

Hosted by

16th International Congress on Shoulder and Elbow Surgery

September 22-25, 2026
Vancouver, Canada

ICSES 2026 DIGITAL PROGRAM BOOK

SEPTEMBER 22–25, 2026

VANCOUVER, CANADA

stryker

Made to move

Shoulder solutions from **repair** to **reconstruction**







AlphaVent
Knotless
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Blueprint® 4.3.1
with Instability
Planning

Mako Shoulder

Visit booth #401 to learn more.

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WELCOME MESSAGE

On behalf of the ICSES 2026 Organizing Committee, and the American Shoulder and Elbow Surgeons Board of Directors, it is my pleasure to invite you to attend and participate in the 16th ICSES Congress taking place September 22nd – September 25th, 2026, in Vancouver British Columbia.

The 2026 Congress will bring together World experts in the field of Shoulder and Elbow Surgery to share and discuss scientific questions, achievements, issues and challenges relevant to our discipline. Delegates from around the world will gather together to exchange new ideas, make and renew friendships, network, and collaborate on future endeavors and projects.

Additionally, we encourage you to not miss out on the opportunity to explore our wonderful host city of Vancouver, a place where the sparkling waters of the Pacific Ocean meet the snow-capped peaks of local mountains. Where an urban rainforest reflects off the glass of an ever-changing skyline. And where an award-winning convention centre, world-renowned cuisine and a collaborative network of magnificent hotels are all within walking distance.

We hope you will join us for a masterpiece of outstanding education and take a little extra time to enjoy the spectacular and unique beauty of this region.

We look forward to welcoming you to ICSES 2026 Vancouver!



George S. Athwal, MD, FRCSC
ICSES 2026 Course Chair

PROGRAM
HIGHLIGHTS

357 / 237 unique

INVITED SPEAKERS & VIDEO PRESENTERS

569

ePOSTERS

50+

COUNTIRES REPRESENTED

125

SESSIONS

GENERAL INFORMATION

Access/Security

Congress badges will be provided to all delegates and participants and can be picked up at the ICSES 2026 Registration Desk. Please wear and ensure your name badge is visible at all times, as it is your admission pass to all sessions, the Exhibit Hall and Social Events. Delegates will not be able to access the congress venue and meeting space without their badge. Reprint fees for any lost or misplaced badges may apply.

First Aid and Emergency Services

In the event of a medical emergency, the Vancouver Convention Centre's (VCC) fully trained first aid attendants are the first responders in a coordinated procedure with the City's fire and emergency agencies. Dial 7500 from any VCC house phone or alert any VCC staff of the need for first aid. Calls can be made from an outside line or cell phone by dialing +1 604 647 7500. First aid attendants will respond immediately and will further contact external emergency agencies as needed. The facility is equipped with defibrillators, and first aid personnel are fully trained to use them.

Lost & Found

Please report any lost or unattended items immediately to the ICSES 2026 Registration Desk. Should you lose anything while at the congress, please inquire at the Registration Desk where any recovered lost property will be held.

Photographer & Videographer

An official photographer & videographer will be present during the Congress. By registering for ICSES 2026, you agree your image may be taken. Imagery taken may be used for marketing purposes for future ICSES congresses and ASES events.

Official Language

The official language of ICSES 2026 is English. All sessions will be conducted in English.

Water Stations

Water stations are available throughout the ICSES 2026 spaces at the Vancouver Convention Centre, West Building. We encourage delegates to use refillable water bottles whenever possible.

Disclaimer

Information contained in this Program is correct at the time of publication and is subject to change. The ICSES 2026 organizers reserves the right to modify the program, including session times, speakers, room assignments and other details, without prior notice.

Hours of Operation

REGISTRATION & HELP DESK

Ballroom Lobby, Level 1

Tuesday, September 22
5:30 AM – 5:00 PM

Wednesday, September 23
6:00 AM – 7:30 PM

Thursday, September 24
6:00 AM – 6:00 PM

Friday, September 25
6:30 AM – 4:30 PM

SPEAKER READY ROOM

Meeting Room 210, Level 2

Tuesday, September 22
5:30 AM – 5:00 PM

Wednesday, September 23
6:00 AM – 5:00 PM

Thursday, September 24
6:00 AM – 5:00 PM

Friday, September 25
6:00 AM – 5:00 PM

EXHIBIT HALL

West Ballroom CD, Level 1

Wednesday, September 23
6:00 AM - 4:00 PM

Welcome Reception
6:15 PM - 7:45 PM

Thursday, September 24
6:00 AM - 6:00 PM

Friday, September 25
6:00 AM - 5:30PM

ePOSTER GALLERY

Ballroom Foyer, Level 1

Food and Beverage

The following refreshments will be provided during ICSES 2026.

Tuesday, September 22

6:30 AM – 5:00 PM
Ballroom Lobby, Level 1
All Day Coffee, Tea and Soft Drinks

Wednesday, September 23

6:00 AM – 8:00 AM
Exhibit Hall, West Ballroom CD
Breakfast

8:00 AM – 6:00 PM
Exhibit Hall, West Ballroom CD
All Day Coffee, Tea and Soft Drinks

11:00 AM - 11:30 AM
Exhibit Hall, West Ballroom CD
Light Refreshments
sponsored by
Medacta, booth #203

6:15 PM – 7:45 PM
Exhibit Hall, West Ballroom CD
Welcome Reception

Thursday, September 24

6:00 AM – 8:00 AM
Exhibit Hall, West Ballroom CD
Breakfast

8:00 AM – 6:00 PM
Exhibit Hall, West Ballroom CD
All Day Coffee, Tea and Soft Drinks

11:00 AM - 11:30 AM
Exhibit Hall, West Balloom CD
Light Refreshments
sponsored by
Medacta, booth #203

7:00 PM – 11:00 PM
Commodore, Ballroom, 868 Granville Street, Vancouver, BC
ICSES Rocks the Commodore *(Ticketed Event)*

Friday, September 25

6:00 AM – 8:00 AM
Exhibit Hall, West Ballroom CD
Breakfast

8:00 AM – 5:00 PM
Exhibit Hall, West Ballroom CD
All Day Coffee, Tea and Soft Drinks

11:00 AM - 11:30 AM
Exhibit Hall, West Ballroom CD
Light Refreshments
sponsored by
Medacta, booth #203

Medacta International

WIFI

Network
ICSES2026

Password
ICSESConnect26

MOBILE APP

App Features

- Browse the full scientific program
- Search sessions, speakers and exhibitors
- Build a personal agenda
- View session details and presentations
- Access ePosters and digital resources
- Connect with fellow attendees

sponsored by Smith+Nephew

Download the App

Click on or scan the QR codes below to download the official ICSES 2026 Mobile app

Enter the Event Code

When you open the app for the first time, enter the following event code: **icses2026**

Log In

Registered email: Use the email address you provided during registration.

Password PIN: Your PIN can be found in your final confirmation email.

Download on the App Store

GET IT ON Google Play



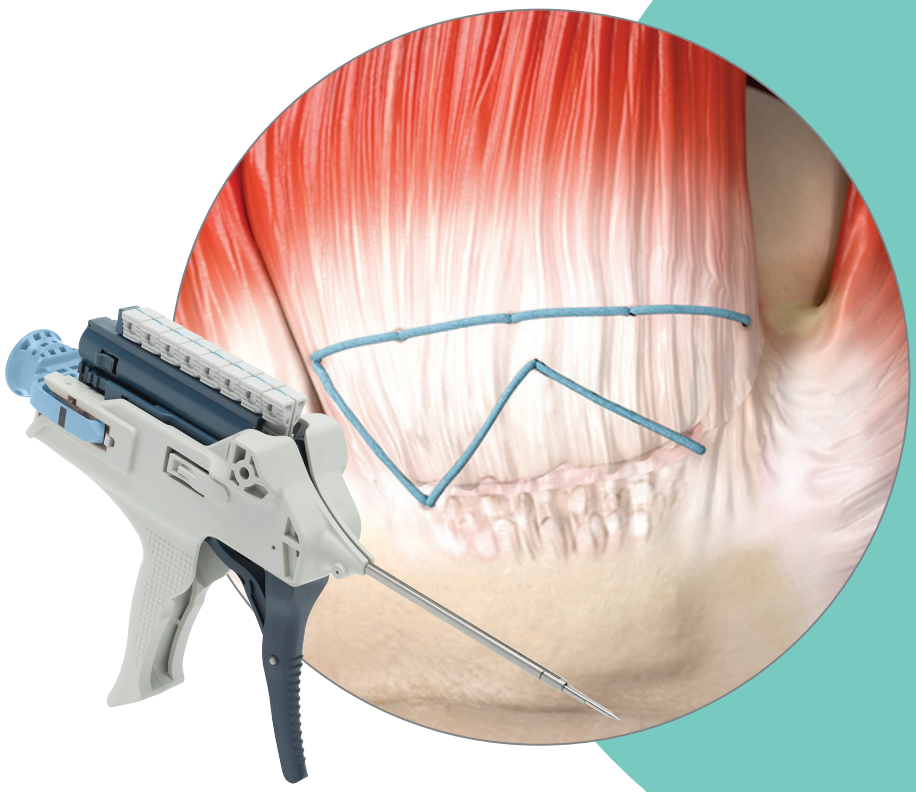
Webinar November 10

Register now

Introducing the TENDON SEAM System at ICSES

Visit our booth to discover how you can achieve a stronger start to healing in rotator cuff repair. **For a deeper dive, register for our upcoming on-demand webinar.**

- **2x stronger*[1–3]**
- **10x less gap formation*[1–3]**
- **45% fewer procedural steps†[4]**



Smith+Nephew

TENDON SEAM
Rotator Cuff Repair System

*Compared to knotted and knotless transosseous-equivalent (TOE) repairs in biomechanical testing in human cadavers.
†Compared to knotted TOE repair

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References

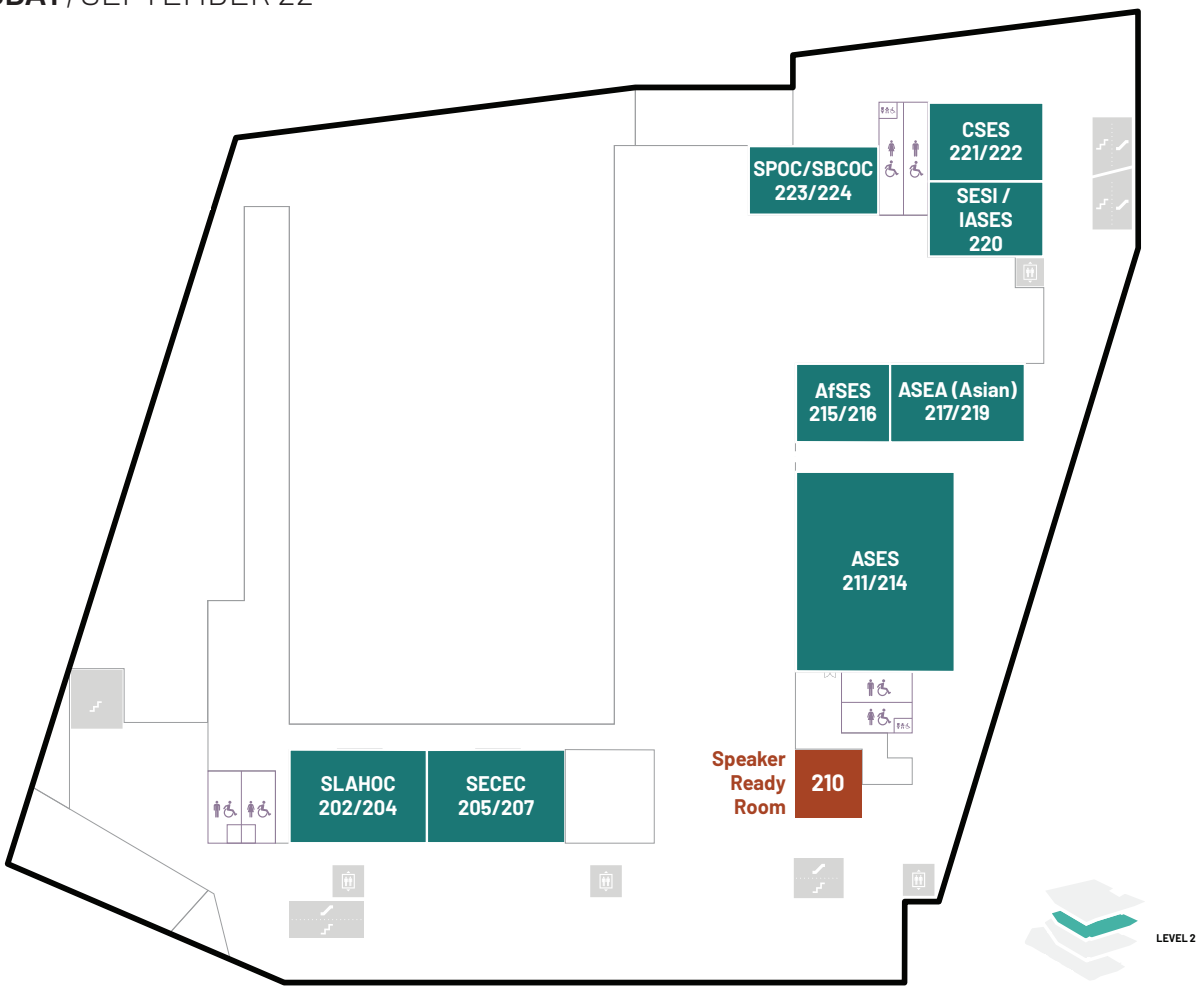
1. Integrity Orthopaedics Data on File. Testing Report: DN-00664. **2.** Busfield BT, et al. *Am J Sports Med.* 2008;36(5):901-906. **3.** Park MC, et al. *J Shoulder Elbow Surg.* 2007; 16(4):469-476. **4.** Smith+Nephew 2026. Memo-Design and Tech Claims Rationales Rev 02.

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TENDON SEAM is manufactured by Integrity Orthopaedics 5565 Pioneer Creek Drive Maple Plain, MN 55359

VENUE MAP

INTERNATIONAL DAY ROOM ASSIGNMENTS

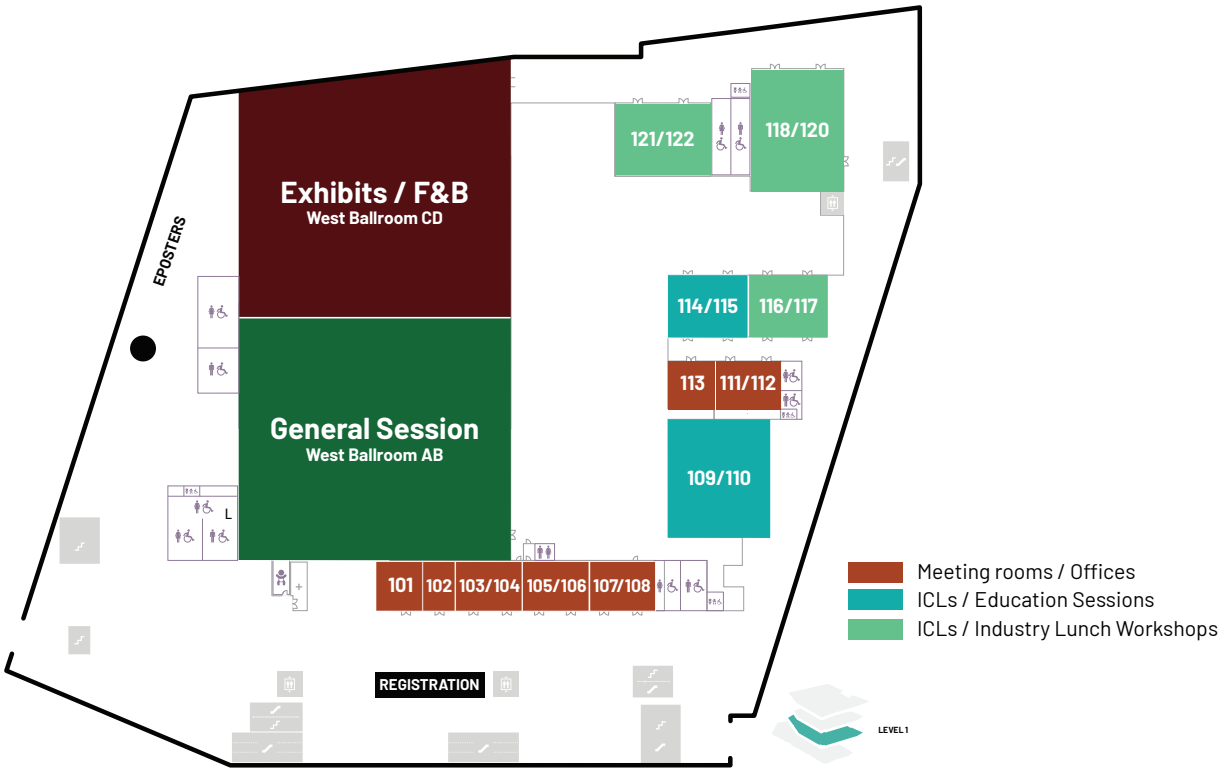
TUESDAY, SEPTEMBER 22



Speaker Ready Room
International Day Sessions

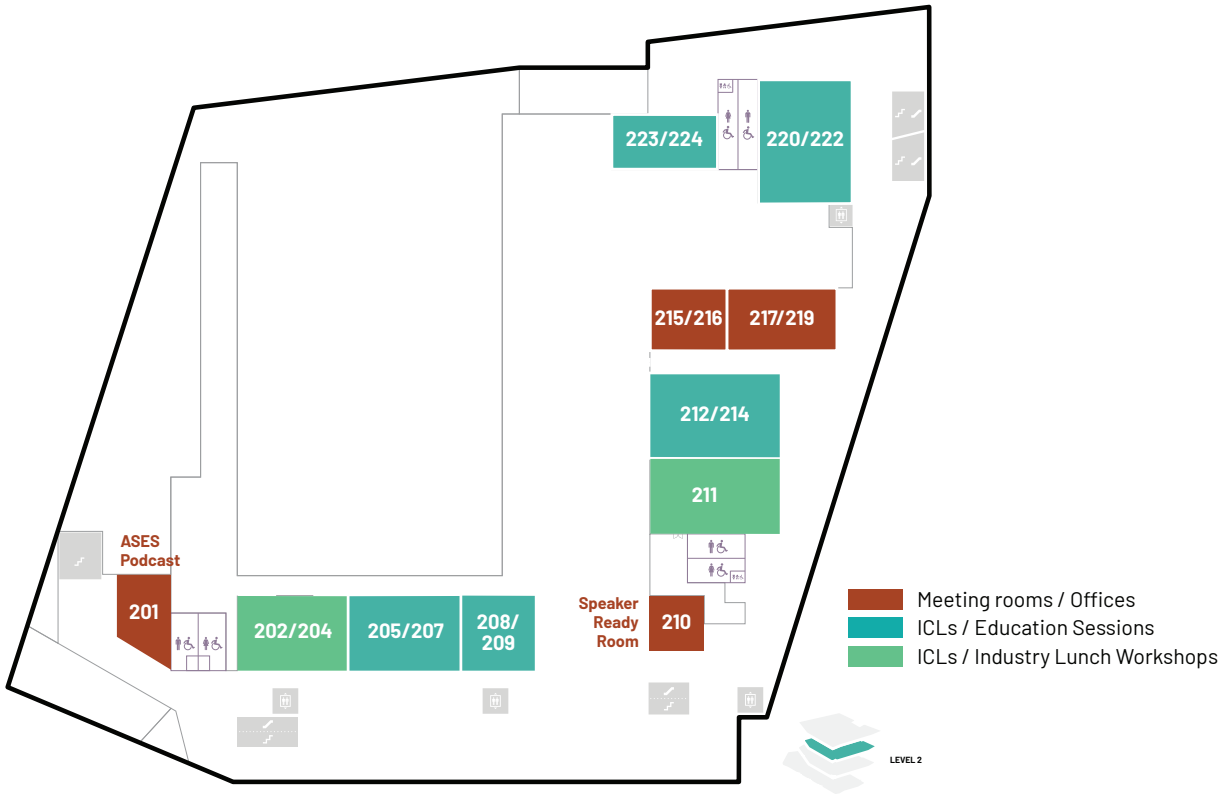
LEVEL 1 ROOMS

WEDNESDAY, SEPTEMBER 23 to **FRIDAY,** SEPTEMBER 25



LEVEL 2 ROOMS

WEDNESDAY, SEPTEMBER 23 to **FRIDAY,** SEPTEMBER 25



PROGRAM AT A GLANCE

TUESDAY, SEPTEMBER 22

Registration: 5:30 AM - 5:00 PM
Speaker Ready Room: 5:30 AM - 5:00 PM

International Day

WEDNESDAY, SEPTEMBER 23

Registration: 6:00 AM - 7:30 PM **Exhibit Hall:** 6:00 AM - 7:45 PM
Speaker Ready Room: 6:00 AM - 5:00 PM

- **ICLs** 6:45 AM - 7:45 AM
- **Breakfast / Visit Exhibitors / View ePosters** 6:00 AM - 8:00 AM
- **Opening Ceremony** 8:00 AM - 8:45 AM
- **Neer Honorary Invited Speaker** 8:50 AM - 9:20 AM
- **Concurrent Education Sessions** 9:30 AM - 11:00 AM
- **Break / Visit Exhibitors / View ePosters** 11:00 AM - 11:30 AM
- **Concurrent Education Sessions** 11:30 AM - 1:00 PM
- **Break / Visit Exhibitors / View ePosters** 1:00 PM - 2:30 PM
- **Industry Lunch Workshops** 1:30 PM - 2:30 PM
- **Concurrent Education Sessions** 2:45 PM - 4:15 PM
- **Morrey Honorary Invited Speaker** 4:30 PM - 5:00 PM
- **Symposium: The Elite Surgeon-Athlete: How to Up Your Performance and Well-Being** 5:00 PM - 6:15 PM
- **Welcome Reception** 6:15 PM - 7:45 PM
- **International Women in Shoulder & Elbow Surgery Forum** Sponsored by Enovis 6:20 PM - 8:30 PM

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THURSDAY, SEPTEMBER 24

Registration: 6:00 AM - 5:00 PM **Exhibit Hall:** 6:00 AM - 4:00 PM
Speaker Ready Room: 6:00 AM - 5:00 PM

ICLs
6:45 AM - 7:45 AM

Breakfast / Visit Exhibitors / View ePosters
6:00 AM - 8:00 AM

Kessel Honorary Invited Speaker 8:00 AM - 8:30 AM

Symposium: Total Elbow Arthroplasty - Will We Ever Trust This Procedure?
8:30 AM - 9:20 AM

Symposium: All Things Trauma
8:30 AM - 9:20 AM

Concurrent Education Sessions
9:30 AM - 11:00 AM

Break / Visit Exhibitors / View ePosters
11:00 AM - 11:30 AM

Concurrent Education Sessions
11:30 AM - 1:00 PM

Break / Visit Exhibitors / View ePosters
1:00 PM - 2:30 PM

Industry Lunch Workshops
1:30 PM - 2:30 PM

Concurrent Education Sessions
2:45 PM - 4:15 PM

Rockwood Honorary Invited Speaker 4:30 PM - 5:00 PM

Symposium: Surgical Approaches to the Elbow - The Great Debate!
5:00 PM - 6:00 PM

Symposium: Shoulder Instability: International Perspective
5:00 PM - 6:00 PM

ICSES Rocks the Commodore
Additional Ticket Required
7:00 PM - 11:00 PM

FRIDAY, SEPTEMBER 25

Registration: 6:30 AM - 4:30 PM **Exhibit Hall:** 6:00 AM - 4:00 PM
Speaker Ready Room: 6:00 AM - 5:00 PM

ICLs
6:45 AM - 7:45 AM

Breakfast / Visit Exhibitors / View ePosters
6:00 AM - 8:00 AM

Walch Honorary Invited Speaker 8:00 AM - 8:30 AM

Symposium: Elbow Trauma – NonOp, Fix or Replace!
8:30 AM - 9:20 AM

Symposium: Shoulder Arthroplasty: Around the World in 50 Minutes
8:30 AM - 9:20 AM

Concurrent Education Sessions
9:30 AM - 11:00 AM

Break / Visit Exhibitors / View ePosters
11:00 AM - 11:30 AM

Concurrent Education Sessions
11:30 AM - 1:00 PM

Break / Visit Exhibitors / View ePosters
1:00 PM - 2:30 PM

Industry Lunch Workshops
1:30 PM - 2:30 PM

Concurrent Education Sessions
2:45 PM - 4:15 PM

Codman Honorary Invited Speaker 4:30 PM - 5:00 PM

Closing Ceremony 5:00 PM - 5:30 PM

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Program at a Glance is subject to change. Please check the Mobile App for the most up-to-date version.

INVITED HONORARY LECTURERS

NEER LECTURE



DR. MARK FRANKLE

United States

Survival. Resilience. Thriving. Before Innovation...There is Survival. Before Progress...

There is Resistance.

September 23, 2026

8:50 AM - 9:20 AM

Ballroom AB

Dr. Mark Frankle is a world-renowned shoulder surgeon recognized for his transformative contributions to shoulder arthroplasty, particularly reverse shoulder replacement. He is widely respected for his clinical innovation, prolific academic output, and leadership in advancing implant design, surgical technique, and outcomes research. Dr. Frankle is a sought-after international lecturer and has had a profound influence on modern shoulder reconstruction and surgeon education worldwide.

The Neer Lecture honors the legacy of **Dr. Charles S. Neer II**, often regarded as the father of modern shoulder surgery. Dr. Neer's groundbreaking work established foundational principles in shoulder anatomy, pathology, fracture classification, and arthroplasty, shaping the specialty as it is known today. The Neer Lecture is reserved for individuals whose career achievements reflect Dr. Neer's spirit of innovation, academic excellence, and enduring impact on the field.

MORREY LECTURE



DR. ADAM WATTS

United Kingdom

Little Known Tracks

September 23, 2026

4:30 PM - 5:00 PM

Ballroom AB

Dr. Adam Watts is an internationally respected orthopaedic surgeon recognized for his expertise in elbow surgery, complex upper-extremity reconstruction, and outcomes-based research. He is widely known for his academic productivity, thoughtful clinical approach, and commitment to advancing evidence-based care through education and mentorship. Dr. Watts is a frequent invited lecturer at national and international meetings and has played a significant role in training the next generation of elbow surgeons.

The Morrey Lecture honors the impact of **Dr. Bernard Morrey**, whose seminal contributions fundamentally shaped modern elbow surgery. Dr. Morrey is internationally revered for defining elbow biomechanics, instability, and arthroplasty principles, and for his extraordinary impact as a teacher, author, and innovator. The Morrey Lecture recognizes surgeons who reflect his standards of academic excellence, clinical rigor, and lasting influence on the field.

KESSEL LECTURE



DR. DANIEL MOYA

Argentina

45 years in Shoulder Surgery: A Journey Through Change

September 24, 2026

8:00 AM - 8:30 AM

Ballroom AB

Dr. Daniel Moya is an internationally recognized leader in shoulder surgery, known for his expertise in complex shoulder reconstruction and revision arthroplasty. He is highly regarded for his academic contributions, thoughtful surgical approach, and longstanding commitment to education and mentorship within the global shoulder and elbow community. Dr. Moya is a frequent invited speaker at major international meetings and continues to influence the field through clinical innovation and scholarly work.

The Kessel Lecture honors the legacy of **Dr. Alexander Kessel**, a pioneering figure whose work helped shape modern shoulder surgery and significantly advanced the understanding and treatment of shoulder disorders. Named in recognition of his lasting impact on the specialty, the Kessel Lecture is reserved for surgeons who exemplify excellence, leadership, and meaningful contribution to the field.

ROCKWOOD LECTURE



DR. JAE CHUL (JC) YOO

Republic of Korea

AI Usage and Subscapularis Tendon Tears: Revisited 2026

September 24, 2026

4:30 PM - 5:00 PM

Ballroom AB

Dr. JC Yoo is an internationally recognized leader in shoulder surgery, known for his significant contributions to arthroscopic techniques, rotator cuff repair, and sports-related shoulder disorders. He is highly regarded for his academic productivity, clinical innovation, and commitment to education, and has played a pivotal role in advancing shoulder surgery throughout Asia and globally. Dr. Yoo is a frequent invited lecturer at major international meetings and is widely respected as a mentor and educator.

The Rockwood Lecture honors the legacy of **Dr. Charles A. Rockwood Jr.**, a towering figure in shoulder and elbow surgery whose work defined the modern understanding of shoulder instability, trauma, and classification systems. Dr. Rockwood's influence as a clinician, educator, and author continues to shape the specialty worldwide. The Rockwood Lecture is reserved for surgeons who exemplify excellence, leadership, and enduring contributions to the field of shoulder surgery.

WALCH LECTURE



DR. MARKUS SCHEIBEL

Germany

The Pursuit of Better: Learning from Success – and Failure

September 25, 2026

8:00 AM - 8:30 AM

Ballroom AB

Dr. Markus Scheibel is an internationally acclaimed shoulder surgeon recognized for his pioneering work in shoulder instability, arthroscopy, and anatomic and reverse shoulder arthroplasty. He is widely respected for combining technical innovation with rigorous clinical research and has made substantial contributions to the scientific literature. Dr. Scheibel is a sought-after international lecturer and an influential educator whose work has helped shape contemporary shoulder surgery practice worldwide.

The Inaugural Walch Lecture honors the extraordinary impact of **Dr. Gilles Walch**, one of the most influential figures in modern shoulder surgery. Dr. Walch's seminal contributions to glenoid morphology, shoulder arthroplasty, and classification systems fundamentally transformed the understanding and treatment of shoulder disease. Establishing this named lecture recognizes his enduring global impact on the specialty, and it is fitting that the inaugural lecture be delivered by a surgeon whose career reflects the same spirit of innovation, scholarship, and excellence.

CODMAN LECTURE



DR. JON "J. P." WARNER

United States

Codman's Values: An Anachronism?

September 25, 2026

4:30 PM - 5:00 PM

Ballroom AB

Dr. J.P. Warner is an internationally distinguished shoulder surgeon recognized for his extensive contributions to clinical care, research, and education in shoulder and elbow surgery. He is widely respected for his expertise in complex shoulder disorders, instability, and arthroplasty, as well as for his leadership in developing comprehensive, multidisciplinary approaches to patient care. Dr. Warner has authored hundreds of peer-reviewed publications and has mentored generations of surgeons who now serve as leaders throughout the world.

The Codman Lecture honors the legacy of **Dr. Ernest Amory Codman**, a visionary surgeon best known for introducing the End Result Idea, a foundational concept in outcomes measurement and quality improvement in medicine. Dr. Codman's insistence on accountability, transparency, and continuous improvement profoundly shaped modern orthopaedic practice. The Codman Lecture recognizes surgeons whose careers reflect these principles through innovation, scholarship, and a lasting commitment to advancing patient care.

SCIENTIFIC PROGRAM

Program Navigation

- **WEDNESDAY,** SEPTEMBER 23
- **THURSDAY,** SEPTEMBER 24
- **FRIDAY,** SEPTEMBER 25
- **ePOSTERS**

WEDNESDAY, SEPTEMBER 23

6:00 AM - 8:00 AM

Breakfast/Visit Exhibitors/View ePosters

Break

West Ballroom CD

6:45 AM - 7:45 AM

ICL01 - Shoulder Instability in 2026 - A Global Perspective

Instructional Course Lecture

Track: *Shoulder Instability*

109/110

Moderator: **William Levine, United States**

6:45 AM ICL01.01 - Case-Based Session

Michael Knudsen, United States
Ivan Wong, Canada
Markus Scheibel, Germany
Ana Catarina Ângelo, Portugal

6:45 AM - 7:45 AM

ICL02 - From Stem Cells to Stemless - How Should I Treat the Young Patient With Shoulder Arthritis

Instructional Course Lecture

Track: *Shoulder Arthritis*

114/115

Moderator: **John Sperling, United States**

6:45 AM	ICL02.01 - What Is the Status of Biologic Treatments for Shoulder Arthritis in 2026 Leesa Galatz, United States
6:53 AM	ICL02.02 - Arthroscopic Management of Shoulder Arthritis in Young Adults: Surgical Technique and Results Emilio Calvo, Spain
7:01 AM	ICL02.03 - Anatomic Shoulder Arthroplasty-What Is the Current Role in Young Patients John Sperling, United States
7:09 AM	ICL02.04 - Hemiarthroplasty-What Does the Data Tell Us About Metal, New Bearing Surfaces, and Ream and Run Marc Hirner, New Zealand
7:17 AM	Case Discussion John Sperling, United States

6:45 AM - 7:45 AM

ICL03 - Elbow Therapist & Surgeon: How to Manage the Stiff Elbow

Instructional Course Lecture

Track: *Elbow Arthritis*

116/117

Moderator: **Graham King, Canada**

6:45 AM	ICL03.01 - Arthroscopic Management of the Stiff Elbow Yousif Atwan, Canada
6:57 AM	ICL03.02 - Open Management of the Stiff Elbow Graham King, Canada
7:09 AM	ICL03.03 - Rehabilitation of the Stiff Elbow: Splinting/Brace Tactics Joey Pipicelli, Canada
7:21 AM	ICL03.04 - When to Employ CPM and Other Techniques? Ben Hughes, United Kingdom
7:33 AM	Discusson Graham King, Canada

6:45 AM - 7:45 AM

ICL04 - Management of Neglected and Failed Proximal Humerus Fractures: A Case Based Approach

Instructional Course Lecture

Track: *Shoulder Fracture*

118/120

Moderator: **Jie Yao, United States**

6:45 AM ICL04.01 - Case-Based Session

Vahid Entezari, United States
Charles Getz, United States
Giovanni Di Giacomo, Italy
Jie Yao, United States

6:45 AM - 7:45 AM

ICL05 - When Shoulder Surgery Fails: Why, How, and What to Do Next

Instructional Course Lecture

Track: *Shoulder*

121/122

Moderator: **Berte Bøe, Norway**

6:45 AM ICL05.01 - Persistent Pain and Stiffness After Shoulder Surgery: Diagnostic Pitfalls and Management

Maristella Saccomanno, Italy

6:55 AM ICL05.02 - Failed Bankart Repair: Identifying the Cause and Choosing the Right Revision Strategy

Clara Azevedo, Portugal

7:05 AM ICL05.03 - Why Rotator Cuff Repairs Fail: Technical Errors, Biology, and Patient Factors

Andreas Voss, Germany

7:15 AM ICL05.04 - Revision Strategies After Failed Cuff: What Works and What Doesn't

Emmanouil Brilakis, Greece

7:25 AM Discussion/ Questions

Berte Bøe, Norway

6:45 AM - 7:45 AM

ICL06 - Management of Adults With a Displaced Unstable Fracture of the Distal Clavicle: Does It Have to Be Patient Specific?

Instructional Course Lecture

Track: *Shoulder Fracture*

202/204

Moderator: **Harvinder pal Singh, United Kingdom**

6:45 AM	ICL06.01 - Introduction to ICL and Newer Trials and Why This Is an Important Question Harvinder pal Singh, United Kingdom
6:55 AM	ICL06.02 - Epidemiology, Classifications Ilija Ban, Denmark
7:05 AM	ICL06.03 - Non-Operative Management: What Does the Evidence Say? Olof Wolf, Sweden
7:15 AM	ICL06.04 - Coracoclavicular Reconstruction for Distal Clavicle Fractures Deepthi Nandan Adla, India
7:25 AM	ICL06.05 - Pros and Cons, Plate and CC Reconstruction, Tips on Surgical Technique, When to Remove Implants Michael McKee, United States
7:35 AM	Case Based Discussion Harvinder pal Singh, United Kingdom

6:45 AM - 7:45 AM

ICL07 - The Latarjet Procedure: An International Perspective on Varying Techniques

Instructional Course Lecture

Track: *Shoulder Instability*

205/207

Moderator: **Andrew McBride, Australia**

6:45 AM	ICL07.01 - Latarjet Procedure; Old School Is Best. I Do It Open and Repair the Capsule Outside the Bone Block Lionel Neyton, France
6:58 AM	ICL07.02 - Latarjet the Australian Way. I Do It Open and Repair the Capsule Inside the Bone Block Greg Hoy, Australia
7:11 AM	ICL07.03 - Latarjet- I Do It Arthroscopic With 2 Screws and Don't Repair the Capsule. The Original Arthroscopic Latarjet Thibault Lafosse, France
7:24 AM	ICL07.04 - Latarjet- I Do It Arthroscopic With Buttons and Repair the Capsule Inside the Bone Block Pascal Boileau, France
7:37 AM	Group Discussion / Case Review Andrew McBride, Australia

6:45 AM - 7:45 AM

ICL08 - Modern Approaches in Total Elbow Arthroplasty: Four Techniques You Must Know

Instructional Course Lecture

Track: *Elbow Arthroplasty*

208/209

Moderator: **Andrea Celli, Italy**

6:45 AM	ICL08.01 - The Modified Lateral Para-Olecranon Approach for TEA Adam Watts, United Kingdom
6:57 AM	ICL08.02 - The Diamond Pop-up Approach Joaquin Sanchez-Sotelo, United States
7:09 AM	ICL08.03 - The Medial Column Approach for TEA Gregory Bain, Australia
7:21 AM	ICL08.04 - Anconeus-reflected Triceps Tongue Approach to Total Elbow Arthroplasty Andrea Celli, Italy
7:33 AM	Discussion Andrea Celli, Italy

6:45 AM - 7:45 AM

ICL09 - Rotator Cuff Tears in Emerging Economies: An Evidence-Based, Cost-Effective Surgical Pathway From Diagnosis to Safe and Optimum Results

Instructional Course Lecture

Track: *Rotator Cuff*

211

Moderator: **Josué Giovanni Escutia-Garcia, Mexico**

6:45 AM	ICL09.01 - Resource-Stratified Diagnosis: Clinical Exam + Ultrasound-First Strategies, When MRI Changes Management. Fernando Hiramuro-Shoji, Mexico
6:54 AM	ICL09.02 - Indications, Timing, and Repairability in Delayed Presentations: Avoiding "Expensive Failures," Counseling, and Triage Ariel De La Rosa-Guerrero, Mexico
7:03 AM	ICL09.03 - Cost-Conscious Repair Constructs: Single-Row vs Double-Row Value Logic, Minimizing Disposables, and Open vs Arthroscopic Value Considerations Ivan Encalada, Mexico
7:12 AM	ICL09.04 - Irreparable Tears in Real Life: Partial Repair, Tendon Transfers, Bridging/SCR Concepts, RSA Thresholds—What Is Realistic and Long-Lasting Humberto Arrué, Panama
7:21 AM	Discussion Josué Giovanni Escutia-Garcia, Mexico

6:45 AM - 7:45 AM

ICL10 - Rotator Cuff Repair Augmentation

Instructional Course Lecture

Track: *Rotator Cuff*

212/214

Moderator: **Peter Chalmers, United States**

6:45 AM	ICL10.01 - Pharmacological Augmentation in Rotator Cuff Repair Jakob Schanda, Austria
6:55 AM	ICL10.02 - Bovine Collagen Augmentation of Rotator Cuff Repair Michael O'Brien, United States
7:05 AM	ICL10.03 - Patch Interposition in Rotator Cuff Repair Yang-Soo Kim, Republic of Korea
7:15 AM	ICL10.04 - Superior Capsular Augmentation of Rotator Cuff Repair Nobuyuki Yamamoto, Japan
7:25 AM	Rotator Cuff Repair Augmentation Cases and Discussion Peter Chalmers, United States

6:45 AM - 7:45 AM

ICL11 - Management of Shoulder Prosthetic Joint Infection: An International Perspective

Instructional Course Lecture

Track: *Shoulder Arthroplasty*

220/222

Moderator: **Surena Namdari, United States**

ICL11.01 - Defining Shoulder PJI: Findings of the 2025 International Consensus Meeting
Robert Tashjian, United States

ICL11.02 - Interpretation of Culture Results and Antibiotic Utilization in Treatment of Shoulder PJI
Carlos Torrens, Spain

ICL11.03 - Single-Stage Revision and Single-Admission, Multiple-Stage Revision: Indications and Results
Jason Hsu, United States

ICL11.04 - The Role for a Traditional Two-Stage Revision: Techniques and Outcomes
Mark Falworth, United Kingdom

Discussion
Surena Namdari, United States

6:45 AM - 7:45 AM

ICL12 - Tendon Transfers to Treat Irreparable Rotator Cuff Tears

Instructional Course Lecture

Track: *Rotator Cuff*

223/224

Moderator: **Eric R. Wagner, United States**

6:45 AM ICL12.01 - Posterosuperior Irreparable Tear: Technical Tips to Performing the Arthroscopic Lower Trapezius Transfer
Bassem Elhassan, United States

6:53 AM ICL12.02 - Posterosuperior Irreparable Tear: Technical Tips to Performing the Arthroscopic Latissimus Transfer
Karl Wieser, Switzerland

7:01 AM ICL12.03 - Anterosuperior Irreparable Tear: How I Perform the Latissimus Transfer to Augment Internal Rotation and Stability
Chang Hee Baek, Republic of Korea

7:09 AM ICL12.04 - When Bone Is Also Involved: The Lower Trapezius Transfer Bone Block Procedure
Eugene Ek, Australia

7:17 AM Case Controversies
Eric R. Wagner, United States

8:00 AM - 8:45 AM

Opening Ceremony

West Ballroom AB

8:50 AM - 9:20 AM

IHL01 - Neer Lectureship - Mark Frankle - Survival. Resilience. Thriving. Before Innovation...There is Survival. Before Progress...There is Resistance.

Invited Honorary Lecture

West Ballroom AB

8:50 AM IHL01.01 - Survival. Resilience. Thriving. Before Innovation... There is Survival. Before Progress... There is Resistance.
Mark Frankle, United States

9:30 AM - 11:00 AM

ES01 - Shoulder Arthroplasty: Long Term Outcomes

Education Session

Track: *Shoulder Arthroplasty*

109/110

Moderators: **Pascal Boileau, France; Mark Frankle, United States; Alberto Rivera Rosado, Puerto Rico**

9:30 AM	ES01.01 - Case-Based Panel Discussion #1 Pascal Boileau, France Giovanni Di Giacomo, Italy Thomas Duquin, United States Mark Frankle, United States Diane Nam, Canada Jae-Chul Yoo, Republic of Korea
9:50 AM	ES01.02 - Root Cause Analysis of Failed Primary Shoulder Arthroplasties Reveals a High Rate of Underlying Technical Errors Jie Yao, United States
9:54 AM	ES01.03 - Augmented Anatomic Versus Augmented Reverse Total Shoulder Arthroplasty for Primary Glenohumeral Osteoarthritis: A Registry-Based Comparison of 5-Year Outcomes Bryan Soth, United States
9:58 AM	ES01.04 - Failure Mechanisms of Hybrid Cage Glenoid in Anatomic TSA: A Retrieval and Radiographic Case Series Stefan Bauer, Switzerland
10:02 AM	ES01.05 - Achieved Reconstruction Geometry Influences Outcomes After Reverse Shoulder Arthroplasty Eric R. Wagner, United States
10:06 AM	ES01.06 - A Novel Design All-Polyethylene Glenoid Paired With an Elliptical Shaped Stemless Humeral Head Demonstrates Very Low Rates of Glenoid Loosening at Minimum 5 Years Steven Goldberg, United States
10:10 AM	Discussion/Q&A Mark Frankle, United States
10:15 AM	ES01.07 - Reverse Shoulder Arthroplasty Compares to Anatomic Shoulder Arthroplasty for Primary Glenohumeral Osteoarthritis at 2 and 5 Years: A Propensity Score-Matched Analysis Kathleen Leinweber, United States
10:19 AM	ES01.08 - Radiologic and Clinical Outcomes of Augmented Versus Conventional Glenoid Components in Reverse Total Shoulder Arthroplasty Minsu Lim, Republic of Korea
10:23 AM	ES01.09 - Radiographical Analysis and Humeral Complications of the SMR Uncemented Stem in IB-RSA: 5 to 15 Years Follow-up Alessandro Castagna, Italy
10:27 AM	ES01.10 - Glenohumeral Range of Motion After Reverse Total Shoulder Arthroplasty - Is Postoperative Stiffness an Issue? Florian Freislederer, Switzerland
10:31 AM	ES01.11 - Glenoid Component Shift Commonly Occurs Without Evidence of Radiographic Implant Loosening Following Anatomic Total Shoulder Arthroplasty: Minimum 5-Year Three-Dimensional Computed Tomography Analysis Eric Ricchetti, United States

10:35 AM **Discussion/Q&A**

Alberto Rivera Rosado, Puerto Rico
Mark Frankle, United States

10:40 AM **ES01.12 - Case-Based Panel Discussion #2**

Pascal Boileau, France
Philippe Collin, France
Mehmet Demirhan, Turkey
Alexandre Lädermann, Switzerland
Gregory Nicholson, United States
Stephanie Muh, United States

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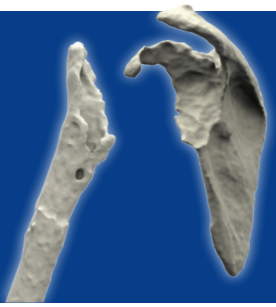
M.O.R.E. INSTITUTE

VISIT BOOTH #203
DURING THE MORNING BREAK
FOR **DAILY PRODUCT DEMONSTRATIONS**

PRECISE PLANNING: PLAN FOR SUCCESS WITH MYSHOULDER™ PLANNER IN PRIMARY & REVISION CASES

Wednesday, September 23 | 11:00 - 11:30 AM
Faculty: Matthew Saltzman (US) & Sumit Raniga (AU)



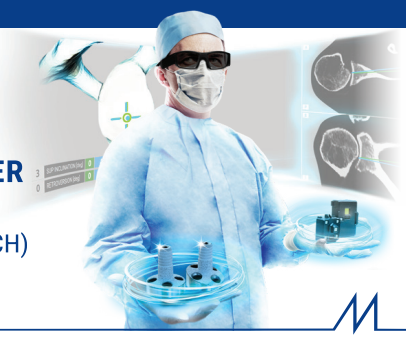


MANAGING THE UNPREDICTABLE: HUMERAL AND GLENOID SOLUTIONS FOR COMPLEX CASES

Thursday, September 24 | 11:00 - 11:30 AM
Faculty: Ryan Krupp (US) & Ashish Gupta (AU)

MILLIMETERS MATTER: NAVIGATING COMPLEX GLENOID DEFORMITY & REVISIONS WITH NEXTAR™ SHOULDER

Friday, September 25 | 11:00 - 11:30 AM
Faculty: John-Erik Bell (US) & Matthias Zumstein (CH)



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9:30 AM - 11:00 AM

ES02 - The Athletes' Elbow

Education Session

Track: *Elbow*

114/115

Moderators: **Chris Schmidt, United States; Kenneth Faber, Canada; Christopher Camp, United States**

9:30 AM	**ES02.01 - Lecture - OCD of Elbow: Where Are We in 2026?** Kozo Shimada, Japan
9:38 AM	**ES02.02 - Technique Video - UCL Repair and Reconstruction** Peter Chalmers, United States
9:46 AM	**ES02.03 - Technique Video - Allograft Osteochondral Grafts of OCD** Raffy Mirzayan, United States
9:54 AM	**ES02.04 - Osteochondritis Dissecans Lesions of the Elbow in Adolescent Athletes: Public Health-Directed Education via Point-of-Care Ultrasound Screening** Kristin Yu, United States
9:58 AM	**ES02.05 - Return to Play and Performance Following Revision Ulnar Collateral Ligament Reconstruction in Major League Baseball Pitchers** Michael Mastroianni, United States
10:02 AM	**ES02.06 - Mechanism and Prevalence of Isolated Flexor-Pronator Muscle Injuries in Baseball Athletes: Association Between Throwing-Phase Popping Sensation and MRI Findings** Shota Hoshika, Japan
10:06 AM	**ES02.07 - Clinical Outcomes of Osteochondral Autograft Transfer for Capitellar OCD by Lesion Location** Ryunosuke Abe, Japan
10:10 AM	**ES02.08 - Platelet-Rich Plasma Does Not Improve Pain or Function in Patients With Lateral Epicondylitis as Compared With Placebo: A Meta-Analysis of Randomized Clinical Trials** Ramon Santos, Brazil
10:14 AM	**ES02.09 - Does Combined Polydeoxyribonucleotide Improve the Outcome of Extensor Muscle Strengthening Exercise With Extracorporeal Shockwave Therapy for Lateral Epicondylitis of Elbow?: A Randomized Controlled Trial** Jung-Taek Hwang, Republic of Korea
10:18 AM	**Discussion/Q&A** Chris Schmidt, United States Kenneth Faber, Canada
10:30 AM	**ES02.10 - Case-Based Panel Discussion** Christopher Camp, United States Kozo Shimada, Japan Chris Schmidt, United States Peter Chalmers, United States Raffy Mirzayan, United States

9:30 AM - 11:00 AM

ES03 - International Perspectives: Africa

Education Session

Track: *International Perspectives*

205/207

Moderators: **Leon Rajah, South Africa; Abdelsalam Eid, Egypt; Mohamed Kotb, Egypt; Stephen Roche, South Africa; Michael Mulder, South Africa; Basim Fleega, Egypt; Yasser El Safoury, Egypt**

9:30 AM	**ES03.01 - A History of Shoulder and Elbow Surgery in Africa - From Antiquity to Today** Basim Fleega, Egypt
9:40 AM	**Discussion** Abdelsalam Eid, Egypt Mohamed Kotb, Egypt
9:45 AM	**African Research Perspectives** Stephen Roche, South Africa Leon Rajah, South Africa
9:45 AM	**ES03.02 - African Perspectives on the Latarjet Procedure for Treatment of Shoulder Instability** Jean-Pierre du Plessis, South Africa
9:55 AM	**ES03.03 - African Research on Augmentation of Rotator Cuff Repair** Yasser El Safoury, Egypt
10:05 AM	**ES03.04 - Perspectives on Planning for Arthroplasty in LMIC Countries** Michael Mulder, South Africa
10:10 AM	**To Be Confirmed**
10:15 AM	**Case Presentation Addressing Pathology and Techniques Unique to and From Africa** Michael Mulder, South Africa
10:15 AM	**ES03.05 - Creating a Custom-Designed Implant to Address Massive Glenoid Bone Loss in a LMIC-A South African Story** Heckroodt Laubscher, South Africa
10:25 AM	**ES03.06 - Chronic Anterior Shoulder Dislocation** Pududu Rachuene, South Africa
10:35 AM	**Quickfire Case Presentation on Pathology and Innovative Surgical Options from Egypt** Basim Fleega, Egypt Yasser El Safoury, Egypt
10:35 AM	**ES03.07 - Recurrent Posterior Dislocation in a 7-Year-Old** Mahmoud Habib, Egypt
10:40 AM	**ES03.08 - Three-Part Displaced Proximal Humerus Fracture in a 65-Year-Old Osteoporotic Patient (New Vision)** Moataz El Deeb, Egypt
10:45 AM	**ES03.09 - Massive Rotator Cuff Tear With the Presence of Biceps Tendon in a 62-Year-Old Patient Who Does Not Want a RSR or Open Surgery** Ahmed Abdelaziz
10:50 AM	**ES03.10 - Recurrent Posterior Shoulder Dislocation With Large Reverse Hill-Sachs and a Bony Bankart Lesion in a 55-Year-Old Patient Who Wants to Be Treated Arthroscopically** Sherif Elghamry, Egypt
10:55 AM	**ES03.11 - Closure** Yasser El Safoury, Egypt

9:30 AM - 11:00 AM

ES04 - Pediatric Elbow Issues

Education Session

Track: *Elbow*

212/214

Moderators: **Andrea Chan, Canada; Lisa Lattanza, United States; Kemble Wang, Australia**

9:30 AM	ES04.01 - Lecture - Complications of Pediatric Supracondylar Fractures Kemble Wang, Australia
9:38 AM	ES04.02 - Technique Video - Supracondylar Osteotomy of the Elbow Jeffrey Pike, Canada
9:46 AM	ES04.03 - Technique Video - Management of Missed Monteggia Fractures Lisa Lattanza, United States
9:54 AM	ES04.04 - Nishinaka's CT Classification for Capitellar Osteochondritis Dissecans: Association With Intraoperative Instability and the Empty Sign Yoichi Horike, Japan
9:58 AM	ES04.05 - Rise in Radial Head Arthroplasty Utilization in Young Patients: An Analysis of the Nationwide Ambulatory Surgery Sample Sarah Larson, United States
10:02 AM	ES04.06 - Inconsistent Reporting Undermines Evidence for Platelet-Rich Plasma in Orthopaedic Practice: A Systematic Review of 337 Randomized Control Trials Ashraf Hantouly, Canada
10:06 AM	ES04.07 - Preoperative Elbow Range of Motion Correlates With 3D CT-Measured Capitellar OCD Extent and Position Valeria Vismara, Italy
10:10 AM	ES04.08 - Lesion-Specific Surgical Management and Outcomes of Extensive Osteochondritis Dissecans of the Humeral Capitellum Masahiro Maruyama, Japan
10:14 AM	ES04.09 - MRI Analysis of the Development and Ossification of the Coronoid Process in Children Joideep Phadnis, United Kingdom
10:18 AM	Discussion/Q&A Andrea Chan, Canada Lisa Lattanza, United States
10:30 AM	ES04.10 - Case-Based Panel Discussion Kemble Wang, Australia Andrea Celli, Italy Andrea Chan, Canada Lisa Lattanza, United States Jeffrey Pike, Canada

9:30 AM - 11:00 AM

ES05 - All Things Clavicle

Education Session

Track: *Shoulder Fracture*

220/222

Moderators: **Logan Kolakowski, United States; Federico Alfano, Spain; Michael McKee, United States**

9:30 AM	**ES05.01 - Lecture - State of the Art in 2026, When to Fix and When to Leave?** Richard Lloyd, New Zealand
9:38 AM	**ES05.02 - Technique Video - ORIF Mid-Shaft Clavicle - How I Make It Look Easy** Eugene Ek, Australia
9:46 AM	**ES05.03 - Technique Video - Lateral Clavicle Fractures - Subcoracoid Augmentation, Plates, Sutures - My Pearls for Success** Yaiza Lopiz, Spain
9:54 AM	**ES05.04 - Prevalence of Supraclavicular Nerve Injury Following Surgical Treatment of Midshaft Clavicle Fractures: A Comparative Study Between ORIF and MIPO** Vitor La Banca, Brazil
9:58 AM	**ES05.05 - Clinical Characteristics and Diagnostic Accuracy of First Rib Stress Fractures in Baseball Players: A Comparative Study With Non-Fracture Cases** Hideki Kamijo, Japan
10:02 AM	**ES05.06 - Locking Plate With Cerclage Wiring Versus Hook Plate Fixation for Unstable Distal Clavicle Fractures: Is There Still a Role for Hook Plates?** Hyungsuk Kim, Republic of Korea
10:06 AM	**ES05.07 - The Role of Relative Body Weight and Absolute Bench Press Weight in Pectoralis Major Tendon Rupture** Bryan Adams, United States
10:10 AM	**ES05.08 - Misdiagnosed Adolescent Lateral Clavicle Physeal Fracture - Identification and Surgical Treatment** Alexander Malone, New Zealand
10:14 AM	**Discussion/Q&A** Logan Kolakowski, United States Federico Alfano, Spain
10:30 AM	**ES05.09 - Case-Based Panel Discussion** Michael McKee, United States Federico Alfano, Spain Emilio Calvo, Spain Eugene Ek, Australia Yaiza Lopiz, Spain Jonathan Ng, Hong Kong

9:30 AM - 11:00 AM

ES06 - Anterior Shoulder Stabilization: Soft Tissue Techniques

Education Session

Track: *Shoulder Instability*

223/224

Moderators: **Tjarco Alta, Netherlands; Pedro Peláez, Mexico; David Dines, United States**

9:30 AM	ES06.01 - Technique Video - Open Bankart Repair Augustus Mazzocca, United States
9:38 AM	ES06.02 - Technique Video - Dynamic Anterior Stabilization Clara Azevedo, Portugal
9:46 AM	ES06.03 - Technique Video - Arthroscopic Bankart Repair Cristobal Maccioni, Chile
9:54 AM	ES06.04 - Technique Video - Arthroscopic Remplissage Jarret Woodmass, Canada
10:02 AM	Discussion/Q&A Tjarco Alta, Netherlands Pedro Peláez, Mexico David Dines, United States
10:14 AM	ES06.05 - Latarjet vs. Bankart Repair With Hill-Sachs Remplissage for Anterior Shoulder Instability in Case of Minimal Glenoid Bone Loss: A Matched Cohort Analysis From the French Arthroscopic Society. Nicolas Bonnevialle, France
10:18 AM	ES06.06 - MRI Evaluation of Remplissage Integrity and Functional Outcomes at Mean 7.6-Year Follow-up Albert Lin, United States
10:22 AM	ES06.07 - Evaluation of Glenoid Remodeling Within 1 Year After Arthroscopic Bony Bankart Repair Takashi Inoue, Japan
10:26 AM	ES06.08 - Long Term Outcomes of Arthroscopic Bankart Repair for Traumatic Anterior Shoulder Instability: Influence of Capsular Morphology and Its Correlation With Ligament Laxity Sanjay Desai, India
10:30 AM	ES06.09 - Arthroscopic Bankart Repair With Remplissage: A Functional and Isokinetic Analysis in Patients With Treated Engaging Hill-Sachs Lesions Stephane Jabre, Belgium
10:34 AM	Discussion/Q&A Tjarco Alta, Netherlands Pedro Peláez, Mexico David Dines, United States
10:39 AM	ES06.10 - Navigating the "Gray Zone" of Glenoid Bone Loss: An Interpretable AI Framework for Recurrence Risk Mapping After Bankart Repair Hui Zhang, Germany
10:43 AM	ES06.11 - Inlay Dynamic Anterior Stabilization of the Shoulder Using All Suture Anchor Ricardo Mendes, Brazil

10:47 AM ES06.12 - Arthroscopic Bankart Repair With Hill-Sachs Remplissage Demonstrates Low Recurrence and Excellent Outcomes for Primary and Revision Surgery at Long-Term Follow-up

Yash Sewpaul, United Kingdom

10:51 AM ES06.13 - Clinical Characteristics of Three Different Types of Posterior Labral Tears Without Glenohumeral Instability Based on Magnetic Resonance Images and Arthroscopic Findings

Sanghyeon Lee, Republic of Korea

10:55 AM Discussion/Q&A

Tjarco Alta, Netherlands
Pedro Peláez, Mexico
David Dines, United States

11:00 AM - 11:30 AM

Break/Visit Exhibitors/View ePosters

Break

West Ballroom CD

11:30 AM - 1:00 PM

ES07 - Controversies in Anatomic Shoulder Arthroplasty

Education Session

Track: *Shoulder Arthroplasty*

109/110

Moderators: **Charles Jobin, United States; Joo Han Oh, Republic of Korea; Deborah Higgs, United Kingdom**

11:30 AM	ES07.01 - Lecture - Maximize Success of Anatomic TSA April Armstrong, United States
11:38 AM	ES07.02 - Technique Video - How I Get the Humerus Right Every Time Olivier Verborgt, Belgium
11:46 AM	ES07.03 - Technique Video - How I Implant My Glenoid Component John Sperling, United States
11:54 AM	ES07.04 - Robotic Assisted Total Shoulder Arthroplasty - Analysis of Accuracy, Validation of Component Placement, and 90-Day Clinical Outcomes Thomas Duquin, United States
11:58 AM	ES07.05 - External Rotation Trade-Offs With Medialized and Lateralized Glenoids After RTSA Zaamin Hussain, United States
12:02 PM	ES07.06 - Posterior Glenohumeral Subluxation in Anatomic Total Shoulder Arthroplasty: A Comparative Analysis of Standard and Posteriorly Augmented Polyethylene Implants and Analysis of Risk Factors for Recurrent Subluxation Jay Keener, United States
12:06 PM	ES07.07 - Stemless Anatomical Shoulder Arthoplasty (ATSA) With Reverse Bearings (Modular Full Metal Glenoid) Reveals No Aseptic Loosening in Osteoarthritis With Intact Rotator Cuff in the Mid- to Long-Term Follow-up - Even in Biplanar Glenoid Deformity. Frank Gohlke, Germany
12:10 PM	ES07.08 - Anatomic Total Shoulder Arthroplasty Demonstrates Excellent Survivorship, but Long-Term Patient Satisfaction Is Not Universal: The Largest Single-Surgeon Series With =10-Year Follow-up Michael Kucharik, United States
12:14 PM	ES07.09 - Do Patients With Reported Metal Hypersensitivity Undergoing Primary Total Shoulder Arthroplasty Perform Better With Hypoallergenic or Non-Hypoallergenic Implants? Liam Kane, United States
12:18 PM	Discussion/Q&A Charles Jobin, United States Joo Han Oh, Republic of Korea
12:30 PM	ES07.10 - Case-Based Panel Discussion Deborah Higgs, United Kingdom Julie Bishop, United States Charles Getz, United States Charles Jobin, United States John Sperling, United States Joo Han Oh, Republic of Korea

11:30 AM - 1:00 PM

ES08 - Biceps and Triceps

Education Session

Track: *Elbow*

114/115

Moderators: **Amr Elmaraghy, Canada; Chris Schmidt, United States; Gregory Bain, Australia**

11:30 AM	**ES08.01 - Lecture - How I Manage the Partial Distal Biceps Tear** Gregory Bain, Australia
11:38 AM	**ES08.02 - Technique Video - Endoscopic Assisted Distal Biceps Repair** Enrico Guerra, Italy
11:46 AM	**ES08.03 - Technique Video - Arthroscopic Distal Triceps Repair** Felix Savoie, United States
11:54 AM	**ES08.04 - Age Is Not a Contraindication: Outcomes of Distal Biceps Tendon Repair in Elderly Patients** Aseel Dib, United States
11:58 AM	**ES08.05 - Do Nonoperatively Managed Partial Distal Biceps Tendon Tears Progress to Full Thickness Tears?** Matthew Schultz, United States
12:02 PM	**ES08.06 - Comparison of Complication Rates and Outcomes for Various Surgical Techniques for the Repair of Acute Distal Triceps Ruptures** Nick Aloi MD, United States
12:06 PM	**ES08.07 - Does a Muscle-Splitting Approach to Distal Biceps Repair Lead to Supinator Atrophy?** Edward Perera, Canada
12:10 PM	**ES08.08 - Reverse Docking Technique for Distal Biceps Reconstruction With Interposition Hamstring Graft** Minoo Patel, Australia
12:14 PM	**ES08.09 - Arthroscopic Triceps Tendon Repair** Felix Savoie, United States
12:18 PM	**Discussion/Q&A** Amr Elmaraghy, Canada Chris Schmidt, United States
12:30 PM	**ES08.10 - Case-Based Panel Discussion** Gregory Bain, Australia William Aibinder, United States Amr Elmaraghy, Canada Minoo Patel, Australia Felix Savoie, United States Chris Schmidt, United States

11:30 AM - 1:00 PM

ES09 - Rotator Cuff Tears: The Basics

Education Session

Track: *Rotator Cuff*

205/207

Moderators: **Guido Fierro, Colombia; Paul Sethi, United States; Yaiza Lopiz, Spain**

11:30 AM	**ES09.01 - Lecture - Rotator Cuff Healing in 2026 - Are We Any Better Than We Were in 1980 at the 1st ICSS?** Scott Rodeo, United States
11:38 AM	**ES09.02 - Technique Video - Tear Pattern Recognition - Does it Matter and Impact Outcomes?** Anand Murthi, United States
11:46 AM	**ES09.03 - Technique Video - 5 Technical Pearls to Improve Cuff Repair Healing** Alberto Rivera Rosado, Puerto Rico
11:54 AM	**ES09.04 - High-Dose Statins Preserve Tendon-Bone Interface Healing Without Adversely Affecting Fatty Infiltration in a Rotator Cuff Repair Rat Model** Jong Pil Yoon, Republic of Korea
11:58 AM	**ES09.05 - Effectiveness of Digital Healthcare-Based Rehabilitation on Pain, Range of Motions, and Function Following Rotator Cuff Repair: A Randomized Prospective Study** Sung-Min Rhee, Republic of Korea
12:02 PM	**ES09.06 - Sensorimotor Training With Movement Representation Techniques for Rotator Cuff-Related Shoulder Pain: A Pilot Randomised Controlled Trial** Hio Leong, Hong Kong
12:06 PM	**ES09.07 - Good Containment of Atelocollagen Outperform Simple Repair in High Grade PASTA Lesions.** Jong-Hun Ji, Republic of Korea
12:10 PM	**ES09.08 - Comparative Responsiveness of Shoulder PROMs to Rotator Cuff Repair Surgery and Healing** Sambit Sahoo, United States
12:14 PM	**Discussion/Q&A** Guido Fierro, Colombia Paul Sethi, United States
12:30 PM	**ES09.09 - Case-Based Panel Discussion** Yaiza Lopiz, Spain Shannon Carpenter, United States Guido Fierro, Colombia William Mallon, United States Patric Raiss, Germany Paul Sethi, United States

11:30 AM - 1:00 PM

ES10 - Distal Humerus Fractures

Education Session

Track: *Elbow Fracture*

212/214

Moderators: **Hanna Bjornsson Hallgren, Sweden; Jason Strelzow, United States**

11:30 AM	**ES10.01 - Lecture - Coronal Shear Fractures of the Distal Humerus** Michael McKee, United States
11:38 AM	**ES10.02 - Technique Video - Hemiarthroplasty for Fracture** Hanna Bjornsson Hallgren, Sweden
11:46 AM	**ES10.03 - Technique Video - ORIF Distal Humerus** Jonah Hebert-Davies, United States
11:54 AM	**ES10.04 - Coronal Shear Fractures of the Distal Humerus: Characteristics and Patient Outcomes Following ORIF With Mean 21-Month Follow-up** Jennifer Tangtiphaiboontana, United States
11:58 AM	**ES10.05 - Biomechanical Evaluation of Compression Cross Screw Fixation for Low-Lying Osteoporotic Transcondylar Distal Humerus Fractures: A Finite Element Analysis** Amir Kachooei, United States
12:02 PM	**ES10.06 - Outcome of Salvage Elbow Hemiarthroplasty for Nonunion, Malunion and Failed Internal Fixation of Distal Humerus Fracture** Biagio Abate, Italy
12:06 PM	**ES10.07 - Total Elbow Arthroplasty for Unreconstructible Distal Humerus Fracture Sequelae in Patients Younger Than 40 Years: Long-Term Outcomes** Giuseppe Bardellini, Italy
12:10 PM	**ES10.08 - Mid-Term Outcome of Elbow Hemiarthroplasty Performed in a Tertiary Elbow Hub** Joideep Phadnis, United Kingdom
12:14 PM	**ES10.09 - Novel Joint Preserving Method for Post-Trauamatic Capitellum and Trochlea Loss in a Young Patient Presenting With Painful Stiff Elbow** Ram Chidambaram, India
12:18 PM	**Discussion/Q&A** Hanna Bjornsson Hallgren, Sweden
12:30 PM	**ES10.10 - Case-Based Panel Discussion** Jason Strelzow, United States Hanna Bjornsson Hallgren, Sweden Jonah Hebert-Davies, United States Michael McKee, United States Diane Nam, Canada Dominique Rouleau, Canada

11:30 AM - 1:00 PM

ES11 - The AC Joint from Acute to Chronic

Education Session

Track: *Shoulder Trauma*

220/222

Moderators: **Heckroodt Laubscher, South Africa; Martin Bouliane, Canada; Augustus Mazzocca, United States**

11:30 AM	**ES11.01 - Lecture - AC Joint Current Concepts in 2026** Maristella Saccomanno, Italy
11:38 AM	**ES11.02 - Technique Video - Acute AC Joint Repair** Gia Rodriguez, Spain
11:46 AM	**ES11.03 - Technique Video - AC Reconstruction with Clavicle Hook Plate** George Murrell, Australia
11:54 AM	**ES11.04 - Is Horizontal Stabilization Necessary in Chronic Acromioclavicular Reconstructions?** Maxime ANTONI, France
11:58 AM	**ES11.05 - The 11-Day Window: Time From Injury to Surgery as the Primary Predictor of Overreduction in Acute Type v Acromioclavicular Joint Dislocations** Nicolas Moran, Chile
12:02 PM	**ES11.06 - Functional, Radiological and Scapular Motion Evaluation of Surgical vs Conservative Treatment of Type III Acromioclavicular Dislocations: A Randomized Controlled Trial With 24 Months Follow-up** Paulo Belangero, Brazil
12:06 PM	**ES11.07 - Magnetic Resonance Imaging-Based Evaluation of Healing Status and Injury Sites of the Acromioclavicular Ligament Complex and Their Association With Reduction Loss After Hook Plate Fixation** Jung-Youn Kim, Republic of Korea
12:10 PM	**Discussion/Q&A** Heckroodt Laubscher, South Africa Martin Bouliane, Canada
12:25 PM	**ES11.08 - Case-Based Panel Discussion** Augustus Mazzocca, United States Tjarco Alta, Netherlands Eva Gusnowski, Canada Heckroodt Laubscher, South Africa Oke Anakwenze, United States Martin Bouliane, Canada

11:30 AM - 1:00 PM

ES12 - Anterior Shoulder Stabilization: Bone Augmentation

Education Session

Track: *Shoulder Instability*

223/224

Moderators: **Emilio Calvo, Spain; Chunyan Jiang, China; Fay Leung, Canada**

11:30 AM	**ES12.01 - Technique Video - Arthroscopic Latarjet** Paul Favorito, United States
11:38 AM	**ES12.02 - Technique Video - Open DTA** Seth Gamradt, United States
11:46 AM	**ES12.03 - Technique Video - Arthroscopic Free Bone Block** Abdulilah Hachem, Spain
11:54 AM	**ES12.04 - Technique Video - Arthroscopic Glenoid Rim Fracture Fixation** Paul Sethi, United States
12:02 PM	**Discussion/Q&A** Emilio Calvo, Spain Chunyan Jiang, China Fay Leung, Canada
12:14 PM	**ES12.05 - A Modified Arthroscopic Latarjet Technique With Limited Subscapularis Splitting and Capsular Reconstruction Versus the Classic Technique: Improved Clinical Outcomes at Mid-Term Follow-up** Pinxue Li, China
12:18 PM	**ES12.06 - Long-Term 3D CT Evaluation of Bone Graft Status After Latarjet in Patients With No or Minimal Preoperative Glenoid Bone Loss: 5-Year Follow-up** Lionel Neyton, France
12:22 PM	**ES12.07 - Fatty Infiltration of the Subscapularis Muscle After Latarjet Surgery: Fact or Myth? A Quantitative Evaluation Using Pre- and Postoperative Computed Tomography** Juan Felipe Peralta, Chile
12:26 PM	**ES12.08 - The Natural History of Bone Remodeling Following Arthroscopic Distal Tibial Allograft Glenoid Reconstruction: Five-Year CT Outcomes** Georgios Mamarelis, United Kingdom
12:30 PM	**ES12.09 - Both Linear and Area-Based Methods Provide an Accurate and Reliable Measurement of Anterior Shoulder Instability Related Glenoid Bone Loss** Hugo BARRET, France
12:34 PM	**Discussion/Q&A** Emilio Calvo, Spain Chunyan Jiang, China Fay Leung, Canada
12:39 PM	**ES12.10 - Outcomes of Arthroscopic Anterior Glenoid Bone Block Augmentation Using Metal-Free Suture Cerclage in Recurrent Anterior Shoulder Instability With Critical Anterior Bone Loss** Yacine Ameziane, Germany
12:43 PM	**ES12.11 - Partial Glenoid Arthroplasty as a Novel Alternative to Latarjet: Short-Term Radiologic Outcomes for Shoulder Instability With Substantial Glenoid Bone Loss** Hyung Jun Koo, Republic of Korea
12:47 PM	**ES12.12 - Early Radiographic Findings Are Not Associated With Instability for Reverse Shoulder**

Arthroplasty With a Metaphyseal Fixated Stem

Melissa Wright, United States

12:51 PM ES12.13 - Reduced Coracoid Osteolysis and High Functional Recovery With the SJ Buckler 3D-Printed PLA Coracoid Protector in Metal-Free Latarjet Fixation

Sujit Jos, India

12:55 PM Discussion/Q&A

Emilio Calvo, Spain
Chunyan Jiang, China
Fay Leung, Canada

1:00 PM - 2:30 PM

Lunch Break/Visit Exhibitors/View ePosters

Break

West Ballroom CD

1:30 PM - 2:30 PM

Industry Lunch Workshop - Advita Ortho - Advita Axis: Advancing Outcomes Through Collaborative Research

Industry Lunch Workshop

121/122

Moderators: **Ryan Simovitch, United States; Ian Byram, United States; Howard Routman, United States**

1:30 PM Advita Axis: Advancing Outcomes Through Collaborative Research

Nady Hamid, United States
Jonathan Levy, United States
Michael McKee, United States
Gabriella Ode, United States
Rick Papandrea, United States
Stephen Parada, United States
Kaveh Sajadi, United States
Bradley Schoch, United States
Mandeep Virk, United States
Thomas Wright, United States

1:30 PM - 2:30 PM

Industry Lunch Workshop - ConMed - Augmentation for Rotator Cuff Repair: A Global Perspective

Industry Lunch Workshop

208/209

Moderator: **Jeff Abrams, United States**

1:30 PM Augmentation for Rotator Cuff Repair: A Global Perspective

Ana Catarina Ângelo, Portugal
Brendan Sheehan, Canada
Bancha Chernchujit, Thailand
Mark Ross, Australia

1:30 PM - 2:30 PM

Industry Lunch Workshop - DePuy Synthes - INHANCE Shoulder System and INHANCE INTACT Tissue Sparing Solutions

Industry Lunch Workshop

202/204

1:30 PM INHANCE Shoulder System and INHANCE INTACT Tissue Sparing Solutions

Luke Austin, United States
Peter Chalmers, United States
Andrew Jawa, United States

1:30 PM - 2:30 PM

Industry Lunch Workshop - Smith & Nephew - Tendon Seam: Changing the Paradigm in Rotator Cuff Repair

Industry Lunch Workshop

118/120

Moderator: **Michael O'Brien, United States**

1:30 PM Tendon Seam: Changing the Paradigm in Rotator Cuff Repair

Christopher Klifto, United States
Scott Trenhaile, Canada
Howard Harris, United States
Patrick Connor, United States

1:30 PM - 2:30 PM

Industry Lunch Workshop - Stryker - Mako Shoulder: A New Standard in Arthroplasty

Industry Lunch Workshop

116/117

1:30 PM Mako Shoulder: A New Standard in Arthroplasty

Michael Amini, United States
Ruth Delaney, Ireland

1:30 PM - 2:30 PM

Industry Lunch Workshop - Zimmer Biomet - Two Sides, One Solution: Humeral and Glenoid Execution for TSA and RSA Utilizing the ROSA Shoulder Robotics Platform

Industry Lunch Workshop

211

1:30 PM Two Sides, One Solution: Humeral and Glenoid Execution for TSA and RSA Utilizing the ROSA Shoulder Robotics Platform

Thomas Duquin, United States
John Sperling, United States

2:45 PM - 4:15 PM

ES13 - Controversial Topics in Reverse Shoulder Arthroplasty

Education Session

Track: *Shoulder Arthroplasty*

109/110

Moderators: **Jon Barlow, United States; Joo Han Oh, Republic of Korea; Mark Falworth, United Kingdom**

2:45 PM **ES13.01 - Case-Based Panel Discussion**

Jon Barlow, United States
Marta Bosch Navarro, Spain
Mark Frankle, United States
Uma Srikumaran, United States
Lawrence Gulotta, United States
Andrew Jawa, United States

3:10 PM **ES13.02 - Influence of the Acetabularization Index on Early Functional and Radiographic Outcomes After Reverse Shoulder Arthroplasty**

Luís Pires, Portugal

3:14 PM **ES13.03 - Comparative Efficacy of Latissimus Dorsi and Teres Major vs. Pectoralis Major Tendon Transfers Combined With Exactech Equinoxe Reverse Total Shoulder Arthroplasty in Improving Internal Rotation: A Preliminary Result**

Chang Hee Baek, Republic of Korea

3:18 PM **ES13.04 - Reliability of the Classification for Assessing Hand Behind the Back Following Reverse Shoulder Arthroplasty**

Philippe Collin, France

3:22 PM **ES13.05 - Central Peg Versus Central Screw Glenoid Baseplate Fixation in Reverse Shoulder Arthroplasty for Osteoarthritis: Impact on Revision Rates in the AOANJRR**

Noemi Zaffaroni, Australia

3:26 PM **Discussion/Q&A**

Joo Han Oh, Republic of Korea

3:30 PM **ES13.06 - Case-Based Panel Discussion**

Mark Falworth, United Kingdom
Marta Bosch Navarro, Spain
Peter Domos, United Kingdom
Lawrence Gulotta, United States
Andrew Jawa, United States

3:55 PM **ES13.07 - Patients Return to Sport at Similar Rates Following Reverse and Anatomic Total Shoulder Arthroplasty: A Matched Cohort Study in Active Patients Younger Than 65 Years**

Anthony Finocchiaro, United States

3:59 PM **ES13.08 - Scapula Posture-Driven Biomechanics: Comparing 10° With 30° Humeral Retrotorsion in Reverse Shoulder Arthroplasty**

Mohammad Haddara, Australia

4:03 PM **ES13.09 - Can Active External Rotation Be Predictably Restored by Reverse Total Shoulder Arthroplasty Without Tendon Transfer?**

Jay Keener, United States

4:07 PM **ES13.10 - Scapulothoracic Orientation Determines Bony Impingement Patterns During Functional Internal Rotation After Reverse Total Shoulder Arthroplasty**

Philipp Moroder, Switzerland

4:11 PM **Discussion/Q&A**
Joo Han Oh, Republic of Korea

2:45 PM - 4:15 PM

ES14 - Elbow Arthroplasty

Education Session

Track: *Elbow Arthroplasty*

114/115

Moderators: **Yousif Atwan, Canada; Joaquin Sanchez-Sotelo, United States; Joideep Phadnis, United Kingdom**

2:45 PM **ES14.01 - Lecture - What Does Registry Data Tell Us About Outcomes of Total Elbow Arthroplasty**
Simon MacLean, New Zealand

2:53 PM **ES14.02 - Technique Video - Diamond Popup Approach for Unlinked Total Elbow Arthroplasty**
Shawn O'Driscoll, United States

3:01 PM **ES14.03 - Technique Video - Lateral Paraolecranon Approach for Linked Total Elbow Arthroplasty**
Graham King, Canada

3:09 PM **ES14.04 - Evaluation of Linking Mechanism in Convertible (Linked/Unlinked) Total Elbow Arthroplasty: A Biomechanical Cadaveric Study**
James Fitzsimmons, United States

3:13 PM **ES14.05 - Predictive Factors for Humeral and Ulnar Stem Loosening After TEA**
Akash Singh, United States

3:17 PM **ES14.06 - Coonrad-Morrey Total Elbow Arthroplasty Clinical and Radiological Outcomes After More Than 20 Years of Follow-up**
Hugo BARRET, France

3:21 PM **ES14.07 - Bone Ingrowth Primary and Revision Elbow Arthroplasty**
Marissa Dearden, United States

3:25 PM **ES14.08 - Outcomes of Total Elbow Arthroplasty in Patients Under 50**
Akash Singh, United States

3:29 PM **ES14.09 - Quantitative Motion Analysis of Total Elbow Arthroplasty With a Three-Dimensional Optoelectronic System: Results of 44 Patients at Medium Term Follow-up**
Andrea Amura, Italy

3:33 PM **Discussion/Q&A**
Yousif Atwan, Canada
Joaquin Sanchez-Sotelo, United States

3:45 PM **ES14.10 - Case-Based Panel Discussion**
Joideep Phadnis, United Kingdom
Yousif Atwan, Canada
Shawn O'Driscoll, United States
Matthew Ramsey, United States
Joaquin Sanchez-Sotelo, United States
Graham King, Canada

2:45 PM - 4:15 PM

ES15 - Rotator Cuff Tears: Natural History and Long-Term Outcomes

Education Session

Track: *Rotator Cuff*

205/207

Moderators: **Jay Keener, United States; Giuseppe Porcellini, Italy; Alexandre Lädermann, Switzerland**

2:45 PM	**ES15.01 - Case-Based Panel Discussion** Jay Keener, United States Frances Cuomo, United States Barbara Campos, Portugal Alexandre Lädermann, Switzerland Gabriella Ode, United States Giuseppe Porcellini, Italy
3:05 PM	**ES15.02 - Can Pre-Operative Shear Wave Elastography Predict Re-Tears in Rotator Cuff Repairs? A Prospective Cohort Study** Antonette Mariama Bilog, Australia
3:09 PM	**ES15.04 - The QUASR Ultrasound Grading Classification for Rotator Cuff Integrity Following Reverse Shoulder Arthroplasty and Its Association With Patient-Reported Outcomes** Anna Thomson, Australia
3:13 PM	**ES15.05 - Incidental Rotator Cuff Abnormalities on MRI in the General Population** Thomas Ibounig, Finland
3:17 PM	**ES15.06 - Volumetric Classification: Unveiling the True Extent of Rotator Cuff Lesions** Guilherme Stirma, Brazil
3:21 PM	**ES15.07 - Arthroscopic Lower Trapezius Tendon Transfer Yields Comparable Results to Reverse Shoulder Arthroplasty for Elderly (Age >65) Patients With Massive, Irreparable Posterosuperior Rotator Cuff Tears** Evan O'Donnell, United States
3:25 PM	**Discussion/Q&A** Giuseppe Porcellini, Italy
3:30 PM	**ES15.08 - Proteomic Signatures of Tendon Retear After Rotator Cuff Repair and Their Relationship to Structural MRI Predictors** Maurits Olthof, Switzerland
3:34 PM	**ES15.09 - Outcomes of Arthroscopic Muscle Advancement Procedure for Massive Retracted Rotator Cuff Tears** Kristine Italia, Australia
3:38 PM	**ES15.10 - Functional Outcomes After Lower Trapezius Transfer With Achilles Tendon Allograft for Irreparable Rotator Cuff Tears: A Systematic Review and Meta-Analysis** Guillermo E. Araujo Espinoza, Peru
3:42 PM	**ES15.11 - Establishing Clinical Thresholds of a Novel Subjective Shoulder Scale (S3) After Rotator Cuff Repair** Uma Srikumaran, United States
3:46 PM	**ES15.12 - Genetic Susceptibility to Rotator Cuff Tears: Evidence From a Population-Based Twin Study** Lars Frich, Denmark
3:50 PM	**Discussion/Q&A** Giuseppe Porcellini, Italy

3:55 PM **ES15.13 - Case-Based Panel Discussion**

Alexandre Lädermann, Switzerland
Leslie Barnes, United States
Fay Leung, Canada
Frederick Matsen, United States
Jin-Young Park, Republic of Korea
Olivier Verborgt, Belgium

2:45 PM - 4:15 PM

ES16 - International Perspectives: Latin America

Education Session

Track: *International Perspectives*

212/214

Moderators: **Guido Fierro, Colombia; Alberto Rivera Rosado, Puerto Rico**

2:45 PM	**Introduction** Guido Fierro, Colombia
2:50 PM	**ES16.01 - History of Shoulder & Elbow Surgery in Your Region** Osvandre Lech, Brazil
3:00 PM	**ES16.02 - Shoulder Stabilization: Latarjet in Contact Athletes** Arnaldo Ferreira Neto, Brazil
3:10 PM	**Discussion of Lectures 1&2 and Introduction of Scientific Presentations** Alberto Rivera Rosado, Puerto Rico
3:15 PM	**ES16.03 - Artificial Intelligence in Shoulder and Elbow Surgery** Jorge Rojas, Colombia
3:20 PM	**ES16.04 - Latin America Consensus on Massive Cuff Tears Management** Byron Torres, Ecuador
3:25 PM	**ES16.05 - Increasing Surgical Rate of Clavicle Fractures and Acromioclavicular Dislocations; Analysis Over the Last 15 Years Reveals Disparities in Access According to Insurance Type** Rodrigo Liendo, Chile
3:30 PM	**Discussion of 3 Scientific Presentations** Alberto Rivera Rosado, Puerto Rico
3:35 PM	**Case Presentation - Part I** Guido Fierro, Colombia
3:39 PM	**ES16.06 - Planning Reverse Shoulder Arthroplasty With or Without Software** Alberto Guevara, Mexico
3:44 PM	**ES16.07 - Hemiarthroplasty and Pyrocarbon in 2026** Juan David Lacouture, Colombia
3:49 PM	**ES16.08 - BIO-RSA: Functional Outcomes and Complications** Juan David Lacouture, Colombia
3:54 PM	**Case Presentation - Part II** Guido Fierro, Colombia
3:56 PM	**ES16.09 - MIO-RSA: Functional Outcomes and Complications** Felipe Reinares, Chile
4:01 PM	**ES16.10 - MIO-RSA vs BIO-RSA: What Does the Evidence Show?** Alberto Rivera Rosado, Puerto Rico
4:06 PM	**ES16.11 - Custom-Made Reverse Shoulder Arthroplasty** Joao Bonadiman, Brazil
4:11 PM	**Final Case Resolution** Guido Fierro, Colombia

2:45 PM - 4:15 PM

ES17 - Tell Me Your Pearls: Internal Fixation Techniques for Proximal Humerus Fractures

Education Session

Track: *Shoulder Fracture*

220/222

Moderators: **Bancha Chernchujit, Thailand; Jonah Hebert-Davies, United States; Carlos Torrens, Spain**

2:45 PM	**ES17.01 - Technique Video - Plate Fixation** Dominique Rouleau, Canada
2:53 PM	**ES17.02 - Technique Video - Intramedullary Nailing** Franz Kralinger, Austria
3:01 PM	**ES17.03 - Technique Video - New Plating Concepts** Michael McKee, United States
3:09 PM	**ES17.04 - Technique Video - Reverse For Fracture** Daniel You, Canada
3:17 PM	**Discussion/Q&A** Bancha Chernchujit, Thailand Jonah Hebert-Davies, United States Carlos Torrens, Spain
3:29 PM	**ES17.05 - Intramedullary Nailing Versus Locking Plate Fixation for 3- and 4-Part Proximal Humerus Fractures: A Multi-Center Retrospective Cohort Study** Sam Arnold, New Zealand
3:33 PM	**ES17.06 - Independent Validation of the Inter- and Intra-Observer Agreement for the Mayo-Fundación Jiménez Díaz (M-FJD) Classification for Proximal Humerus Fractures** Ignacio Correa, Chile
3:37 PM	**ES17.07 - Proximal Humerus Fractures: Can Treatment Be Predicted From Mayo-FDJ Criteria?** William Aibinder, United States
3:41 PM	**ES17.08 - In Intramedullary Nailing of Proximal Humerus Fractures, a More Medial and Posterior Starting Point Improves Alignment, and Alignment Improves With Surgeon Experience** Michael Amini, United States
3:45 PM	**ES17.09 - Clinical and Radiographic Results of Locking Plate With Medial Support Screw in Proximal Humerus Fracture - the More, the Better?** Ji-Hoon Choi, Republic of Korea
3:49 PM	**Discussion/Q&A** Bancha Chernchujit, Thailand Jonah Hebert-Davies, United States Carlos Torrens, Spain
3:54 PM	**ES17.10 - Predictive Factors for Poor Prognosis in Non-Surgical Treatment of Proximal Humerus Fractures in Elderly Patients** Rodrigo Beraldo, Brazil
3:58 PM	**ES17.11 - The Nordic DeltaCon Trial: Comparing Nonoperative Treatment and Reverse Total Shoulder Arthroplasty in Patients Aged 65 Years and Older With a Displaced Proximal Humerus Fracture: Results of a Prospective, Randomised Controlled Trial** Antti Launonen, Finland

4:02 PM **ES17.12 - Locking Plate Fixation With Cemented Screws or Reverse Shoulder Arthroplasty? Management of Complex Proximal Humerus Fractures in Elderly Population**

Emilio Calvo, Spain

4:06 PM **ES17.13 - Long-Term Outcomes of Inverted-Bearing Reverse Shoulder Arthroplasty With Large Polyethylene Glenospheres**

Stefan Bauer, Switzerland

4:10 PM **Discussion/Q&A**

Jonah Hebert-Davies, United States
Carlos Torrens, Spain
Bancha Chernchujit, Thailand

2:45 PM - 4:15 PM

ES18 - Failed Instability Surgery: Now What?

Education Session

Track: *Shoulder Instability*

223/224

Moderators: **Sara Edwards, United States; Osvandre Lech, Brazil; Sang-Jin Shin, Republic of Korea; Frank Cordasco, United States**

2:45 PM	**ES18.01 - Lecture - Failed Instability - How I Approach in 2026** Frank Cordasco, United States
2:53 PM	**ES18.02 - Technique Video - Arthroscopic Latarjet - Pearls and Pitfalls** Thibault Lafosse, France
3:01 PM	**ES18.03 - Technique Video - Arthroscopic Distal Tibial Allograft Augmentation - Here's How You Make it Look Like I Do It!** Ivan Wong, Canada
3:09 PM	**ES18.04 - Clinical Outcomes and Recurrence Rates After Arthroscopic Soft Tissue Stabilization With Selective Augmentations for Traumatic Anterior Shoulder Instability in Athletes Versus Non-Athletes With Subcritical Glenoid Bone Loss** Kyosun Hwang, Republic of Korea
3:13 PM	**ES18.05 - Medial Advancement of Infraspinatus Insertion via Remplissage Improves Shoulder Anterior Stability but Reduces Moment Arm in the Abduction and External Rotation Position: A Computational Study** Alan Reynolds, United States
3:17 PM	**ES18.06 - High Failure Rates of SLAP Repair for Type II SLAP Tears in Young, Active-Duty Military Patients at Minimum Ten-Year Follow-up** John Tyler, United States
3:21 PM	**ES18.07 - Clinical Outcomes and Recurrence Rate of Different Arthroscopic Bony Bankart Repair Based on Superoinferior Bony Fragment Size** Sanghyeon Lee, Republic of Korea
3:25 PM	**ES18.08 - 1- Arthroscopic Treatment of Reccurrent Anterior Shoulder Dislocation Children; Minimum 5 Years Follow Up** Basim Fleega, Egypt
3:29 PM	**ES18.09 - Revision Posterior Labral Repair: Outcomes and Risk Factors for Failure in an Active Military Population** Michael Deegan, United States
3:33 PM	**Discussion/Q&A** Sara Edwards, United States Osvandre Lech, Brazil Sang-Jin Shin, Republic of Korea
3:45 PM	**ES18.10 - Case-Based Panel Discussion** Frank Cordasco, United States Sara Edwards, United States Thibault Lafosse, France Osvandre Lech, Brazil Sang-Jin Shin, Republic of Korea Ivan Wong, Canada

4:30 PM - 5:00 PM

IHL02 - Morrey Lectureship - Adam Watts - Little Known Tracks

Invited Honorary Lecture

West Ballroom AB

4:30 PM IHL02.01 - Little Known Tracks
Adam Watts, United Kingdom

5:00 PM - 6:15 PM

S01 - The Elite Surgeon-Athlete: How to Up Your Performance and Well-Being

Symposium

West Ballroom AB

Moderator: **Christopher Camp, United States**

5:00 PM S01.01 - If You Want to Perform Well, You Need to Be Well
Christopher Camp, United States

5:10 PM S01.02 - How to Optimize Your Sleep: A Practical Guide for Busy Surgeons
Michael Howell, United States

5:25 PM S01.03 - Cognitive Overload: Widen the Gap Between Your Stress Level and Your Ability to Handle it
Justin Anderson, United States

5:40 PM S01.04 - Not Too Arrogant or Too Insecure: How to Be Appropriately Confident
Cathy Winter, United States

5:55 PM Discussion
Christopher Camp, United States

6:15 PM - 7:45 PM

Welcome Reception

West Ballroom CD

6:20 PM - 8:30 PM

International Women in Shoulder & Elbow Surgery Forum

Special Session

Track: *International Perspectives*

118/120

6:20 PM	**Registration, Arrivals and Information Networking**
6:30 PM	**Welcome Remarks** Stephanie Muh, United States Nathalie Bye, United Kingdom
6:35 PM	**President Welcome Remarks** April Armstrong, United States Anthony Miniaci, United States
6:45 PM	**The State of Women in Shoulder and Elbow Surgery: A European Perspective** Sara Edwards, United States
6:55 PM	**The State of Women in Shoulder and Elbow Surgery: A European Perspective** Deborah Higgs, United Kingdom
7:05 PM	**Introduction of Interactive Session** Stephanie Muh, United States
7:10 PM	**Table Talks: Topical Pearls**
7:10 PM	**Clinical Science** Clara Azevedo, Portugal Catherine Fedorka, United States Erica Kholinne, Indonesia
7:10 PM	**Ergonomics in Orthopaedics - Addressing Surgeons of All Sizes** Aparna Viswanath, United Kingdom Melissa Wright, United States
7:10 PM	**Professional Development in Societies and Industry** Lizzie Bond, New Zealand Deborah Higgs, United Kingdom Gabriella Ode, United States
7:10 PM	**NO PAIN Act** Ana Catarina Ângelo, Portugal Sara Edwards, United States Caroline Park, United States
7:10 PM	**Work-Life Balance** Shannon Carpenter, United States Sophie Grosclaude, France
7:50 PM	**Group Sharing and Discussion** Stephanie Muh, United States
8:25 PM	**Closing Remarks and Acknowledgement** Stephanie Muh, United States

THURSDAY, SEPTEMBER 24

6:00 AM - 8:00 AM

Breakfast/Visit Exhibitors/View ePosters

Break

West Ballroom CD

6:45 AM - 7:45 AM

ICL13 - Why is a Shoulder Stable? Scapular Morphology and Shoulder Stability

Instructional Course Lecture

Track: *Shoulder Instability*

109/110

Moderator: **Christian Gerber, Switzerland**

6:45 AM	Introduction	Christian Gerber, Switzerland
6:48 AM	ICL13.01 - Morphology of the Stable Shoulder	Jean-David Werthel, France
6:58 AM	ICL13.02 - Morphology of Posterior Instability	Christian Gerber, Switzerland
7:08 AM	ICL13.03 - Morphology of Anterior Instability: Current Concepts	Matthias Zumstein, Switzerland
7:18 AM	ICL13.04 - Stability and the Pathway to Osteoarthritis	Benjamin Zmistowski, United States
7:28 AM	Discussions & Concluding Remarks	Christian Gerber, Switzerland

6:45 AM - 7:45 AM

ICL14 - Management of Massive Humeral Bone Loss in Revision Shoulder Arthroplasty

Instructional Course Lecture

Track: *Shoulder Arthroplasty*

114/115

Moderator: **Alberto Rivera Rosado, Puerto Rico**

6:45 AM	Introduction and Welcome Alberto Rivera Rosado, Puerto Rico
6:50 AM	ICL14.01 - Classifications of Massive Humeral Bone Loss in Revision Shoulder Arthroplasty and Treatment With Cementoplasty Francesco Franceschi, Italy
7:00 AM	ICL14.02 - Revision Shoulder Arthroplasty Allograft Prosthetic Composite in the Treatment of Major Humeral Bone Loss Catherine Fedorka, United States
7:10 AM	ICL14.03 - Revision Shoulder Arthroplasty With Massive Humeral Bone Loss: Management With Megaprosthesis Howard Routman, United States
7:20 AM	ICL14.04 - Clinical Outcomes of Revision Shoulder Replacement in the Setting of Major Humeral Bone Loss Pascal Boileau, France
7:30 AM	Case Discussions and Questions from Audience Alberto Rivera Rosado, Puerto Rico

6:45 AM - 7:45 AM

ICL15 - Current Management of the Chronic (Neglected) Elbow Dislocation: A Practical Step-by-Step Strategy to Restore a Functional Stable Arc of Motion

Instructional Course Lecture

Track: *Elbow Instability*

116/117

Moderator: **Josué Giovanni Escutia-Garcia, Mexico**

6:45 AM	ICL15.01 - Stage Severity of the Chronic Dislocated Elbow, and Decision-Making Algorithm Armando Tonatiuh Mondragon-Rodriguez, Mexico
6:54 AM	ICL15.02 - Open Reduction of the Neglected Elbow Dislocation: Surgical Exposure, Tissue Release, and Reconstruction Techniques Ivan Encalada, Mexico
7:03 AM	ICL15.03 - Elbow Stabilisation Methods and Postoperative Rehabilitation Protocols Shoaib Javaid, Pakistan
7:12 AM	ICL15.04 - Indications and Results of Total Elbow Arthroplasty in the Neglected Elbow Dislocation Mark Morrey, United States
7:21 AM	Discussion Josué Giovanni Escutia-Garcia, Mexico

6:45 AM - 7:45 AM

ICL16 - Anatomic TSA Will Rise Again! – Innovations, Technical Pearls, and Outcomes of the Forgotten Surgery

Instructional Course Lecture

Track: *Shoulder Arthritis*

118/120

Moderator: **Nady Hamid, United States**

6:45 AM	ICL16.01 - How Long Are They Lasting? Andrew McBride, Australia
6:55 AM	ICL16.02 - Cherry Picking- Indications for aTSA in 2026 Joo Han Oh, Republic of Korea
7:05 AM	ICL16.03 - 5 Technical Tips I Have Learned Over My Career to Hit a Home Run aTSA Jay Keener, United States
7:15 AM	ICL16.04 - Technological Innovations in aTSA Eric Ricchetti, United States
7:25 AM	Case Discussions Nady Hamid, United States

6:45 AM - 7:45 AM

ICL17 - Old Problem; New Solutions? Options for Massive Rotator Cuff Tears in 2026

Instructional Course Lecture

Track: *Rotator Cuff*

121/122

Moderator: **Mustafa Rashid, United Kingdom**

ICL17.01 - Rotator Cuff Augmentation: Know Your Options!

Grant Garrigues, United States

ICL17.02 - Arthroscopic Modified Debeyre-Patte Muscle Advancement for Retracted Rotator Cuff Tears: A Guide for Surgical Technique and Safe Adoption Into Your Practice

Katsumasa Nakazawa, Japan

ICL17.03 - Superior Capsular Reconstruction With Fascia Lata Autograft Reinforced With Synthetic Suture Patch: An Update on Surgical Technique, Rationale, and Early Clinical Outcomes

Teruhisa Mihata, Japan

ICL17.04 - Reverse Shoulder Arthroplasty for Massive Rotator Cuff Tears Without Arthropathy: What Is the Role and Expected Outcomes in 2026?

Andrew Jawa, United States

Discussion

Mustafa Rashid, United Kingdom

6:45 AM - 7:45 AM

ICL18 - Rotator Cuff Repair in 2026: What Every Shoulder Surgeon Must Know

Instructional Course Lecture

Track: *Rotator Cuff*

202/204

Moderator: **Guido Fierro, Colombia**

6:45 AM	ICL18.01 - Partial Rotator Cuff Tears. What Should We Do? Teo Seow Hui, Malaysia
6:55 AM	ICL18.02 - Systematic Repair of the Rotator Cuff Complete Tear - Hard Questions in Rotator Cuff Surgery: Facing the Controversies - Panel Discussion Guido Fierro, Colombia
7:05 AM	ICL18.03 - Optimal Anchor Positioning for Rotator Cuff Repair in 2026 Bancha Chernchujit, Thailand
7:15 AM	ICL18.04 - Transosseous Repair of the Rotator Cuff: What Are the Real Advantages Today? Uma Srikumaran, United States
7:25 AM	Discussion Guido Fierro, Colombia

6:45 AM - 7:45 AM

ICL19 - Women at the Forefront: A Global Female Perspective on Complex Shoulder Pathology

Instructional Course Lecture

Track: *Shoulder*

205/207

Moderator: **Clara Azevedo, Portugal**

6:45 AM	Welcome & Introduction Clara Azevedo, Portugal
6:47 AM	ICL19.01 - SCR Beyond the Technique: Clinical Outcomes and Prognostic Insights Erica Kholinne, Indonesia
6:57 AM	ICL19.02 - CuffMend, a Fast and Cost-Effective Technique for Rotator Cuff Repair Marina Alves, Brazil
7:07 AM	ICL19.03 - SCR With Fascia Lata Autograft - When, Where and How Ana Catarina Ângelo, Portugal
7:17 AM	ICL19.04 - Equity in Motion: Challenges and Outcomes of Shoulder Arthroplasty in Very Low-Income Populations Christine Silva, Brazil
7:27 AM	Interactive Panel Discussion - "What Would You Do?" Clara Azevedo, Portugal

6:45 AM - 7:45 AM

ICL20 - Preventable Errors and Technical Pitfalls in Elbow Trauma Surgery

Instructional Course Lecture

Track: *Elbow Fracture*

208/209

Moderator: **Armin Badre, Canada**

6:45 AM	ICL20.01 - The Most Commonly Missed Injury in Elbow Trauma: Coronoid and Anteromedial Facet Fractures Armin Badre, Canada
6:57 AM	ICL20.02 - Olecranon Fracture Fixation: Choosing the Right Technique for the Fracture Pattern to Minimize Complications Adam Watts, United Kingdom
7:09 AM	ICL20.03 - Radial Head Overstuffing: Recognition, Consequences and Salvage Deana Mercer, United States
7:21 AM	ICL20.04 - Principles of Distal Humerus Fixation: Why Constructs Fail Despite "Good" Implants and What Are My Bail Outs Jason Strelzow, United States
7:33 AM	Q&A and Discussions Armin Badre, Canada

6:45 AM - 7:45 AM

ICL21 - The Difficult Proximal Humerus Fracture - When and How to Fix, Nail, or Replace? And What to Do When It Fails?

Instructional Course Lecture

Track: *Shoulder Fracture*

211

Moderator: **Daniel You, Canada**

6:45 AM	ICL21.01 - Every Proximal Humerus Fracture Can Be Treated With a Locking Plate Jonah Hebert-Davies, United States
6:55 AM	Discussion/Questions Daniel You, Canada
7:00 AM	ICL21.02 - Don't Worry About the Rotator Cuff, Proximal Humerus Fractures Can Be Safely Nailed Jose Francisco Soza Rex, Chile
7:10 AM	Discussion/Questions Daniel You, Canada
7:15 AM	ICL21.03 - Your Elderly Patients Deserve Better than Non-op, Reverse for Fracture is the Answer Daniel You, Canada
7:25 AM	Discussion/Questions Daniel You, Canada
7:30 AM	ICL21.04 - When All Else Fails, Replace With Metal John Sperling, United States
7:40 AM	Discussion/Questions Daniel You, Canada

6:45 AM - 7:45 AM

ICL22 - Keys of Success in Latarjet Procedure

Instructional Course Lecture

Track: *Shoulder Instability*

212/214

Moderator: **Raul Barco, Spain**

ICL22.01 - Patient Selection: The Only True Issue

Dominique Rouleau, Canada

ICL22.02 - Arthroscopic Latarjet Procedure: The New Standard

Pierre Métais, France

ICL22.03 - Open Latarjet: A Step by Step Procedure to Succeed in, Almost, All Cases...

Geoffroy Nourissat, France

Discussion

Raul Barco, Spain

6:45 AM - 7:45 AM

ICL23 - Management of RTSA Complications - A Global Perspective

Instructional Course Lecture

Track: *Shoulder Arthroplasty*

220/222

Moderator: **William Levine, United States**

6:45 AM ICL23.01 - Case-Based Session

Ruth Delaney, Ireland
George Athwal, Canada
Joaquin Sanchez-Sotelo, United States
Chunyan Jiang, China

6:45 AM - 7:45 AM

ICL24 - Optimizing Internal Rotation Recovery After Reverse Total Shoulder Arthroplasty

Instructional Course Lecture

Track: *Shoulder Arthroplasty*

223/224

Moderator: **Philippe Collin, France**

ICL24.01 - How to Report Internal Rotation After RSA

Alexandre Lädermann, Switzerland

ICL24.02 - Retroversion, Inlay/Onlay, Sphere Size, Does the Implant Matter ?

Emilio Calvo, Spain

ICL24.03 - Does Body Posture Have an Impact?
Philipp Moroder, Germany
ICL24.04 - Importance of Subscapularis
Philippe Collin, France
Discussion
Philippe Collin, France

8:00 AM - 8:30 AM

IHL03 - Kessel Lectureship - Daniel Moya - 45 years in Shoulder Surgery: A Journey Through Change

Invited Honorary Lecture

West Ballroom AB

8:00 AM IHL03.01 - 45 years in Shoulder Surgery: A Journey Through Change
Daniel Moya, Argentina

8:30 AM - 9:20 AM

S02 - Total Elbow Arthroplasty - Will We Ever Trust This Procedure?

Symposium

Track: *Elbow Arthroplasty*

109/110

Moderators: **Raul Barco, Spain; Joaquin Sanchez-Sotelo, United States**

8:30 AM S02.01 - The Quest for a High-Performance Implant: Trials and Tribulations
Shawn O'Driscoll, United States

8:35 AM S02.02 - Preventing Infection in Elbow Replacement: What Should We Do in 2026 and Beyond?
Yaiza Lopiz, Spain

8:40 AM S02.03 - The Value of Registries to Understand Elbow Replacement Outcomes
Adam Watts, United Kingdom

8:45 AM S02.04 - Rapid Fire Debate: Arthroplasty for Fracture - TEA is Best (4 minutes)
Pierre Mansat, France

8:45 AM S02.05 - Rapid Fire Debate: Arthroplasty for Fracture - Hemiarthroplasty is Best (4 minutes)
Simon MacLean, New Zealand

8:53 AM S02.06 - Rapid Fire Debate: Exposures for Reconstruction - Lateral Paraolecranon for Every Case (4 minutes)
Graham King, Canada

8:53 AM S02.07 - Rapid Fire Debate: Exposures for Reconstruction - Are You Kidding Me? You Cannot See Well, You Cannot Unlink! All About Diamond Pop-Up! (4 minutes)
Joaquin Sanchez-Sotelo, United States

9:01 AM S02.08 - Case-Based Panel Discussion Around the World!
Joaquin Sanchez-Sotelo, United States
Saad Alqahtani, Saudi Arabia
Alessandra Colozza, Italy
Joideep Phadnis, United Kingdom
Pierre Mansat, France

8:30 AM - 9:20 AM

S03 - All Things Trauma

Symposium

Track: *Shoulder Fracture*

West Ballroom AB

Moderators: **Niloofar Dehghan, United States; Jon Barlow, United States**

8:30 AM	**S03.01 - In England, We Proved to the World That Surgery Is Not Needed for Proximal Humerus Fractures!** Peter Domos, United Kingdom
8:35 AM	**S03.02 - Why Are Nails So Good in the Land of Mozart?** Franz Kralinger, Austria
8:40 AM	**S03.03 - The Plates from the 90's Are Old by Now: New Plates for Gen Z** Markus Scheibel, Germany
8:45 AM	**S03.04 - Debate: Displaced Complex Fractures in Matures Adults - I Can Fix Them All... Successfully! (4 Minutes)** Margo Dirckx, United Kingdom
8:45 AM	**S03.05 - Debate: Displaced Complex Fractures in Matures Adults - No Way Jose: Gimme the Reverse (4 Minutes)** Eugene Ek, Australia
8:53 AM	**S03.06 - Debate: It Never Healed - I Can Fix Nonunions Reliably (4 Minutes)** Christian Spross, Switzerland
8:53 AM	**S03.07 - Debate: It Never Healed - How to Finally Decrease Complications After Reverse for Nonunion: What I Do Different! (4 Minutes)** Jose Francisco Soza Rex, Chile
9:01 AM	**S03.08 - Case-Based Panel Discussion Around the World!** Jon Barlow, United States Raul Barco, Spain Felipe Toro, Chile Matthias Zumstein, Switzerland

9:30 AM - 11:00 AM

ES19 - Alternate Bearing Surfaces in Shoulder Arthroplasty: Ceramics, Pyrocarbon, and Reverse Bearings

Education Session

Track: *Shoulder Arthroplasty*

109/110

Moderators: **Juan Aguilar, Spain; Lizzie Bond, New Zealand; William Aibinder, United States**

9:30 AM	**ES19.01 - Lecture - Pyrocarbon Hemiarthroplasty US Data** Armodios Hatzidakis, United States
9:38 AM	**ES19.02 - Lecture - Pyrocarbon Hemiarthroplasty Australia Data** Andrew McBride, Australia
9:46 AM	**ES19.03 - Lecture - Anatomic Ceramic on Polyethylene** Alessandro Castagna, Italy
9:54 AM	**ES19.04 - Lecture - RSA Polyethylene Glenoid on Metal Humerus** Jens Agneskirchner, Germany
10:02 AM	**Discussion/Q&A** Juan Aguilar, Spain Lizzie Bond, New Zealand William Aibinder, United States
10:14 AM	**ES19.05 - In-Vitro Glenoid Wear in Hemiarthroplasty: Metal Versus Ceramic** Andrew Davies, United Kingdom
10:18 AM	**ES19.06 - Long-Term Clinical Outcomes of Pyrocarbon Humeral Resurfacing Arthroplasty** Mark Ross, Australia
10:22 AM	**ES19.07 - Role of Glenoid Labrum in Pyrocarbon Humeral Head Hemiarthroplasty in Recreation of Suction Seal and Construct Stability** Hari Ankem, United States
10:26 AM	**ES19.08 - Revision Risk of Cross-Linked Versus Non-Crosslinked Polyethylene in Reverse Shoulder Arthroplasty: An Analysis of 63,502 Cases From a National Registry** David Gill, Australia
10:30 AM	**ES19.09 - The Impact of Glenoid Polyethylene Type, Humeral Head Size and Composition on Revision Risk Following Primary Anatomic Total Shoulder Arthroplasty for Osteoarthritis** David Gill, Australia
10:34 AM	**Discussion/Q&A** Juan Aguilar, Spain Lizzie Bond, New Zealand William Aibinder, United States
10:39 AM	**ES19.10 - Ream-and-Run Arthroplasty vs. Pyrocarbon Hemiarthroplasty: Are There Differences in Glenoid Medialization, Patient Reported Outcomes, and Revision Rate at Midterm Follow-up?** Stephen Daniels, United States
10:43 AM	**ES19.11 - Medium to longer term outcomes of the Ascension Pyrotitan surface replacement and Pyrocarbon hemiarthroplasty in the shoulder.** Michael Caughey, New Zealand

10:47 AM **ES19.12 - Intraoperative Fluoroscopy Improves Anatomic Reconstruction in Subscapularis-Sparing Pyrocarbon Hemiarthroplasty and Anatomic Total Shoulder Arthroplasty**

Micah Nieboer, United States

10:51 AM **ES19.13 - Recurrence of Posterior Subluxation after Stemless Anatomical Arthroplasty with Reverse Bearings (Full Metal Glenoid) in Osteoarthris with Intact Rotator Cuff and Increased Retroversion.**

Frank Gohlke, Germany

10:55 AM **Discussion/Q&A**

Juan Aguilar, Spain
Lizzie Bond, New Zealand
William Aibinder, United States

9:30 AM - 11:00 AM

ES20 - Elbow Stiffness: Bone, Soft Tissue, and Metal

Education Session

Track: *Elbow*

114/115

Moderators: **Margo Dirckx, United Kingdom; Yi Lu, China; Graham King, Canada**

9:30 AM	ES20.01 - Lecture - Capsular Contracture of the Elbow- Prevention and Management Kevin Hildebrand, Canada
9:38 AM	ES20.02 - Technique Video - Open Management of Elbow Stiffness Mark Cohen, United States
9:46 AM	ES20.03 - Technique Video - Arthroscopic Management of Elbow Stiffness Yi Lu, China
9:54 AM	ES20.04 - Clinical Impact of Radiographic Severity and Anatomical Location of Heterotopic Ossification on Elbow Motion in Post-Traumatic Stiffness Jia Guo, Republic of Korea
9:58 AM	ES20.05 - Post-Traumatic Rotational Elbow Stiffness: Mid-Term Clinical and Radiographic Outcomes in 87 Patients Treated Surgically Andrea Amura, Italy
10:02 AM	ES20.06 - Elbow Arthrodesis Continues to Be Associated With Poor Outcomes and a High Reoperation Rate Sean Clark, United States
10:06 AM	ES20.07 - Clinical Outcomes of Adjuvant Pre-Operative Single-Fraction 8 Gy VMAT Radiotherapy for Prevention of Recurrence of Elbow Heterotopic Ossification After Surgical Excision and Mobilization Deepthi Nandan Adla, India
10:10 AM	ES20.08 - Clinical Outcomes of Arthroscopic Release for Severe and Non-Severe Post-Traumatic Elbow Stiffness Jia Guo, Republic of Korea
10:14 AM	ES20.09 - Effects of Heterotopic Ossification of Medial Ulnar Collateral Ligaments on the Elbow Range of Motion Shawn O'Driscoll, United States
10:18 AM	Discussion/Q&A Margo Dirckx, United Kingdom Yi Lu, China
10:30 AM	ES20.10 - Case-Based Panel Discussion Graham King, Canada Margo Dirckx, United Kingdom Mark Cohen, United States Erica Kholinne, Indonesia Kevin Hildebrand, Canada Yi Lu, China

9:30 AM - 11:00 AM

ES21 - International Perspectives: Middle East

Education Session

Track: *International Perspectives*

205/207

Moderator: **Ziyad El Qirem, Jordan**

9:30 AM	Introduction Ziyad El Qirem, Jordan
9:35 AM	ES21.01 - History of Shoulder & Elbow Surgery in MENA Region Saeed Althani, United Arab Emirates
9:45 AM	To Be Confirmed
9:55 AM	Discussion of Previous Lectures and Introduction of Scientific Presentations Ziyad El Qirem, Jordan
10:00 AM	ES21.03 - The PRP Paradox: Widespread Use, Poor Reporting, Unclear Evidence Ashraf Hantouly, Canada
10:05 AM	ES21.04 - Tramadol Induced Shoulder Dislocation Ahmad Khater, Egypt
10:10 AM	ES21.05 - How Does the Arab Glenoid Compare? A Three-Dimensional CT Morphometric Study of 285 Shoulders Naser AlNusif, Kuwait
10:15 AM	ES21.06 - Posterior Instability - Modern Treatment Options Abdulilah Hachem, Spain
10:20 AM	Discussion of Scientific Presentations Ziyad El Qirem, Jordan
10:25 AM	Case Discussion: Unique Cases to Region Ziyad El Qirem, Jordan

9:30 AM - 11:00 AM

ES22 - Elbow: Lateral Instability

Education Session

Track: *Elbow Instability*

212/214

Moderators: **Luís Gomez-Vieira, Brazil; Michael O'Brien, United States; Jorge Rojas Liévano, Colombia**

9:30 AM	**ES22.01 - Lecture - Is LCL Instability Latrogenic in Lateral Epicondylosis?** Stefan Greiner, Germany
9:38 AM	**ES22.02 - Technique Video - Arthroscopic Assisted LCL Reconstruction** Cholwaish Chanlalit, Thailand
9:46 AM	**ES22.03 - Technique Video - Arthroscopic LCL Repair** Eugene Ek, Australia
9:54 AM	**ES22.04 - Transposition of the Local Extensor Fascia for Elbow Lateral Collateral Ligament Reconstruction: Results in a Group of Competitive Athletes** Giuseppe Bardellini, Italy
9:58 AM	**ES22.05 - Clinical Outcomes of Arthroscopic Repair to Lateral Epicondylitis of Humerus With Lateral Collateral Ligament Injury** Naoya Nishinaka, Japan
10:02 AM	**ES22.06 - The Effect of Radial Collateral Ligament Plication on Varus Stability in a Sequential Injury Model of the Lateral Elbow: A Biomechanical Study** Sang-Pil So, Republic of Korea
10:06 AM	**ES22.07 - Clinical Outcomes Following Split Anconeus Fascia Transfer for Lateral Ulnar Collateral Reconstruction** Aman Chopra, United States
10:10 AM	**ES22.08 - Results of Surgical Treatment for Chronic Posterolateral Elbow Instability: Monocentre Comparative Study Between Ligament Retensioning vs Lateral Collateral Ligament Reconstruction With Augmentation in a Consecutive Series of 57 Patients.** Beatrice Caressa, Italy
10:14 AM	**ES22.09 - Long-Term Clinical Outcomes of Arthroscopic Radial Lateral Collateral Ligament Plication (R-LCL) for Symptomatic Minor Instability of the Lateral Elbow (SMILE)** Valeria Vismara, Italy
10:18 AM	**Discussion/Q&A** Luís Gomez-Vieira, Brazil Michael O'Brien, United States
10:30 AM	**ES22.10 - Case-Based Panel Discussion** Jorge Rojas Liévano, Colombia Cholwaish Chanlalit, Thailand Eugene Ek, Australia Luís Gomez-Vieira, Brazil Stefan Greiner, Germany JeongWoo Kim, Republic of Korea

9:30 AM - 11:00 AM

ES23 - Proximal Humerus Fractures: Debates and Controversies

Education Session

Track: *Shoulder Fracture*

220/222

Moderators: **Ashish Babhulkar, India; Francesco Franceschi, Italy; Christopher Chuinard, United States; Ralph Hertel, Switzerland**

9:30 AM	ES23.01 - Lecture - Proximal Humerus Fracture 2026 - IM Nails May be Better than ORIF and RTSA! Michael Knudsen, United States
9:38 AM	ES23.02 - Technique Video - ORIF Proximal Humerus Fracture - 5 Pearls to Make it Reproducible Derek Cuff, United States
9:46 AM	ES23.03 - Technique Video - RTSA for Proximal Humerus Fractures - Keys to Success Karl Wieser, Switzerland
9:54 AM	ES23.04 - Cemented Versus Uncemented Humeral Stems in Reverse Shoulder Arthroplasty for Proximal Humerus Fractures: A Minimum Two-Year Follow-up Study Aron Kuroiwa, Chile
9:58 AM	ES23.05 - Cost-Effectiveness of Operative Versus Non-Operative Treatment for 2, 3 and 4 Part Proximal Humerus Fractures in Persons Aged 60 or More Antti Launonen, Finland
10:02 AM	ES23.06 - Effectiveness of Intramedullary Nailing vs Locked Plating (ORIF) in Adult Displaced Proximal Humerus Fractures: A Systematic Review and Meta-Analysis Burhan Mirza, United Kingdom
10:06 AM	ES23.07 - Resorption of the Greater Tuberosity After Surgical Treatment of Complex Humeral Head Fractures. Stefano Gumina, Italy
10:10 AM	ES23.08 - Primary Reverse Fracture Arthroplasty vs. Revision of Fracture Sequelae Using Reverse Shoulder Arthroplasty in Elderly Patients: Do Revision Procedures Lead to Inferior Clinical Outcomes? Malte Holschen, Germany
10:14 AM	ES23.09 - Acute vs Delayed Reverse Shoulder Arthroplasty for Complex Trauma - Early Intervention Is Best George Cross, United Kingdom
10:18 AM	Discussion/Q&A Ashish Babhulkar, India Francesco Franceschi, Italy Christopher Chuinard, United States
10:30 AM	ES23.10 - Case-Based Panel Discussion Ralph Hertel, Switzerland Ashish Babhulkar, India Francesco Franceschi, Italy Barbara Campos, Portugal Ali Maqdes, Kuwait Christopher Chuinard, United States

9:30 AM - 11:00 AM

ES24 - Scapulothoracic Pathology

Education Session

Track: *Shoulder*

223/224

Moderators: **Jean-David Werthel, France; Danny Goel, Canada; Eric R. Wagner, United States**

9:30 AM	**ES24.01 - Case-Based Panel Discussion** Jean-David Werthel, France Bassem Elhassan, United States Philipp Moroder, Switzerland Philippe Valenti, France Barbara Campos, Portugal
9:55 AM	**ES24.02 - Outcomes of Arthroscopic Pectoralis Minor Release, Scapulothoracic Decompression, and Scapuloplasty/Superomedial Scapular Border Resection for Snapping Scapula Syndrome** Ryan Lohre, United States
9:55 AM	**ES24.06 - Case-Based Panel Discussion** Bassem Elhassan, United States
9:59 AM	**ES24.03 - Safety, Clinical Outcomes, and Scapular Kinematic Changes After Arthroscopic Pectoralis Minor Release** Stefan Bauer, Switzerland
10:03 AM	**ES24.04 - Improvement in Scapular Alignment and Clinical Outcomes After Scapular-Stabilizing Rehabilitation in Baseball Players With Scapular Dyskinesis: A Three-Dimensional Wing Computed Tomography Analysis** Jae-Sung Park, Republic of Korea
10:07 AM	**ES24.05 - Glenoid Dysplasia Is Associated With Global Scapular and Acromial Morphologic Differences** Sierra Levene, United States
10:11 AM	**Discussion/Q&A** Danny Goel, Canada
10:15 AM	**ES24.06 - Case-Based Panel Discussion** Eric R. Wagner, United States Philipp Moroder, Switzerland Philippe Valenti, France Barbara Campos, Portugal
10:40 AM	**ES24.07 - Scapular Posture-Dependent Influences in Muscle Recruitment and Acromial Loading in a Native Shoulder?** Sumit Raniga, Australia
10:44 AM	**ES24.08 - Clinical Outcomes and Therapeutic Indications in Displaced Scapular Fractures: A Systematic Review of 1,673 Cases** Adriano Mendes Jr., Brazil
10:48 AM	**ES24.09 - Diagnostic Value of Bony Scapulothoracic Parameters for Snapping Scapula Syndrome** Philipp Vetter, Switzerland
10:52 AM	**ES24.10 - The Influence of Scapulothoracic Orientation on Glenoid Component Inclination in Reverse Total Shoulder Arthroplasty** Philipp Moroder, Switzerland

10:56 AM Discussion/Q&A
Danny Goel, Canada

11:00 AM - 11:30 AM

Break / Visit Exhibitors / View ePosters

Break

West Ballroom CD

11:30 AM - 1:00 PM

ES25 - Top Research in Arthroplasty

Education Session

Track: *Shoulder Arthroplasty*

109/110

Moderators: **Grant Garrigues, United States; Sameer Nagda, United States; Jose Francisco Soza Rex, Chile**

11:30 AM	**ES25.01 - Antibiotic Eluate Activity Over 60 Days Against C. acnes and Coagulase Negative Staph: An in vitro Analysis** Matthew DiPaola, United States
11:34 AM	**ES25.02 - Patient- and Implant-Related Predictors of Dislocation After Reverse Shoulder Arthroplasty - a Machine Learning Analysis** Jay Levin, United States
11:38 AM	**ES25.03 - Dynamic Scapular Lateral Shift After Reverse Shoulder Arthroplasty and Its Association With Functional Outcomes and External Rotation Loss** Burak Duymaz, Turkey
11:42 AM	**ES25.04 - Beyond Mechanics: Proprioceptive Deficits After Reverse Shoulder Arthroplasty and Their Impact on Shoulder Function** Burak Duymaz, Turkey
11:46 AM	**ES25.05 - Does the Subscapularis Repair Affect Outcomes Following Primary Reverse Shoulder Arthroplasty? 8-10 Year Follow up of Prospective Randomized Trial.** Yacine Ameziane, Germany
11:50 AM	**ES25.06 - Stem Retention and Infection Risk in Revision Reverse Shoulder Arthroplasty** Michael Moverman, United States
11:54 AM	**Discussion/Q&A** Grant Garrigues, United States Sameer Nagda, United States Jose Francisco Soza Rex, Chile
12:00 PM	**ES25.07 - Subscapularis Repair Improves Healing But Does Not Impact Clinical Outcomes Following Reverse Shoulder Arthroplasty With A 135° And Lateralized Glenoid Construct: Results Of A Randomized Controlled Trial** Evan Lederman, United States
12:04 PM	**ES25.08 - External Validation of the Shoulder Arthroplasty Smart (SAS) Score: Lower Ceiling Effect Than Legacy Scores After Primary Shoulder Arthroplasty** Brendan Shi, United States
12:08 PM	**ES25.09 - Range of Motion Survivorship After Anatomic Versus Reverse Total Shoulder Arthroplasty for Primary Osteoarthritis** Dan McMahon, United States
12:12 PM	**ES25.10 - Accuracy and Reliability of 3D Pre-Operative Templating in Shoulder Arthroplasty: A Systematic Review and Meta-Analysis of 5,460 Patients** Sandeep Nayar, United Kingdom
12:16 PM	**ES25.11 - Influence of Volume Replacement in Onlay Reverse Shoulder Arthroplasty on Post-Operative Outcomes.** Diego Lima, United States

12:20 PM **ES25.12 - The Lateralization and Distalization Shoulder Angles in Reverse Shoulder Arthroplasty Are Highly Sensitive to Arm Position and Viewing Angle**
Liam Kane, United States

12:24 PM **Discussion/Q&A**
Grant Garrigues, United States
Sameer Nagda, United States
Jose Francisco Soza Rex, Chile

12:30 PM **ES25.13 - Reconstruction of Massive Proximal Humerus Bone Loss: Reverse Allograft Prosthetic Composite Versus Endoprosthetic Reconstruction**
Eric R. Wagner, United States

12:34 PM **ES25.14 - Long Term Survival Outcomes Following Total Shoulder Arthroplasty: An Implant Level Analysis of Registry Data With More Than 13 Years Follow-up**
Saima Waseem, United Kingdom

12:38 PM **ES25.15 - Preoperative Injectable Testosterone Therapy Is Associated With Adverse Five-Year Outcomes After Total Shoulder Arthroplasty**
Jake Checketts, United States

12:42 PM **ES25.16 - Perioperative Outcomes Associated With Preoperative GLP-1 Receptor Agonists and SGLT2 Inhibitors in Total Shoulder Arthroplasty**
Ankit Choudhury, United States

12:46 PM **ES25.17 - Multicenter Study on the Efficacy of Patient Specific Shoulder Arthroplasty at 2 Year Follow Up**
Heckroodt Laubscher, South Africa

12:50 PM **ES25.18 - Outcomes of Biological and Metallic Glenoid Augmentation in Reverse Shoulder Arthroplasty, Evidence From the UK National Joint Registry**
Saima Waseem, United Kingdom

12:54 PM **Discussion/Q&A**
Grant Garrigues, United States
Sameer Nagda, United States
Jose Francisco Soza Rex, Chile

11:30 AM - 1:00 PM

ES26 - Neuropathies Around the Elbow

Education Session

Track: *Elbow Neurological*

114/115

Moderators: **Ana Catarina Ângelo, Portugal; Olawale Sogbein, Canada; Emilie Cheung, United States**

11:30 AM	**ES26.01 - Lecture - Ulnar Neuropathy of the Elbow: Help Me Decide Between Release or Transposition** Adrian Huang, Canada
11:38 AM	**ES26.02 - Technique Video - Radial Tunnel Syndrome: Embrace Controversy!** Amir Kachooei, United States
11:46 AM	**Lecture - Median Nerve Compression Syndrome in the Proximal Forearm: Pathology, Diagnosis, Surgical Technique and Results** Carlos Prada, Canada
11:58 AM	**ES26.04 - Functional Impairment Due to Painful Ulnar Neuritis Caused by Perineural Fibrosis Under the Anconeus Epitrochlearis Muscle in Athletes** Kristin Yu, United States
12:02 PM	**ES26.05 - Clinical Analysis of Diagnosed Thoracic Outlet Syndrome After Surgery for Cubital Tunnel Syndrome** Masahiro Yoneda, Japan
12:06 PM	**ES26.06 - Depression and Antidepressant Use Are Associated With Prolonged Recovery and Increased Opioid Dependence Following Ulnar Nerve Transposition** Favian Su, United States
12:10 PM	**ES26.07 - Outcomes and Intraoperative Findings of Revision Surgery for Failed Subcutaneous Transposition of the Ulnar Nerve** Giuseppe Bardellini, Italy
12:14 PM	**ES26.08 - How and When Is Medial Epicondylectomy Used During Cubital Tunnel Release? A Single-Institution Practice-Pattern Review** Carolyn Henein, United States
12:18 PM	**Discussion/Q&A** Ana Catarina Ângelo, Portugal Olawale Sogbein, Canada
12:30 PM	**ES26.09 - Case-Based Panel Discussion** Emilie Cheung, United States Ana Catarina Ângelo, Portugal Carlos Prada, Canada Olawale Sogbein, Canada Adrian Huang, Canada Amir Kachooei, United States

11:30 AM - 1:00 PM

ES27 - International Perspectives: Europe

Education Session

Track: *International Perspectives*

205/207

Moderators: **Christian Gerber, Switzerland; Bettina Hochreiter, Switzerland; Jean-David Werthel, France**

11:30 AM	**Introduction** Christian Gerber, Switzerland Bettina Hochreiter, Switzerland Jean-David Werthel, France
11:32 AM	**ES27.01 - History of Shoulder and Elbow Surgery in Europe** Alessandro Castagna, Italy
11:42 AM	**ES27.02 - Scapular Morphology and Its Role in the Development of Eccentric Osteoarthrits** Christian Gerber, Switzerland
11:57 AM	**Discussion of Lectures 1&2 and Introduction of Scientific Presentations** Bettina Hochreiter, Switzerland Christian Gerber, Switzerland Jean-David Werthel, France
12:07 PM	**ES27.03 - 3 Dimensional Geometry of the Normal Scapula** Jean-David Werthel, France
12:14 PM	**ES27.04 - Zoledronic Acid Augmentation for Rotator Cuff Repair** Jakob Schanda, Austria
12:21 PM	**ES27.05 - Development and Insights Into a European PJI Registry** Carlos Torrens, Spain
12:28 PM	**ES27.06 - Novel Techniques for Mechanical Tendon Augmentation (Fiberlocker)** Bettina Hochreiter, Switzerland
12:35 PM	**ES27.07 - Proximal Humerus Fractures - Decision Making in 2026** Christian Spross
12:42 PM	**ES27.08 - Unmasking the Mechanics: Dynamic Digital Radiography Unveils the Unknowns of RSA** Markus Scheibel, Germany
12:49 PM	**Discussion of Scientific Presentations** Bettina Hochreiter, Switzerland Christian Gerber, Switzerland Jean-David Werthel, France

11:30 AM - 1:00 PM

ES28 - Elbow Instability: Acute & Chronic

Education Session

Track: *Elbow Instability*

212/214

Moderators: **Erica Kholinne, Indonesia; J. Whitcomb Pollock, Canada; Ryan Gao, New Zealand**

11:30 AM	**ES28.01 - Lecture - Management of Persistent Elbow Instability** Kenneth Faber, Canada
11:38 AM	**ES28.02 - Technique Video - Application of Internal Joint Stabilizer** Jorge Orbay, United States
11:46 AM	**ES28.03 - Lecture: Bridge Plating of the Elbow: Indications and Surgical Technique** Saad Alqahtani, Saudi Arabia
11:54 AM	**ES28.04 - Early Age at Time of Ulnar Collateral Ligament Surgery Is Associated With Lower Chance of Progression in Sport** Peter Chalmers, United States
11:58 AM	**ES28.05 - Internal Dynamic Joint Stabilizer in Elbow Instability: "Lights and Shades" Emerged After 22 Cases** Beatrice Caressa, Italy
12:02 PM	**ES28.06 - Efficacy of a Novel Triple-Layer Elbow Ligament Reconstruction Technique for Chronic Medial And/or Lateral Instability: A Retrospective Study** Olivier Bozon, Canada
12:06 PM	**ES28.07 - Congruence Angle and Medial Ulnar Translation: A Novel Measurement to Assess the Severity of Ligament Injury in Simple Elbow Dislocation** Sang-Pil So, Republic of Korea
12:10 PM	**ES28.08 - Ligament Repair With Suture Tape Augmentation Achieves Favourable Outcomes in Both Acute and Chronic Post-Traumatic Elbow Instability** Xunqi Cheow, Singapore
12:14 PM	**ES28.09 - Congruity of the Humeroulnar Joint - a Radiological Study on the Context of Coronoid Fractures and Post-Traumatic Deformities** Maximilian Josefiak, Germany
12:18 PM	**Discussion/Q&A** Erica Kholinne, Indonesia J. Whitcomb Pollock, Canada
12:30 PM	**ES28.10 - Case-Based Panel Discussion** Ryan Gao, New Zealand Saad Alqahtani, Saudi Arabia Kenneth Faber, Canada Erica Kholinne, Indonesia Jorge Orbay, United States J. Whitcomb Pollock, Canada

11:30 AM - 1:00 PM

ES29 - Complications and Sequelae of Proximal Humerus Fractures

Education Session

Track: *Shoulder Fracture*

220/222

Moderators: **Catherine Fedorka, United States; Raffaele Garofalo, Italy; Fernando Santana, Spain**

11:30 AM	**ES29.01 - Lecture - Posttraumatic AVN: Contemporary Management** Jose Aroca, Spain
11:38 AM	**ES29.02 - Lecture - Proximal Humerus Nonunions: When is ORIF best?** Max Ekdahl, Chile
11:46 AM	**ES29.03 - Lecture - Reverse for Proximal Humerus Nonunion: Have We Improved?** Patric Raiss, Germany
11:54 AM	**ES29.04 - Lecture - What Is the Role of Proximal Humerus Osteotomies Today?** Franz Kralinger, Austria
12:02 PM	**Discussion/Q&A** Catherine Fedorka, United States Raffaele Garofalo, Italy Fernando Santana, Spain
12:14 PM	**ES29.05 - Standardizing Assessment of Greater Tuberosity Positioning After Reverse Total Shoulder Arthroplasty for Proximal Humerus Fracture** Olivia Blaber, United States
12:18 PM	**ES29.06 - Subscapularis Muscle Split Location Impact on Subscapularis Function After the Latarjet Procedure** Richard Page, Australia
12:22 PM	**ES29.07 - Uncemented Humeral Stems Compared to Cemented Stems in Reverse TSA for Proximal Humerus Fractures: A Registry-Based Cohort Study** Aakash Chauhan, United States
12:26 PM	**ES29.08 - Proximal Humeral Fractures -5 Domain (PHF-5D) Score: A Multidomain Predictive Model for Postoperative Complications After Locking Plate Fixation** Seokho Hong, Republic of Korea
12:30 PM	**ES29.09 - Does Medial Calcar Prominence Impair Functional Outcome in Nonoperatively Treated Surgical Neck Fractures of the Proximal Humerus?** Matthijs Jacxsens, Switzerland
12:34 PM	**Discussion/Q&A** Catherine Fedorka, United States Raffaele Garofalo, Italy Fernando Santana, Spain
12:39 PM	**ES29.10 - Clinical Outcomes of RSA for Fracture Sequelae According to Boileau Classification** Nobuyasu Ochiai, Japan
12:43 PM	**ES29.11 - Factors Associated With Failure of Locking Plate Fixation in Proximal Humerus Fractures** Filip Cosic, Australia
12:47 PM	**ES29.12 - Impact of Operative Timing of Proximal Humerus Fracture Dislocations on Development of Neurologic Injury and Postoperative Outcomes** Joseph Galvin, United States

12:51 PM **ES29.13 - Previous Bariatric Surgery Is a Risk Factor for Readmission and Morbidity Following Proximal Humerus Fracture Surgery**

Madeline Wethington, United States

12:55 PM **Discussion/Q&A**

Catherine Fedorka, United States
Raffaele Garofalo, Italy
Fernando Santana, Spain

11:30 AM - 1:00 PM

ES30 - Surgical Techniques for Scapular Surgery

Education Session

Track: *Shoulder*

223/224

Moderators: **Raman Aggarwal, India; Christopher Brusalis, United States; Mehmet Demirhan, Turkey**

11:30 AM	**ES30.01 - Technique Video - Pectoralis Minor Release with Scapulopexy** Ryan Lohre, United States
11:38 AM	**ES30.02 - Technique Video - Superomedial Scapular Resection** Robert Tashjian, United States
11:46 AM	**ES30.03 - Technique Video - Split Pectoralis Major Transfer** Eric R. Wagner, United States
11:54 AM	**ES30.04 - Technique Video - Complete Endoscopic Brachial Plexus Release: Key Steps and Safety Pearls** Thibault Lafosse, France
12:02 PM	**ES30.05 - Technique Video - Scapulothoracic Arthrodesis** Mehmet Demirhan, Turkey
12:10 PM	**Discussion/Q&A** Raman Aggarwal, India Christopher Brusalis, United States Mehmet Demirhan, Turkey
12:22 PM	**ES30.06 - Arthroscopic Pectoralis Minor Release and Infraclavicular Neurolysis for Neurogenic Thoracic Outlet Syndrome in Athletes: Long-Term Outcomes and Return to Sport** Eric R. Wagner, United States
12:26 PM	**ES30.07 - Robotic Transfer of the Latissimus Dorsi Associated With Levator Scapulae and Rhomboid Minor Mini-Open Transfers for Trapezium Palsy** Jose Carlos Garcia, Brazil
12:30 PM	**ES30.08 - Pectoralis Minor Tenotomy in the Treatment of Painful Shoulder Syndromes Associated With Scapular Dyskinesis** Philippe Collin, France
12:34 PM	**ES30.09 - The "Pectoralis Minor Repairing Latarjet": A Modified Technique to Prevent Postoperative Scapular Dyskinesis After Latarjet Procedure** Vittorio Candela, Italy
12:38 PM	**Discussion/Q&A** Raman Aggarwal, India Christopher Brusalis, United States Mehmet Demirhan, Turkey
12:43 PM	**ES30.10 - Scapular Morphology in Static Posterior Shoulder Subluxation: A Comparative Analysis With Anterior and Posterior Instability** Daniel Paccot, Chile
12:47 PM	**ES30.11 - Beyond the Shoulder: An Evaluation of the Relationship Between Trapezius Elastographic Stiffness and Ipsilateral Distal Paraesthesia in Patients With Adhesive Capsulitis** Rebecca Mak, Australia

12:51 PM ES30.12 - Cluster Analysis Identifies Two Distinct Scapulohumeral Rhythm Phenotypes Following Reverse Total Shoulder Arthroplasty

Ausberto Velasquez Garcia, United States

12:55 PM Discussion/Q&A

Raman Aggarwal, India
Christopher Brusalis, United States
Mehmet Demirhan, Turkey

1:00 PM - 2:30 PM

Lunch Break/ Visit Exhibitors/ View ePosters

Break

West Ballroom CD

1:30 PM - 2:30 PM

Industry Lunch Workshop - Enovis - ENOVation in Shoulder Arthroplasty: Translating Clinical Research into Patient Outcomes

Industry Lunch Workshop

121/122

1:30 PM ENOVation in Shoulder Arthroplasty: Translating Clinical Research into Patient Outcomes

Stephen Bale, United Kingdom
Patrick Connor, United States
Grant Garrigues, United States
Ryan Gao, New Zealand
Eric Ricchetti, United States

1:30 PM - 2:30 PM

Industry Lunch Workshop - Skeletal Dynamics - From Shoulder to Elbow: Mastering Upper Extremity Fractures

Industry Lunch Workshop

208/209

1:30 PM From Shoulder to Elbow: Mastering Upper Extremity Fractures

Jorge Orbay, United States
Joideep Phadnis, United Kingdom

1:30 PM - 2:30 PM

Industry Lunch Workshop - Smith & Nephew - Evidence-Based Practice: Advanced Shoulder Repair with Q-FIX, Tendon Seam & REGENETEN

Industry Lunch Workshop

118/120

Moderator: **Ivan Wong, Canada**

1:30 PM Evidence-Based Practice: Advanced Shoulder Repair with Q-FIX, Tendon Seam & REGENETEN

Stephanie Muh, United States
Pascal Boileau, France
Emilio Calvo
Howard Harris, United States

1:30 PM - 2:30 PM

Industry Lunch Workshop - Stryker - Beyond the Algorithm: Navigating Complex Shoulder Instability and Rotator Cuff Cases

Industry Lunch Workshop

116/117

Moderator: **Robert Hartzler, United States**

1:30 PM Beyond the Algorithm: Navigating Complex Shoulder Instability and Rotator Cuff Cases

George Athwal, Canada
Jonathan Levy
Jon Barlow
Richard Lloyd, New Zealand

1:30 PM - 2:30 PM

Industry Lunch Workshop - Zimmer Biomet - Shoulder Arthroplasty in 2026-Cutting Edge Technology and Techniques

Industry Lunch Workshop

211

Moderators: **John Sperling, United States; William Levine, United States; Olivier Verborgt, Belgium**

1:30 PM Shoulder Arthroplasty in 2026-Cutting Edge Technology and Techniques

John Sperling, United States
William Levine, United States
Olivier Verborgt, Belgium

2:45 PM - 4:15 PM

ES31 - Complications After Reverse Arthroplasty: How to Get Out of Trouble

Education Session

Track: *Shoulder Arthroplasty*

109/110

Moderators: **Yoichi Ito, Japan; Moin Khan, Canada; Jose Francisco Soza Rex, Chile**

2:45 PM	**ES31.01 - Lecture - Dislocation** Carlos Torrens, Spain
2:53 PM	**ES31.02 - Lecture - Acromion & Spine Fractures and Nonunions** Alexandre Lädermann, Switzerland
3:01 PM	**ES31.03 - Lecture - Periprosthetic Humeral Fractures** Felipe Toro, Chile
3:09 PM	**ES31.04 - Lecture - Glenoid Loosening** Lionel Neyton, France
3:17 PM	**ES31.05 - Lecture - Humeral Loosening** Surena Namdari, United States
3:25 PM	**Discussion/Q&A** Yoichi Ito, Japan Moin Khan, Canada Jose Francisco Soza Rex, Chile
3:37 PM	**ES31.06 - Revisions Following Stemless Reverse Shoulder Arthroplasty: Experience From an Investigational Device Study** Michael Amini, United States
3:41 PM	**ES31.07 - Machine Learning Analysis of Patient, Implant, and Surgical Factors Associated With Acromial and Scapular Spine Fractures After Reverse Total Shoulder Arthroplasty** Jay Levin, United States
3:45 PM	**ES31.08 - Comparison of Functional Outcomes of Intraoperative Greater Tuberosity Fractures in Reverse Shoulder Arthroplasty: A Matched Cohort Study** Stephen Weber, United States
3:49 PM	**ES31.09 - Acromion and Scapular Spine Fractures After Reverse Total Shoulder Arthroplasty: Propensity Score Matched Analysis of Independent Patient Demographic and Operative Risk Factors** Jennifer Kurowicki, United States
3:53 PM	**Discussion/Q&A** Yoichi Ito, Japan Moin Khan, Canada Jose Francisco Soza Rex, Chile
3:58 PM	**ES31.10 - Incidence and Risk Factors of Coracoid-Based Pain After Reverse Total Shoulder Arthroplasty** Favian Su, United States
4:02 PM	**ES31.11 - Reoperation for Impingement-Related Anterior Shoulder Pain Following Primary Reverse Total Shoulder Arthroplasty** Robert Tashjian, United States

4:06 PM **ES31.12 - A Biomechanical Evaluation of Conjoint Tendon Tension on Joint Stability in the Setting of Anterior Impingement After Reverse Shoulder Arthroplasty**

Cole Fleet, Canada

4:10 PM **Discussion/Q&A**

Yoichi Ito, Japan
Moin Khan, Canada
Jose Francisco Soza Rex, Chile

2:45 PM - 4:15 PM

ES32 - Revision Elbow Arthroplasty - Aseptic

Education Session

Track: *Elbow Arthroplasty*

114/115

Moderators: **Jeffery Hughes, Australia; Emilie Cheung, United States; Adam Watts, United Kingdom**

2:45 PM	**ES32.01 - Lecture - My Favorite Tips During Revision Total Elbow Arthroplasty** Matthew Ramsey, United States
2:53 PM	**ES32.02 - Technique Video - Revision Total Elbow Arthroplasty with an APC: I Love Allograft** Micah Nieboer, United States
3:01 PM	**ES32.03 - Technique Video - Revision TEA with an Endoprosthesis: I Love Mega-Metal** Deborah Higgs, United Kingdom
3:09 PM	**ES32.04 - Outcomes of Elbow Resection Arthroplasty After Failed Total Elbow Replacement** Jie Yao, United States
3:13 PM	**ES32.05 - Cortical Reconstruction With Structural Allograft Struts for Cortical Defects and Thinning in Revision Total Elbow Arthroplasty** Matias Croxatto, Chile
3:17 PM	**ES32.06 - Satisfactory Results Achieved by a Hinged Cast for the Management of Flail Elbow Following Multiple TEA Revisions and Infection History.** Angelo De Crescenzo, Italy
3:21 PM	**ES32.07 - Does Condylar Resection Compromise Grip Strength After Primary Total Elbow Arthroplasty for Distal Humerus Fracture?** Jun-Hyuk LIM, Republic of Korea
3:25 PM	**ES32.08 - The Influence of Humeral Implant Stem Length on Load Transfer in Total Elbow Arthroplasty: A Cadaveric Study** Yingtong Gao, Canada
3:29 PM	**ES32.09 - Mechanisms of Failure in Total Elbow Arthroplasty: A Systematic Review of Retrieval and Clinical Studies** Jorge Rojas Liévano, Colombia
3:45 PM	**Discussion/Q&A** Jeffery Hughes, Australia Emilie Cheung, United States
3:45 PM	**ES32.10 - Case-Based Panel Discussion** Adam Watts, United Kingdom Jeffery Hughes, Australia Andrea Celli, Italy Deborah Higgs, United Kingdom Mark Morrey, United States Matthew Ramsey, United States

2:45 PM - 4:15 PM

ES33 - Large Cuff Tears: Reparable or Irreparable?

Education Session

Track: *Rotator Cuff*

205/207

Moderators: **Raffy Mirzayan, United States; Kenneth Cutbush, Australia; Maria Valencia Mora, Spain**

2:45 PM **ES33.01 - Case-Based Panel Discussion**

Raffy Mirzayan, United States
Jens Agneskirchner, Germany
Rodrigo DeMarinis, Chile
Diane Nam, Canada
Mauricio Largacha, Colombia
Maria Valencia Mora, Spain
Kenneth Cutbush, Australia

3:10 PM **ES33.02 - Irreparable No More: Techniques for Successful Repair on Massive Rotator Cuff Tears Predicted to Fail Due to High ROHI Scores**

Felix Savoie, United States

3:14 PM **ES33.03 - Fat-Fraction Distribution Analysis in Rotator Cuff Muscles on Clinical T1-Weighted MRI Using Deep Learning Algorithms**

Matthias Zumstein, Switzerland

3:18 PM **ES33.04 - Impact of Radiofrequency Ablation on Early Tendon-to-Bone Maturation and Biomechanical Integrity in a Rabbit Rotator Cuff Repair Model**

Sang Yun Oh, Republic of Korea

3:22 PM **ES33.05 - Rotator Cuff Arthropathy Impairs Shoulder Mobility and Drives Compensatory Spine and Pelvic Motion During Overhead Task**

Nicholas Morriss, United States

3:26 PM **Discussion/Q&A**

Kenneth Cutbush, Australia

3:30 PM **ES33.06 - Case-Based Panel Discussion**

Maria Valencia Mora, Spain
Jens Agneskirchner, Germany
Rodrigo DeMarinis, Chile
Diane Nam, Canada
Mauricio Largacha, Colombia
Kenneth Cutbush, Australia
Raffy Mirzayan, United States

3:55 PM **ES33.07 - Location of Rotator Cuff Re-tear Can Predict Outcome. Cho Type 2 Retears Achieve Equivalent Functional Outcomes to Healed Repairs While Cho Type 1 Retears Fail to Improve: A Prospective Cohort Study**

Raffy Mirzayan, United States

3:59 PM **ES33.08 - 3D Evaluation of Rotator Cuff Muscle Fat Fraction: Baseline Analysis of a Swiss Multicenter Study of Arthroscopic Rotator Cuff Repair Patients**

Michael Schär, Switzerland

4:03 PM **ES33.09 - Comparison of Superior Capsular Reconstruction and Biceps Re-Routing in Massive and Large Rotator Cuff Tears**

Ata Can Atalar, Turkey

4:07 PM **ES33.010 - Rotator Cuff Tear as a Precursor to Contralateral Disease: A Propensity-Matched, Retrospective Study of 13,401 Patients**

Uma Srikumaran, United States

4:11 PM **Discussion/Q&A**

Kenneth Cutbush, Australia

2:45 PM - 4:15 PM

ES34 - International Perspectives: Asia

Education Session

Track: *International Perspectives*

212/214

Moderators: **Jae-Chul Yoo, Republic of Korea; Bancha Chernchujit, Thailand; Ashish Babhulkar, India; Chunyan Jiang, China**

2:45 PM	**Introduction** Jae-Chul Yoo, Republic of Korea
2:50 PM	**ES34.01 - History of Shoulder & Elbow Surgery in Asia** Nobuyuki Yamamoto, Japan
3:00 PM	**ES34.02 - Rotator Cuff Repair Based on Tear Patterns: Art of Shoulder Arthroscopy** Sang-Jin Shin, Republic of Korea
3:10 PM	**Discussion of Lectures 1&2 and Introduction of Scientific Presentations** Bancha Chernchujit, Thailand
3:15 PM	**ES34.03 - Arthroscopic Latarjet for Anterior Shoulder Instability With Marked Glenoid Bone Loss: Screw Fixation vs. Button Fixation at Mid-to Long-Term Follow-up - A Multi-Centered Comparative Cohort Study** Qihuang Qin, China
3:20 PM	**ES34.04 - Arthroscopically Assisted Pectoralis Minor Transfer for Anterosuperior Massive Rotator Cuff Tear With Irreparable Subscapularis Tears** Kotaro Yamakado, Japan
3:25 PM	**ES34.05 - Muscle Advancement in Large to Massive Rotator Cuff Tears: Korean Results** Sae Hoon Kim, Republic of Korea
3:30 PM	**Discussion** Bancha Chernchujit, Thailand
3:35 PM	**ES34.06 - Case Discussion** Ashish Babhulkar, India Chunyan Jiang, China Sae Hoon Kim, Republic of Korea Bancha Chernchujit, Thailand Erica Kholinne, Indonesia Seow Hui Teo, Malaysia Kotaro Yamakado, Japan
4:15 PM	**ES34.07 - Closing Remarks** Ashish Babhulkar, India Chunyan Jiang, China

2:45 PM - 4:15 PM

ES35 - Fractures of the Glenoid and Scapula

Education Session

Track: *Shoulder Fracture*

220/222

Moderators: **Jonathan Levy, United States; Catherine Fedorka, United States; Philipp Moroder, Switzerland**

2:45 PM **ES35.01 - Lecture - 2026 Update on Fractures of Glenoid and Scapula**
Jonah Hebert-Davies, United States

2:53 PM **ES35.02 - Technique Video - ORIF Glenoid Fractures**
Jason Hsu, United States

3:01 PM **ES35.03 - Technique Video - ORIF Scapular Fractures**
Jonathan Levy, United States

3:09 PM **ES35.04 - Long-Term Results of Surgical Management of High-Energy Scapula Fractures at a Major Trauma Centre**
Shoib Mahmood, United Kingdom

3:13 PM **ES35.05 - Acromial and Scapular Spine Fractures Following Reverse Total Shoulder Arhtroplasty : Treatment Dilemma and Radiographic Prognosticators for Enhanced Clinical Outcomes - a Multicenter Study**
Sung Min Rhee, Republic of Korea

3:17 PM **ES35.06 - Lower Geriatric Nutritional Risk Index Is Associated With Increased Risk of Acromial and Scapular Spine Stress Fractures Following Reverse Total Shoulder Arthroplasty**
Patrick Denard, United States

3:21 PM **ES35.08 - A Comparison of Acromial Plating With or Without Suture Augmentation for Treatment of Levy Type IIB Acromial Stress Fractures: A Biomechanical Study**
Ian Penvose, United States

3:25 PM **ES35.09 - Clinical Outcomes of Arthroscopic-Assisted Reduction and Internal Fixation Using the Double Anchor Footprint Fixation (DAFF) Technique for Glenoid Fractures**
Junta Kikuchi, Japan

3:29 PM **Discussion/Q&A**
Jonathan Levy, United States
Catherine Fedorka, United States

3:45 PM **ES35.10 - Case-Based Panel Discussion**
Philipp Moroder, Switzerland
Fabio BRANDAO DE ALMEIDA, Brazil
Jonathan Levy, United States
Catherine Fedorka, United States
Jeremy Hall, Canada
Melissa Wright, United States

2:45 PM - 4:15 PM

ES36 - Top Research in Instability & Cuff

Education Session

Track: *Shoulder Instability*

223/224

Moderators: **Andreas Voss, Germany; Kjersti Jenssen, Norway; Daniel Moya, Argentina**

2:45 PM	**ES36.01 - LIGHT AT THE END OF THE TUNNEL: A Prospective Cohort Study Evaluating the Elastographic Stiffness of the Rotator Cuff Pre and Post Surgical Repair in 115 Consecutive Patients** Antonette Mariama Bilog, Australia
2:49 PM	**ES36.02 - Comparable One-Year Results After Arthroscopic Latarjet Using Screw or Suture Button Fixation** Berte Bøe, Norway
2:53 PM	**ES36.03 - Incidence and Longitudinal Evolution of Dislocation Arthropathy Following the Arthroscopic Latarjet Procedure** Cristina Delgado, Spain
2:57 PM	**ES36.04 - What Is the Optimal Graft and Transfer Location in Lower Trapezius Tendon Transfer for Posterosuperior Massive Rotator Cuff Tears? A Cadaveric Biomechanical Study** Ryosuke Iio, Canada
3:01 PM	**ES36.05 - Clinical Outcomes of Reverse Total Shoulder Arthroplasty Versus Rotator Cuff Repair in Patients 60 Years or Older Involving 3 Tendon Tears** Tyler Brolin, United States
3:05 PM	**Discussion/Q&A** Andreas Voss, Germany Kjersti Jenssen, Norway Daniel Moya, Argentina
3:15 PM	**ES36.06 - Structural Integrity of Rotator Cuff Repair Affects Shoulder Strength but Not Range of Motion or Patient-Reported Outcomes at One Year: A Prospective Causal Inference Study** Sambit Sahoo, United States
3:19 PM	**ES36.07 - Intraoperative Zoledronic Acid for Arthroscopic Rotator Cuff Repair - Short-Term Results From a Prospective, Randomized, Placebo-Controlled Phase II Trial** Jakob Schanda, Austria
3:23 PM	**ES36.08 - Local Single-Center Rotator Cuff Registry (RMR): Cohort Profile and Patient-Reported Outcomes After Arthroscopic Rotator Cuff Repair - Lessons Learned From a Decade of Registry Research** David Endell, Switzerland
3:27 PM	**ES36.09 - Impact of Osteoporosis on Postoperative Outcomes Following Rotator Cuff Repair** J. Ryan Hill, United States
3:31 PM	**ES36.10 - Bankart Repair vs Bone Block for Traumatic Posterior Shoulder Instability: A Matched-Control Analysis.** Nicolas BONNEVIALLE, France
3:35 PM	**Discussion/Q&A** Andreas Voss, Germany Kjersti Jenssen, Norway Daniel Moya, Argentina

3:45 PM ES36.11 - No Differences in Outcomes and Complication Rates After Self-Removal of Sling: Short-Term Results of Prospective, Single-Blinded, Randomized Control Trial
Albert Lin, United States

3:49 PM ES36.12 - Tenderness on the Bicipital Groove: Is It an Indication for Biceps Procedure During Rotator Cuff Repair? - a Prospective Randomized Controlled Study
Taechang Hong, Republic of Korea

3:53 PM ES36.13 - Optimizing Indications for Arthroscopic Lower Trapezius Tendon Transfer: An Analysis of Risk Factors Associated With Failure
Seif El Masry, United States

3:57 PM ES36.14 - Ultrasound-Guided Percutaneous Biceps Tenotomy in Elderly Patients With Rotator Cuff Tears: A Minimally Invasive Outpatient Innovation Using High-Resolution Portable Devices
Hugo Barros, Ecuador

4:01 PM ES36.15 - Design, Development and Evaluation of Generic Partial Glenoid Synthetic Implants for the Treatment of Anterior Shoulder Instability With Glenoid Bone Loss
Winston Jin, Canada

4:05 PM Discussion/Q&A
Andreas Voss, Germany
Kjersti Jenssen, Norway
Daniel Moya, Argentina

4:30 PM - 5:00 PM

IHL04 - Rockwood Lectureship - Jae-Chul Yoo - AI Usage and Subscapularis Tendon Tears: Revisited 2026

Invited Honorary Lecture

West Ballroom AB

4:30 PM IHL04.01 - AI Usage and Subscapularis Tendon Tears: Revisited 2026
Jae-Chul Yoo, Republic of Korea

5:00 PM - 6:00 PM

S04 - Surgical Approaches to the Elbow - The Great Debate!

Symposium

Track: *Elbow*

109/110

Moderator: **Graham King, Canada**

5:00 PM	**S04.01 - Distal Humeral Fracture - Case** Yousif Atwan, Canada
5:02 PM	**S04.02 - Distal Humeral Fracture - Olecranon Osteotomy** Deana Mercer, United States
5:07 PM	**S04.03 - Distral Humeral Fracture - Triceps Split** Niloofar Dehghan, United States
5:12 PM	**S04.04 - Distal Humeral Fracture - Lateral Paraolecranon Approach** Michael Amini, United States
5:17 PM	**S04.05 - Distal Humeral Fracture - Paratricipital** Sara Morais, Spain
5:22 PM	**S04.06 - Distal Humeral Fracture - Panel Discussion** Graham King, Canada Yousif Atwan, Canada Deana Mercer, United States Michael Amini, United States Niloofar Dehghan, United States Sara Morais, Spain
5:30 PM	**S04.07 - Total Elbow Arthroplasty - Case** Deborah Higgs, United Kingdom
5:32 PM	**S04.08 - Total Elbow Arthroplasty - Bryan-Morrey** Joaquin Sanchez-Sotelo, United States
5:37 PM	**S04.09 - Total Elbow Arthroplasty - Lateral Paraolecranon** Graham King, Canada
5:42 PM	**S04.10 - Total Elbow Arthroplasty - Diamond Pop-Up** Shawn O'Driscoll, United States
5:47 PM	**S04.11 - Total Elbow Arthroplasty - Olecranon Osteotomy** Gregory Bain, Australia
5:52 PM	**S04.12 - Total Elbow Arthroplasty - Panel Discussion** Graham King, Canada Deborah Higgs, United Kingdom Joaquin Sanchez-Sotelo, United States Gregory Bain, Australia Shawn O'Driscoll, United States

5:00 PM - 6:00 PM

S05 - Shoulder Instability: International Perspective

Symposium

Track: *Shoulder Instability*

West Ballroom AB

Moderator: **Anthony Romeo, United States**

5:00 PM **S05.01 - Posterior Instability - From Labral Repair to Acromial Osteotomy, Really?!!!**
Matthias Zumstein, Switzerland

5:10 PM **S05.02 - Surgical Education in the 21st Century - Let Me Come Into Your OR and Help!**
Ivan Wong, Canada

5:20 PM **S05.03 - Distal Tibial Allograft - My Personal Journey**
Anthony Romeo, United States

5:30 PM **S05.04 - Case-Based Panel Discussion - Shoulder Instability from A to P (Anterior to Posterior)**
Anthony Romeo, United States
Ivan Wong, Canada
Joo Han Oh, Republic of Korea
Matthias Zumstein, Switzerland
Emilio Calvo, Spain
Saad Alqahtani, Saudi Arabia
Christian Gerber, Switzerland
Humberto Arrué, Panama

ROSA® SHOULDER IS PART OF

YOUR COMPLETE SHOULDER SOLUTION

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VISIT OUR BOOTH TO EXPERIENCE ROSA® SHOULDER

WEDNESDAY, 9/23 AT 6:30 PM | THURSDAY, 9/24 AT 11:00 AM

ZIMMER BIOMET

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FRIDAY, SEPTEMBER 25

6:00 AM - 8:00 AM

Breakfast / Visit Exhibitors / View ePosters

Break

West Ballroom CD

6:45 AM - 7:45 AM

ICL25 - The Scapula: The Great Masquerader of Shoulder Pathologies

Instructional Course Lecture

Track: *Shoulder*

109/110

Moderator: **Jon Warner, United States**

6:45 AM	ICL25.01 - History of Scapular Disorders and Treatment Evolution Jon Warner, United States
6:50 AM	ICL25.02 - Introduction to Scapular Pathologies: How to Recognize and Evaluate Philippe Valenti, France
7:00 AM	ICL25.03 - Serratus Anterior Paralysis: How I Perform a Split Pectoralis Major Transfer Robert Tashjian, United States
7:10 AM	ICL25.04 - Trapezius Paralysis: How I Perform a Triple Transfer Eric R. Wagner, United States
7:20 AM	ICL25.05 - FSHD: How I Perform a Scapulothoracic Fusion Bassem Elhassan, United States
7:30 AM	Q&A Jon Warner, United States

6:45 AM - 7:45 AM

ICL26 - The Humeral Side of Reverse Total Shoulder Arthroplasty (RTSA) in 2026

Instructional Course Lecture

Track: *Shoulder Arthroplasty*

114/115

Moderator: **Tjarco Alta, Netherlands**

6:45 AM	Opening/ Welcome Tjarco Alta, Netherlands
6:50 AM	ICL26.01 - Pre-Operative Planning and Execution of the Humerus: How to Improve Outcome and Prevent Complications ? Karl Wieser, Switzerland
7:00 AM	ICL26.02 - Long Stem, Short Stem, Stemless: Is There an Optimal Length in RTSA ? Charles Getz, United States
7:10 AM	ICL26.03 - Distalization and Lateralization: What Are the Current Concepts ? Olivier Verborgt, Belgium
7:20 AM	ICL26.04 - Humeral Components - What Can We Learn From Registry Data? Markus Scheibel, Germany
7:30 AM	Discussion/ Q&A Tjarco Alta, Netherlands

6:45 AM - 7:45 AM

ICL27 - 12 Tips That Will Make Your Elbow Arthroscopy Easier

Instructional Course Lecture

Track: *Elbow*

116/117

Moderator: **Przemysław Lubiatowski, Poland**

6:45 AM	ICL27.01 - My 3 Best Tips to Simplify Elbow Arthroscopy Przemysław Lubiatowski, Poland
6:57 AM	ICL27.02 - My 3 Strategic Tricks for Safe and Efficient Elbow Arthroscopy Alessandra Colozza, Italy
7:09 AM	ICL27.03 - My 3 Most Valuable Pearls for Advanced Elbow Arthroscopy Felix Savoie, United States
7:21 AM	ICL27.04 - My 3 Practical Tips to Improve Your Daily Elbow Arthroscopy Raul Barco, Spain
7:33 AM	Discussion Przemysław Lubiatowski, Poland

6:45 AM - 7:45 AM

ICL28 - Stemless RSA : What's New to Succeed?

Instructional Course Lecture

Track: *Shoulder Arthroplasty*

118/120

Moderator: **Pierre Métais, France**

6:45 AM	ICL28.01 - Stemless RSA: Advantages, Benefits, Drawbacks, and Complications? Pierre Métais, France
6:57 AM	ICL28.02 - Can We Choose the Right Patient Before Surgery? Geoffroy Nourissat, France
7:09 AM	ICL28.03 - How Can the Bone Stock Be Preserved During the Surgical Procedure? Specific Tips Maxime ANTONI, France
7:21 AM	ICL28.04 - American Experience With RSA Stemless Prostheses Howard Harris, United States
7:33 AM	Discussion Pierre Métais, France

6:45 AM - 7:45 AM

ICL29 - Periprosthetic Humerus Fractures With Total Shoulder Arthroplasty

Instructional Course Lecture

Track: *Shoulder Fracture*

121/122

Moderator: **Minoo Patel, Australia**

6:45 AM	ICL29.01 - Classification of Periprosthetic Fractures and Evaluation of Fractures + Management of Non-Unions + Panel Discussion Minoo Patel, Australia
6:55 AM	ICL29.02 - Management of Type 2Ba/B2 Periprosthetic Fractures (Loose Implant + Adequate Bone Stock) Eugene Ek, Australia
7:05 AM	ICL29.03 - Management of Type 2C/ B3 Periprosthetic Fractures (Loose Implant + Poor Bone Stock) Ashish Gupta, Australia
7:15 AM	ICL29.04 - Management of Type 3/C(D) Periprosthetic Fractures Francesco Franceschi, Italy
7:25 AM	Use of Allografts and APC (Allograft Prosthesis Composite) (How I do it) Ashish Gupta, Australia
7:30 AM	Modified APC (Allograft Prosthesis Composite) and Non-Unions (How I do it) Minoo Patel, Australia
7:35 AM	Panel Discussion Minoo Patel, Australia

6:45 AM - 7:45 AM

ICL30 - Advanced Surgical Management of Glenoid Bone Loss in Anterior Shoulder Instability

Instructional Course Lecture

Track: *Shoulder Instability*

202/204

Moderator: **Abdulilah Hachem, Spain**

6:45 AM	ICL30.01 - Assessment of Glenoid Bone Loss and Preoperative Planning: From 3D Imaging to AI-Assisted Decision-Making Pablo CAÑETE SAN PASTOR, Spain
6:55 AM	ICL30.02 - Soft-Tissue Management of Bone Defects: Back to "on track", Bankart with Remplissage Alan HIRAHARA, United States
7:05 AM	ICL30.03 - Bony Augmentation Strategies: Latarjet and Free Bone Block Techniques Moin Khan, Canada
7:15 AM	ICL30.04 - Management of Failed Bony Procedures: Revision After Latarjet and Bone Block Reconstruction Peter MacDonald, Canada
7:25 AM	Discussion and Q&A Abdulilah Hachem, Spain

6:45 AM - 7:45 AM

ICL31 - Endoscopic Brachial Plexus Release: New Algorithms, Predictive Analytics, and Advanced Endoscopy, Role of Open Surgery

Instructional Course Lecture

Track: *Shoulder Neurological*

205/207

Moderator: **Thibault Lafosse, France**

6:45 AM	Introduction: The Shouder and Thoracic Outlet Syndrome Thibault Lafosse, France
6:49 AM	ICL31.03 - Introduction, Case Debate Sabri Dlimi, Italy
7:01 AM	ICL31.01 - The Pre Operative Management Jose Carlos Garcia, Brazil
7:13 AM	Open vs Endoscopic Management Thibault Lafosse, France
7:25 AM	ICL31.02 - Overhead Athletes Populations Raffaele Garofalo, Italy
7:37 AM	Discussion Thibault Lafosse, France

6:45 AM - 7:45 AM

ICL32 - Complex Elbow Fracture-Dislocations: A Case-Based Discussion

Instructional Course Lecture

Track: *Elbow Fracture*

208/209

Moderator: **Jennifer Tangtiphaiboontana, United States**

6:45 AM	ICL32.01 - Radial head fractures - fix or replace? Mark Morrey, United States
6:59 AM	ICL32.02 - Proximal Ulna Fracture Dislocation - A Systematic Approach to Getting It Right the First Time Jonah Hebert-Davies, United States
7:13 AM	ICL32.03 - Coronoid Fractures - When to Fix and How to Get There Armin Badre, Canada
7:27 AM	ICL32.04 - Terrible Triads - Are They Still Terrible? Diane Nam, Canada
7:41 AM	Discussion Jennifer Tangtiphaiboontana, United States

6:45 AM - 7:45 AM

ICL33 - Robotics in Shoulder Arthroplasty: Present and Future

Instructional Course Lecture

Track: *Shoulder Arthroplasty*

211

Moderator: **Vahid Entezari, United States**

6:45 AM	ICL33.01 - Introduction & Evolution of Robotics in Orthopaedics Vahid Entezari, United States
6:50 AM	ICL33.02 - The Case Against Robotic Surgery Frederick Matsen, United States
6:56 AM	ICL33.03 - The Case for Robotic Surgery Vahid Entezari, United States
7:02 AM	ICL33.04 - What Did I Learn From My First 100 Mako Robotic Cases Mark Mighell, United States
7:08 AM	ICL33.05 - What Did I Learn From My First 100 Rosa Robotic Cases Thomas Duquin, United States
7:14 AM	ICL33.06 - What Did I Learn From My First 100 CORI Robotic Cases Christopher Klifto, United States
7:20 AM	Discussion Vahid Entezari, United States

6:45 AM - 7:45 AM

ICL34 - Whats on the Horizon in Shoulder Arthroplasty: 2027 and Beyond

Instructional Course Lecture

Track: *Shoulder Arthroplasty*

212/214

Moderator: **Patrick Denard, United States**

6:45 AM	ICL34.01 - The Future of Preoperative Planning Shoulder Arthroplasty Planning: How Will Planning Be Different in 2030 Brian Werner, United States
6:55 AM	ICL34.02 - Stemless Reverse Shoulder Arthroplasty: Initial US Experience and Indications Michael Wiater, United States
7:05 AM	ICL34.03 - Revival of the Anatomic Arthroplasty: The Metal-Faced Convertible Glenoid Matthias Zumstein, Switzerland
7:15 AM	ICL34.04 - Navigation Improves Outcomes and Will Become the Standard of Care Craig Ball, New Zealand
7:25 AM	Discussion Patrick Denard, United States

6:45 AM - 7:45 AM

ICL35 - Managing Glenoid Deformity in Reverse Shoulder Arthroplasty – An International Perspective

Instructional Course Lecture

Track: *Shoulder Arthroplasty*

220/222

Moderator: **Jay Keener, United States**

ICL35.02 - Europe Was the Birthplace of Reverse Arthroplasty, Here's What We Are Doing Now!

Jean-David Werthel, France

ICL35.01 - The Introduction and Growth of Reverse Shoulder Arthroplasty in Asia - My Experience and Recent Trends

Jae-Chul Yoo, Republic of Korea

ICL35.03 - Keeping Up With Reverse Arthroplasty Technology Explosion - Opportunities and Challenges in South America

Jose Francisco Soza Rex, Chile

ICL35.04 - Design and Market Trends for Reverse Arthroplasty in North America: Advances I Have Seen That Make a Difference

Joaquin Sanchez-Sotelo, United States

Discussion

Jay Keener, United States

6:45 AM - 7:45 AM

ICL36 - Beyond the Technique: Understanding Bone Loss, Graft Fixation, Remodeling, and Measuring Success in Shoulder Instability

Instructional Course Lecture

Track: *Shoulder Instability*

223/224

Moderator: **Ivan Wong, Canada**

6:45 AM	Measuring What Matters: Modern Approaches to Bone Assessment in Shoulder Surgery Philipp Moroder, Switzerland
6:54 AM	ICL36.02 - From Fixation to Integration: How Bone Grafts Remodel Over Time Ivan Wong, Canada
7:04 AM	ICL36.01 - From Evidence to Action: Case-Based Decision- Making in Bony Shoulder Instability Ruth Delaney, Ireland
7:12 AM	To Be Confirmed
7:13 AM	ICL36.04 - Measuring Success in Shoulder Stabilization: Imaging, Stability, and Patient-Reported Outcomes Peter Chalmers, United States
7:22 AM	Q&A and Case Presentations Ivan Wong, Canada

8:00 AM - 8:30 AM

IHL05 - Walch Lectureship - Markus Scheibel - The Pursuit of Better: Learning from Success — and Failure

Invited Honorary Lecture

West Ballroom AB

8:00 AM	IHL05.01 - The Pursuit of Better: Learning from Success—and Failure Markus Scheibel, Germany

8:30 AM - 9:20 AM

S06 - Elbow Trauma – NonOp, Fix or Replace!

Symposium

Track: *Elbow Fracture*

109/110

Moderator: **Graham King, Canada**

8:30 AM	**S06.01 - Radial Head Fractures - Case Introduction** Erica Kholinne, Indonesia
8:32 AM	**S06.02 - Radial Head Fractures - Non-Operative** Dominique Rouleau, Canada
8:36 AM	**S06.03 - Radial Head Fractures - Arthroscopic Fixation** Enrico Guerra, Italy
8:40 AM	**S06.04 - Radial Head Fractures - ORIF** Parham Daneshvar, Canada
8:44 AM	**S06.05 - Radial Head Fractures - Arthroplasty** Mark Cohen, United States
8:48 AM	**S06.06 - Radial Head Fractures - Panel Discussion** Erica Kholinne, Indonesia Dominique Rouleau, Canada Enrico Guerra, Italy Parham Daneshvar, Canada Mark Cohen, United States
8:55 AM	**S06.07 - Olecranon Fracture - Case** J. Whitcomb Pollock, Canada
8:57 AM	**S06.08 - Olecranon Fracture - Non-Operative** Kenneth Faber, Canada
9:01 AM	**S06.09 - Olecranon Fracture - ORIF Tension Suture** Adam Watts, United Kingdom
9:05 AM	**S06.10 - Olecranon Fracture - ORIF Tension Band** Steve Papp, Canada
9:09 AM	**S06.11 - Olecranon Fracture - ORIF Plate** Jason Strelzow, United States
9:13 AM	**S06.12 - Olecranon Fracture - Panel Discussion** J. Whitcomb Pollock, Canada Kenneth Faber, Canada Adam Watts, United Kingdom Steve Papp, Canada Jason Strelzow, United States

8:30 AM - 9:20 AM

S07 - Shoulder Arthroplasty: Around the World in 50 Minutes

Symposium

Track: *Shoulder Arthroplasty*

West Ballroom AB

Moderator: **Ruth Delaney, Ireland**

8:30 AM **S07.01 - Have Shoulder Arthroplasty Outcomes Improved Over the Last Decade?**
Frederick Matsen, United States

8:40 AM **S07.02 - My Personal Journey - How I Persevered When Everyone Called Me Crazy**
Mark Frankle, United States

8:50 AM **S07.03 - Case-Based Panel Discussion - Shoulder Arthroplasty - Run of the Mill to Refer to Your Senior Partner**
Ruth Delaney, Ireland
Mark Frankle, United States
Frederick Matsen, United States
Taku Hatta, Japan
Pascal Boileau, France
Michell Ruiz-Suarez, Mexico
Lionel Neyton, France

9:30 AM - 11:00 AM

ES37 - Revision Video Techniques: Component Removal, Glenoid Bone Loss, Humeral Bone Loss

Education Session

Track: *Shoulder Arthroplasty*

109/110

Moderators: **Patrick Chin, Canada; Francesco Franceschi, Italy; Patric Raiss, Germany**

9:30 AM	**ES37.01 - Technique Video - Glenoid Component Removal** Ashish Gupta, Australia
9:38 AM	**ES37.02 - Technique Video - Humeral Component Removal** Joseph Abboud, United States
9:46 AM	**ES37.03 - Technique Video - Glenoid Bone Loss Management** Yousif Atwan, Canada
9:54 AM	**ES37.04 - Technique Video - Humeral Reconstruction APC** Mark Frankle, United States
10:02 AM	**ES37.05 - Technique Video - Humeral Reconstruction Modular Prosthesis** Yaiza Lopiz, Spain
10:10 AM	**Discussion/Q&A** Patrick Chin, Canada Francesco Franceschi, Italy Patric Raiss, Germany
10:22 AM	**ES37.06 - Endoprosthetic Proximal Humeral Reconstructions Demonstrate Greater Loads to Failure Than Allograft Prosthetic Composite Constructs in a Cadaveric Reverse Shoulder Arthroplasty Model** Mathangi Sridharan, United States
10:26 AM	**ES37.07 - Outcomes of Two-Stage Revision Shoulder Arthroplasty Using Femoral Head Allograft Glenoid Reconstruction for Periprosthetic Joint Infection** Sarav Shah, United States
10:30 AM	**ES37.08 - High Metaphyseal Filling Ratios in Humeral Stem Result in Open Reduction Internal Fixation Compared to Revision Arthroplasty for Periprosthetic Fractures** Eugene Brabston, United States
10:34 AM	**ES37.09 - Coracoid Autograft for Central Bone Defects During Revision Shoulder Arthroplasty** Ryan Lohre, United States
10:38 AM	**Discussion/Q&A** Patrick Chin, Canada Francesco Franceschi, Italy Patric Raiss, Germany
10:43 AM	**ES37.10 - Proximal Humerus Megaprosthesis in Revision Shoulder Arthroplasty - Outcomes in Non-Tumor Patients** Hussain Selmi, United Kingdom
10:47 AM	**ES37.11 - Effectiveness of Continuous Local Antibiotic Perfusion (CLAP) for Revision Reverse Shoulder Arthroplasty After Periprosthetic Infection** Nobuyasu Ochiai, Japan

10:51 AM **ES37.12 - Incidence and Risk Factors of Periprosthetic Shoulder Infections: Insights From a 20-Year Registry**

David Endell, Switzerland

10:55 AM **Discussion/Q&A**

Patrick Chin, Canada
Francesco Franceschi, Italy
Patric Raiss, Germany

9:30 AM - 11:00 AM

ES38 - Radial Head Fractures

Education Session

Track: *Elbow Fracture*

114/115

Moderators: **Daniel You, Canada; Dominique Rouleau, Canada; Klaus Burkhart, Germany**

9:30 AM	**ES38.01 - Lecture - Radial Head Arthroplasty - Does Implant Design Matter?** Raul Barco, Spain
9:38 AM	**ES38.02 - Technique Video - ORIF Radial Head** Joideep Phadnis, United Kingdom
9:46 AM	**ES38.03 - Technique Video - Radial Head Arthroplasty** Deana Mercer, United States
9:54 AM	**ES38.04 - Long Term Follow up of Radial Head Replacements Used for Acute Fractures.** Patrick Carroll, Canada
9:58 AM	**ES38.05 - Overlengthening of Radial Head Prostheses** Georgios Eleftherakis, Germany
10:02 AM	**ES38.06 - Subsequent Radiographs of Mason I and II Radial Head Fractures Do Not Alter Management** William Aibinder, United States
10:06 AM	**ES38.07 - Intra and Interobserver Reliability of the New Sapienza Classification System for Radial Head Fractures. CT Analysis on 230 Cases.** Beatrice Caressa, Italy
10:10 AM	**ES38.08 - Automated Virtual Simulation for Radial Head Arthroplasty Achieves Sub-Millimeter Implant Alignment in a Computational Model** James Fitzsimmons, United States
10:14 AM	**ES38.09 - Association Between Surgeon Volume and Patient Outcomes After Radial Head Arthroplasty** Harry Beale, United Kingdom
10:18 AM	**Discussion/Q&A** Daniel You, Canada Dominique Rouleau, Canada Klaus Burkhart, Germany
10:30 AM	**ES38.10 - Case-Based Panel Discussion** Daniel You, Canada Raul Barco, Spain Klaus Burkhart, Germany Deana Mercer, United States Joideep Phadnis, United Kingdom Dominique Rouleau, Canada

9:30 AM - 11:00 AM

ES39 - Rotator Cuff: Biologics & Augments

Education Session

Track: *Rotator Cuff*

205/207

Moderators: **Kjersti Jenssen, Norway; George Murrell, Australia; Yang-Soo Kim, Republic of Korea; Emilio Calvo, Spain**

9:30 AM	**ES39.01 - Lecture - Can I Improve Cuff Healing in 2026 with Augmentation?** Philippe Collin, France
9:38 AM	**ES39.02 - Technique Video - Biobrace Augmentation - Here's How I Do It** Felix Savoie, United States
9:46 AM	**ES39.03 - Technique Video - Regeneten Bioinductive Scaffold - Partial Tears, Full Tears, Revision - When and How I Use It** George Murrell, Australia
9:54 AM	**ES39.06 - Biomechanical Investigation of Rotator Cable Reconstruction With Biologic Tuberoplasty: A Cadaveric Study** Sumit Raniga, Australia
9:58 AM	**ES39.04 - Intraoperative Zoledronic Acid for Arthroscopic Rotator Cuff Repair Results in Distinct Circulating microRNA Profiles Indicating Improved Tendon-to-Bone Healing** Jakob Schanda, Austria
10:02 AM	**ES39.05 - Association Between Cervical Radiculopathy and the Requirement for Subsequent Arthroplasty Following Rotator Cuff Repair** Yijie Luo, United States
10:06 AM	**ES39.07 - Biceps Rerouting Does Not Impact Retears in Large to Massive Rotator Cuff Tears Compared to Conventional Open Repair: A Randomized Clinical Trial** Gustavo Pinto, Brazil
10:10 AM	**ES39.08 - Clinical and Structural Outcomes of Autologous Fascia Lata Augmentation in High-Risk Rotator Cuff Repair: 2- to 5-Year Follow-up** Sungjoon Lim, Republic of Korea
10:14 AM	**Discussion/Q&A** Kjersti Jenssen, Norway George Murrell, Australia Yang-Soo Kim, Republic of Korea
10:30 AM	**ES39.10 - Case-Based Panel Discussion** Emilio Calvo, Spain Joseph Abboud, United States Karl Wieser, Switzerland Eva Gusnowski, Canada Ofer Levy, United Kingdom Teruhisa Mihata, Japan Anthony Romeo, United States

9:30 AM - 11:00 AM

ES40 - Elbow Arthroscopy for Arthritis

Education Session

Track: *Elbow Arthritis*

212/214

Moderators: **Yi Lu, China; Shawn O'Driscoll, United States**

9:30 AM	**ES40.01 - Lecture - Technical Tricks of Elbow Arthroscopy** Larry Field, United States
9:38 AM	**ES40.02 - Technique Video - Arthroscopic Debridement for Elbow Osteoarthritis** Przemysław Lubiatowski, Poland
9:46 AM	**ES40.03 - Technique Video - Arthroscopic Release of Post-Traumatic Contractures** Amir Kachooei, United States
9:54 AM	**ES40.04 - Clinical Outcomes of Arthroscopic Release for Post-Traumatic and Degenerative Elbow Stiffness** Jia Guo, Republic of Korea
9:58 AM	**ES40.05 - Osteophyte Recurrence Ratio Predicts Medium Term Range of Motion Decline After Arthroscopic Osteocapsular Arthroplasty for Elbow Osteoarthritis a Retrospective Study** Yi Lu, China
10:02 AM	**ES40.06 - Long-Term Survivorship and Functional Outcomes of Arthroscopic Debridement for Primary Elbow Arthritis** Graham King, Canada
10:06 AM	**ES40.07 - Arthroscopy Versus Open Elbow Debridements Among ABOS Part II Candidates: A Decline in Volume yet Fewer Complications After Arthroscopic Procedures** John Tyler, United States
10:10 AM	**ES40.08 - Time to Return to Play After Arthroscopic Elbow Osteocapsular Arthroplasty in Professional and Elite Baseball Players** Jin-Young Park, Republic of Korea
10:14 AM	**ES40.09 - Results and Return to Sport After Medial Imbrication of the Elbow Through 70° Arthroscopic Vision: Results of MI70 Procedure** Valeria Vismara, Italy
10:18 AM	**Discussion/Q&A** Yi Lu, China Shawn O'Driscoll, United States
10:30 AM	**ES40.10 - Case-Based Panel Discussion** Shawn O'Driscoll, United States Larry Field, United States Yi Lu, China Amir Kachooei, United States Przemysław Lubiatowski, Poland

9:30 AM - 11:00 AM

ES41 - Top Research in Shoulder Trauma

Education Session

Track: *Shoulder Fracture*

220/222

Moderators: **Ryan Bicknell, Canada; Xavier Duralde, United States; Barbara Campos, Portugal**

9:30 AM	ES41.01 - Press-Fit Mini Stem Reverse Shoulder Arthroplasty: Is It a Safe Option Also in Osteoporotic Complex Proximal Humeral Fractures? Mid Term Clinical and Radiological Outcomes Vittorio Candela, Italy
9:34 AM	ES41.02 - Proximal Humerus Fractures Treated With Single and Dual-Plating Constructs: A Comparison of Clinical Outcomes. Olawale Sogbein, Canada
9:38 AM	ES41.03 - Baseline Ambulatory Status and Age Predict Mortality Following Operative Treatment of Proximal Humerus Fracture Raahil Patel, United States
9:42 AM	ES41.04 - Effect of Coracoclavicular Suspensory Fixation Using All-Suture Anchor Without Pre-Drilling on Anatomical Locking Plate Fixation for Unstable Distal Clavicle Fractures Sunho Cha, Republic of Korea
9:46 AM	ES41.05 - Proximal Humeral Fractures in Patients Over 60 Years Old: A Randomized Study of Nonoperative Versus Operative Treatment With Locking Plate Eduardo Malavolta, Brazil
9:50 AM	ES41.06 - Surgical Management of Displaced Midshaft Clavicle Fractures: A Multicenter Pragmatic Randomized Controlled Trial - the BRICS Trial Adriano Mendes Jr., Brazil
9:54 AM	Discussion/Q&A Ryan Bicknell, Canada Xavier Duralde, United States Barbara Campos, Portugal
10:00 AM	ES41.07 - Impact of Shoulder Rotation on Surgical Decision-Making for Proximal Humerus Fractures: A Comparative Analysis of Radiographs Taken in Neutral and Internal Rotation Fernando Santana, Spain
10:04 AM	ES41.08 - Excise or Suture the Tuberosities in Proximal Humeral Fractures Treated With a Reverse Shoulder Arthroplasty.Results of a Prospective Multicentric Randomized Trial Joan Miquel, Spain
10:08 AM	ES41.09 - Osteosynthesis of 3- or 4- Part Proximal Humeral Fractures in Older Adults Using Locking Plate With or Without Synthetic Bone Graft Augmentation: A Randomized Clinical Trial Antonio Tenor Junior, Brazil
10:12 AM	ES41.10 - Reverse Shoulder Arthroplasty Versus Hemiarthroplasty Versus Non-Surgical Care for Older Adults With Acute 3 or 4 Part Fractures of the Proximal Humerus: A Randomised Controlled Trial (PROFHER-2) Steve Gwilym, United Kingdom
10:16 AM	ES41.11 - Is Sling Immobilization Necessary After Open Latarjet Surgery for Anterior Shoulder Instability? A Randomised Control Trial Alexandre Lädermann, Switzerland

10:20 AM **ES41.12 - Arthroscopic Remplissage Produces High Healing and Defect Fill With FISOR Predicting Structural Healing**

Patrick Denard, United States

10:24 AM **Discussion/Q&A**

Ryan Bicknell, Canada
Xavier Duralde, United States
Barbara Campos, Portugal

10:30 AM **ES41.13 - Comparative Radiological Outcomes of Screw Versus Button Fixation in Arthroscopic Glenoid Reconstruction, a Matched Analysis**

Georgios Mamarelis, United Kingdom

10:34 AM **ES41.14 - Return to Play and Performance Following Shoulder Labral Repair in Major League Baseball Players**

Michael Mastroianni, United States

10:38 AM **ES41.15 - Traumatic Posterior Dislocation Is Associated With Posterior Acromial Morphology**

Jean-David Werthel, France

10:42 AM **ES41.16 - A Randomised Controlled Trial of Lesser Tuberosity Footprint-Based vs Vector Optimised Muscle-Based Subscapularis Refixation With Reverse Shoulder Arthroplasty for Complex Proximal Humerus Fractures**

Peter Domos, United Kingdom

10:46 AM **ES41.17 - Arthroscopic Distal Clavicle Bone Bock Autograft for Anterior Shoulder Instability: A Prospective Clinical and CT-Based Follow-up at 2 Years Postoperatively**

Nicolas BONNEVIALLE, France

10:50 AM **ES41.18 - Predictive Factors for Humeral Avulsion of the Glenohumeral Ligament Lesion and Capsular Tears in Patients With Recurrent Shoulder Dislocation**

Taro Akiyama, Japan

10:54 AM **Discussion/Q&A**

Ryan Bicknell, Canada
Xavier Duralde, United States
Barbara Campos, Portugal

9:30 AM - 11:00 AM

ES42 - International Perspectives: Oceania

Education Session

Track: *International Perspectives*

223/224

Moderators: **Richard Page, Australia; Andrew Stokes, New Zealand; Richard Dallalana, Australia; Craig Ball, New Zealand; Fraser Taylor, Australia; Lizzie Bond, New Zealand**

9:30 AM	**Introduction and Welcome** Richard Page, Australia Andrew Stokes, New Zealand
9:35 AM	**ES42.01 - History of Shoulder & Elbow Surgery - Australia** Richard Page, Australia
9:40 AM	**ES42.02 - History of Shoulder & Elbow Surgery - New Zealand** Andrew Stokes, New Zealand
9:45 AM	**ES42.03 - How National Registries Have Shaped Global Shoulder and Elbow Surgery - Australian Joint Registry** David Gill, Australia
9:50 AM	**ES42.04 - How National Registries Have Shaped Global Shoulder and Elbow Surgery - New Zealand Joint Registry** Ryan Gao, New Zealand
9:55 AM	**Discussion of Lectures 1&2 and Introduction of Scientific Presentations** Richard Dallalana, Australia Craig Ball, New Zealand
10:00 AM	**ES42.08 - From Planning to Performance: Clinical Outcomes of Optimal Lateralisation in Reverse Shoulder Arthroplasty** Ritwik Kejriwal, New Zealand
10:05 AM	**ES42.06 - Can We Improve Cuff Repair Healing Rates and Other Innovations. Give the Surgeon What Is Needed** Michael Sandow, Australia
10:10 AM	**ES42.07 - Scapulothoracic Motion Studies** Marc Hirner, New Zealand
10:15 AM	**ES42.05 - The Translational Shoulder: Applications of an Advanced Ex-Vivo Cadaveric Shoulder Simulator** Sumit Raniga, Australia
10:20 AM	**Case Presentation** Fraser Taylor, Australia Lizzie Bond, New Zealand
10:20 AM	**ES42.09 - A Shoulder Case** Andrew McBride, Australia
10:30 AM	**ES42.10 - Managing Elbow Instability With a Dysplastic Coronoid Process** Gregory Bain, Australia
10:40 AM	**ES42.11 - Corrective Osteotomy for Complex Clavicle Malunion With Virtual Planning and Patient-Specific Guides** Alexander Malone, New Zealand

10:50 AM ES42.12 - Distal Biceps Tendon Tears - Current Concepts
Simon MacLean, New Zealand

11:00 AM - 11:30 AM

Break / Visit Exhibitors / View ePosters

Break

West Ballroom CD

11:30 AM - 1:00 PM

ES43 - How to Manage Infection After Shoulder Arthroplasty

Education Session

Track: *Shoulder Arthroplasty*

109/110

Moderators: **Raul Barco, Spain; Andrew McBride, Australia; Eric Ricchetti, United States**

11:30 AM	**ES43.03 - Technique Video - Infected TSA - Two Stage Revision** Joaquin Sanchez-Sotelo, United States
11:38 AM	**ES43.01 - Lecture - Pearls and Pitfalls of Managing the Infected Shoulder Arthroplasty** Ruth Delaney, Ireland
11:46 AM	**ES43.02 - Technique Video - Infected TSA - Single Stage Revision** Brendan Patterson, United States
11:54 AM	**ES43.04 - Does Timing of Aseptic Revision Shoulder Arthroplasty Impact Rate of Prosthetic Joint Infection?** Andrew Ni, United States
11:58 AM	**ES43.05 - Prescription Testosterone Elevates the Risk of Infection-Related and All-Cause Reoperations After Primary Total Shoulder Arthroplasty** Jason Corban, Canada
12:02 PM	**ES43.06 - Comparison of 2018 Versus 2025 International Consensus Meeting Definitions for Periprosthetic Joint Infection of the Shoulder: How Do Criteria and Classifications Differ?** Jason Hsu, United States
12:06 PM	**ES43.07 - Should Deep Cultures Be Taken at the Time of Revision Shoulder Arthroplasty for Non-Infectious Etiologies?** Andrew Collins, United States
12:10 PM	**ES43.08 - Polyethylene Component in Reverse Total Shoulder Arthroplasty: Does Component Composition Impact Revision Rates in a United States-Based Shoulder Arthroplasty Registry?** Adam Khan, United States
12:14 PM	**ES43.09 - Assessment of Virulence Traits in Cutibacterium Acnes From Shoulder Periprosthetic Joint Infections** Thomas Duquin, United States
12:18 PM	**Discussion/Q&A** Raul Barco, Spain Andrew McBride, Australia
12:30 PM	**ES43.10 - Case-Based Panel Discussion** Eric Ricchetti, United States Sophie Grosclaude, France Ruth Delaney, Ireland Andrew McBride, Australia Brendan Patterson, United States Susan Sulzer, Chile

11:30 AM - 1:00 PM

ES44 - Coronoid Fractures: Pandora's Box

Education Session

Track: *Elbow Fracture*

114/115

Moderators: **Guillaume Herzberg, France; Rick Papandrea, United States; Niloofar Dehghan, United States**

11:30 AM	**ES44.01 - Lecture - Anteromedial Coronoid Fractures: What's New, What's Old, and What Does the Future Hold?** Armin Badre, Canada
11:38 AM	**ES44.02 - Technique Video - Surgical Fixation of Transulnar Basal Coronoid Fractures** Mark Morrey, United States
11:46 AM	**ES44.03 - Technique Video - Extended Medial Elbow Approach for Cornoid Fixation** Christian Spross, Switzerland
11:54 AM	**ES44.04 - Degree of Severity of Acute Terrible Triad Injuries** Guillaume Herzberg, France
11:58 AM	**ES44.05 - Coronoid Graft Reconstruction in Acute and Chronic Complex Elbow Instability: Short to Medium-Term Results of 24 Cases and Review of the Literature** Andrea Amura, Italy
12:02 PM	**ES44.06 - Elbow Fracture Dislocation Is Less More ? A Review of Outcomes of Conservative and Operative Interventions From a Single Center Using the Wrightington Classification.** David Clark, United Kingdom
12:06 PM	**ES44.07 - Coronoid Process Reconstruction Using Radial Head Autograft. A Case Series Analysis** Daniel Paccot, Chile
12:10 PM	**ES44.08 - Is Posterior Bundle MCL Repair Associated With Improve Stability in Varus Posteromedial Rotatory Instability? A Comparative Clinical Study** Humood Boqambar, Canada
12:14 PM	**ES44.09 - Novel Coronoid Reconstruction Using Patient-Specific 3D-Metal Printed Prosthesis and Guide for Comminuted Coronoid Process Fracture** Myung-Sun KIM, Republic of Korea
12:18 PM	**Discussion/Q&A** Guillaume Herzberg, France Rick Papandrea, United States
12:30 PM	**ES44.10 - Case-Based Panel Discussion** Niloofar Dehghan, United States Armin Badre, Canada Mark Morrey, United States Christian Spross, Switzerland Guillaume Herzberg, France Rick Papandrea, United States

11:30 AM - 1:00 PM

ES45 - The Irreparable Rotator Cuff: Tendon Transfers, Augmentation, and All Things Experimental

Education Session

Track: *Rotator Cuff*

205/207

Moderators: **Robert Tashjian, United States; Kotaro Yamakado, Japan; Guido Fierro, Colombia**

11:30 AM **ES45.01 - Case-Based Panel Discussion**

Robert Tashjian, United States
Guido Fierro, Colombia
Kerem Bilsel, Turkey
Melissa Wright, United States
Jin-Young Park, Republic of Korea
Bradford Parsons, United States
Kotaro Yamakado, Japan

11:55 AM **ES45.02 - Arthroscopic Biologic Tuberoplasty with Human Dermal Allograft has Equivalent Outcomes to Superior Capsule Reconstruction**

Raffy Mirzayan, United States

11:59 AM **ES45.03 - Biologic Augmentation Improves Rotator Cuff Integrity but Not Clinically Significant Patient Outcomes - a Meta-Analysis of Randomized Controlled Trials**

Jake Checketts, United States

12:03 PM **ES45.04 - Early Results on Clinical and Radiologic Comparisons of Arthroscopic Rotator Cuff Repair With Allogenous Acellular Dermal Graft Augmentation Between Patch Cushioning vs Patch Augmentation Technique**

Seung Jin Yoo, Republic of Korea

12:07 PM **ES45.05 - Patch Augmentation Using Acellular Dermal Matrix During Arthroscopic Rotator Cuff Repair Reduces Retear Rates in High-Risk Patients With Rotator Cuff Healing Index (RoHI) 7 or Higher**

Jae Soo Kim, Republic of Korea

12:11 PM **Discussion/Q&A**

Kotaro Yamakado, Japan

12:15 PM **ES45.06 - Case-Based Panel Discussion**

Guido Fierro, Colombia
Kerem Bilsel, Turkey
Melissa Wright, United States
Jin-Yong Park, Republic of Korea
Bradford Parsons, United States
Robert Tashjian, United States
Kotaro Yamakado, Japan

12:40 PM **ES45.07 - Mid-Term Outcomes of Combined Anterior Latissimus Dorsi and Teres Major Tendon Transfer for Irreparable Anterosuperior Rotator Cuff Tears**

Chang Hee Baek, Republic of Korea

12:44 PM **ES45.08 - Biological Collagen Matrix Membrane Augmentation of an Overlayed and Interlocked Nonwoven Polyethylene Terephthalate Patch for Rotator Cuff Repair Does Not Alter Biomechanical Properties**

Carmen Castroviejo, Switzerland

12:48 PM ES45.09 - Arthroscopically Assisted Lower Trapezius Transfer for Irreparable Posterosuperior Rotator Cuff Tears in Patients With Isolated External Rotation Deficit: Minimum 5-Year Long-Term Follow-up

Juan Lecaros, Chile

12:52 PM ES45.10 - The Weight and Torque of the Upper Limb: A Forgotten Parameter When Planning Tendon Transfer for Massive Irreparable Postero-Superior Rotator Cuff Tears (PSCT)

Guillaume Herzberg, France

12:56 PM Discussion/Q&A

Kotaro Yamakado, Japan

11:30 AM - 1:00 PM

ES46 - Elbow Complications

Education Session

Track: *Elbow*

212/214

Moderators: **Surena Namdari, United States; Robert Chan, Canada; Micah Nieboer, United States**

11:30 AM ES46.01 - Case Presentations #1 - Infected Arthroplasty

Surena Namdari, United States
Emilie Cheung, United States
Gregory Bain, Australia
Christopher Chuinard, United States
Robert Hotchkiss, United States
Joideep Phadnis, United Kingdom

12:00 PM ES46.02 - Case Presentations #2 - Pediatric Fractures

Robert Chan, Canada
Andrea Chan, Canada
Margo Dirckx, United Kingdom
Carmen Brauer, Canada
Carlos Prada, Canada
Kemble Wang, Australia

12:30 PM ES46.03 - Case Presentations #3 - Soft Tissue Failure

Micah Nieboer, United States
Raul Barco, Spain
Duane Anderson
Gia Rodríguez Vaquero, Spain
Raffy Mirzayan, United States
Michael O'Brien, United States

11:30 AM - 1:00 PM

ES47 - Periprosthetic Fractures: Techniques & Management

Education Session

Track: *Shoulder Fracture*

220/222

Moderators: **Emilie Cheung, United States; Taku Hatta, Japan; Osvandre Lech, Brazil**

11:30 AM	**ES47.01 - Lecture - Classification Schemes and Decision Making** Rui Claro, Portugal
11:38 AM	**ES47.02 - Technique Video - Internal Fixation** Niloofar Dehghan, United States
11:44 AM	**ES47.04 - Technique Video - Allograft-Prosthetic Composite** Pascal Boileau, France
11:52 AM	**ES47.05 - Technique Video - Metallic Modular Prosthesis** Vahid Entezari, United States
12:00 PM	**Technique Video - Stem Revision and Fracture Fixation** Joaquin Sanchez-Sotelo, United States
12:08 PM	**Discussion/Q&A** Emilie Cheung, United States Taku Hatta, Japan Osvandre Lech, Brazil
12:18 PM	**ES47.06 - Postoperative Periprosthetic Humerus Fractures After Shoulder Arthroplasty: Outcomes of Nonoperative Management** Christian Rosenow, United States
12:22 PM	**ES47.07 - Periprosthetic Humerus Fractures Confer Significant Morbidity and Mortality Over 2-Years After Fracture: A National Database Study** Nicholas Morriss, United States
12:26 PM	**ES47.08 - Operative Treatment Is Associated With Improved 3-Year Survival After Periprosthetic Humerus Fracture** Michael Moverman, United States
12:30 PM	**ES47.09 - Use of Onlay Cortical Strut Allograft in the Management of Periprosthetic Fractures of the Humerus. a Retrospective Case Series.** Nallamilli Rajyalakshmi Reddy, United Kingdom
12:34 PM	**Discussion/Q&A** Emilie Cheung, United States Taku Hatta, Japan Osvandre Lech, Brazil
12:39 PM	**ES47.10 - Treatment of Traumatic Periprosthetic Humeral Fractures in Reverse TSA** Ofer Levy, United Kingdom
12:43 PM	**ES47.11 - Surgical Management of a Traumatic Periprosthetic Glenoid Fracture Following Reverse Shoulder Arthroplasty** Neal Kapoor, United States
12:47 PM	**ES47.12 - Dual Plating and Cerclage Fixation in Treating Periprosthetic Fracture of Humerus After Reverse Shoulder Arthroplasty: The Indian Experience** Ram Chidambaram, India

12:51 PM **ES47.13 - The Effect of Technological Advances in Reverse Total Shoulder Arthroplasty on the Rate of Periprosthetic Acromion Fractures**

Jonathan Levy, United States

12:55 PM **Discussion/Q&A**

Emilie Cheung, United States
Taku Hatta, Japan
Osvandre Lech, Brazil

11:30 AM - 1:00 PM

ES48 - Posterior Shoulder Instability

Education Session

Track: *Shoulder Instability*

223/224

Moderators: **Bettina Hochreiter, Switzerland; Peter MacDonald, Canada; Jean-David Werthel, France**

11:30 AM	ES48.01 - Lecture - Posterior Instability - New Concepts in 2026 Peter MacDonald, Canada
11:38 AM	ES48.02 - Technique Video - Scapinelli - Tips and Tricks Bettina Hochreiter, Switzerland
11:46 AM	ES48.03 - Technique Video - SCOPE Procedure Jean-David Werthel, France
11:54 AM	ES48.04 - The Natural History of Traumatic Posterior Glenohumeral Dislocations in a High Risk Population Michael Deegan, United States
11:58 AM	ES48.05 - Scapular Morphology and Posterior Shoulder Stability: Biomechanical Evidence From an Advanced Cadaveric Shoulder Simulator Bettina Hochreiter, Switzerland
12:02 PM	ES48.06 - Clinical Outcomes of Scapular Corrective Osteotomy for Static and Dynamic Posterior Shoulder Instability Matthias Zumstein, Switzerland
12:06 PM	ES48.07 - The Influence of Posterior Translation of the Humeral Head on Outcomes in Patients Undergoing Arthroscopic Posterior Capsulolabral Repair Juan Lopez-Ovenza, Argentina
12:10 PM	ES48.08 - Increased Reliability of Two-Circle Method Compared to Best-Fit Method to Calculate Glenoid Boneloss Antonio Arenas-Miquelez, Spain
12:14 PM	Discussion/Q&A Bettina Hochreiter, Switzerland Peter MacDonald, Canada
12:30 PM	ES48.09 - Case-Based Panel Discussion Jean-David Werthel, France Bettina Hochreiter, Switzerland Jagwant Singh, United Kingdom Peter MacDonald, Canada Paolo Paladini, Italy Matthias Zumstein, Switzerland

1:00 PM - 2:30 PM

Lunch Break/ Visit Exhibitors/ View ePosters

Break

West Ballroom CD

1:30 PM - 2:30 PM

Industry Lunch Workshop - Arthrex - Arthrex ShowCase: Challenges of the Rotator Cuff Continuum – Repair to Replace

Industry Lunch Workshop

121/122

1:30 PM Arthrex ShowCase: Challenges of the Rotator Cuff Continuum - Repair to Replace

Raffy Mirzayan, United States
Bradford Parsons, United States
Brian Werner, United States

1:30 PM - 2:30 PM

Industry Lunch Workshop - Atreon Orthopedics - Not Just Another Augment: Rethinking Rotator Cuff Healing from Enthesis to Onlay

Industry Lunch Workshop

208/209

Moderator: **Jonathan Levy, United States**

1:30 PM Not Just Another Augment: Rethinking Rotator Cuff Healing from Enthesis to Onlay

Brian Badman, United States
Jacob Kirsch, United States
Midhat Patel, United States

1:30 PM - 2:30 PM

Industry Lunch Workshop - DePuy Synthes - To Repair or Reconstruct? Mastering Complex Shoulder Instability with Bone Loss

Industry Lunch Workshop

202/204

Moderator: **Jon Warner, United States**

1:30 PM To Repair or Reconstruct? Mastering Complex Shoulder Instability with Bone Loss

Jon Warner, United States
Peter Chalmers, United States
Grant Garrigues, United States

1:30 PM - 2:30 PM

Industry Lunch Workshop - Smith & Nephew - Handheld Robotics in Shoulder Arthroplasty: Plan with Confidence, Execute with Precision

Industry Lunch Workshop

118/120

Moderator: **Matthew Ramsey, United States**

1:30 PM Handheld Robotics in Shoulder Arthroplasty: Plan with Confidence, Execute with Precision

Armodios Hatzidakis, United States
Michael Freehill, United States
Christopher Klifto, United States

1:30 PM - 2:30 PM

Industry Lunch Workshop - Zimmer Biomet - Soft Tissue Repair in Focus: Technology, Technique, and Emerging Solutions

Industry Lunch Workshop

211

Moderators: **Eric Black, United States; Anand Murthi, United States**

1:30 PM Soft Tissue Repair in Focus: Technology, Technique, and Emerging Solutions

Eric Black, United States
Anand Murthi, United States

1:30 PM - 2:30 PM

Industry Lunch Workshop - ZuriMed - Mechanical Rotator Cuff Augmentation: Clinical Experience with the FiberLocker® System

Industry Lunch Workshop

116/117

1:30 PM Mechanical Rotator Cuff Augmentation: Clinical Experience with the FiberLocker® System

Justin Givens, United States

2:45 PM - 4:15 PM

ES49 - Navigation & Robotics in Shoulder Arthroplasty: Current State

Education Session

Track: *Shoulder Arthroplasty*

109/110

Moderators: **Stephanie Muh, United States; Mariano Menendez, United States; Mustafa Rashid, United Kingdom**

2:45 PM	**ES49.03 - Lecture - Mako Robotic System** Joaquin Sanchez-Sotelo, United States
2:53 PM	**ES49.01 - Lecture - Optical Navigation** Gabriella Ode, United States
3:01 PM	**ES49.02 - Lecture - Rosa Robotic System** Benjamin Cass, Australia
3:09 PM	**ES49.04 - Lecture - Cori Robotic System** Christopher Klifto, United States
3:17 PM	**ES49.05 - Lecture - Mixed Reality** Matthias Zumstein, Switzerland
3:25 PM	**Discussion/Q&A** Stephanie Muh, United States Mariano Menendez, United States Mustafa Rashid, United Kingdom
3:39 PM	**ES49.07 - Impact of Robotic-Assisted Surgery on Enhancing Stability of Stemless Shoulder Arthroplasty** Taku Hatta, Japan
3:43 PM	**ES49.08 - Early Adopter Surgeon Experience With Mako Robotic-Assisted Reverse Shoulder Arthroplasty: Perceived Utility, Workload, and Workflow Reliability** Mariano Menendez, United States
3:47 PM	**ES49.09 - Learning Curve and Operative Time Efficiency of Robotic-Assisted Total Shoulder Arthroplasty** Justin Givens, United States
3:51 PM	**Discussion/Q&A** Stephanie Muh, United States Mariano Menendez, United States Mustafa Rashid, United Kingdom
3:57 PM	**ES49.10 - Intraoperative Mixed-Reality-Assisted Navigation in Shoulder Arthroplasty: Accuracy and Early Clinical Outcomes** Julien Berhouet, France
4:01 PM	**ES49.11 - Learning Curve for rTSA Navigation Procedure With a Single System - a Large Scale Study** Bradley Schoch, United States
4:05 PM	**ES49.12 - Intraoperative Accuracy of Computer-Assisted Navigation for Treatment of Glenoids With Augmented Glenoid Components in Total Shoulder Arthroplasty** Tej Joshi, United States
4:09 PM	**Discussion/Q&A** Stephanie Muh, United States Mariano Menendez, United States Mustafa Rashid, United Kingdom

2:45 PM - 4:15 PM

ES50 - Proximal Ulna Fractures

Education Session

Track: *Elbow Fracture*

114/115

Moderators: **Maria Valencia Mora, Spain; Armin Badre, Canada; Joideep Phadnis, United Kingdom**

2:45 PM **ES50.01 - Lecture - Proximal Ulnar Fractures: Making the Complex Manageable**
Andrew Choo, United States

2:53 PM **ES50.02 - Technique Video - Surgical Fixation of a Monteggia Fracture**
Jennifer Tangtiphaiboontana, United States

3:01 PM **ES50.03 - Technique Video - Tension Band Suture Fixation of an Olecranon Fracture**
Joideep Phadnis, United Kingdom

3:09 PM **ES50.04 - The Injectable Ceramic Bone Substitute Augmentation Technique With Bridging Plates for Comminuted Olecranon Fractures: Clinical and Radiographic Investigation With a Minimum Follow-up of Two Years**
Angelo De Crescenzo, Italy

3:13 PM **ES50.05 - Operative Versus Nonoperative Management of Olecranon Fractures in Low-Demand Patients: A Multi-Center Analysis of 1-Year Complications**
Yijie Luo, United States

3:17 PM **ES50.06 - Utility of Intraosseous Wiring for the Management of Comminuted Olecranon Fracture-Dislocations**
Sadaaki Tsutsui, Japan

3:21 PM **ES50.07 - Dual Suture Fixation for Olecranon Fractures: A Metal-Sparing Technique**
Sadaaki Tsutsui, Japan

3:25 PM **ES50.08 - How Does a Prior Olecranon Osteotomy Impact the Outcome of Subsequent Elbow Replacement Surgery?**
Daniel You, Canada

3:29 PM **ES50.09 - Ozonated Sterile Water as an Antiseptic Irrigation Solution, an In Vitro Study**
Emil Espinal, United States

3:33 PM **Discussion/Q&A**
Maria Valencia Mora, Spain
Armin Badre, Canada

3:45 PM ES50.10 - Case-Based Panel Discussion
Joideep Phadnis, United Kingdom
Andrew Choo, United States
Jennifer Tangtiphaiboontana, United States
Armin Badre, Canada
Steve Papp, Canada
Maria Valencia Mora, Spain

2:45 PM - 4:15 PM

ES51 - Complications of Rotator Cuff Surgery

Education Session

Track: *Rotator Cuff*

205/207

Moderators: **Karl Wieser, Switzerland; Basim Fleega, Egypt; Richard Lloyd, New Zealand**

2:45 PM	**ES51.01 - Case-Based Panel Discussion** Karl Wieser, Switzerland Humberto Arrué, Panama Christian Lozano, Chile Alberto Rivera Rosado, Puerto Rico Jonathan Ticker, United States
3:10 PM	**ES51.02 - Smoking Cessation for Three Years Is Required to Achieve Retear Rates Comparable to Those of Nonsmokers Following Rotator Cuff Repair** Hsien-Hao Chang, Republic of Korea
3:14 PM	**To Be Confirmed**
3:18 PM	**ES51.04 - Randomized Controlled Trial Shows Only Small Differences When a Normal Long Head of Biceps Tendon Is Preserved Instead of Being Released During Repair of Isolated Stage 1 Supraspinatus Tears** Julien Berhouet, France
3:22 PM	**ES51.05 - Fatty Infiltration in Chronic Rotator Cuff Injury Induces Neuropathic Pain Significantly Alleviated With Gabapentin** Brian Feeley, United States
3:26 PM	**Discussion/Q&A** Basim Fleega, Egypt
3:30 PM	**ES51.06 - Case-Based Panel Discussion** Richard Lloyd, New Zealand Humberto Arrué, Panama Christian Lozano, Chile Alberto Rivera Rosado, Puerto Rico Jonathan Ticker, United States
3:55 PM	**ES51.07 - Prediction of Probabilities of Reparability of Rotator Cuff Tear From Shoulder MRI : Analysis and Comparison of Deep-Learning Model** Jae Sung Yee, Republic of Korea
3:59 PM	**ES51.08 - Comparison of the Characteristics of Retear Cases After Arthroscopic Rotator Cuff Repair Between Shoulders With Good or Poor Outcomes** Tomoyuki Matsuba, Japan
4:03 PM	**ES51.09 - Surgical Outcomes of Weight-Bearing Shoulders: Arthroscopic Rotator Cuff Repair and Reverse Shoulder Arthroplasty** Jae-Sung Park, Republic of Korea
4:07 PM	**ES51.10 - Pilot Biomechanical Study of Complex Upper-Limb Movements in RSA Patients Using Inertial Sensors: Feasibility of Sport-Specific Gestures** Giorgio Ippolito, Italy
4:11 PM	**Discussion/Q&A** Basim Fleega, Egypt

2:45 PM - 4:15 PM

ES52 - Elbow Arthroscopy for Acute Trauma

Education Session

Track: *Elbow Fracture*

212/214

Moderators: **Juan de Dios Pomes, Chile; Larry Field, United States; Yousif Atwan, Canada**

2:45 PM	ES52.01 - Lecture - Arthroscopic Fixation of Coronoid Fractures Alessandra Colozza, Italy
2:53 PM	ES52.02 - Technique Video - Arthroscopic Fixation of Radial Head Fractures Enrico Guerra, Italy
3:01 PM	ES52.03 - All-Arthroscopic Procedure for Terrible Triad Injuries Is an Effective Treatment Option at a Midterm Follow-up Period of a Minimum of 6 Years Han Seok Ko, Republic of Korea
3:05 PM	ES52.04 - The Medial Gutter Portal Provides an Expanded Visible Working Distance for Posteromedial Elbow Arthroscopy: A Cadaveric Study Jiong Yu, China
3:09 PM	ES52.05 - Safety and Clinical Outcomes of the Medial Gutter Portal in Elbow Arthroscopy: A Case Series Jiong Yu, China
3:13 PM	ES52.06 - Technique Video - Arthroscopic Fixation of Capitellum Fractures Yiyang Zhang, Canada
3:21 PM	ES52.07 - Lecture - Arthroscopic Fixation of Lateral Condyle Fractures Bradford Parsons, United States
3:33 PM	Discussion/Q&A Juan de Dios Pomes, Chile Larry Field, United States
3:45 PM	ES52.08 - Case-Based Panel Discussion Yousif Atwan, Canada Juan de Dios Pomes, Chile Alessandra Colozza, Italy Enrico Guerra, Italy Yiyang Zhang, Canada Bradford Parsons, United States

2:45 PM - 4:15 PM

ES53 - The Future of Shoulder Surgery

Education Session

Track: *Shoulder*

220/222

Moderators: **Robert Tashjian, United States; Frederick Matsen, United States**

2:45 PM **ES53.01 - Symposium 1 - Robotics, Navigation, and Immersive Reality**

Robert Tashjian, United States
Patrick Connor, United States
Joseph Coory, Australia
Thomas Duquin, United States
Natascha Kraus-Spieckermann, Germany
Thomas (Quin) Throckmorton, United States

3:30 PM **ES53.02 - Symposium 2 - Artificial Intelligence - Where Do We Go From Here?**

Frederick Matsen, United States
Francesco Franceschi, Italy
Dimitra Leivadiotou, United Kingdom
Joaquin Sanchez-Sotelo, United States
Thomas (Quin) Throckmorton, United States

2:45 PM - 4:15 PM

ES54 - International Perspectives: North America

Education Session

Track: *International Perspectives*

223/224

Moderators: **Patrick Denard, United States; Jay Keener, United States; Dominique Rouleau, Canada**

2:45 PM To Be Confirmed

2:50 PM ES54.01 - The Rotator Cuff in North American from 2000 to 2026: Are We Any Better?
Felix Savoie, United States

3:00 PM ES54.02 - Natural History Lessons - When Should We Intervene?
Jay Keener, United States

3:10 PM Discussion of Lectures 1&2 and Introduction of Scientific Presentations
Dominique Rouleau, Canada

3:15 PM ES54.03 - BMAC and PRP as Adjuvants for Rotator Cuff Repair - What Is the Evidence?
Surena Namdari, United States

3:20 PM ES54.04 - Preliminary Results of Dermal Allograft Augmentation in Large and Massive Tears
Patrick Denard, United States

3:25 PM ES54.05 - Dermal Allograft Augment vs Bioinductive Implant vs Repair
Robert Tashjian, United States

3:30 PM Discussion
Dominique Rouleau, Canada

3:35 PM ES54.06 - Case Discussion
Patrick Denard, United States
Felix Savoie, United States
Surena Namdari, United States
Robert Tashjian, United States
Jay Keener, United States

4:30 PM - 5:00 PM

IHL06 - Codman Lectureship - Jon J.P. Warner - Codman's Values: An Anachronism?

Invited Honorary Lecture

West Ballroom AB

4:30 PM IHL06.01 - Codman's Values: An Anachronism?
Jon Warner, United States

5:00 PM - 5:30 PM

Closing Ceremony

West Ballroom AB

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BASIC SCIENCE

BS01.01 - Anatomic Determinants of Lesser Tuberosity Perfusion Following Anterior Humeral Circumflex Artery Ligation: A Cadaveric CT Study
Cameron Guy, United States

BS01.02 - Frequency-Depth Divergence in Hill-Sachs Lesions: A 3D Heatmap Analysis
Ausberto Velasquez Garcia, United States

BS01.03 - The Capsuloligamentous Complex Is a Key Inducer of Cartilage Degeneration in the Rat Cuff Tear Arthropathy Model
Kohei Uekama, Japan

BS01.04 - Sizing of Circular Stemless Humeral Implants Can Cause Challenges Fitting Within the Asymmetric Metaphysis Narrowed by Anatomic and Surgical Variability
Kyle Snethen, United States

BS01.05 - Effect of Supraspinatus Tendon Lateralization on Suprascapular Nerve Tension: A Cadaveric Biomechanical Study
Garrett Berger, United States

BS01.06 - Impact of Substance P and Calcitonin Gene-Related Peptide Antagonists on Rat Model of Stiff Shoulder
Youngseo Park, Republic of Korea

BS01.07 - Effect of Humeral Bone Tunnel Location and Fixation Angle on Valgus Stability in UCL Internal Bracing: A Cadaveric Biomechanical Study
Shota Hoshika, Japan

BS01.08 - Population Specific Optimization of Glenosphere Size in Reverse Shoulder Arthroplasty Based on Sex and Height: A Japanese Statistical Shape Model Based Computational Simulation Study
Ryosuke Iio, Canada

BS01.09 - Statistical Shape Modeling Identifies Four Independent Morphological Drivers of Hill-Sachs Lesions
Ausberto Velasquez Garcia, United States

BS01.10 - Comparison of the Diamond Pop-up Approach and Van Gorder Approach for Total Elbow Arthroplasty: A Biomechanical Study of Joint Laxity
James Fitzsimmons, United States

BS01.11 - From Tear to Repair: Transcriptomic Signatures Underpin Rotator Cuff Tendon Healing - a Prospective Clinical and Laboratory Based Study
Richard Page, Australia

BS01.12 - When Pseudoparalysis Occurs in Rotator Cuff Tears: A Biomechanical Study of Tear Progression
Sungyoon Cho, Republic of Korea

BS01.13 - Does Humeral Head Size Predict the Lateralization Required to Preserve Near-Anatomic Posterosuperior Rotator Cuff Length in Reverse Shoulder Arthroplasty?
Stefan Bauer, Switzerland

BS01.14 - Deep Learned Models to Identify Intraoperative Blood Loss in Primary Shoulder Arthroplasty Surgery
Raahil Patel, United States

BS01.15 - Initial Stability of Stemless Shoulder Implants Is Dominated by Design, Not Press-Fit
Kyle Snethen, United States

BS01.16 - Non-Thermal Atmospheric Pressure Gas Discharge Plasma Enhances Tendon-to-Bone Junction Repair in a Rabbit Model
Katsumasa Nakazawa, Japan

BS01.17 - The Impact of Inlay Versus Onlay Reverse Shoulder Arthroplasty Designs in Extra-Articular Impingement: A Computational Study
Andreas Kontaxis, United States

BS01.18 - Kinematic Analysis of Shoulder and Scapular Motion Following Reverse Total Shoulder Arthroplasty
Joo Han Oh, Republic of Korea

BS01.19 - Maximal Scapular Protraction Increases the Safety Distance of the Spinal Accessory Nerve During Lower Trapezius Tendon Harvest a Cadaveric Study
Abdulilah Hachem, Spain

BS01.20 - Glenohumeral Kinematics Throughout Humerothoracic Abduction Are Associated With Scapular Morphology
Benjamin Zmistowski, United States

BS01.21 - Rotator Cuff Tears Was Caused by CYBA, a Key Oxidative Stress-Related Gene
Kazuki Yoshida, Japan

BS01.22 - The Effect of Humeral Distalization in Reverse Total Shoulder Arthroplasty on Muscle Function, Scapular Strain, and Joint Load During Simulated Active Motion: An Ex-Vivo Biomechanical Study

Richard Appleyard, Australia

BS01.24 - Effect of Polydeoxyribonucleotide and Polynucleotide Combined With Platelet Rich Plasma on Healing and Fatty Degeneration of Rotator Cuff in Rat Model

Jung-Taek Hwang, Republic of Korea

BS01.25 - Optimization of Patient Specific Glenosphere Positioning in Reverse Shoulder Arthroplasty Based on Rotator Cuff Conditions: A Cadaveric Biomechanical Simulation Study

Ryosuke Iio, Canada

BS01.26 - Both Hamstring and Achilles Tendon Are Biomechanically Safe for Lower Trapezius Tendon Transfer

Nadhaporn Saengpetch, Thailand

BS01.27 - The Influence of the Coracoacromial Ligament on Acromial Strain and Deltoid Recruitment in Reverse Total Shoulder Arthroplasty

Julian Hasler, Australia

BS01.28 - Evaluation of Acid Production as a Metabolic Phenotype in Cutibacterium acnes Shoulder Periprosthetic Joint Infections: A Pilot Study

Thomas Duquin, United States

BS01.29 - Comparison of the Accuracy of Preoperative Measurement of the Size of Full Thickness Posterosuperior Rotator Cuff Tears Using Automatic Deep-Learning Based Software Versus Manual Method.

José Rojas, Chile

BS01.30 - Teres Minor Circle and Subscapularis Lengthening Patterns During Forward Elevation in Lateralized Reverse Total Shoulder Arthroplasty

Erica Lante, Switzerland

BS01.31 - Bone Densities in E2 Type Glenoids: Variations and Orientational Distributions

Moritz Klarer, Canada

BS01.32 - There Is Gain With Pain: An Evaluation of the Elastographic Stiffness of the Supraspinatus Tendon in Adhesive Capsulitis

Yash Agrawal, Australia

BS01.33 - Polypropylene Mesh Reinforcement Does Not Improve Acute Biomechanical Properties in Superior Capsular Reconstruction: An Ovine Model Study

Ata Can Atalar, Turkey

BS01.34 - A Description of Functional Internal Rotation of the Shoulder in a Healthy Patient Cohort: A Motion Analysis Study

Bettina Hochreiter, Switzerland

BS01.35 - Is Implant Wear and Corrosion Associated With Aseptic Loosening in Anatomic and Reverse Total Shoulder Arthroplasty? A Retrieval Analysis

Zaamin Hussain, United States

BS01.36 - Use of Generative AI to Establish Optimal Position of Superior Screw Holes in Glenoid Baseplate Designs
Kristine Italia, Australia

BS01.37 - Are There Differences in Wear Modes, Debris Type, and Tissue Response Between Anatomic and Reverse Shoulder Arthroplasties?
Zaamin Hussain, United States

BS01.38 - The Effect of Component Lateralization in Reverse Total Shoulder Arthroplasty on Muscle Function and Scapular Strains During Simulated Active Motion: An Ex-Vivo Biomechanical Study
Richard Appleyard, Australia

BS01.39 - Intra-Patient Phenotypic Heterogeneity of Cutibacterium acnes Predicts Recurrent Infection in Shoulder Arthroplasty
Thomas Duquin, United States

BS01.40 - Detection of Little Leaguer's Elbow by Ultrasonography With Deep Learning
Kenta Sato, Japan

BS01.41 - Biochemical Analysis of Synovial Xylosyltransferase-1 (XT-1) and Lysyl Oxidase (LOX) Enzyme Activity in Adhesive Capsulitis of the Shoulder
Agnieszka Halm-Pozniak, Germany

BS01.42 - Effect of Mesenchymal Stem Cell-Derived Exosome on Tendon Healing in Rat Cuff Repair Model
Jung-Taek Hwang, Republic of Korea

BS01.43 - Hydrophilic Versus Non-Hydrophilic High-Tensile Strength Sutures During Lesser Tuberosity Osteotomy Repair in Total Shoulder Arthroplasty: A Biomechanical Study
Samuel Mircoff, United States

BS01.44 - Prediction of Premorbid Glenoid Shape in Complex Shoulder Arthroplasty Using Artificial Intelligence: Statistical Shape Model Approach
Kristine Italia, Australia

BS01.45 - Validation of a 3D Pre-Operative Planning Software for Shoulder Arthroplasty
Mario Henrique Lobao Goncalves, United States

BS01.47 - Differences in Pre-Operative Computed Tomography Based Radiomic Measurements of Osteoarthritic Patients With Walch B2/B3 and Walch A1/A2/B1 Glenoids
Bradley Schoch, United States

BS01.48 - Genetic Variants Associated With Revision Surgery After Rotator Cuff Repair: A Genome-Wide Association Study (GWAS) From the VA's Million Veteran Program
Robert Tashjian, United States

BS01.49 - Shoulder Osteoarthritis: How the Transcriptome and Metabolic Syndrome Correlate With End-Stage Disease
Richard Page, Australia

BS01.50 - Differential Transcriptomic Signatures in Adhesive Capsulitis
Márcio Schiefer, Brazil

BS01.51 - Pre-Operative Glenohumeral and Scapulothoracic Kinematics in Reverse Shoulder Arthroplasty: A Dynamic Neuromuscular Analysis Using EMG and 3D Motion Capture
Anna Thomson, Australia

BS01.52 - Type of Lateralization in Reverse Total Shoulder Arthroplasty Impacts Both Moment Arms and Muscle Force Generation
Andreas Kontaxis, United States

BS01.53 - Biomechanics of the Shoulder With Rotator Cuff Tears
Minoo Patel, Australia

BS01.54 - Proteomics of the Synovial Fluid in Patients With Acute and Chronic Rotator Cuff Tears and Rotator Cuff Tear Arthropathy
Joseph Galvin, United States

BS01.55 - Association Between Door Openings and Air Particle Counts in Operating Rooms
Peter Lapner, Canada

BS01.56 - The Effects of Superior Capsule Reconstruction on Anterior Latissimus Dorsi Transfer for Irreparable Anterosuperior Rotator Cuff Tears: A Dynamic Biomechanical Analysis
Sanghyeon Lee, Republic of Korea

Glenoid Baseplate Micromotion and Migration in Reverse Total Shoulder Arthroplasty: A Biomechanical Comparison of Simple Wedge and Biplanar Grafts
Aaron Bois, Canada

ELBOW ARTHRITIS

EA01.01 - Score Early, Heal Early: RUSHU as a Decision-Making Tool for Humeral Shaft Fractures
David Clark, United Kingdom

EA01.02 - Relationship Between the Amount of Radial Head Proximal Migration Based on the Ulnar Coronoid Process and CT Nishinaka Classification in Patients With Osteochondritis Dissecans of the Capitellum
Hiroki Okada, Japan

EA01.03 - Long Term Durability of Elbow Interposition Arthroplasty With Preservation of the Collateral Ligaments
Marissa Dearden, United States

EA01.04 - Mid- to Long-Term Outcomes of Nexel Total Elbow Arthroplasty
Sadaaki Tsutsui, Japan

EA01.05 - Long Term Survival of the Discovery Total Elbow Replacement: Minimum 10-Year Follow Up
David Clark, United Kingdom

ELBOW FRACTURE

EF01.01 - A New Comprehensive Classification of Proximal Ulna and Radius Fracture-Dislocations
Guillaume Herzberg, France

EF01.02 - Prognostic Value of the Osborne-Cotterill Lesion in Surgically Treated Elbow Fracture-Dislocations a Retrospective Cohort Study
Manuel Lobos, Chile

EF01.03 - Radiological Appearance of Four Different Radial Head Prostheses in Relation to the Coronoid Process
Klaus Burkhart, Germany

EF01.04 - All-Arthroscopic Treatment for Terrible Triad Injuries: Minimum of 2 Years Follow Up.
JeongWoo KIM, Republic of Korea

EF01.05 - Isolated Fractures of One Column (Medial or Lateral) of the Distal Humerus:Outcomes After Open Reduction and Internal Fixation
Jennifer Tangtiphaiboontana, United States

EF01.06 - Comparison of Outcomes Between Primary Total Elbow Arthroplasty and Plate Osteosynthesis in Distal Humerus Fractures With Concomitant Osteoporosis
Jun-Hyuk LIM, Republic of Korea

EF01.07 - Mid-Term Clinical Results of Anatomic Low-Profile Locking Plates in the Treatment of Radial Head Fractures: A Consecutive Series of 57 Patients
Beatrice Caressa, Italy

EF01.08 - Intraoperatively Visualization of the Anterolateral and Dorsolateral Ulnohumeral Joint Space Is Reliable to Indicate Overlengthening in Mono- and Bipolar Radial Head Arthroplasty
Jules-Nikolaus Rippke, Switzerland

EF01.09 - Clinical and Radiographic Outcomes of Anteroposterior Versus Posteroanterior Screw Fixation in Isolated (Dubberly 1A) Capitellum Fractures
Amir Kachooei, United States

EF01.10 - Distal Humerus Articular Surface Exposure - a Cadaveric 3D-Scanning Comparison of Four Surgical Approaches
Sebastian Wangler, Switzerland

EF01.11 - Frailty and Humerus Fractures Independently Predict 12 Month Mortality: A Retrospective Cohort Study
Zaid Hamoodi, United Kingdom

EF01.12 - Is Anatomical Radial Head Arthroplasty More Effective for Acute or for Chronic Traumatic Lesions? A Retrospective Cohort Study
Giuseppe Bardellini, Italy

EF01.13 - Distal Humerus Hemiarthroplasty for Acute and Salvage Fractures: Case Series
Nadia Gill, United States

ELBOW INSTABILITY

EI01.02 - Surgical Management of UCL Injuries in Competitive Gymnasts
Andrew Rees, United States

EI01.03 - Ligament Reconstruction Around the Elbow With Synthetic Grafts: A Retrospective Observational Study Comparing the Outcome to Autograft.
Eva Grice, United Kingdom

EI01.04 - Understanding the Osborne-Cotterill Lesion: A Scoping Review of Clinical Relevance and Management Strategies
Sandeep Nayar, United Kingdom

EI01.05 - A Systematic Review and Meta-Analysis of MRI Lesional Patterns in Simple Elbow Dislocation: MCL Is Involved in Half of the Events
Valeria Vismara, Italy

EI01.06 - Radiologic Measurements in Simple Elbow Dislocation: Comparison With MRI-Normal Elbows and Reference Ranges
Sang-Pil So, Republic of Korea

EI01.07 - Sports Activity Level Is a Stronger Predictor for Functional Outcomes After Elbow Dislocation Than the Initial Injury Grade at 1-Year Follow-up
Maciej Simon, Germany

EI01.08 - Conservative Treatment of Simple Elbow Dislocations: Can Full ROM Be Achieved? A Systematic Review and Meta-Analysis.
Valeria Vismara, Italy

EI01.09 - Return to Sport After Ulnar Collateral Ligament Repair and Reconstruction
Peter Chalmers, United States

ELBOW NEUROLOGICAL

EN01.01 - Entrapment of the Lateral Cutaneous Nerve of the Forearm in Competitive Weightlifters: A Case Series With Medium and Long-Term Follow-up
Giuseppe Bardellini, Italy

EN01.02 - A Machine Learning-Based Approach for Predicting Clinical Improvement After Surgical Treatment of Idiopathic Cubital Tunnel Syndrome
Jun-Hyuk LIM, Republic of Korea

ELBOW – OTHER/MISCELLANEOUS

EO01.01 - Evaluating Generative Artificial Intelligence's Ability to Create and Modify Personalized Return-to-Sport Throwing Programs for Throwing Athletes
Derek Papp, United States

EO01.02 - Predictors of Strength After TEA: Retrospective Study on 43 Elbows
Dominique M Rouleau, Canada

EO01.03 - 3D Rendering of OCD Lesions: Determination of of OCD Lesion Size and Location and Pattern Characteristics
Valeria Vismara, Italy

EO01.04 - Mid- to Long-Term Outcomes of Total Elbow Arthroplasty in Contemporary Practice
Surena Namdari, United States

EO01.05 - Fragment Tilt onCT Scan and High Fluid Signal on Magnetic Resonance Imaging Are Independent Risk Factors for Ostechondritis Dissecans Lesion Instability Through Rocking Horse Mechanism
Valeria Vismara, Italy

EO01.06 - Diagnostic and Predictive Value of Cross-Sectional Imaging Modalities in Diagnosing Distal Biceps Tendon Ruptures
William Aibinder, United States

EO01.07 - Total Elbow Arthroplasty: A Scoping Review of Optimal Triceps Management
Dominique Rouleau, Canada

EO01.08 - Stem Design in Radial Head Arthroplasty: A Systematic Review and Meta-Analysis
Harry Beale, United Kingdom

EO01.09 - Comparing Biceps and Triceps Muscle Oxygenation Using Near Infra-Red Spectroscopy in Healthy Participants UsingBlood Flow Restriction
Amir Kachooei, United States

EO01.10 - Functional Outcomes of Surgical Treatment for Lateral Epicondylitis and Associated Pathologies in Manual Workers Under Workers' Compensation
Ignacio Correa, Chile

EO01.11 - The Efficacy and Risk Factors of Tendon Debridement and Repairing for Concurrent Recalcitrant Lateral and Medial Epicondylitis
Yi Lu, China

EO01.12 - Injury and Economic Burden of Upper Extremity Injuries in Major League Baseball Pitchers: A Retrospective 11-Year Analysis (2015-2025)
Michael Mastroianni, United States

EO01.13 - Comparison of Clinical Outcomes and Complications of Unicortical vs Bicortical Button Fixation of Distal Biceps Tendon Tears
Armin Badre, Canada

EO01.14 - The Effect of Humeral Stem Length on Cortical Load Transfer Under Varus and Valgus Loading in Total Elbow Arthroplasty
Yingtong Gao, Canada

EO01.15 - Postoperative Weight Lifting Restrictions After Total Elbow Arthroplasty: A Survey of Orthopedic Surgeons and Postoperative Patients Across the USA
Sarthak Chakravarty, United States

EO01.16 - Availability and Readability of English and Spanish Online Patient Education Materials for Ulnar Collateral Ligament Surgery: Lost in Translation
Evan Bailey, United States

EO01.17 - Comparing Injury Rate, Injured List Stints, and Injury Type in MLB Pitchers Before and After Pitch Clock Implementation
Ty Langford, United States

EO01.19 - Articular Involvement in Chronic Lateral Elbow Pain and Its Correlation to Pain Duration: No Longer a Merely Extra-Articular Condition
Valeria Vismara, Italy

EO01.20 - Comparison of SPOC Versus Endobutton Surgical Techniques for the Repair of Acute Distal Biceps Ruptures
Nick Aloi MD, United States

EO01.21 - Outcomes of Inlay Versus Onlay Technique for Operative Management of Distal Biceps Tendon Rupture
Steven Leary, United States

EO01.22 - Interobserver Reliability of the Biceps Crease Interval and Its Relationship to Function, Strength, and Cosmesis After Distal Biceps Repair
Robert Chan, Canada

EO01.23 - Radial Head Donor Graft for Capitellum Osteochondral Autograft Transfer: How Much Is Too Much?
Bryan Adams, United States

EO01.24 - The Laptop Test for Diagnosing Lateral Epicondylitis
Micah Nieboer, United States

EO01.25 - Preoperative Depression Increases the Likelihood of Surgery and Postoperative Complications in Patients With Epicondylitis
Joseph Abboud, United States

EO01.26 - Total Elbow Arthroplasty: A Scoping Review of Optimal Implants Positioning
Dominique Rouleau, Canada

EO01.27 - Long-Term Clinical and Radiological Outcomes of Distal Biceps Repair Using a Single-Incision Technique With Inlay Fixation and a Bicortical Suspensory System
María Brotat Rodríguez, Spain

EO01.28 - Factors Influencing Implant Selection and Fixation in Radial Head Arthroplasty: A Qualitative Analysis of Surgeon Decision-Making in the UK
Harry Beale, United Kingdom

ROTATOR CUFF

RC01.01 - Superior Capsular Reconstruction Compared With Reverse Total Shoulder Arthroplasty for the Treatment of Irreparable Massive Rotator Cuff Tears Without Glenohumeral Arthritis: A Systematic Review With Meta-Analysis
J. Michael Wiater, United States

RC01.02 - Associations of Patient, Disease-Specific, and Surgical Factors With Postoperative Patient Reported Outcomes in Patients Undergoing Primary Arthroscopic Rotator Cuff Repair
Sambit Sahoo, United States

RC01.03 - Biomechanical Evaluation of Lower Trapezius Transfer in Irreparable Anterosuperior Rotator Cuff Tears
Su Cheol Kim, Republic of Korea

RC01.04 - AI-Driven Digital Rehabilitation With Automated Motion and Strength Assessment for Shoulder Diseases: Results From Two KMFDS-Approved Exploratory Randomized Pilot Trials
Jong-Ho Kim, Republic of Korea

RC01.05 - The Influence of Rotator Cuff Status on Revision Rate and Outcomes After Reverse Shoulder Arthroplasty
Maurits Olthof, Switzerland

RC01.06 - Normalization of Humeral Force Generation Following Lower Trapezius Tendon Transfer
Aman Chopra, United States

RC01.07 - Anti-Leukotriene Receptor Blockers Improve Tendon-Bone Interface Healing in a Rat Model of Acute Rotator Cuff Tear
Jong Pil Yoon, Republic of Korea

RC01.08 - Patient Specific Humeral Guides Improve the Precision of Retroversion and Valgus Correction in Reverse Shoulder Arthroplasty
Heedong Lee, Republic of Korea

RC01.10 - Calcific Tendinitis of the Shoulder: A Novel Classification and Related Treatment Strategies
Mehmet Demirhan, Turkey

RC01.11 - Do We Need a Graft?A Meta-Regression Analysis of Clinical Outcomes After Biceps Rerouting, Superior Capsular Reconstruction Using Biceps Tendon and Fascia Lata Autografts.
Adam Kwapisz, Poland

RC01.12 - Differentiating Shoulder Pathologies Through Functional Survey Analysis and Machine Learing-Based Classification
Sung-Min Rhee, Republic of Korea

RC01.13 - Preoperative 3-Dimensional Rotator Cuff Muscle Volume as a Predictor of Postoperative Retear Following Arthroscopic Rotator Cuff Repair
Kyosun Hwang, Republic of Korea

RC01.14 - Outcomes of Reverse Total Shoulder Arthroplasty With Lateralized Implant in Patient With High Grade of Fatty Infiltration of Infraspinatus and Teres Minor Muscle
Hyun Gon Kim, Republic of Korea

RC01.15 - Autogenous Adipose Tissue Derived Stromal Vascular Fraction in Repair of Large-to-Massive Rotator Cuff Tear
Seung Min Bang, Republic of Korea

RC01.16 - Biomechanical Comparison of Pulvertaft Versus Patch-Augmented Side-to-Side Fixation for the Lower Trapezius-Achilles Tendon Junction in Tendon Transfer
Bettina Hochreiter, Switzerland

RC01.17 - Short-Term Value of Arthroscopic Rotator Cuff Repair:A Value-Based Healthcare Approach
Juan Arturo Hurtado, Peru

RC01.18 - Effect of Suprascapular and Axillary Nerve Blocks on Postoperative Pain and Pain-Related Cytokines After Arthroscopic Rotator Cuff Repair: A Randomized Controlled Trial
Jung-Taek Hwang, Republic of Korea

RC01.19 - The Influence of Rotator Cuff Status on Revision Rate and Function After Anatomic Shoulder Arthoplasty
Maurits Olthof, Switzerland

RC01.20 - Comparison of Arthroscopic Rotator Cuff Repair With and Without Acromioplasty: A Clinical and Radiologic Study
Jungmin Jo, Republic of Korea

RC01.21 - Influence of Rotator Cuff Integrity and Canal Filling Ratio on Stress Shielding in Press-Fit Short Stem Reverse Total Shoulder Arthroplasty
Joo Han Oh, Republic of Korea

RC01.22 - Comparative In Vitro Evaluation of Three Bioengineered Scaffolds for Rotator Cuff Repair: Mechanical Properties vs. Biologic Response
Amir Kachooei, United States

RC01.23 - Comparing Reverse Total Shoulder Arthroplasty With Versus Without Subscapularis Repair at Short-Term Follow-up
Andrew Barcenas, United States

RC01.24 - Use of Nonsteroidal Anti-Inflammatory Drugs Is Associated With Increased Rates of Subsequent Rotator Cuff Repair Surgery Following Arthroscopic Rotator Cuff Repair: A Database Cohort Study of126,050 Patients
Nicholas Morriss, United States

RC01.25 - Effect of Parathyroid Hormone on Microarchitecture and Biomechanical Properties of the Bone-to-Suture Anchor Interface in a Rabbit Model of Disuse Osteoporosis
Joo Han Oh, Republic of Korea

RC01.27 - Introducing the Subscapularis Tear Prediction Index: A Novel Machine Learning Enhanced Approach to Detect Partial Subscapularis Tendon Tears
Ata Can Atalar, Turkey

RC01.28 - Is Medial Row Anchor Necessary in Arthroscopic Rotator Cuff Repair? A Randomized Control Trial
Yi Lu, China

RC01.29 - The Effect of Time Interval From MRI to Rotator Cuff Repair on Full Thickness Rotator Cuff Tear Size: Imaged vs. Intraoperative
Gregory Nicholson, United States

RC01.30 - Comparison of Superior Capsular Reconstruction Versus Biodegradable Balloon Spacer Implantation for Treatment of Irreparable Rotator Cuff Tears
Caitlin Kacena, United States

RC01.31 - Reverse Shoulder Arthroplasty Demonstrates Significantly Lower Postoperative Pain and Narcotic Consumption Compared to Arthroscopic Rotator Cuff Repair
Raffaele Grasso, Canada

RC01.32 - Perioperative GLP-1 Receptor Agonist Use Is Not Associated With Increased Postoperative Complications Following Rotator Cuff Repair
Ankit Choudhury, United States

RC01.33 - Triple-Row Repair for Delaminated Rotator Cuff Tears: Clinical Outcomes and Conceptual Interpretation
DongKi Lee, Republic of Korea

RC01.34 - Shear-Wave Elastography of the Supraspinatus and Deltoid Muscles for Identifying Retear After Double-Row Rotator Cuff Repair
Burak Duymaz, Turkey

RC01.36 - Mihata SCR With Fascia Lata Autograft Demonstrates High Healing at 3 Month MRI in USA Patients
Paul Roache, United States

RC01.37 - RCBQ-Index: Fat-Corrected MRI Enables Opportunistic Screening of Bone Quality in Rotator Cuff Surgery
Julio Contreras, Chile

RC01.38 - Impact of Accumulating Risk Factors on the Incidence of Infection After Primary Reverse Total Shoulder Arthroplasty
Ryan Simovitch, United States

RC01.39 - Effect of Implant Design on Clinical Outcomes Following Reverse Total Shoulder Arthroplasty for Massive Rotator Cuff Tears
Tyler Brolin, United States

RC01.40 - 3D Rotator Cuff Atrophy and Fat Infiltration Are Associated With Active Range of Motion and Patient-Reported Shoulder Function Following Reverse Total Shoulder Arthroplasty
Jay Levin, United States

RC01.41 - Comparison of Results Between Partial-Thickness Rotator Cuff Repair vs. Stage 1 Full-Thickness Supraspinatus Repair: A Prospective Multicenter Study
Hugo BARRET, France

RC01.42 - Predictors of Functional Failure After Arthroscopic Rotator Cuff Repair: Mid-Term Outcomes With Follow-up to 6 Years
Katarina Sim, New Zealand

RC01.43 - Comparison of Clinical Outcomes Between a Mixture of Leukocyte-Rich Platelet-Rich Plasma, Thrombin, and Fibrinogen Combined With Atelocollagen Injection and Atelocollagen Injection Alone During Arthroscopic Rotator Cuff Repair
Eun-Ji Yoon, Republic of Korea

RC01.44 - Can Acromial Index and Critical Shoulder Angle Predict Rotator Cuff Tears?
Márcio Schiefer, Brazil

RC01.45 - A Machine Learning Model for Preoperative Prediction of Rotator Cuff Retear
Eric Kang, Australia

RC01.46 - Radial MRI-Based Three-Dimensional Quantitative Assessment of Humeral Head Translation and Tear Size of Rotator Cuff Tears

Maika YAMAMOTO, Japan

RC01.47 - Domain Specific Recovery Trajectories of the Subjective Shoulder Scale (S3) Following Arthroscopic Rotator Cuff Repair

Uma Srikumaran, United States

RC01.48 - Predicted Structural Healing Rates Do Not Correlate With Mid-Term Patient Outcomes Following Rotator Cuff Repair

Katarina Sim, New Zealand

RC01.49 - Fatty Infiltration as the Sole RoHI Factor Associated With Re-Tear: A Critical Review of the Model in a Chilean Population

Andrés Calvo, Chile

RC01.51 - Return to Driving Timeline and Functional Outcomes Following Arthroscopic Rotator Cuff Repair

Lewis Shi, United States

RC01.52 - Preoperative Nutritional and Endocrine Factors of the Patient Did Not Affect the Rotator Cuff Healing

Joo Han Oh, Republic of Korea

RC01.53 - Association Between Morphological Patterns of Medium to Large Rotator Cuff Tears and Retear Rate After Arthroscopic Repair

Sanghyeon Lee, Republic of Korea

RC01.54 - Tendon-to-Bone Seam Technique: A Novel Approach to Arthroscopic Rotator Cuff Repair

Andrew Rees, United States

RC01.55 - Effect of Human-Derived Collagen Injection on Clinical and Structural Outcomes After Arthroscopic Rotator Cuff Repair: A Prospective Randomized Controlled Trial

Jeong Hun Choe, Republic of Korea

RC01.56 - The Impact of Bone Marrow Stimulation on Arthroscopic Rotator Cuff Repair for Small to Large Rotator Cuff Tears: A Randomized Controlled Trial

Taechang Hong, Republic of Korea

RC01.57 - A Morphable Shoulder Model for Investigating Patient-Specific Rotator Cuff Function

Erin Lee, Canada

RC01.58 - Age- and Sex-Related Differences in Rotator Cuff and Deltoid Muscle: A 3D Segmentation Analysis in Healthy Shoulders

Jean-David Werthel, France

RC01.59 - Comparing the Clinical Outcome Trajectory at 2 and 5 Years of Reverse Shoulder Arthroplasty for Glenohumeral Osteoarthritis and Rotator Cuff Arthropathy

Andrew Jawa, United States

RC01.60 - Arthroscopic-Assisted Lower Trapezius Transfer Improves Outcomes in Patients With Irreparable Posterosuperior Rotator Cuff Tears Irrespective of the Presence of External Rotation Lag Sign

Abdulilah Hachem, Spain

RC01.61 - Does Supraspinatus Atrophy Reverse After Rotator Cuff Repair? Deep-Learning-Based Volumetric Analysis of the Entire Muscle With Clinical Correlation
Yong Tae Kim, Republic of Korea

RC01.62 - Clinical Outcomes Following Reverse Total Shoulder Arthroplasty According to Humeral Neck-Shaft Angle and Subscapularis Repair Status: A Systematic Review
Mark Dillon, United States

RC01.64 - Glucagon-Like Peptide 1 Receptor Agonists Are Associated With a Higher Five-Year Incidence of Major Tendon Rupture
Katherine Ferry, United States

RC01.65 - Clinical Outcomes of Placental Matrix Augmentationin Rotator Cuff Repair
Uma Srikumaran, United States

RC01.66 - Stage 2a IDEAL Evaluation of a Third-Generation Biocomposite Suture Anchor in Arthroscopic Rotator Cuff Repair: Subgroup Cohort Analysis of the PRULO Registry With 12-Month Follow Up
Richard Page, Australia

RC01.67 - Does Shoulder Function Improve After Lower Trapezius Transfer Using Different Graft Types for Irreparable Rotator Cuff Tears? A Systematic Review and Meta-Analysis
Guillermo E. Araujo Espinoza, Peru

RC01.68 - Comparable Clinical Outcome With Greater Thickness and Lesser Re-Tear Rate Following Allogenous Dermal Scaffold Augmentation for Large to Massive Rotator Cuff Tears: A Retrospective Case-Controlled Study
Seung Jin Yoo, Republic of Korea

RC01.69 - Arthroscopic Partial Subscapular Muscle Transfer (Coffied's Modified Method) for the Superior Irreparable Rotator Cuff Tear
Kazuhiko Kikugawa, Japan

RC01.70 - Development and Reliability Assessment of a New MRI Classification System for Subscapularis Muscle Atrophy Focusing on Intramuscular Tendons
Moehito Sakaida, Japan

RC01.71 - Perioperative Intravenous Dexamethasone Improves Pain and Functional Outcomes After Arthroscopic Rotator Cuff Repair
Stephanie Muh, United States

RC01.72 - The "Sacrifice" of the Long Head of the Biceps: Tradition or a True Game Changer During Rotator Cuff Repair?
Stefano Gumina, Italy

RC01.73 - Reliability and Reproducibility of Teleconsultation for Evaluation and Treatment Indication of Rotator Cuff Syndrome: A Cross-Sectional Outcomes-Based Diagnostic Study
Rodrigo Beraldo, Brazil

RC01.74 - Disrupted Brain Network Topological Properties in Individuals With Rotator Cuff-Related Shoulder Pain
Hio Leong, Hong Kong

RC01.75 - Risk Factors for Failed Same-Day Discharge After Shoulder Arthroplasty: A Retrospective Analysis to Inform Inpatient vs. Outpatient Surgical Planning
Alan Reynolds, United States

RC01.76 - Short-Term Functional and Kinematic Changes During a Behind-the-Back Hygiene Task After Reverse Total Shoulder Arthroplasty
Nicholas Morriss, United States

RC01.77 - Structural Augmentation in Rotator Cuff Repair Decreases the Risk of Re-Tear: A Systematic Review and Meta-Analysis
Moin Khan, Canada

RC01.78 - Isotretinoin Improves Tendon-Bone Interface Healing and Inhibits Muscle-Fatty Infiltration Through GATA6 Activation in a Rat Model of Rotator Cuff Repair
Jong Pil Yoon, Republic of Korea

RC01.79 - Subacromial Erosion After Arthroscopic Rotator Cuff Repair: A 1-Year CT/MRI-Based Evaluation in 190 Patients
HYUNGSUK KIM, Republic of Korea

RC01.80 - Irreparable Posterosuperior Rotator Cuff Tears Treated With InSpace Balloon With or Without Arthroscopic Subscapularis Repair: Better Short-Term Outcomes for Patients Over Age 65
Yash Sewpaul, United Kingdom

RC01.81 - Lower Trapezius Tendon Transfer With Semitendinosus Autograft for Postero-Superior Irreparable Rotator Cuff Tear
Andreas Voss, Germany

RC01.82 - Postoperative Steroid Injections Do Not Affect Rotator Cuff Integrity After Arthroscopic Repair: A Systematic Review and Meta-Analysis
Jakub Kaszynski, Poland

RC01.83 - Surgical Management and Classification Proposal for Rotator Cuff Insertional Cysts
Humberto Arrué, Panama

RC01.84 - Use of the Biceps Tendon as an Augmentation Technique in Supraspinatus Repair: Using the Modified ROHI Score as a Reference
HUGO BARROS, Ecuador

RC01.85 - Carbon Footprint of Rotator Cuff Repair: A Pilot Environmental Comparison Between Arthroscopic and Mini-Open Techniques
Jorge Rojas Liévano, Colombia

RC01.86 - A Prospective, Randomized, Double-Blind Study for the Treatment of Superior Rotator Cuff Tears Using Bursae-Derived Mesenchymal Stem Cells: Single-Row Repair With Grafnet Versus Simple Single-Row Repair.
Angelo De Crescenzo, Italy

RC01.87 - Biologic Tuberoplasty With Achilles Tendon Allograft and Biceps Anterior Cable Reconstruction for Irreparable Rotator Cuff Tears: Clinical Results
Kun-Hui CHEN, Taiwan

SHOULDER ARTHRITIS

SA01.01 - TGF-Beta Inhibiting Properties of ACEI/ARBs Do Not Correlate With Improved Range of Motion After Total Shoulder Arthroplasty
Nicholas Maassen, United States

SA01.02 - Bias in the "Greater Than Two-Year Benchmark": Investigating the Impact of Follow-up Attrition After Shoulder Arthroplasty
Surena Namdari, United States

SA01.03 - In Silico Biomechanical Study of Inlay Glenoid With Spherical and Non-Spherical Humeral Components in Total Shoulder Arthroplasty
Derek Papp, United States

SA01.04 - Return to Sport After Shoulder Arthroplasty: An ASES Multicenter Study Predicting Performance After RSA and TSA
Andrew Jawa, United States

SA01.05 - Accuracy of Glenoid Guide Pin Insertion Using Mixed Reality Navigation Compared With the Conventional Freehand Technique in Shoulder Arthroplasty
Leonardo Cavalcanti, Brazil

SA01.06 - Clinical Outcomes and Risk Factors for Scapular Notching at Mid-Term Follow-up After Reverse Total Shoulder Arthroplasty
Howard Routman, United States

SA01.07 - Influence of Positive Cultures After Aseptic Revision for Failed Shoulder Arthroplasty
Eric Ricchetti, United States

SA01.08 - Are Currently Available Severe Glenoid Bone Loss Classificationsin Shoulder Arthroplasty Reliable and Reproducible?Intra- and Inter-Observer Reliability of Five Classification Systems
Necati Eravsar, United States

SA01.09 - Native Joint vs. Reverse Shoulder Arthroplasty With an Intact Cuff: A Biomechanical Analysis
Mohammad Haddara, Australia

SA01.10 - Stemless Anatomic Total Shoulder Arthroplasty: A Comparative Study of Glenoid Component Designs and Humeral Head Materials
Moritz Kraus, Switzerland

SA01.11 - Fatty Degeneration of Subscapularis Muscle After Total Shoulder Arthroplasty a CT-Scan Analysis
Hugo BARRET, France

SA01.12 - Three-Dimensional Postoperative Assessment and Short-Term Clinical Outcomes of Navigation-Assisted Versus Conventional Reverse Shoulder Arthroplasty
Yoichi Ito, Japan

SA01.13 - Second Time Around: Are Patient Expectations Different Before Revision Arthroplasty?
Surena Namdari, United States

SA01.14 - Glenoid Component Implantation Accuracy Using a Handheld Computer Targeting System in Total Shoulder Arthroplasty: A Cadaveric Study
Joseph King, United States

SA01.15 - Minimum 10-Year Follow-up of Anatomic Total Shoulder Arthroplasty
Luke Austin, United States

SA01.16 - 3D Rotator Cuff Atrophy and Fat Infiltration in Tendon-Intact Arthritis Is Not Associated With Postoperative Active Range of Motion or Patient-Reported Functional Outcomes After Anatomic Total Shoulder Arthroplasty
Jay Levin, United States

SA01.17 - Superior Range of Motion After Anatomic vs Reverse Shoulder Arthroplasty Performed With Lesser Tuberosity Osteotomy, an Age- and Sex- Adjusted Cohort Study
Brendan Shi, United States

SA01.18 - The Impact of Preoperative Active Forward Flexion on Outcomes in 445 Anatomic Reverse Shoulder Arthroplasties
Maria Antonia Rosanna Pena, Australia

SA01.19 - Two-Year Outcomes of the AllianceTM Glenoid for Anatomic Total Shoulder Arthroplasty
Thomas Duquin, United States

SA01.20 - Radiographic Findings and Clinical Outcomes of Full-Wedge Glenoid Augments and Lateralized Humeral RSA for Walch B and C Deformities
Katelyn Koschmeder, United States

SA01.21 - Lower Complications in Stemless Anatomic and Reverse Total Shoulder Replacement: An Analysis From the National Joint Registry
Saima Waseem, United Kingdom

SA01.22 - Failure Rates for Total Shoulder Arthroplasty in the United States in Comparison to International Registries
Carolyn Hettrich, United States

SA01.23 - Early Effects of Anatomic Total Shoulder Arthroplasty on Shoulder Mechanics and Whole-Body Compensation During a Personal Hygiene Task
Nicholas Morriss, United States

SA01.24 - Radiographic Analysis of Pyrocarbon Hemiarthroplasty and Restoration of Proximal Humerus Anatomy
Jon Warner, United States

SA01.25 - A Novel Scoring System for Quantifying Severe Glenoid Bone Loss in Revision Shoulder Arthroplasty: The Hopkins Classification
Radhakrishna Kantanavar, United States

SA01.26 - Impact of a Statistical Shape Model on Preoperative Glenoid Planning: A Multicenter Planning Study
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SI01.19 - Hormonal Contraceptive Use Is Associated With a Greater Rate of Surgical Stabilization for Anterior Shoulder Instability: A Database Cohort Analysis
Alan Reynolds, United States

SI01.20 - Distinct Neuromuscular Stabilization Strategies After Bankart and Latarjet Procedures
Zaamin Hussain, United States

SI01.21 - Open Latarjet for Anterior Shoulder Instability in Adolescents: A Retrospective Series
Juan Felipe Peralta, Chile

SI01.22 - Long-Term Radiographic Outcomes After Open Modified Inferior Capsular Shift for Traumatic Anterior Shoulder Instability: Evaluation of Degenerative Changes and Risk Factors Over More Than 20 Years
Tatsumi Tanaka, Japan

SI01.23 - Is the B0 Glenoid Real - Identification and Definition of a Distinct Entity Within a Population of Arthroscopically Treated Posterior Instability Patients
Andrew Valiquette, United States

SI01.24 - Anatomic Landmarks of the Medial Margin of the Rotator Cuff Footprint on 3D CT Images for Accurate Measurement of the Glenoid Track
Jun Kawakami, Japan

SI01.25 - Open Inlay Bristow Procedure Shows Satisfactory Clinical Outcomes, and Meaningful Potential to Reduce Operative Time and Complications.
Aofei Gao, China

SI01.26 - Anterior Capsulolabral Repair in Arthroscopic Latarjet Reduces the Risk of Osteoarthritis Development: A Matched-Pair Study
Cristina Delgado, Spain

SI01.27 - Outcomes of Posterior Glenoid Reconstruction for Posterior Glenoid Deficiency and Dysplasia
Ryan Lohre, United States

SI01.28 - Evaluation of Surgical Management Strategies for Chronicanterior Shoulder Dislocations: A Retrospective Analysisof 34 Patients
Pududu Rachuene, South Africa

SI01.29 - Comparison of Shoulder Proprioception and Clinical Outcomes Following Arthroscopic Bankart Repair and Open Latarjet Procedure
Kerem Bilsel, Turkey

SI01.30 - Arthroscopic Bone Block for Anterior Shoulder Instability: Long-Term Outcomes of Iliac Crest Grafting
Pablo Cañete San Pastor, Spain

SI01.31 - Long-Term Outcomes After the Arthroscopic Latarjet Procedure: Outcomes After a Minimum of 10 Years of Follow-up
Thibault Lafosse, France

SI01.32 - Shoulder Arthroplasty Following a Previous Latarjet Procedure
Bettina Hochreiter, Switzerland

SI01.33 - Radiologic Analysis of Bony Glenoid Defects in Anterior Shoulder Instability: Beyond Defect Size
Markus Scheibel, Switzerland

SI01.34 - Capsular Repair Matters for Residual Micromotion After Latarjet.an Externally Controlled Trial
Alaa Elsenbsy, Egypt

SI01.35 - Cross-Study Association Between Glenosphere Size and Humeral Liner Depth for Optimization of Humeral Liner Stability Ratio
Kristine Italia, Australia

SI01.36 - Graft Resorption in Latarjet Surgery: Comparison Between the Traditional Open Technique and a Modified Variant With Combined Fixation Assessed byThree-Dimensional CT
Manuela Angulo, Chile

SI01.37 - Morphological Changes of Glenoidafter arthroscopic Bankartrepair with Small Bone Columngrafting
Kazuhiko Kikugawa, Japan

SI01.38 - Structural Outcomes After Arthroscopic Iliac Crest Bone Grafting—Allografts Pay the Price
Markus Scheibel, Switzerland

SI01.39 - Age-Related Differences After Traumatic Shoulder Instability: Concomitant Injury Patterns, Treatment, and Outcomes in Patients =50 vs 18-40 Years
Gabriella Ode, United States

SI01.40 - The Effect of Medical Co-Morbidities on Failure and Outcome After Surgery for Shoulder Instability at 2 Years Post-Operatively
Carolyn Hettrich, United States

SI01.41 - Antero-Inferior Glenohumeral Instability Is Associated With an Abnormal Position of the Coracoid Process.
Samuel Staub, Switzerland

SI01.42 - Modified Bankart Repair Technique for the Throwing Shoulder to Prevent External Rotation Loss and Facilitate Return to Play in Baseball Players
Yasuhiro Mitsui, Japan

SI01.43 - Accurate Coracoid Process Placement in Open Bristow Procedure Using Intraoperative C-Arm Fluoroscopy
Kengo Kirimura, Japan

SI01.44 - Arthroscopic and Radiographic Findings at Time of Latarjet Screw Removal
Stephen Roche, South Africa

SI01.45 - Arthroscopic Soft Tissue Stabilization With Selective Augmentations for Traumatic Anterior Shoulder Instability in Young Athletes
Hiroko Ueki, Japan

SI01.46 - Graft Positioning and Screw Alpha Angle in Freehand Open Latarjet Surgery: Tomographic Analysis of a Single Surgeon's Learning Curve
Max Ekdahl, Chile

SI01.47 - Comparison of Zero TE MR Bone Imaging Sequence to Traditional CT in the Assessment of Glenoid Bone Loss in Anterior Shoulder Instability: A Pilot Study
Aaron Bois, Canada

SI01.48 - Cost-Effectiveness Analysis of Latarjet Versus Arthroscopic Bankart With Remplissage in Anterior Shoulder Instability: A Retrospective Cohort Study From Ecuador
HUGO BARROS, Ecuador

SI01.49 - GlenometriX: AI-Powered Insights for Evidence-Based Shoulder Care
Moin Khan, Canada

SI01.50 - Outcomes of the Latarjet Procedure for Shoulder Instability in Patients With Ehlers-Danlos Syndrome
Evan Bailey, United States

SI01.51 - Application of the Novel AB Classification for Multidirectional Instability of the Shoulder - a Systematic Review and Comparison of Clinical Outcomes
Wei Zhang, Singapore

SI01.52 - Excellent Clinical and Radiological Mid-Term Outcomes of the Arthroscopic "Double-Inlay" Eden-Hybinette Procedure for Bone Defects Exceeding 20%: A 5-Year Case Series.
Aofei Gao, China

SI01.53 - Inlay Dynamic Anterior Stabilization of the Shoulder Using Buttons.
Jose Carlos Garcia, Brazil

SI01.54 - Arthroscopic Modified Inlay Bristow Procedure Can Achieve Similar Graft Healing Rates to Arthroscopic Latarjet Surgery, With a Lower Risk of Postoperative OA Progression
Xiali Xue, China

SI01.55 - Screw Angle and Graft Morphology in Arthroscopic Iliac Bone Grafting for Shoulder Instability
Naori Akamine, Japan

SI01.56 - Pre-Shaped and Pre-Drilled Human Cortical Bone Allograft: A Viable Option for the Treatment of Instability With Significant Glenoid Bone Loss
Gregory Nicholson, United States

SI01.57 - Postoperative Comparison of Open Inferior Capsular Shift Plus Arthroscopic Bankart Repair and Arthroscopic Remplissage Plus Arthroscopic Bankart Repair for Traumatic Anterior Shoulder Instability
Yoshiyasu Uchiyama, Japan

SI01.58 - Mid-Term Outcomes of Arthroscopic Bankart Repair With 4 O'clock DAFF
Hirohisa Uehara, Japan

SI01.59 - Complications During the Transition to Arthroscopic Latarjet Procedure in a Latin American Center: A Grouped Surgeon Analysis
Ignacio Correa, Chile

SI01.60 - Arthroscopic Surgery for Posterior Shoulder Instability in Throwing Athletes
Kazuhiko Kikugawa, Japan

SI01.61 - Who Does It Better? - a Continent-Based Perspective on Arthroscopic Bankart Repair: Systematic Review and Single-Arm Meta-Analysis
Jakub Kaszynski, Poland

SI01.62 - Development and Preliminary Validation of the Shoulder Return to Contact Continuum in Rugby Assessment Framework
Stephen Roche, South Africa

SI01.63 - Acromial Osteotomy for Dynamic Posterior Shoulder Instability
Ricardo Mendes, Brazil

SI01.64 - Arthroscopic Reconstruction of the Inferior Glenohumeral Ligament Restores Stability in a Cadaveric Shoulder Model of Uni- and Multidirectional Instability: A Comparative Biomechanical Study
Samy Bouaicha, Switzerland

SI01.65 - Early Postoperative Nerve Complications After Primary Latarjet Procedure Are Uncommon: A Single-Surgeon Series of 164 Shoulders
Filip Cosic, Australia

SI01.66 - Glenoid Bone Loss - a Retrospective Evaluationof Functional Outcomes After Bone BlockSurgery for Anterior Shoulder Instability in HighdemandAthletes
Paulo Belangero, Brazil

SI01.67 - Comparison of Return to Sports and Competition After the Arthroscopic Bristow- Latarjet Procedure Versus Arthroscopic Bankart Repair in Adolescents With Recurrent Anterior Shoulder Instability
Hugo BARRET, France

SI01.68 - Arthroscopic Bankart Repair With a 6 O'clock Anchor Reduces Recurrence and Improves Clinical Outcomes in Recurrent Anterior Instability
Chang Min Song, Republic of Korea

SI01.69 - Short-Term Outcomes of Open Latarjet Procedure With Hybrid Screw-Button/Suture (SB) Fixation
Peter Domos, United Kingdom

SI01.70 - Early Return to Tackle and Competition After Open Modified Latarjet-Patte in Elite Rugby-15 Players.
Mathieu FERRAND, France

SI01.71 - Mid to Long Term Results of Artroscopic Button Latarjet
Sabri Dlimi, Italy

SI01.72 - Morphometric Analysis of Glenoid, Coracoid Process and Scapular Spine in Indian Population: 3D CT Study
Ram Chidambaram, India

SI01.73 - Bone Loss Impact on Recurrence Rates After Surgical Treatment for Traumatic Anterior Shoulder Instability in Athletes. a Retrospective Cohort Study
Frantzeska Zampeli, Qatar

SI01.74 - Eliminating Screws in the Open Latarjet: Early Clinical Outcomes of a Novel Fixation Technique
Daniela Gutiérrez Zúñiga, Colombia

SHOULDER NEUROLOGICAL

SN01.01 - Cervical Radiculopathy Is Associated With Increased Shoulder Stiffness and Paresthesia After Total Shoulder Arthroplasty
Yijie Luo, United States

SN01.02 - Cerebral Activation Related to Shoulder Apprehension in Patients With Glenohumeral Instability; a Ten Years Follow-up.
Blaise Cochard, Switzerland

SN01.03 - High Complication Rate of Arthroplasty and Surgical Intervention in Patients With Charcot Shoulder: A Clinical and Radiographic Series
Ryan Lohre, United States

SN01.04 - Clinical Outcomes and Complications of Scapulothoracic Fusion: A Systematic Review and Meta-Analysis
Ashraf Hantouly, Canada

SN01.05 - Clinical Outcomes and Complications Following Pectoralis Major Transfer for Long Thoracic Nerve Palsy: A Systematic Review and Meta-Analysis
Ashraf Hantouly, Canada

SN01.06 - The Effect of Cervical Spine Surgery and Its Timing on Outcomes Following Total Shoulder Arthroplasty
Gregory Nicholson, United States

SN01.07 - Neurogenic Thoracic Outlet Syndrome Endoscopy
Jose Garcia, Brazil

SN01.08 - Novel Treatment Algorithm for Thoracic Outlet Syndrome Achieves Satisfactory Results After Open and Endoscopic Brachial Plexus Release
Dries Boulidam, France

SN01.09 - Thoracic Outlet Syndrome as an Overlooked Cause of Shoulder and Elbow Pain: A Large-Scale Endoscopic Analysis of Neurovascular Bundle Anatomy in 901 Cases
Kozo Furushima, Japan

SN01.10 - Characteristics of Physical Findings Associated With Neuropathic Pain in Shoulder Disorders
Shogo Sugawara, Japan

SN01.11 - Surgical Treatment of Neurogenic Thoracic Outlet Syndrome: A Systematic Review of Open and Minimally Invasive Techniques.
Jose Carlos Garcia, Brazil

SN01.12 - Psychological Distress and Illness Perception Correlate With Patient-Reported Outcomes After Brachial Plexus Surgery
Igor Shirinskiy, France

SN01.13 - Outcomes of Nerve Reconstruction After Reverse Shoulder Arthroplasty for Axillary Neuropathy
Ryan Lohre, United States

SN01.14 - Prevalence of Infraspinatus Muscle Atrophy and Suprascapular Nerve Injury in Professional Male Volleyball Players: A Cross-Sectional Study,
Vitor La Banca, Brazil

SN01.15 - Neurogenic TOS: Open and Arthroscopic Release: Preliminary Results
Filip Cosic, France

SN01.16 - Novel Technique for Double-Level Suprascapular Nerve Release at the Spinoglenoid Notch and the Suprascapular Notch.
Roman Brzoska, Poland

SHOULDER – OTHER/MISCELLANEOUS

SO01.01 - How Fixation Type Affects Graft Stability in the Latarjet Procedure - a Finite Element Study
Kristine Italia, Australia

SO01.02 - Synovial Fluid Aspiration in the Clinic Versus Operating Room Setting: Is There Concordance in Synovial Fluid Analysis and Culture Results?
Andrew Collins, United States

SO01.03 - Evaluation of the Progression of AI-Generated Information on Adhesive Capsulitis
Grace Knoer, United States

SO01.04 - Mixed-Reality Visualization in Revision Reverse Shoulder Arthroplasty: A Retrospective Comparative Study
James Gregory, United States

SO01.05 - Restoration of Joint Line and Soft Tissue Balance: A 3D Reference System to Quantify Shoulder Pathologies
Austin Smith, United States

SO01.06 - A Breath of Fresh Air: Reducing Surgeon Exposure to Electrosurgical Smoke During Shoulder Arthroplasty
Christopher Bayne, United States

SO01.07 - The Impact of Glenoid and Humeral Lateralization on Posterior Deltoid External Rotation Biomechanics in Reverse Shoulder Arthroplasty
Caroline Park, United States

SO01.08 - How Does the Distribution of International Consensus Meeting PJI Classifications Differ in Patients With Successful and Failed Clinic Aspirations of the Shoulder?
Andrew Collins, United States

SO01.09 - Total Shoulder Arthroplasty and Scapulohumeral Rhythm: The Clinical Impact of Achieving Native Shoulder Biomechanics
Sameer Khawaja, United States

SO01.10 - Minimum 10 Year Survivorship and Risk Factors for Failure Following Reverse Total Shoulder Arthroplasty
Henry Fox, United States

SO01.11 - Radiographic Stress Shielding of Inlay Versus Onlay Humeral Stems Following Reverse Total Shoulder Arthroplasty: A Multicenter Study
Antonella Henson-Vendrell, United States

SO01.12 - Evaluation of Deltoid Muscle Regions Using MR Images in RSA Cases
Ryosuke Ozawa, Japan

SO01.13 - Long-Term Outcomes of the Hybrid Glenoid Implant
Lindsay Schuster, United States

SO01.14 - Retained Prefabricated Antibiotic Spacers Achieve Comparable Patient Satisfaction to Definitive Second Stage Reimplantation for Treatment of Shoulder PJI
Jie Yao, United States

SO01.15 - Shoulder Injury and Surgery Patterns Among Astronauts Across Spaceflight Phases and Mission Operations: An Analysis of 677 Injuries From 1981 to 2024
Gavin Ward, United States

SO01.16 - Deltoid Muscle Volume Assessment Using CT Imaging in Reverse Shoulder Arthroplasty Cases
Ryosuke Ozawa, Japan

SO01.17 - Impact of Severity of Allergy to Beta-Lactam Antibiotics on the Perioperative Use of Cephalosporins and Revision Rates Following Total Shoulder Arthroplasty
Mandeep Virk, United States

SO01.18 - How Reverse Shoulder Arthroplasty Evolved: Twenty Years of Evidence From the Journal of Shoulder and Elbow Surgery
Joseph Abboud, United States

SO01.19 - Long-Term Outcomes of Arthroscopic Microfracture for Isolated Glenoid Osteochondral Lesions in Young Active-Duty Military Patients: A Minimum 10-Year Follow-up
John Tyler, United States

SO01.20 - Developing the Pectoralis Major Muscle Retraction (PM M-R) Ratio: A Predictive Parameter for the Surgical Treatment of Pectoralis Major Tears
Matthew Nakouzi, Ireland

SO01.21 - Outcomes of Augmented Baseplates and Structural Allografting for the Management of Glenoid Bone Loss in Revision Shoulder Arthroplasty
Jie Yao, United States

SO01.22 - Anatomic Total Shoulder Replacement (TSR) Augments: A National Joint Registry Analysis
Saima Waseem, United Kingdom

SO01.23 - Age Influences Lesser Tuberosity Osteotomy Nonunion Following Anatomic Total Shoulder Arthroplasty
Johnlevi Lazaro, United States

SO01.24 - Identifying the Optimal Distalization and Lateralization Angles for Reverse Total Shoulder Arthroplasty by Implant Type as Measured on Postoperative AP Neutral Radiographs
Bryan Soth, United States

SO01.25 - Isolated Pectoralis Minor Tenotomy Significantly Reduces Pain and Restores Overhead Reach in Subacromial Pain Syndrome: The Cause of Impingement May Be Neither Intrinsic nor Extrinsic but Scapular
Salim Parbtani, United States

SO01.26 - GLP-1 Use and Impact on Outcome in Patients Undergoing Total Shoulder Arthroplasty
Richard J Friedman, United States

SO01.27 - Allograft Strut Fixation to Humeral Bone: A Biomechanical Comparison of Suture Cerclage, Wire Cerclage and Screws
Mustafa Saffi, Canada

SO01.28 - Comparison of Outcomes Utilizing a Digital Care Management Platform Versus Office-Based Physical Therapy Following Reverse Total Shoulder Arthroplasty: A Preliminary Analysis of a Multicenter, Prospective, Randomized Control Trial
Tyler Brolin, United States

SO01.29 - Do Long-Term Patient-Reported Outcome Measures Offer Additional Value Beyond Five Years After TotalShoulder Arthroplasty? A Systematic Review and Meta-Analysis
Bryan Soth, United States

SO01.30 - Comparative 2-Year Outcomes After Anatomic and Reverse Total Shoulder Arthroplasty for Walch B2/B3 Glenoids
Bryan Soth, United States

SO01.31 - Higher Complication Rates Following Primary Total Shoulder Arthroplasty in Patients Presenting From Areas of Higher Social Deprivation
Sarav Shah, United States

SO01.32 - The Economics of Revision Shoulder Arthroplasty: A 9-Year Review of Surgeon Reimbursement Patterns
Philipp Streubel, United States

SO01.33 - Influence of Psychological Resilience on Postoperative Outcomes Following Rotator Cuff Repair
Eduardo Malavolta, Brazil

SO01.34 - Comparative Clinical and Patient-Reported Outcomes Following Planned Single-Stage and Two-Stage Exchange Protocols in Revision Shoulder Arthroplasty
Christopher Klifto, United States

SO01.35 - Implications of Scapulothoracic Rythm on Templated Impingement Free Range of Motion After Reverse Shoulder Arthroplasty
James Gregory, United States

SO01.36 - Stem Retention Does Not Change Postoperative Infection Risk Following the Conversion of Anatomic to Reverse Total Shoulder Arthroplasty
Michael Moverman, United States

SO01.37 - Global Trend in Revision Shoulder Arthroplasty: A Descriptive Analysis
Russell Edafetanure-Ibeh, United States

SO01.38 - Classifying Scapulothoracic Abnormal Motion (STAM): Experience From a Scapula Specific Surgery Program
Ryan Lohre, United States

SO01.39 - Outcomes of Revision Reverse Shoulder Arthroplasty Utilizing Femoral Head Allograft for Constrained Glenoid Defects
Jonathan Levy, United States

SO01.40 - Trends in Prosthetic Joint Infections After Total Shoulder Arthroplasty
Richard J Friedman, United States

SO01.41 - Development and Psychometric Testing of a Novel Scale for Shoulder Assessment
Uma Srikumaran

SO01.42 - Reporting Bias in Pyrolytic Carbon Shoulder Hemiarthroplasty
Andrew Barcenas, United States

SO01.43 - Single-Stage Revision of Anatomical Total Shoulder Arthroplasty With Cemented Polyethylene Glenoid Components to Reverse Shoulder Arthroplasty - Comparison of Two Methods for Glenoid Defect Reconstruction
Mara Warnhoff, Switzerland

SO01.44 - Risk Factors in Patients Treated for Post-Operative Anterior Shoulder Pain After Reverse Total Shoulder Arthroplasty: A Matched Cohort Analysis
Michael Moverman, United States

SO01.45 - Anterior Cable Reconstruction/in-Situ Biceps Tenodesis Without Detachment From the Labrum During Rotator Cuff Repair Still Has a Risk of Popeye Deformity
Michael Amini, United States

SO01.46 - Artificial Intelligence-Driven 3D Planning in Shoulder Surgery: An Integrated Model for Arthroplasty and Glenohumeral Instability.
Byron Torres Davila, Ecuador

SO01.47 - Outcomes of Arthroscopic Dorsal Scapular Nerve Decompression
Ryan Lohre, United States

SO01.48 - Revision Reverse Total Shoulder Arthroplasty: Clinical and Radiographic Outcomes Compared to Primary Reverse Total Shoulder Arthroplasty
Richard J Friedman, United States

SO01.49 - Safety and Effectiveness of Placental Connective Tissue Matrix Allograft Versus Corticosteroid Injection in Adhesive Capsulitis: A Double-Blinded Prospective Randomized Study
James Gregory, United States

SO01.50 - Biomechanics Assessment of Perforation by Inset Glenoid Component on Glenoid Bone-Component Interface Using Finite Element Method
Derek Papp, United States

SO01.51 - Return to Weightlifting Following Anatomic and Reverse Shoulder Arthroplasty
Jonathan Levy, United States

SO01.52 - Diagnosing Shoulder Conditions On-Line: The Shoulder trIaGe, screeNing and DiAgnostic TooL (SIGNAL)
Aaron Bois, Canada

SO01.53 - Surgical Management of Type II SLAP Lesion: Posterosuperior Debridement Without Repair Yields High RTP and RTPL in Baseball Throwers
Yota Kin, Japan

SO01.54 - Planning Software for Revision Arthroplasty - How Do New Technologies Change Our View of Glenoid Defects?
Mara Warnhoff, Switzerland

SO01.55 - Lateral vs Medial Central Screw-Head Position: Impact on Initial Fixation
Kristine Italia, Australia

SO01.56 - The Role of Emotional Disorders in Frozen Shoulder: Results of a Binational Study.
Byron Torres Davila, Ecuador

SO01.57 - The Effect of Glenoid Inclination Correction on Load Transfer Mechanics at the Implant-Bone Interface in TSA
Natalie Loewen, Canada

SO01.58 - Effects of Pitching Parameters on Shoulder Pain in Youth Baseball Pitchers
Yusuke Kobayashi, Japan

SO01.59 - Effectiveness of a Chatbot for Monitoring HomeBased Rehabilitation After Reverse Shoulder Arthroplasty
Marta Navarro, Spain

SO01.60 - Patient Experience and Quality of Life in Waiting Lists for Shoulder and Elbow Surgery
Rodrigo de Marinis, Chile

SO01.61 - Risk Factors for Shoulder Pain, Injury, and Dysfunction in Volleyball Athletes: A Prospective Cohort Study
Daniel De Toledo, Brazil

SO01.62 - Clinical Outcomes of Shoulder Arthroscopy and Coredecompression for Avascular Necrosis of Proximal Humerus
Deepthi Nandan Adla, India

SO01.63 - Association Between Humeral Head and Glenoid CT Attenuation and Factors Influencing Shoulder Bone Quality
Tatsuto Otojima, Japan

SO01.64 - Augmented Reality vs Freehand Techniques for Training Residentsin Glenoid K-Wire Positioning During Reverse Shoulder Arthroplasty
Julien Berhouet, France

SO01.65 - Failed Patient Acceptable Symptom State Is Characterized by Preoperative Anxiety and Depression, and Poor Mobility Before Reverse Total Shoulder Arthroplasty
Jarret Woodmass, Canada

SO01.66 - Reduction of Electrocautery Use Inarthroscopic Shoulder Surgery Usingnon Oxidized, Non Regenerated Cellulose Hemostatic Gauze
Heedong Lee, Republic of Korea

SO01.67 - How Can We Best Assess Posture Types in Reverse Total Shoulder Arthroplasty?
Sebastian Lappen, Germany

INDUSTRY LUNCH WORKSHOPS

SEPTEMBER 23, 2026

Mako Shoulder: A New Standard in Arthroplasty
1:30 PM – 2:30 PM
Room 116-117

Tendon Seam: Changing the Paradigm in Rotator Cuff Repair
1:30 PM – 2:30 PM
Room 118-120

Advita Axis: Advancing Outcomes Through Collaborative Research
1:30 PM – 2:30 PM
Room 121-122

INHANCE™ Shoulder System and INHANCE INTACT™ Tissue Sparing Solutions
1:30 PM – 2:30 PM
Room 202-204

Augmentation for Rotator Cuff Repair: A Global Perspective
1:30 PM – 2:30 PM
Room 208-209

Two Sides, One Solution: Humeral and Glenoid Execution for TSA and RSA Utilizing the ROSA Shoulder Robotics Platform
1:30 PM – 2:30 PM
Room 211

ZIMMER BIOMET

SEPTEMBER 24, 2026

Beyond the Algorithm: Navigating Complex Shoulder Instability and Rotator Cuff Cases
1:30 PM – 2:30 PM
Room 116-117

stryker

Evidence-Based Practice: Advanced Shoulder Repair with Q-FIX, Tendon Seam & REGENETEN
1:30 PM – 2:30 PM
Room 118-120

Smith+Nephew

ENOVation in Shoulder Arthroplasty: Translating Clinical Research into Patient Outcomes
1:30 PM – 2:30 PM
Room 121-122

enovis™

From Shoulder to Elbow: Mastering Upper Extremity Fractures
1:30 PM – 2:30 PM
Room 208-209

skeletal dynamics®

Shoulder Arthroplasty in 2026-Cutting Edge Technology and Techniques
1:30 PM – 2:30 PM
Room 211

ZIMMER BIOMET

SEPTEMBER 25, 2026

Mechanical Rotator Cuff Augmentation: Clinical Experience with the FiberLocker® System
1:30 PM – 2:30 PM
Room 116-117

Handheld Robotics in Shoulder Arthroplasty: Plan with Confidence, Execute with Precision
1:30 PM – 2:30 PM
Room 118-120

Arthrex ShowCase: Challenges of the Rotator Cuff Continuum – Repair to Replace
1:30 PM – 2:30 PM
Room 121-122

To Repair or Reconstruct? Mastering Complex Shoulder Instability with Bone Loss
1:30 PM – 2:30 PM
Room 202-204

Not Just Another Augment: Rethinking Rotator Cuff Healing from Enthesis to Onlay
1:30 PM – 2:30 PM
Room 208-209

Soft Tissue Repair in Focus: Technology, Technique, and Emerging Solutions
1:30 PM – 2:30 PM
Room 211

SOCIAL & SPECIAL EVENTS

Opening Ceremony
Wednesday, September 23
8:00 AM–8:50 AM
Ballroom A/B

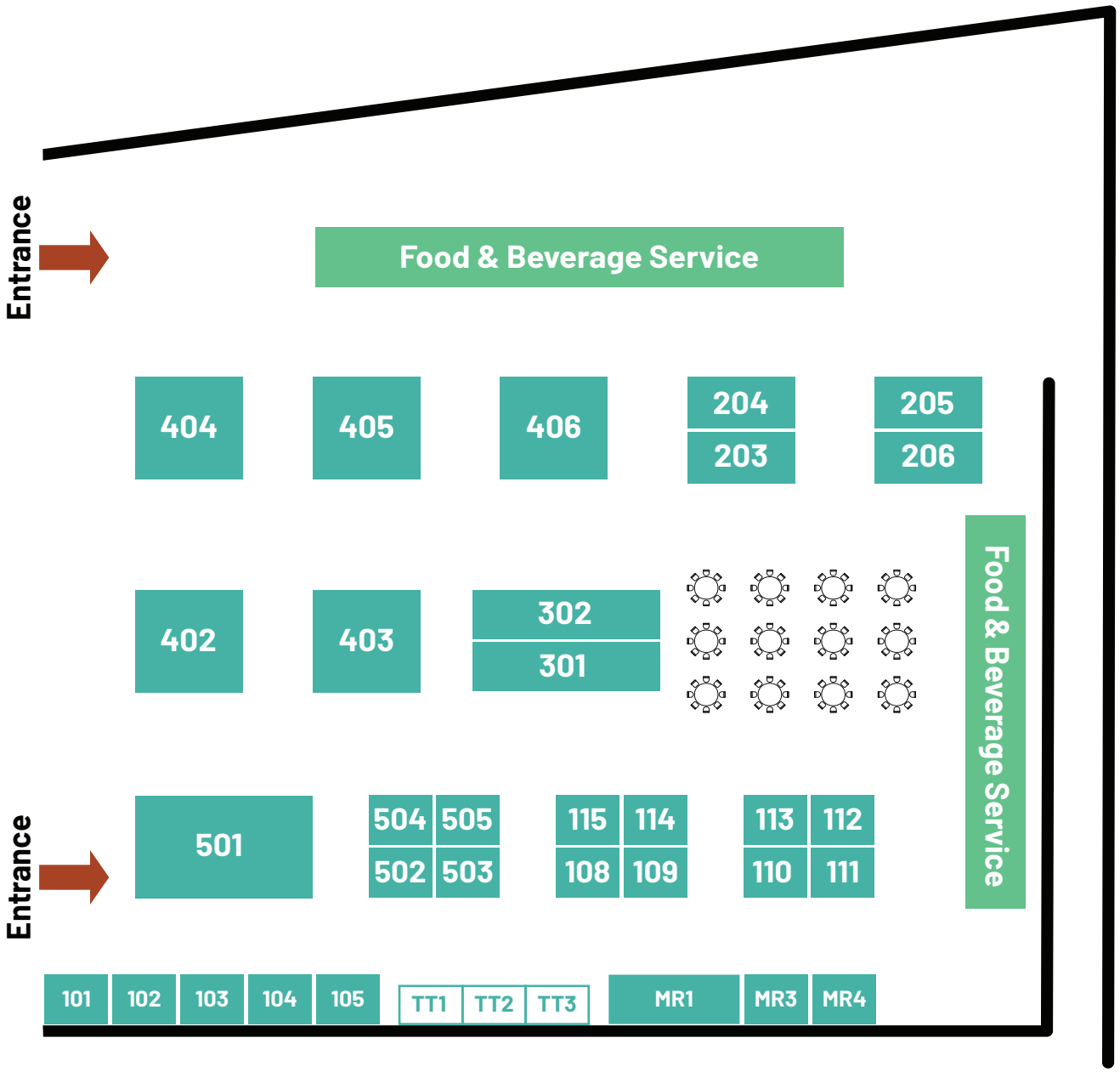
Welcome Reception
Wednesday, September 23
6:15 PM–7:45 PM
Exhibit Hall, West Ballroom CD
Food stations, beer, wine and non-alcoholic beverages.

International Women in Shoulder and Elbow Surgery: A Global Collaborative Forum
Wednesday, September 23
6:20 PM–8:30 PM
Rooms 118–120 and Ocean Foyer
Sponsored by enovis

ICSES 2026 Gala Dinner
Thursday, September 24
7:00 PM–11:00 PM
Commodore Ballroom
Food stations, full bar and non-alcoholic beverages, and live entertainment.
Ticketed event. Ticket price: USD 150.

Closing Ceremony
Friday, September 25
5:00 PM–5:30 PM
Ballroom A/B
Gala Dinner registration and ticket information: www.icses2026.org/registration

EXHIBITORS & INDUSTRY PARTNERS



CLICK HERE FOR THE INTERACTIVE EXHIBIT FLOORPLAN AND EXHIBITORS' INFORMATION

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American Shoulder and Elbow Surgeons (ASES), ASES Foundation, JSES	301
Arthrex Inc.	205
Atreon Orthopedics	110
Catalyst OrthoScience	101
CONMED	204
DePuy Synthes	402
	MR3
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RAD Medical Technologies	104
Redefine Surgery	108
	503
restor3d	505
SECEC	TT1
SLAHOC	TT2
Shoulder Innovations	115
Shukla Medical	504
Sironix	206
Skeletal Dynamics	102
Smith & Nephew, Inc.	501
	MR1
Statera Medical	103
Stryker	405
Tactile Orthopaedics	113
Tetrous, Inc.	502
Tigon Medical	112
Titin KM Biomedical	111
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EXHIBIT HALL

West Ballroom CD, Level 1

Wednesday, September 23
6:00 AM - 4:00 PM

Welcome Reception
6:15 PM - 7:45 PM

Thursday, September 24
6:00 AM - 4:00 PM

Friday, September 25
6:00 AM - 4:00 PM

Advita Ortho

Booth # 302

Advita Ortho is a global medical device company committed to advancing patient lives through innovative orthopedic solutions. We specialize in high-quality implants and surgical technologies powered by data, artificial intelligence and machine learning. Learn more at www.advita.com and connect with us on LinkedIn, X and Instagram.
www.advita.com

Akunah

Booth # 206

Akunah is an AI-powered healthcare technology company transforming how clinicians and organisations work. Our intelligent solutions combine AI assistants, clinical data collection and analytics, patient engagement and surgical planning to automate workflows, unlock meaningful insights and connect healthcare teams and patients. Creating smarter, more efficient and data-driven healthcare.
wwww.akunah.com

American Shoulder and Elbow Surgeons (ASES), ASES Foundation, JSES

Booth # 301

American Shoulder and Elbow Surgeons (ASES) is a professional society dedicated to advancing shoulder and elbow care through education, research and professional collaboration. The ASES Foundation supports programs and resources that advance shoulder and elbow care, while JSES is the society's family of scientific journals.
www.ases-assn.org

Arthrex Inc.

Booth # 205

Arthrex is a global leader in new product development and medical education in orthopedics. With a corporate mission of Helping Surgeons Treat Their Patients Better®, Arthrex highlights the latest innovative products and surgical procedures to advance shoulder and elbow surgery worldwide.
www.arthrex.com

Atreon Orthopedics

Booth # 110

Atreon Orthopedics is a Dublin, Ohio-based medical technology company advancing a new category of synthetic healing solutions. Manufactured in the USA, our portfolio of Autobiologic™ matrices is engineered to optimize the biologic microenvironment, promote native tissue remodeling, and support more reliable healing outcomes. Built on electrospun scaffold technology, Atreon provides a consistent, fully synthetic alternative to tissue-derived products across orthopedic and wound care applications.
www.atreonortho.com

Catalyst OrthoScience

Booth # 101

Catalyst OrthoScience partners with top surgeons to create less invasive, more efficient solutions for shoulder replacement surgery. Our portfolio features systems for anatomic, reverse, fracture, and revision shoulder arthroplasty, such as the Catalyst CSR, Reverse, Fracture, and Archer 3D Planning + PSI.
www.catalystortho.com

CONMED

Booth # 204

CONMED is a global medical technology company enabling healthcare providers worldwide to deliver exceptional outcomes for patients, through accessible CONMED solutions. We aim to build a legacy of innovation by designing superior medical devices and technologies that lead to healthier lives. CONMED develops, manufactures, and sells a variety of surgical equipment and solutions for Orthopedics, including sports medicine, arthroscopic enabling devices, power, and visualization.
www.conmed.com

DePuy Synthes

Booth # 402, MR3, MR4

DePuy Synthes provides one of the most comprehensive orthopaedics portfolios in the world that helps heal and restore movement for the millions of patients we serve. DePuy Synthes solutions, in specialties including joint reconstruction, trauma, extremities, craniomaxillofacial, spinal surgery and sports medicine, in addition to the VELYS™ Enabling Tech portfolio, are designed to advance patient care while delivering clinical and economic value.
www.depuysynthes.com

ENOVIS

Booth # 403

We're Enovis—a global medical technology innovator dedicated to improving lives by developing clinically differentiated solutions that enhance patient outcomes and restore motion for life. We strive to make each day better by partnering with the brightest minds in health to advance care that is smarter, personalized, and more effective, while improving operational efficiency for surgeons and clinicians around the world. We do this through our extraordinary talent, a relentless focus on innovation, strategic acquisitions, and a common culture of continuous improvement.
www.enovis.com

FX Shoulder Solutions

Booth # 406

FX Shoulder Solutions is dedicated exclusively to advancing shoulder arthroplasty. Since 2011, FX has focused on developing innovative solutions spanning stemless, primary, fracture, and revision procedures. Combining thoughtful implant design, streamlined instrumentation, advanced technologies, and clinical education, FX delivers a comprehensive portfolio built around one singular focus: Unmatched Innovation. From Stemless to Revision.
www.fxshouldersolutions.com

ICSES 2029 Cairo

Booth # TT3

ICSES 2029 will unite the global shoulder and elbow community in Cairo through a collaborative partnership between the Egyptian Shoulder Society, Egyptian Orthopaedic Association, Egyptian Arthroscopy Association, South African Shoulder & Elbow Surgeons Society and African Shoulder and Elbow Society. Together, they will deliver a landmark African congress that combines scientific excellence, innovation, collaboration, and exceptional Egyptian hospitality.
www.icses2029.com

Innomed

Booth # 114

Innomed, Inc., a developer of instruments for orthopedic surgery, continues to introduce new and innovative products. We offer an array of unique instruments and patient positioning devices, designed by or in conjunction with orthopedic surgeons and surgical professionals.
www.innomed.net

Medacta

Booth # 203

Medacta is a Swiss medical technology company specializing in innovative orthopedic, spine, and sports medicine solutions. Through surgeon collaboration, minimally invasive techniques, personalized technologies, and comprehensive medical education, Medacta is committed to improving patient outcomes while advancing healthcare sustainability in more than 70 countries worldwide.
www.medacta.com

OrthoCare

Booth # 105

OrthoCare is a Seoul-based AI musculoskeletal digital health company founded in 2024 by leading orthopedic surgeons and AI experts. Its flagship platform, ANAPA, connects patients' functional assessment in the hospital, home rehabilitation, and clinician data into one continuous, AI-powered care pathway—delivering more precise treatment and faster recovery for patients worldwide.
www.orthocare.co.kr

RAD Medical Technologies

Booth # 104

RAD Medical Technologies, Inc. develops clever, simple orthopedic patient positioning solutions that provide a better experience for the OR staff. The best patient positioning product is one that reliably works in the background, so the OR staff can focus on the surgery and patient.
www.radmedical.tech

Redefine Surgery

Booth # 108, 503

Redefine Surgery is building Physical AI for surgery. Launching first in orthopedics, the Redefine Platform combines computer-vision, AI and robotics for an accessible alternative to conventional robotic surgery. Unlike today's large, expensive systems, our platform is designed to be portable, efficient, open and adaptable across anatomies, instruments and surgical workflows.
www.redefinesurgery.com

restor3d

Booth # 505

restor3d is a world leader in patient specific musculoskeletal implants and driven by the belief that every patient deserves personalized care. Alongside you, restor3d is reimagining healthcare.
www.restor3d.com

SECEC

Booth # TT1

SECEC is Europe's leading scientific shoulder and elbow community, bringing together professionals from across Europe and beyond to advance knowledge and care through scientific cooperation and education in a stimulating, challenging and independent environment. Through its annual congress, certification programme, fellowships, research initiatives and online learning activities, SECEC fosters scientific exchange, professional development and collaboration.
www.secec.eu

Shoulder Innovations

Booth # 115

Shoulder Innovations develops leading edge shoulder arthroplasty technology. The InSet™ Shoulder is a fully integrated anatomic and reverse system featuring the InSet™ glenoid, a game-changing design backed by long term data. Please visit our exhibit to learn more.
www.shoulderinnovations.com

Shukla Medical

Booth # 504

In the world of Orthopedic Revision Surgery, Shukla Medical are the Extraction Experts. Our universal systems are designed for the extraction or removal of any orthopedic implant, screw, or hardware from head to toe. Shukla Medical helps reduce time spent in the OR, minimize patient bone loss, reduce patient recovery time, and reduce pre-op planning time. Just remember - if it needs to come out, bring Shukla in.
www.shuklamedical.com

Sironix

Booth # 206

SIRONIX Orthopedic, is a division of Healthium MedTech Limited, specialized in cutting edge solutions for knee and shoulder injuries with USFDA 510(k) cleared and EUMDR Certified range of products & instruments. With modern technology and innovative solutions, backed by extensive R&D, SIRONIX ensures a premium range of products to deliver high standard treatment for athletes and patients.
www.sironixmedtech.com

Skeletal Dynamics

Booth # 102

Skeletal Dynamics - Understanding the Upper Extremity. Understanding the clinical challenges of upper extremity surgery to provide innovative, science-based solutions backed by world class education and trusted service.
www.skeletaldynamics.com

SLAHOC

Booth # TT2

Founded to unite shoulder and elbow specialists across Latin America, SLAHOC promotes excellence in education, research, collaboration, and patient care. Through scientific exchange and international partnerships, the Society strengthens professional development throughout the region. SLAHOC's future focuses on innovation, global integration, and advancing Latin American leadership in shoulder and elbow surgery.
URL not provided

Smith & Nephew, Inc.

Booth # 501, MR1

Smith + Nephew is a global medical technology business dedicated to helping healthcare professionals improve people's lives. Smith + Nephew has global leadership positions in Orthopaedic Reconstruction, Advanced Wound Management, Sports Medicine and Trauma. With distribution channels, purchasing agents and buying entities, Smith + Nephew is present in over 90 countries worldwide and almost 16,000 employees.
www.smith-nephew.com

Statera Medical

Booth # 103

Statera Medical is pioneering objective soft tissue balancing in orthopedic surgery. Our intraoperative technology provides real-time quantitative measurements to improve surgical consistency, support clinical decision-making, and unlock data-driven advancements in personalized patient care.
www.stateramedical.com

Stryker

Booth # 405

Stryker is a global leader in medical technologies and, together with our customers, we are driven to make healthcare better. We offer innovative products and services in MedSurg, Neurotechnology and Orthopaedics that help improve patient and healthcare outcomes. Alongside our customers around the world, we impact more than 150 million patients annually.
www.stryker.com

Tactile Orthopaedics

Booth # 113

Tactile Orthopaedics is a Calgary-based company focused on hyper realistic, training models that simulate human bone and tissue for surgical practice. Its portable, cost-effective knee and shoulder models help surgeons refine and acquire skills in arthroscopy, trauma, and joint replacement without relying on cadaver labs.
www.tactile-ortho.com

Tetrous, Inc.

Booth # 502

Founded in 2019, Tetrous utilizes next generation advanced technologies for enthesis repair in sports medicine applications. The EnFix family of demineralized bone fiber implants includes EnFix RC, EnFix TAC, and EnFix ACL, designed to enhance the natural healing response by supporting biologic reformation at the bone-to-tendon junction.
www.tetrous.com

Tigon Medical

Booth # 112

Tigon Medical is a sports medicine device company on a mission to eliminate plastic waste in the operating room. Through its trademarked GreenRepair initiative, Tigon offers robust, reusable instrumentation alongside seven FDA-cleared product lines—including hard body and all-suture anchors for soft-tissue repair and the FIRE System for glenohumeral joint reconstruction.
www.tigonmedical.com

Titin KM Biomedical

Booth # 111

Manual muscle testing ends at 5/5. Titin measures force, power, work capacity and beyond - continuously across the shoulder complex under omnidirectional load – in a precise, objective and dynamic fashion. The result is predictability: progression, clearance and return to sport become decisions supported by data rather than impression.
www.titinkmbiomedical.com

Zimmer Biomet

Booth # 404

Zimmer Biomet is a global medical technology leader with a comprehensive portfolio designed to maximize mobility and improve health. We seamlessly transform the patient experience through our innovative products and suite of integrated digital and robotic technologies that leverage data, data analytics and artificial intelligence.
www.zimmerbiomet.com/en

ZuriMED Technologies AG

Booth # 109

ZuriMED Technologies AG is a Swiss medical device company focused on sports medicine and orthopedics, developing technologies to address soft tissue repair limitations. Founded in 2015 as a spin-off from the University of Zurich and ETH Zurich, its FDA-cleared mechanical augmentation solution for rotator cuff repairs, the FiberLocker® System, is available in the U.S.
www.zurimed.com

GETTING TO THE **CONGRESS VENUE**

Vancouver is one of Canada's leading international destinations, offering direct flight connections from major cities around the world. **Vancouver International Airport (YVR)** is located just 30 minutes from downtown and provides easy access to the Vancouver Convention Centre by public transit, taxi, or rideshare services.

International attendees are encouraged to review travel requirements early, including passport validity, visas, or eTA eligibility. For additional travel information and transportation options, visit Destination Vancouver or contact our team for assistance. Click here to learn more about visa requirements.

Getting from Vancouver International Airport (YVR) to the Vancouver Convention Centre

PUBLIC TRANSIT

The Canada Line SkyTrain offers a direct connection from Vancouver International Airport to downtown Vancouver.

- Board the Canada Line at YVR Airport Station.
- Exit at Waterfront Station.
- The Vancouver Convention Centre is approximately a 5-minute walk from Waterfront Station.

TAXI OR RIDESHARE

Taxi and rideshare services are available directly from Vancouver International Airport (YVR).

- Travel time to the **Vancouver Convention Centre** is typically **25 to 30 minutes**, depending on traffic conditions.
- Designated pickup areas are clearly marked outside the terminal.

CAR

The Vancouver Convention Centre is easily accessible by car and is conveniently located in downtown Vancouver. On-site and nearby public parking facilities are available for visitors.

ADDITIONAL TRANSPORTATION RESOURCES

For detailed transportation options from Vancouver International Airport, visit:
Vancouver International Airport (YVR) Transportation

For venue access information, directions, and parking details, visit:
Vancouver Convention Centre – Getting Here

Contact: icses2026-registration@icsevents.com

ATTENDEE **RESOURCES**

REGISTRATION
www.icses2026.org/registration

TRAVEL INFORMATION
www.icses2026.org

ACCOMMODATION
www.icses2026.org/icses-2026-vancouver-accommodation

SPEAKER RESOURCES
www.icses2026.org/speaker-resources

KEYNOTE LECTURERS
www.icses2026.org/keynote-lecturers

PROGRAM AT A GLANCE
www.icses2026.org/program-at-a-glance

SHAREABLE LINKS
www.icses2026.org/shareable-links

CONTACT & **SUPPORT**

REGISTRATION
icses2026-registration@icsevents.com

WEBSITE
www.icses2026.org

GENERAL SUPPORT
icses2026-registration@icsevents.com

ON-SITE ASSISTANCE
Visit the ICSES 2026 Registration & Help Desk in the Ballroom Lobby, Level 1

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