the mobile app. However, if you prefer not to download the app, you can access the web version by scanning the QR code, and following steps 2-3

THURSDAY JANUARY 18TH - ANATOMIC SHOULDER ARTHROPLASTY

6:15 - 6:45a	BREAKFAST served in Exhibitor Hall
6:45 - 7:00a	Welcome and Faculty Introduction <i>Athwal, Keener, Tashjian</i>
7:00 - 7:42a	Session 1: Osteoarthritis <i>Jawa, Parsons</i>
7:00 - 7:05a	Why Do We Get Osteoarthritis? Congenital, Developmental, Degenerative or Genetics? <i>Zmistowski</i>
7:07 - 7:12a	Not Ready for Surgery Yet: PRP, Stemcells, Cortisone, Viscosupplementation <i>Cheung</i>
7:14 - 7:19a	Ready for Surgery: Is Arthroscopic Management an Option? <i>Namdari</i>
7:21 - 7:26a	Ready for Arthroplasty: CT for Everyone? What About MRI? <i>Faber</i>
7:28 - 7:33a	Outpatient Arthroplasty: Picking My Patients <i>Jawa</i>
7:35 - 7:40a	Making Sense of Regional Anesthesia: What Does the Literature Say? <i>Chalmers</i>
7:42 - 7:52a	General Audience Discussion <i>Athwal</i>
7:52 - 8:20a	Session 2: Hemiarthroplasty is Back <i>Warner, Levine</i>
7:52 - 7:57a	French Multicenter Study on Hemiarthroplasty: Do it! <i>Boileau</i>
7:59 - 8:04a	Hemi with Ream & Run <i>Hsu</i>
8:06 - 8:11a	Pyrocarbon Hemiarthroplasty: The Experience from Downunder <i>McBride</i>
8:13 - 8:18a	Hemi and Leave the Glenoid Alone <i>Neyton</i>
8:20 - 8:30a	General Audience Discussion <i>Athwal</i>
8:30 - 8:55a	Panel: Young Patients with Osteoarthritis (Cases) <i>Parsons</i> <i>Panelist: Ladermann, Chuinard, Throckmorton, Boileau</i>
8:55 - 9:05a	Break
9:05 - 9:47a	Session 3: Preoperative Planning for TSA - Do It! <i>Nicholson, Throckmorton</i>
9:05 - 9:10a	Software Planning Not Required: Use the Force! <i>Frankle</i>
9:12 - 9:17a	Glenoid Golden Rules: Does it Matter Where We Start or Where We Finish? <i>Sanchez-Sotelo</i>
9:19 - 9:24a	The Humerus: Freehand, Guide-Assisted, and At What Version? <i>Gillespie</i>
9:26 - 9:31a	Video: This is How I Expose The Glenoid <i>Abboud</i>
9:33 - 9:38a	Video: This is How I Expose The Glenoid <i>Boileau</i>
9:40 - 9:45a	Video: This is How I Expose The Glenoid <i>Di Giacomo</i>
9:47 - 10:12a	Panel: Exposure, Peel, LTO, Tenotomy, Free-hand or Guide Assisted <i>Levine</i> <i>Panelist: Yoo, Zumstein, Sperling, Warner, Keener</i>
10:12 - 10:33a	Session 4: Humerous Stuff <i>Gulotta, Faber</i>
10:12 - 10:17a	Stemless is Here: Full Disclosure - Learning Curve, Challenges and Complications <i>Sperling</i>
10:19 - 10:24a	Short Comings of Short Stems: Avoiding Malalignment and Dealing With Poor Bone <i>Cuff</i>
10:26 - 10:31a	Does Recreation of Humeral Anatomy Matter? <i>Keener</i>
10:33 - 10:45a	General Audience Discussion <i>Athwal</i>
10:45 - 10:55a	Break
10:55 - 11:51a	Session 5: Rockin' the Glenoid <i>Abboud, Gillespie</i>
10:55 - 11:00a	Glenoid Component Definitions: Inlay, Inset, Onlay, Hybrid & Metal Backed <i>Duquin</i>
11:02 - 11:07a	Video: Inset Glenoid <i>Chuinard</i>

THURSDAY JANUARY 18TH - ANATOMIC SHOULDER ARTHROPLASTY

11:09 - 11:14a	Video: Inlay Glenoid <i>Nicholson</i>
11:16 - 11:21a	Video: Hybrid Glenoid <i>Gulotta</i>
11:23 - 11:28a	Video: Metal Backed Glenoid <i>Valenti</i>
11:30 - 11:35a	Video: Full Wedge Augment <i>Routman</i>
11:37 - 11:42a	Video: Half Wedge Augment <i>Athwal</i>
11:44 - 11:49a	Video: Step Augment <i>Ricchetti</i>
11:51 - 12:01p	General Audience Discussion <i>Athwal</i>
12:01 - 12:06p	Announcements <i>Athwal, Keener, Tashjian</i>
12:06 - 3:00p	Mid Day Break - Please Check Out Our Sponsored Workshops and Visit Exhibitor Hall
3:00 - 3:45p	Lunch Served in Exhibitor Hall
3:45 - 4:05p	Re-Live Surgery: Stemless Anatomic Total Shoulder Arthroplasty with Augmented Glenoid <i>Duquin</i>
4:05 - 4:25p	Re-Live Surgery: Stemless Anatomic Total Shoulder Arthroplasty <i>Jawa</i>
4:25 - 5:00p	Session 6: What's Old and What's New in 2024 <i>Sanchez-Sotelo, Namdari</i>
4:25 - 4:30p	The All Poly Onlay Glenoid: Still the Gold Standard in 2024? <i>Delaney</i>
4:32 - 4:37p	Subscapularis Sparing TSA: My Learning Curve and Tips <i>Chalmers</i>
4:39 - 4:44p	Why You Should Navigate Your Arthroplasties <i>Zumstein</i>
4:46 - 4:51p	PSI for Everyone: "P" Stands for Perfect! <i>Warner</i>
4:53 - 4:58p	Mixed Reality: Welcome to 2024 <i>Werthel</i>
5:00 - 5:20p	Re-Live Surgery: Stemless Anatomic Total Shoulder Arthroplasty with MR Guidance <i>Sanchez-Sotelo</i>
5:20 - 5:30p	General Audience Discussion <i>Athwal</i>
5:30 - 5:40p	Break
5:40 - 5:50p	Robert T. Burks Research Scholarship Presentation <i>Athwal, Keener, Tashjian</i>
5:50 - 6:05p	Keynote Address: Shoulder Arthroplasty - Are we creating value? For whom? <i>Warner</i>
6:05 - 6:30p	Panel: Complex Primary TSA Cases <i>Keener</i> <i>Panelist: Duquin, Elhassan, Jawa, Gillespie, Namdari, Hsu</i>
6:30 - 6:58p	Session 7: Anatomic Yardsale <i>Hsu, Werthel</i>
6:30 - 6:35p	Glenoid Inclination in Primary OA: It sees Us, But Do We See It? <i>Tashjian</i>
6:37 - 6:42p	Preventing Infection: A Pinch of Science and A Dash of Voodoo <i>Yoo</i>
6:44 - 6:49p	TSA After Instability Surgery: Bankart, Latarjet, Bristow, Putti-Platt <i>Frankle</i>
6:51 - 6:56p	TSA in the Rheumatoid: Mic Drop <i>Ladermann</i>
6:58 - 7:05p	General Audience Discussion <i>Athwal</i>
7:05 - 7:30p	Inventors Panel <i>Athwal, Keener, Tashjian</i> <i>Panelist: Frankle, Boileau, Warner, Sperling, Throckmorton, Valenti, Levine</i>
7:30 - 7:40p	Discussion and Closing Remarks <i>Athwal, Keener, Tashjian</i>

FRIDAY JANUARY 19 - REVERSE SHOULDER ARTHROPLASTY

6:15 - 6:45a	BREAKFAST served in Exhibitor Hall
6:45 - 6:50a	Announcements <i>Athwal, Keener, Tashjian</i>
6:50 - 7:25a	Session 1: Principles of RSA - Let's Get Warmed Up <i>Cuff, Duquin</i>
6:50 - 6:55a	Defining Implant Lateralization: Humerus, Glenoid and Global <i>Routman</i>
6:57 - 7:02a	What is an "Anatomic Reverse" and Should This Be Our Goal? <i>Frankle</i>
7:04 - 7:09a	How Do Various Radiographic Measures Affect Outcomes After RSA? <i>Denard</i>
7:11 - 7:16a	Patient-Related Factors That Influence Outcomes After RSA <i>Ricchetti</i>
7:18 - 7:23a	Importance of the Scapula in RSA <i>Werthel</i>
7:25 - 7:33a	General Audience Discussion <i>Keener</i>
7:33 - 7:58a	Panel: Choosing Optimal Implant Lateralization- Case Based Approach <i>Routman</i> <i>Panelist: Cheung, Gulotta, Jawa, Boileau, Zmistowski</i>
7:58 - 8:40a	Session 2: RSA - Pre and Post-op Considerations <i>Werthel, Di Giacomo</i>
7:58 - 8:03a	How Does Preoperative Planning Affect Implant Choices and Surgical Technique? <i>Namdari</i>
8:05 - 8:10a	What is the Role of the Residual Rotator Cuff in RSA: Does This Influence Surgical Technique and Outcomes <i>Delaney</i>
8:12 - 8:17a	Bilateral RSA: Should I Alter Surgical Technique? <i>Abboud</i>
8:19 - 8:24a	RSA: Frail, Small-Framed, Osteoporotic Patient - How Should We Modify RSA Technique? <i>Hsu</i>
8:26 - 8:31a	Rehabilitation After RSA? Patient Preference or Evidence Based <i>Zmistowski</i>
8:33 - 8:38a	How Will RSAs Fail? Do We Have An Epidemic Coming? <i>McBride</i>
8:40 - 8:50a	General Audience Discussion <i>Keener</i>
8:50 - 9:15a	Panel: Artificial Intelligence and RSA - Is This The Future? <i>Tashjian</i> <i>Panelist: Sanchez-Sotelo, Routman, Warner, Frankle, Neyton</i>
9:15 - 9:30a	Break
9:30 - 10:33a	Session 3: RSA - It's All About the Glenoid <i>Sperling, Delaney</i>
9:30 - 9:35a	Classification of Glenoid Bone Loss and Why It's Important <i>Faber</i>
9:37 - 9:42a	How Should We Think About Glenoid Inclination in RSA? <i>Di Giacomo</i>
9:44 - 9:49a	Does Baseplate Version Matter? Defining the Baseplate Golden Rules in 2024 <i>Jawa</i>
9:51 - 9:56a	Outcomes of Augmented Glenoids in RSA <i>Yoo</i>
9:58 - 10:03a	Implant Impingement: It's Not Just Adduction <i>Levy</i>
10:05 - 10:10a	Cuff Intact Glenohumeral Joint OA: When I Choose RSA <i>Gulotta</i>
10:12 - 10:17a	Debate - Managing Glenoid Bone Loss In Primary RSA: I Prefer Metal <i>Cuff</i>
10:19 - 10:24a	Debate - Managing Glenoid Bone Loss In Primary RSA: I Prefer Bone <i>Boileau</i>
10:26 - 10:31a	When I Choose Custom Glenoid vs Off-the-Shelf in Primary RSA <i>Sperling</i>
10:33 - 10:43a	General Audience Discussion <i>Keener</i>
10:43 - 11:03a	Re-Live Surgery: Reverse Total Shoulder Arthroplasty with Planning and Augmented Baseplate <i>Sperling</i>
11:03 - 11:23a	Re-Live Surgery: Reverse Total Shoulder Arthroplasty with Patient Matched Baseplate <i>Keener</i>

FRIDAY JANUARY 19 - REVERSE SHOULDER ARTHROPLASTY

11:23 - 11:48a	Panel: Managing Glenoid Deformities - From Greens to Blacks <i>Denard</i> <i>Panelist: Valenti, Delaney, Levine, Abboud, Nicholson</i>
11:48 - 11:53a	Announcements <i>Athwal, Keener, Tashjian</i>
11:53 - 3:00p	Mid Day Break - Please Check Out Our Sponsored Workshops and Visit Exhibitor Hall
3:00 - 3:45p	Lunch Served in Exhibitor Hall
3:45 - 4:27p	Session 4: Off-Piste with the Humerus <i>Levy, Athwal</i>
3:45 - 3:50p	What is the Optimal Humeral Neck Shaft Angle? Is There Still A Role For 155 Degrees <i>Zumstein</i>
3:52 - 3:57p	How To Perfect The Humeral Neck Cut <i>Levine</i>
3:59 - 4:04p	Humeral Version: What Does the Literature Tell Us? <i>Neyton</i>
4:06 - 4:11p	Stemless RSA: Is It A Pipedream? <i>Throckmorton</i>
4:13 - 4:18p	Standard Length Stems Becoming Standard Again? <i>Keener</i>
4:20 - 4:25p	Maximizing Tuberosity Healing in RSA for Fracture <i>Parsons</i>
4:27 - 4:35p	General Audience Discussion <i>Keener</i>
4:35 - 4:55p	Panel: Humeral Considerations in Primary RSA <i>Namdari</i> <i>Panelist: Hsu, Elhassan, Zumstein, Tashjian, Ricchetti</i>
4:55 - 5:10p	Break
5:10 - 5:30p	Re-Live Surgery: Reverse Total Shoulder Arthroplasty with Modular Baseplate Augments <i>Cuff</i>
5:30 - 5:50p	Re-Live Surgery: Reverse Total Shoulder Arthroplasty for Fracture <i>Athwal</i>
5:50 - 7:00p	Session 5: RSA - Next Level Concepts <i>Chalmers, Ladermann</i>
5:50 - 5:55p	The Importance of the Subscapularis: Do We Repair This and Does It Heal? <i>Throckmorton</i>
5:57 - 6:02p	Is There A Role For Navigation In Humeral Preparation? <i>Sanchez-Sotelo</i>
6:04 - 6:09p	How I Tension My RSA: Intraop Stability Assessment <i>Cheung</i>
6:11 - 6:16p	Avoiding Acromial Stress Fractures: Who's At Risk? - My Implant Modifications <i>Gillespie</i>
6:18 - 6:23p	Anterior Shoulder Pain after RSA: Diagnosis and Management <i>Chuinard</i>
6:25 - 6:30p	Severe External Rotation Lag Signs: The Role of Tendon Transfer - Which Is The Best? <i>Nicholson</i>
6:32 - 6:37p	Tendon Transfer for Internal Rotation <i>Valenti</i>
6:39 - 6:44p	Why I No Longer Do Pec Transfers for Internal Rotation Deficit after a RSA <i>Elhassan</i>
6:46 - 6:51p	Video: Lower Trap Transfer with RSA <i>Elhassan</i>
6:53 - 6:58p	Video: Isolated Latissimus Transfer with RSA <i>Elhassan</i>
7:00 - 7:10p	General Audience Discussion <i>Keener</i>
7:10 - 7:20p	Discussion and Closing Remarks <i>Athwal, Keener, Tashjian</i>

SATURDAY JANUARY 20 - REVISION SHOULDER ARTHROPLASTY

6:15 - 6:45a	BREAKFAST served in Exhibitor Hall
6:45 - 6:50a	Announcements <i>Athwal, Keener, Tashjian</i>
6:50 - 8:07a	Session 1: Preoperative Revision Planning <i>Frankle, Sanchez-Sotelo</i>
6:50 - 6:55a	What Do Databases Down Under Tell Us About Revision Arthroplasty: The Influence of Implant Type <i>McBride</i>
6:57 - 7:02a	Preparing for Revision Arthroplasty: What is on My Checklist? <i>Edwards</i>
7:04 - 7:09a	Planning and Guidance in Revision Arthroplasty: I use Blueprint - How and Why I Do It <i>Warner</i>
7:11 - 7:16a	Planning and Guidance in Revision Arthroplasty: I use ExactechGPS - How and Why I Do It <i>Gulotta</i>
7:18 - 7:23a	Planning and Guidance in Revision Arthroplasty: I use Matchpoint - How and Why I Do It <i>Abboud</i>
7:25 - 7:30a	Video: Revision Exposure <i>Sanchez-Sotelo</i>
7:32 - 7:37a	Video: When and How I Expose the Axillary, Musculotaneous and Radial Nerves <i>Faber</i>
7:39 - 7:44a	Classifying Humeral and Glenoid Bone Loss in Failed Arthroplasty: What are the Treatment Implications? <i>Duquin</i>
7:46 - 7:51a	Outcomes of Revision Shoulder Arthroplasty: Should This Always Be RSA? <i>Boileau</i>
7:53 - 7:58a	Mismatching Implants: Off label but ASAP Approved? <i>Parsons</i>
8:00 - 8:05a	Re-Revision Arthroplasty: When is This Indicated? <i>Neyton</i>
8:07 - 8:15a	General Audience Discussion <i>Tashjian</i>
8:15 - 8:25a	Break
8:25 - 9:38a	Session 2: Revising the Glenoid - Single Black Diamond <i>Ricchetti, Zumstein</i>
8:25 - 8:30a	How Are Primary Arthroplasties Failing in 2024? <i>Edwards</i>
8:32 - 8:37a	Revision of Hemi, TSA and RSA: Which is Easier and Which Does Better? <i>Zmistowski</i>
8:39 - 8:44a	When is Arthroscopic Glenoid Removal Indicated and How Well Do They Do? <i>Di Giacomo</i>
8:46 - 8:51a	When The Stars Align: Revision Back to an Anatomic TSA <i>Tashjian</i>
8:53 - 8:58a	Put The Top Down and Go For a Drive: Convertible Implants - When, How and What Are the Outcomes? <i>Throckmorton</i>
9:00 - 9:05a	Video: Revision RSA - How to Optimize Intraoperative Stability <i>Zumstein</i>
9:07 - 9:12a	Video: Failed TSA Revised to RSA Using a Non-Custom Augmented RSA Baseplate <i>Keener</i>
9:14 - 9:19a	Video: Failed TSA Revised to RSA with Augment/Bone Sandwich <i>Ladermann</i>
9:21 - 9:26a	Video: Failed TSA Revised to RSA with Glenoid Defect Using BIO-RSA Technique <i>Werthel</i>
9:28 - 9:36a	Video: Utilizing Allograft in the Treatment of Glenoid Defects in Failed Hemiarthroplasty and Anatomic TSA <i>Tashjian</i>
9:38 - 9:48a	General Audience Discussion <i>Tashjian</i>
9:48 - 10:30a	Session 3: Revising the Glenoid - Double Black Diamond <i>Neyton, Valenti</i>
9:48 - 9:53a	Massive Glenoid Bone Loss: Custom Metal Baseplate vs. Hemi Reverse vs. Alt Center Line - How Do You Choose and What Have We Learned Over Time? <i>Nicholson</i>
9:55 - 10:00a	Video: Revision Arthroplasty to RSA with Custom Metal Baseplate using Additive <i>Cheung</i>
10:02 - 10:07a	Video: Revision Arthroplasty to RSA with Custom Metal Baseplate using VRS <i>Levine</i>
10:09 - 10:14a	Video: Revision Arthroplasty to RSA Using Alternate Centerline <i>Cuff</i>
10:16 - 10:21a	Failed RSA Converted to Hemi: When, How and What Are the Outcomes? <i>Routman</i>
10:23 - 10:28a	Revision Arthroplasty Treated with a Hemireverse <i>Athwal</i>
10:30 - 10:40a	General Audience Discussion <i>Tashjian</i>
10:40 - 10:50a	Break
10:50 - 11:15a	Panel: Glenoid Reconstruction in Revision Arthroplasty Cases <i>Nicholson</i> <i>Panelist: Denard, Di Giacomo, Faber, Ladermann, Duquin</i>

SATURDAY JANUARY 20 - REVISION SHOULDER ARTHROPLASTY

11:15 - 11:50a	Session 4: Infection <i>Cheung, Faber</i>
11:15 - 11:20a	Prevention of Infection in 2024: Preps, Patient Factors, Intraoperative Techniques - What's New and Old? <i>Namdari</i>
11:22 - 11:27a	How To Make the PJI Diagnosis: So Many Tests - What's the Best Algorithm? <i>Hsu</i>
11:29 - 11:34a	Data Driven Algorithm for 1 vs. 2 Stage Surgery for Shoulder PJI <i>Chalmers</i>
11:36 - 11:41a	Video: This is How I Do My 1 Stage <i>Frankle</i>
11:43 - 11:48a	Video: This is How I Do My 2 Stage <i>Ricchetti</i>
11:50 - 12:00p	General Audience Discussion <i>Tashjian</i>
12:00 - 12:05p	Announcements <i>Athwal, Keener, Tashjian</i>
12:05 - 3:00p	Mid Day Break - Please Check Out Our Sponsored Workshops and Visit Exhibitor Hall
3:00 - 3:45p	Lunch served in Exhibitor Hall
3:45 - 4:05p	Re-Live Surgery: Anatomic Total Shoulder Arthroplasty with Stemless Humeral Component <i>Levy</i>
4:05 - 5:15p	Session 5: Soft Tissue Reconstruction <i>Chuinard, Yoo</i>
4:05 - 4:10p	Best Indications for Tendon Transfer with RSA in the Revision Setting: Concomitant and Post Surgery <i>Elhassan</i>
4:12 - 4:17p	Video: Lower Trapezius Transfer For Loss of ER with Revision RSA <i>Elhassan</i>
4:19 - 4:24p	Nerve Palsy After Arthroplasty: Prevention and Management <i>Chuinard</i>
4:26 - 4:31p	Video: Pec Transfer for Deltoid Insufficiency or Palsy After RSA <i>Werthel</i>
4:33 - 4:38p	The Dark Side of Tendon Transfers: Not Always a Predictable Option <i>Valenti</i>
4:40 - 4:45p	The Unstable RSA: What is the Hierarchy of Treatment (Glenoid vs. Humerus vs. Both) and How Do You Manage It? <i>Athwal</i>
4:47 - 4:52p	Video: Glenohumeral Cerclage for Recalcitrant RSA Instability <i>Tashjian</i>
4:54 - 4:59p	Pathogenesis and Classification of Scapular Spine and Acromial Stress Fractures <i>Levy</i>
5:01 - 5:06p	Acromial Stress Fractures: To Fix or Not to Fix and How Should You Do It? <i>Jawa</i>
5:08 - 5:13p	Video: ORIF Levy Type II and Type III Fracture <i>Keener</i>
5:15 - 5:25p	General Audience Discussion <i>Tashjian</i>
5:25 - 5:50p	Panel: Transfers, Instability and Acromial Fractures <i>Levy</i> <i>Panelist: Parsons, Athwal, Cuff, Chalmers, Werthel</i>
5:50 - 6:00p	Break
6:00 - 6:49p	Session 6: Revision of Humerus II and Periprosthetic Fractures <i>McBride, Gulotta</i>
6:00 - 6:05p	Is There Still a Role for Hemi in the Treatment of Proximal Humeral Fracture? If So, When and How Do They Do? <i>Edwards</i>
6:07 - 6:12p	Peri-prosthetic Humeral Fractures - Classification and Management Strategies <i>Delaney</i>
6:14 - 6:19p	Technique Presentation: ORIF Peri-prosthetic Fracture with Stable Humeral Stem <i>Duquin</i>
6:21 - 6:26p	Technique Presentation: Long Stem Revision for Periprosthetic Fracture <i>Denard</i>
6:28 - 6:33p	Revision of the Failed Stem Without Sufficient Bone Stock - Classifications and Options <i>Yoo</i>
6:35 - 6:40p	Technique Presentation: Revision RSA Using Humeral APC for Proximal Humeral Bone Loss <i>Levine</i>
6:42 - 6:47p	Technique Presentation: Revision Humeral Component with Proximal Humeral Replacement <i>Gulotta</i>
6:49 - 7:00p	General Audience Discussion <i>Tashjian</i>
7:00 - 7:25p	Final Panel: Avalanche Warning! Black Diamond Revisions! <i>Athwal, Keener, Tashjian</i> <i>Panelist: Levy, Jawa, Boileau, Zmistowski, McBride, Gillespie, Warner</i>
7:25 - 7:35p	Discussion and Closing Remarks <i>Athwal, Keener, Tashjian</i>

YOU'RE INVITED TO ATTEND WEDNESDAY, JANUARY 17TH RECEPTION & DINNER

6:30p - 9:00p **Stryker**

- **Golden Cliff and Eagle's Nest**

Topic - *Global Pyrocarbon Shoulder Experience: Australia, Europe, North America*

Speakers: Armodios Hatzidakis, MD - Andrew McBride, MD, MBBS, FRACS - Lionel Neyton, MD

Description: Advanced bearing shoulder arthroplasty is here! Join us and our esteemed faculty from around the world as they share the latest clinical data, surgical experience and best practices with Tornier Pyrocarbon Humeral Head.

YOU'RE INVITED TO ATTEND THURSDAY, JANUARY 18TH WORKSHOP & LUNCH

1:00p - 3:00p **Zimmer Biomet**

- **Wasatch A**

Topic - *Maximizing Gleno-Humeral Technologies to Achieve the Best Patient Outcomes*

Speakers: Thomas Duquin, MD - John Sperling, MD, MBA - William Levine, MD

Description: In this interactive session, Dr. Thomas Duquin and Dr. John Sperling will discuss the updated Signature™ 2.0 for Case Planning, the Nano Stemless Shoulder, Alliance™ Glenoids and Comprehensive® Baseplate Augmentation for resolving various glenoid defects.

YOU'RE INVITED TO ATTEND FRIDAY, JANUARY 19TH WORKSHOP & LUNCH

1:00p - 3:00p **Depuy Synthes**

- **Wasatch B**

Topic - *Realizing speed and efficiency with the INHANCE™ Reverse Shoulder System & KICKSTAND™ Augments*

Speakers: Derek Cuff, MD - Andrew Jawa, MD

Description: The INHANCE™ Shoulder System empowers surgeons to treat a broad range of shoulder replacement cases in less time using fewer intraoperative steps and a seamless construct design. INHANCE™ is designed to meet unmet needs in shoulder arthroplasty by addressing critical inefficiencies in intra- and postoperative operations, so surgeons can advance their patient care while administrators improve their reprocessing costs.



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Exhibitor's Reception

JANUARY 18TH | 7:45 - 9:00 PM | EXHIBITOR HALL

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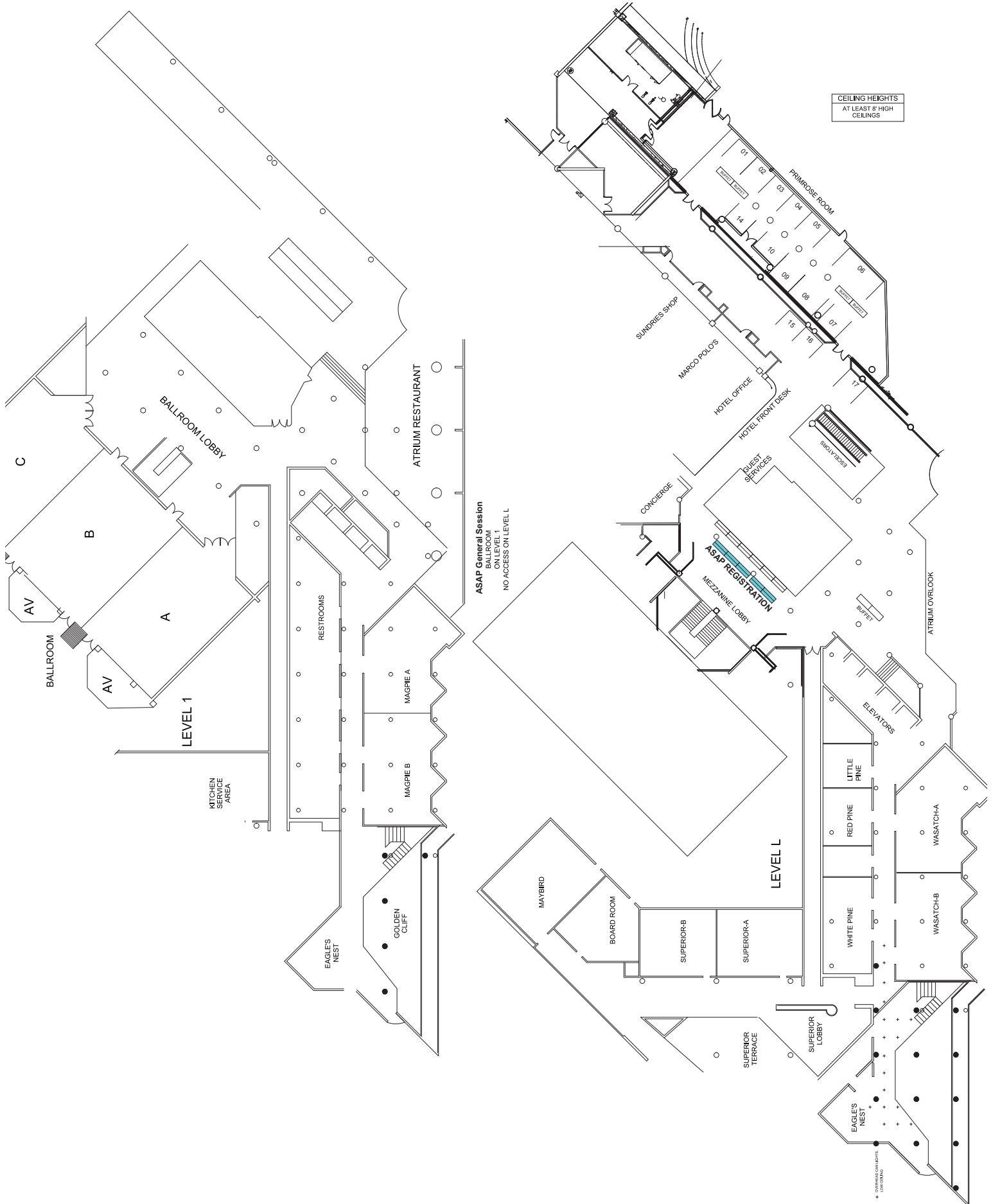


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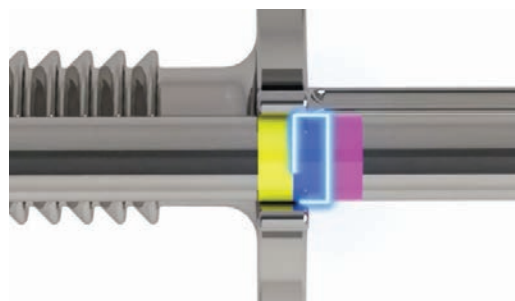
Visit us at booth #6 and #17



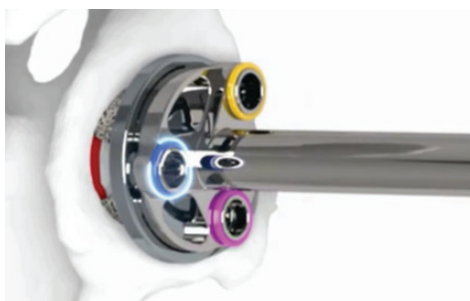
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Stability Meets Efficiency



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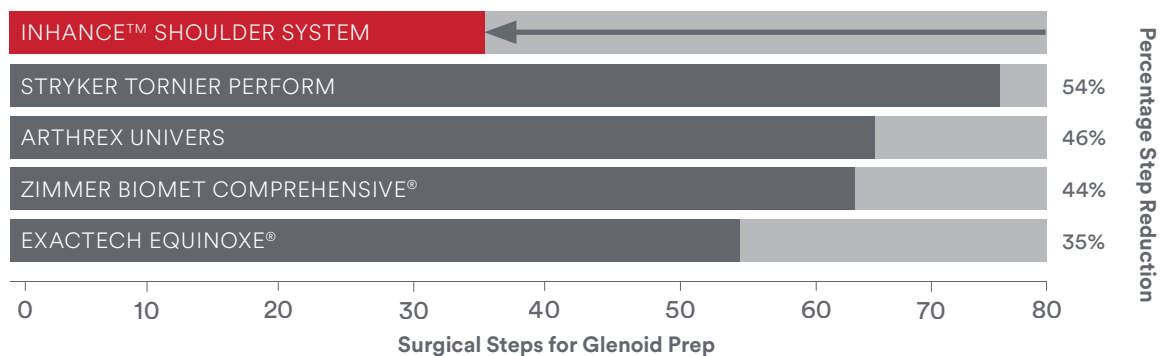


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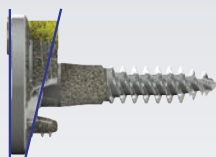
KICKSTAND™ Augments Step Reduction²



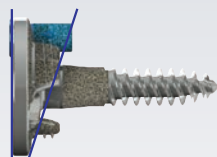
Degrees of Correction

Full Wedge

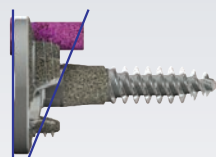
S 14° | L 12°



S 19° | L 16°

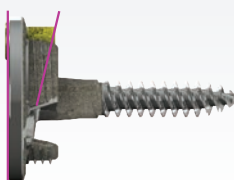


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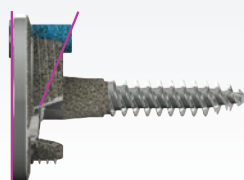


Half Wedge

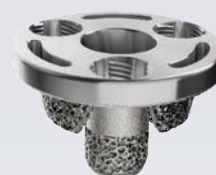
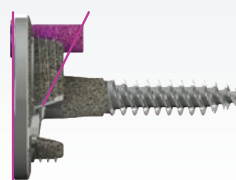
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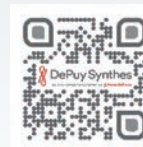
S 26° | L 22°



S 34° | L 30°



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KICKSTAND™ Augments
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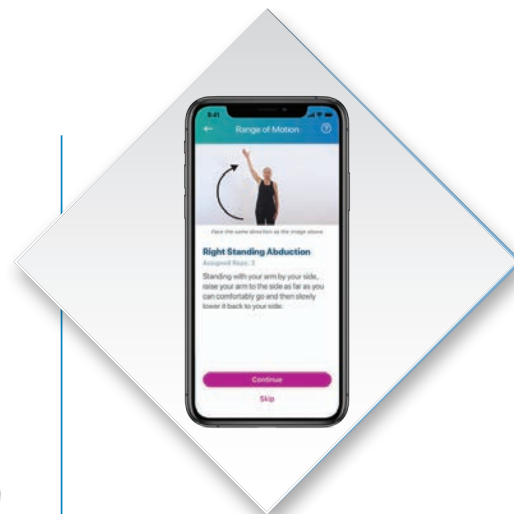
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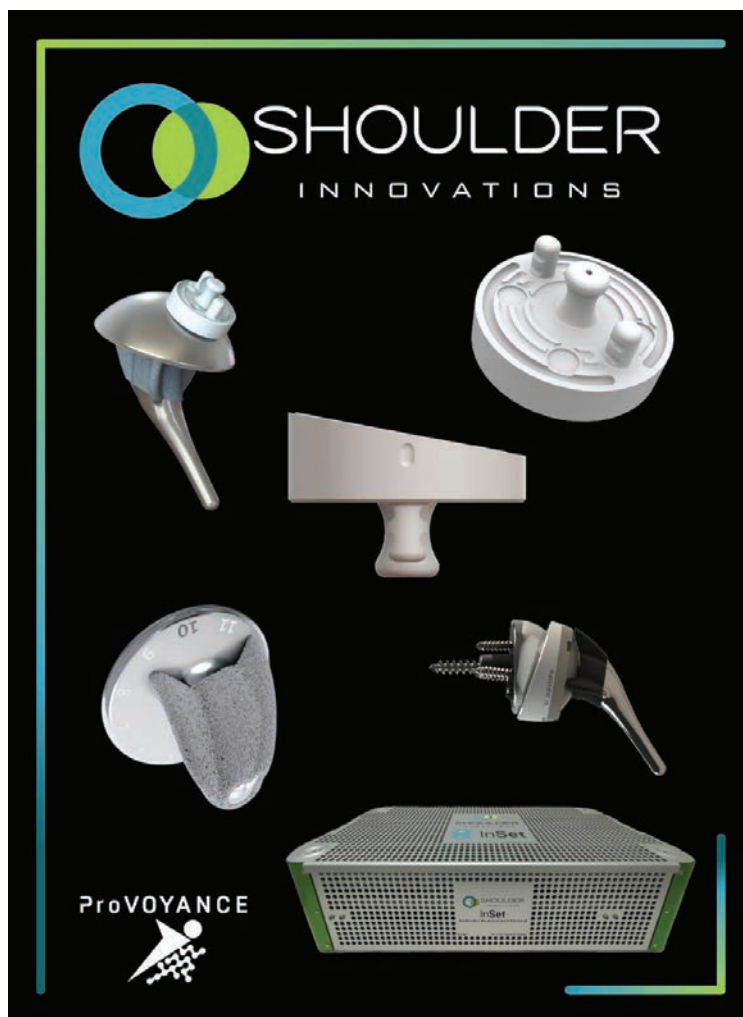
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