



AGENDA

Wi-Fi: Westin Guest Network Password: No Password is Required

Learning Objectives: At the conclusion of the program, learners will be able to:

1. Review management of proximal humerus fractures including surgical indications and techniques.
2. Understand how to incorporate scientific evidence into orthopaedic surgical practice.
3. Gain exposure to recent research in various orthopaedic subspecialties.
4. Explain the patient factors related to operative treatment.
5. Create a financial plan for Orthopedic Surgeons

		Location
7:00 am	Registration/Breakfast with Exhibitors and Poster Review	Prefunction Ballroom Area
7:30 am	Welcome by MOS President and Introduction of Meeting Co-Chairs <i>Sanj Kakar, MD, President, Minnesota Orthopaedic Society</i>	George W. Baird Ballroom
	Course Directors: <i>Ryan Hoel, MD, Twin Cities Orthopedics</i> <i>Mohammed Karim, MD, Mayo Clinic</i> <i>Emmalynn Sigrist, DO, Gillette Children's Hospital</i>	
7:35 am	Legislative Panel: Moderator: David W. Polly, Jr., MD <i>Sen. Alice Mann, MD, MPH</i> <i>Rep. Kristen Bahner</i> <i>Rep. Kaohly Her</i> <i>Sara Goodno, Epilepsy Foundation of Minnesota</i>	
8:15 am	Introduction of Presidential Speaker	
8:20 am	Presidential Lecture: What is the Appropriate Process for Utilizing Published Evidence in Changing Individual Practice Decisions <i>Marc Swiontkowski, MD</i> <i>Professor Department of Orthopaedic Surgery</i> <i>University of Minnesota</i> <i>Editor JBJS</i>	
9:10 am	Question and Answer Session	
9:15 am	Coffee Break with Exhibitors and Poster Review (9:15-9:45 am)	Prefunction Ballroom Area
9:50 am	Asset Location Vs. Asset Allocation <i>Ian Rose, LACP, CRES</i> <i>Founding Partner/CEO</i> <i>Surgeons Capital Management & SCM Advisors</i>	
10:20 am	Question and Answer Session	
10:25 am	Introduction of Heritage Lecturer	

- 10:30 am **Heritage Lecture: Proximal Humerus Fractures**
Paul Toretta III, MD, PhD
Professor and Chair
Boston University Orthopaedics
- 11:00 am **Question and Answer Session**
- 11:05 am **AAOS Advocacy & Involvement Sessions**
Wayne Johnson, MD, FAAOS, FACS
AAOS OrthoPAC, Chairman
- Paul Toretta III, MD, PhD*
Professor and Chair
Boston University Orthopaedics
- 11:30 am **MOS Members-Only Business Meeting & Presidential Update**
Sanj Kakar, MD, President, Minnesota Orthopaedic Society
Legislative Update: Chad Fahning, MOS Lobbyist
- 12:00 pm **Lunch with Exhibitors and Poster Review (12:00- 1:00 pm)** Prefunction Ballroom Area/Cahill Ballroom
- 1:00 pm **Introduction of Award-Winning Abstracts** **George W. Baird Ballroom**
- 1:05 pm **Award-Winning Abstract 1 OREF Resident Award**
Hemiarthroplasty versus Total Shoulder Arthroplasty in B2 Glenoids with an Intact Rotator Cuff: A Long-Term Matched Cohort Analysis: *Ryan T. Conyer, MD*
- 1:10 pm **Award-Winning Abstract 2- OREF Resident Award**
Pediatric Hip Deformity from Legg Calve Perthes Disease: Assessing Trends in Treatment over Time:
Nicholas Reiners, MD
- 1:15 pm **Break and Move to Breakout Rooms Visit With Exhibitors (1:15-1:30 pm)** Prefunction Ballroom Area

Session 1 Breakout: (1:30-1:55 pm)

Joints: Moderator Der-Chen Tim Huang, MD

George W. Baird Ballroom

Pediatrics: Moderator: Emmalynn Sigrist, DO

Cahill Ballroom

1:30 pm	Minimum Clinically Important Difference in Total Joint Arthroplasty: Does One MCID Value Fit All Patients? <i>Fernando Huyke-Hernandez BS</i>	Minimum 5-Year Results of Long-term Mehta Casting and Bracing: The Story Isn't Over until Skeletal Maturity. <i>Christina Regan, BS</i>
1:34 pm	Physical Activity Resumption and Quality of Life Following Total Joint Arthroplasty. <i>Lily J Qian, BA, BSB</i>	Does Duration of Non-weightbearing After Femoral Varus Osteotomy Affect Radiographic Outcome at 2-year Follow-up of 8 to 11-Year-Old Patients with Legg Calve Perthes Disease? An international Multicenter Prospective Study. <i>Jennifer Laine, MD</i>
1:38 pm	Periprosthetic Fractures Following Total Hip Arthroplasty: How Many Have Systemic Osteopenia or Osteoporosis? <i>Michael W. Seward, M.D.</i>	Delay in Diagnosis of Legg Calve Perthes Disease in the Young Child. <i>Susan Novotny, PhD</i>

1:42 pm	Achievable Athletic Activity Following Total Joint Replacement: A Comparison of Patient Reported Outcomes and Activity Levels Pre and Post Surgery. <i>Sydney Boike, BS</i>	
1:46 pm	Questions and Answers	Questions and Answers

Session 2: Breakout (2:00 2:25 pm)

Sports: Moderator Caitlin Chambers, MD

George W. Baird Ballroom

Trauma Part 1: Moderator Paul Lafferty, MD

Cahill Ballroom

2:00 pm	Operative Time for Anterior Cruciate Ligament Reconstruction According to Graft Type: Is There a Faster Technique? <i>Fernando Huyke-Hernandez BS</i>	Surgical Management of Peroneal Nerve Injuries. <i>Courtney Carlson Strother, M.D.</i>
2:04 pm	Two-Year Outcomes and Characteristics of Anterior Cruciate Ligament Reconstruction in Patients Aged 16 and Under. <i>Stephen A. Doxey DO</i>	The Use of the Piriformis Fossa Radiographic Landmark to Predict “In-Out-In” Placement of the Posterosuperior Femoral Neck Screw. <i>Nicolas P. Kuttner, B.S.</i>
2:08 pm	Anterior Cruciate Ligament Reconstruction In Recreational Athletes Aged 40 and Older: Activity Level as an Indication. <i>Stephen A. Doxey DO</i>	Biomechanical Evaluation of the Risk of Subtrochanteric Fracture after Femoral Neck Fixation: The Femoral Neck System versus Cannulated Screws. <i>Nicolas P. Kuttner, B.S.</i>
2:12 pm	Non-operative Management of Medial Meniscus Posterior Horn Root Tears: Poor Outcomes at Minimum 10-year Follow-Up. <i>Abhinav Lamba, BS</i>	Cannulated Screws or Hemiarthroplasty for Femoral Neck Fractures: Is There a Mortality Difference? <i>Austen L. Thompson</i>
2:16 pm	Effect of Posterior Tibial Slope on Outcomes Following Posterior Cruciate Ligament Reconstruction. <i>Ryan T. Conyer, MD</i>	Urinary Bladder Matrix and its Use in Orthopedic Trauma: a Tool in the Orthopedic Surgeons Toolbelt. <i>Sydney Boike, BS</i>
2:20 pm	Questions and Answers	Questions and Answers

Session 3: Breakout (2:30 2:55 pm)

Hand: Moderator Kristin Karim, MD

George W. Baird Ballroom

Spine Part 1: Moderator Ryan Hoel, MD Cahill Ballroom

2:30 pm	Long-term Outcomes of the Darrach Procedure in Patients 40 Years and Younger. <i>Courtney Carlson Strother, MD</i>	Pelvic Incidence Supine Versus Upright in Adult Spine Patients. <i>Matthew Godlewski, MD</i>
2:34 pm	Dynamic Computed Topography of the Distal Radioulnar Joint Versus Magnetic Resonance Imaging in Detecting Foveal Tears of the Triangular Fibrocartilage Complex. <i>Zachary Braig, MD</i>	Differences Across Various Ideal Lumbar Lordosis Measurement Formulas for Patient Specific Sagittal Alignment Goals. <i>Jason J. Haselhuhn, DO</i>

2:38 pm	Syndromic Involvement for Patients Presenting with Congenital Hand Differences. <i>Linzie Wildenauer BS</i>	Postoperative Use and Early Discontinuation of Intravenous Lidocaine in Spine Patients. <i>Jason J. Haselhuhn, DO</i>
2:42 pm	Actual Number of Oral Opioids Used after Outpatient Hand and Upper-Extremity Surgery. <i>Julia K Gesensway, PAC</i>	
2:46 pm	Short-Term Outcomes in Patients with Carpometacarpal Arthroplasty and Metacarpophalangeal Fusion Compared With Carpometacarpal Arthroplasty. <i>Carissa C. Dock BS</i>	
2:50 pm	Questions and Answers	2:42 pm Questions and Answers

Session 4: Breakout (3:00 3:25 pm)

Sports Part 2 : Moderator Caitlin Chambers, MD
George W. Baird Ballroom

Trauma Part 2: Moderator Paul Lafferty, MD
Cahill Ballroom

3:00 pm	Contrasting Pitcher Utilization in NCAA Softball and Baseball. <i>Taylor Freetly, MD</i>	Comparison of Hardware Removal and Complication Rates Between Mini and Small Fragment Implants for Lateral Malleolar Fixation. <i>Zach Paull, MD</i>
3:04 pm	Outcomes of Arthroscopic Lysis of Adhesions And Manipulation for Arthrofibrosis after Multi ligamentous Knee Reconstruction: Durable Return of Motion and Excellent Patient Satisfaction. <i>Abhinav Lamba, BS</i>	Does Transparency of Ankle Implant Costs Influence Surgeon Behavior? <i>Zach Paull, MD</i>
3:08 pm	Concise Long-term Follow-up of a Multiligament Knee Injury Cohort 10 Years After Surgery. <i>Alexander M. Boos, BA</i>	Is it Safe to Immediately Mobilize Diaphyseal Ulnar Shaft Fractures or Ulnar Shortening Osteotomies after Fixation? <i>Lauren Dittman, MD</i>
3:12 pm	Long-Term Outcomes of Primary Hip Arthroscopy with Labral Repair at Minimum 9-Year Follow-Up. <i>Allen S. Wang, M.S.</i>	Three-Dimensional Mapping of Scapular Fractures: Patterns of 87 patients. <i>Indraneel S. Brahme MD</i>
3:16 pm	5 Year Outcomes of Hip Abductor Repair or Reconstruction. <i>Alexander M. Boos, BA</i>	Glenopolar Angle: Are We Using the Right Threshold? <i>Indraneel S. Brahme, MD</i>
3:20 pm	Questions and Answers	3:20 pm Questions and Answers

Session 5: Breakout (3:30 3:55 pm)

Shoulder and Elbow: Moderator Alicia Harrison, MD
George W. Baird Ballroom

Spine Part 2: moderator Mohammed Karim, MD
Cahill Ballroom

3:30 pm	Outcomes of Glenohumeral Arthrodesis in Patients with Brachial Plexus Injuries using Reamer Irrigator Aspirator Bone Grafting. <i>Lauren Dittman, MD</i>	Predictors of Performance in Spine Surgery Fellowship. <i>Hannah A. Levy, MD</i>
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3:34 pm	Resilience Correlates with Patient-Reported Outcome Measures at a Minimum of Two Years after Arthroscopic Rotator Cuff Repair. <i>Charlie Wilson, MD</i>	Effect of Sacroiliac Joint Fusion Revision on Unresolved Pain and Disability: A Retrospective Cohort Study. <i>Levi Brown, MD</i>
3:38 pm	Grit is not Associated with Opioid Consumption in Patients Undergoing Primary Arthroscopic Rotator Cuff Repair: A Prospective Observational Study <i>Michael Walsh MD</i>	Technique for Spondylolisthesis Reduction and Segmental Lordosis Optimization in Lateral Lumbar Interbody Fusion with Percutaneous Pedicle Screw Fixation (LLIF-PPS): A Case Series. <i>Jason J. Haselhuhn, DO</i>
3:42 pm	Sternoclavicular Joint Pathology: Examination of a 17-year Case Series and Recommendation of a Surgical Algorithm. <i>Indraneel S. Brahme MD</i>	Cervical Spine Fusion Rates Related to Bone Graft Type and Spinal Levels. <i>Glenn R Buttermann, MD</i>
3:46 pm	Questions and Answers	3:46 pm Questions and Answers

Adjourn: 4:00 pm

Posters

Wide Anatomical Variability of PI Normative Values within an Asymptomatic Population: A Systematic Review.

Kari Odland DAT, LAT, ATC

Demographics and Characteristics of Orthopaedic Surgery Residency Program Directors: A Cross-Sectional Review.

Paige Cummings, BS

Prevalence of Total Joint Replacement in Adult Spinal Deformity Patients. *Dylan Thomas, MD*

A Case Series Evaluating Postoperative Complications of Foot and Ankle Surgeries in Adult Patients with Neuromuscular Disease. *Joshua Levine, BA*

Development of A Sacral Fracture Model to Demonstrate Effects on Sagittal Alignment. *Jason Haselhuhn, DO*

Analysis of Isolated Medial Meniscus Root Tears: Risk Factors for Clinical Failures. *Allen S. Wang, M.S.*

Pulmonary Insufficiency as a Result of Multiple Post-Traumatic Rib Synostoses and Treatment.

Indraneel S. Brahme MD

Preoperative and Operative Characteristics in the Context of Patient-Reported Outcomes for ACLR in Patients Aged 40 or Older: Allograft versus Autograft. *Stephen A. Doxey DO*

How Does the Literature on Minimum Clinically Important Difference (MCID) Apply to the Patient Population from a Single Center: The Challenge of MCID in Anterior Cruciate Ligament Reconstruction. *Fernando A. Huyke-Hernandez BS*

Minimum Clinically Important Difference (MCID) for Single Assessment Numeric Evaluation (SANE) after Anterior Cruciate Ligament Reconstruction: Determining a Successful Outcome. *Fernando A. Huyke-Hernandez BS*

Variation in Responsiveness of KOOS Subscales after Primary ACLR. *Fernando A. Huyke-Hernandez BS*

Distal Radius Fractures: Preoperative Patient Factors' Ability to Predict Patient Reported Outcomes.

Stephen Doxey DO

Distal Radius Fractures: Mental Health and Overall Health's Effect on Minimum Clinically Important Difference.
Stephen Doxey DO

The True-Blue Technique: Enhanced Chondral Assessment of the Chest Wall. *Indraneel Brahme, MD*

Age-based Surgical Trends and Associated Costs in the Context of Primary ACLR Outcomes. *Stephen Doxey DO*

Midterm Patient-Reported Outcomes, Mechanical Alignment, and Cartilage Assessment Pose-ACL Reconstruction in the Skeletally Immature: A Minimum 5 Year Follow-up with a 3.0 T MRI. *Ryan Hatch, MD*

2024 Annual Meeting:
Save the Date May 3, 2024 at the Westin Edina.

Thank you to the Following Donors:



The Minnesota Orthopaedic Society would like to thank the OREF for their generous contribution towards the OREF Resident Awards.

The Minnesota Orthopaedic Society would like to thank the Carlander Family for their generous donation for the Heritage Lecture.

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