

**Western Orthopaedic Association  
90<sup>th</sup> Annual Meeting  
The Broadmoor  
Broadmoor A  
Colorado Springs, CO  
Scientific Program**

**Thursday, July 30<sup>th</sup>**

- 6:30 am – 7:30 am                      **Scientific Poster Session** (*Broadmoor C*) (Presenters are available to answer questions)
- 6:30 am – 7:30 am                      **Scientific E-Poster Session** (*Broadmoor E & F*) (Presenters are available to answer questions)
- 7:15 am – 7:25 am                      **First Business Meeting**  
*\*CME Credit not available*
- 7:25 am – 7:30 am                      **Welcome, Announcements and Overview**  
*Cynthia M. Kelly, MD, President*  
*Nicholas A. Alfonso, MD, Program Co-Chair*  
*Luke T. Nicholson, MD, Program Co-Chair*
- Rapid Fire Session 1A – Foot & Ankle** (*Broadmoor F*)  
Moderator:    TBD
- 7:35 am – 7:39 am                      630 - Tibiotalocalcaneal Fusion using a Dual Compression Intramedullary Nail: Short-Term Outcomes  
*Rachel Becker, BS, University of California Davis School of Medicine*  
*\*Presented by David Dallas-Orr, MD, MBA, MTM*
- 7:39 am – 7:43 am                      71 - Evaluation of Surgical Costs Associated with Ankle Fracture Fixation  
*Michael Amick, University of Utah*  
*\*Presented by Timothy Wardrop*
- 7:43 am – 7:47 am                      504 - The Comeback Cost: NFL Operative Ankle Fractures and Career Longevity  
*Tiffany Smith, MD, Columbia University Irving Medical Center*
- 7:47 am – 7:50 am                      Discussion

- 7:50 am – 7:54 am                      600 - Structural vs. Non-Structural Grafts in Corrective Osteotomy for Distal Radius Malunion  
*Matthew Gallo, MD, Keck School of Medicine of USC*
- 7:54 am – 7:58 am                      522 - Talus Fractures with Talar Body Extrusion: A Case Series  
*Abby Viglione, MD, UC Davis*
- 7:58 am – 8:02 am                      556 - Short-Term Analysis of Total Ankle Total Talus Replacement  
*Hunter Wittholt, University of Colorado Anschutz Medical Campus*  
*\*Presented by Rose E. Adler, BS*
- 8:02 am – 8:05 am                      Discussion
- Rapid Fire Session 1B – Trauma (Broadmoor E)**  
Moderator:    TBD
- 7:35 am – 7:39 am                      297 - Intramedullary Nailing Offers Comparable Implant Survival and Shoulder Function with Reduced Blood Loss and Operative Time Compared to Plate Osteosynthesis for Metastatic Humeral Shaft Fractures  
*Christopher D. Hamad, MD, University of California, Los Angeles*
- 7:39 am – 7:43 am                      344 - Language and Neighborhood in Lower Extremity Trauma in Los Angeles  
*Maveric Abella, MD, Cedars Sinai Medical Center*
- 7:43 am – 7:47 am                      584 - Cost-Effectiveness of Operative Treatment of Olecranon Fractures in Elderly Patients  
*Steven Criss, MD, Stanford Health Care*  
*\*Presented by Rachel Roller, MD*
- 7:47 am – 7:52 am                      Discussion
- 7:52 am – 7:56 am                      536 - PROMIS Scores Predict Nonunion after Surgery for Humeral Shaft Fracture  
*Shannon O'Hara, BA, Cedars-Sinai Medical Center*
- 7:56 am – 8:00 am                      595 - Simultaneous Clavicle and Rib Fracture Fixation in Patients with Severe Chest Wall Injuries is Associated with Improved Outcomes  
*Adam Schlauch, MD, Denver Health*  
*\*Presented by Anna Zakusylo, MBS*

8:00 am – 8:05 am Discussion

**Rapid Fire Session 1C – Basic Science** (*Columbine*)

Moderator: TBD

7:35 am – 7:39 am 424 -Arthroplasty Intramedullary Debridement as a Stromal Cell Source  
*Mauricio Alvarez, BA, University of Colorado Anschutz*

7:39 am – 7:43 am 17 - Unmasking Dormant Infections Predicts Infection-Free Survival  
*Derek Amanatullah, MD, PhD, Stanford University*

7:43 am – 7:47 am 373 - Bone Regeneration in a Critical-Sized Rate Femoral Defect Using the Novel Osteoinductive Molecule Oxy133  
*Marc Abdou, MS, University of Southern California Keck School of Medicine*

7:47 am – 7:50 am Discussion

7:50 am – 7:54 am 281 - Fracture-Healing Biomarker Kinetics Vary with Comorbidity Profiles and Injury Mechanisms  
*Caellagh Catley, MD, OHSU*

7:54 am – 7:58 am 48 - Differential Gene Expression in SLAP Tears and Shoulder Instability  
*Caleb Gerber, MD, MBA, Madigan Army Medical Center*

7:58 am – 8:02 am 638 - Immune Cell Composition and Chronic Inflammation in Metastatic High-Grade Osteosarcoma  
*Maithily Diaz, MSci, University of California, San Francisco*

8:02 am – 8:05 am Discussion

**Rapid Fire Session 1D – Spine** (*Lakspur*)

Moderator: TBD

7:35 am – 7:39 am 163 - Prior MI Increases Cardiac Risk after Posterior Cervical Fusion  
*Michael Kim, MD, University of California, Irvine, School of Medicine*  
*\*Presented by Emily L. Tse, BA*

- 7:39 am – 7:43 am 433 - MRI-Based Assessment of Paraspinal Muscle Quality after Cervical Surgery  
*Prudhvi Kodali, BA, Cedars-Sinai*
- 7:43 am – 7:47 am 411 - Impact of Non-Tobacco Nicotine Dependence on Two-Year Outcomes following Anterior Cervical Discectomy and Fusion  
*Ellie Cherryhomes, BJ, BA, Texas Tech University Health Sciences Center El Paso (TTUHSC El Paso)*  
*\*Presented by David Fogg, MD*
- 7:47 am – 7:50 am Discussion
- 7:50 am – 7:54 am 428 - Deviation of Spinous Processes in the Adult Cervical Spine  
*Aidan Lindgren, BS, Keck School of Medicine*
- 7:54 am – 7:58 am 447 - Tissue Depth Predicts Blood Loss and Operating Time for ACDF  
*Marco Napolitano, MS, MSM Keck School of Medicine of*  
*\*Presented by Aidan R. Lindgren, BS*
- 7:58 am – 8:02 am 204 - AI-Driven Radiographic and Biomechanical Analysis for Cervical Total Disc Replacement: A Preliminary Multi-Cohort Investigation  
*Vikas V. Patel, MD, MA, BSME, University of Colorado*  
*\*Presented by Kyle Jamar*
- 8:02 am – 8:05 am Discussion
- Rapid Fire Session 1E – Sports Medicine (Astor)**  
Moderator: TBD
- 7:35 am – 7:39 am 213 - Cost-Effectiveness of Remplissage for On-Track Hill-Sachs Lesions  
*Matthew Frederickson, MD, University of California, Davis Health*  
*\*Presented by Megan Kou, BS*
- 7:39 am – 7:43 am 96 - Arthroscopic Shoulder Stabilization with Addition of Remplissage Procedure Decreases Reoperation Rate  
*Joseph M. Sliepka, MD, University of California, San Francisco*

7:43 am – 7:47 am	110 - Athletes Undergoing Bristow-Latarjet Stabilization Demonstrate Higher Rates of Full Return to Sport: A Systematic Review and Meta-Analysis <i>Eyad Mansour, MS, California Health Sciences University College of Osteopathic Medicine</i>
7:47 am – 7:50 am	Discussion
7:50 am – 7:54 am	480 - Tendon Transfer Outcomes for Irreparable Posterosuperior Rotator Cuff Tears <i>Anthony Mouchawar, MS, University of Southern California</i>
7:54 am – 7:58 am	245 - Association of Chronic Statin Use with Rotator Cuff and Achilles Retears <i>Shaylan Bera, BS, University of Arizona College of Medicine - Phoenix</i>
7:58 am – 8:02 am	312 - CKCUEST Administration, Performance, and Cutoff Scores: A Scoping Review <i>Sean Sibley, DPT, University of Colorado Anschutz School of Medicine</i>
8:02 am – 8:05 am	Discussion
8:15 am – 8:45 am	<b>Focused Breakfast Presentation – DT MedSurg</b> Injecting Early Relief: Optimizing Care for Patients with Knee OA with Intra-Articular Injections <i>Adam Rivadeneyra, MD, Hoag Orthopedic Institute</i> <i>*CME Credit not available</i>
<b>8:55 am – 9:15 am</b>	<b><i>Break – Please visit exhibits (Broadmoor B)</i></b>
<b>Symposium 1 – Infection</b>	
Moderator: Joshua Gary, MD, <i>University of Texas Medical Branch - Galveston</i>	
9:15 am – 9:25 am	Trauma Infection <i>Joshua L. Gary, MD, University of Texas Medical Branch - Galveston</i>
9:25 am – 9:35 am	Sports Infection <i>Anthony E. Johnson, MD, AEJ Consulting PC</i>
9:35 am – 9:45 am	Joints Infection <i>Antonia F. Chen, MD, MBA, UT Southwestern Medical Center</i>

9:45 am – 9:55 am Spine Infection  
*Nitin N. Bhatia, MD, University of California, Irvine*

9:55 am – 10:05 am Discussion

**Concurrent ICL 1A – Sports**

Moderator: Christopher D. Joyce, MD, *University of Utah*

10:15 am – 10:25 am Rotator Cuff Augmentation: Who Needs It?  
*Christopher D. Joyce, MD, University of Utah*

10:25 am – 10:35 am Treating Athletes with Anterior Shoulder Instability and  
Glenoid Bone Loss  
*Sara L. Edwards, MD, University of California, San  
Francisco*

10:35 am – 10:45 am Management of Shoulder Arthritis in Patients Under 50  
*Corey J. Schiffman, MD, University of Washington*

10:45 am – 10:55 am Female Shoulder Instability - Why Evidence Matters When  
the Answer is So Obvious?  
*Anthony E. Johnson, MD, AEJ Consulting PC*

10:55 am – 11:05 am Discussion

**Concurrent ICL 1B – Limb Restoration and Amputations (Broadmoor F)**

Moderator: Geoffrey S. Marecek, MD, *Cedars-Sinai Medical Center*

10:15 am – 10:25 am Osseointegration: Where are We in 2026?  
*Ali Azad, MD, University of Southern California*

10:25 am – 10:35 am Limb Lengthening  
*Geoffrey S. Marecek, MD, Cedars-Sinai Medical Center*

10:35 am – 10:45 am Arthrodesis and Amputations  
*David H. Chafey, MD, University of New Mexico*

10:45 am – 10:55 am Targeted Muscle Reinnervation/Regenerative Peripheral  
Nerve Interfaces  
*David P. Schnur, MD, Banner Health*

10:55 am – 11:05 am Discussion

**Concurrent ICL 1C – Pediatrics (Broadmoor E)**

Moderator: Jessica Burns, MD, MPH, FAAOS, *Phoenix Children's Hospital*

- 10:15 am – 10:25 am                      Young Femur Fractures (Age <5)  
*Erika L. Valentine, MD, Children's Hospital Colorado*
- 10:25 am – 10:35 am                      Older Child Femur Fractures (Age 5–12)  
*Jenifer N. Powers, MD, Shriners Children's, Las Vegas*
- 10:35 am – 10:45 am                      Adolescent/Adult Transitional Femur Fractures (Age 12+)  
*William S. Wood, MD, Phoenix Children's Hospital*
- 10:45 am – 10:55 am                      Pathologic Femur Fractures in Children  
*Jessica Burns, MD, MPH, Phoenix Children's Hospital*
- 10:55 am – 11:05 am                      Discussion
- 11:05 am – 11:25 am**                      ***Break – Please visit exhibits (Broadmoor B)***
- 11:25 am – 11:35 am                      **Presentation of the Blair Filler Award**  
*\*CME Credit not available*
- 11:35 am – 12:05 pm                      **Focused Lunch Presentation – Heron Therapeutics, Inc.**  
A Synergistic Foundation for Postoperative Pain  
Management  
*Jonathan Saluta, MD*  
*\*CME Credit not available*

**General Session 1 – Howard Steel Lecturer**

Moderator: Cynthia M. Kelly, MD, *Colorado Limb Consultants*  
*\*CME Credit not available*

- 12:05 pm – 12:10 pm                      Introduction of the Howard Steel Lecturer  
*Cynthia M. Kelly, MD, Colorado Limb Consultants*
- 12:10 pm – 1:00 pm                      Between a Rock and a Hard Place: Turning Adversity to  
Advantage  
*Aron Ralston*

**General Session 2 – OREF/WOF Junior Investigator Awards and WOA Research Grant Presentations**

Moderators: Nicholas A. Alfonso, MD, *University of Colorado*  
Luke T. Nicholson, MD, *University of Southern California*

- 1:00 pm – 1:06 pm                      22 - Dual-Mobility vs. Jumbo-Head Primary Total Hip  
Arthroplasty Stability: Registry Study  
*Foster Chen, MD, Virginia Mason Franciscan Health*

1:06 pm – 1:12 pm	629 - Do Arthroplasty Patients Need to Stop NSAID Use Prior to Surgery? <i>Peter Gold, MD, Panorama Orthopedic &amp; Spine Center</i>
1:12 pm – 1:18 pm	294 - Prior Collagenase Injection Is Associated with Increased Revision Risk following Primary Fasciectomy for Dupuytren's Contracture <i>Ali Azad, MD, Keck School of Medicine of USC</i>
1:18 pm – 1:24 pm	Discussion
1:24 pm – 1:34 pm	<b>First Place Research Award</b> 693 - The New State of Periprosthetic Joint Infection - Immune Profiling Reveals Clinically Silent Dormant Infection Predictive of Relapse <i>Derek F. Amanatullah, MD, PhD, Stanford University</i>
1:34 pm – 1:44 pm	<b>Second Place Research Award</b> 694 - Mitochondrial Genetic Variation Orchestrates COPZ1 Transcript Heterogeneity and Reveals Telomere-Mediated Vulnerabilities in Osteosarcoma <i>Alexander B. Christ, MD, University of California, Los Angeles</i>
1:44 pm – 1:54 pm	<b>Third Place Research Award</b> 695 - Improving Patient Health Literacy Through Gamification of Medicine Using Augmented Reality–Powered Tools for Common Spinal Degenerative Conditions: A Proof-of-Concept Study <i>Hai Van Le, MD, MPH, University of California, Davis</i> <i>*Presented by Hania Shahzad, MD</i>
1:54 pm – 2:00 pm	Discussion
<b>Symposium 2 – Disasterplasty</b>	
Moderator: Rina Jain, MD, <i>Synergy Orthopedics</i>	
2:00 pm – 2:10 pm	General Principles of Periprosthetic Fractures <i>Jessica Lee, MD, University of Colorado</i>
2:10 pm – 2:20 pm	Arthroplasty for Proximal Femur Fractures <i>Rina Jain, MD, Synergy Orthopedics</i>
2:20 pm – 2:30 pm	Underlying Metastatic Disease <i>Erica M. Giles, MD, UT Physicians Orthopedics</i>

2:30 pm – 2:40 pm                      Perioperative Management of the Oncology Femur Fracture Patient  
*Susan V. Bukata, MD, University of California, San Diego*

2:40 pm – 2:50 pm                      Discussion

**Rapid Fire Session 2A – Trauma** (*Broadmoor F*)

Moderator:    TBD

3:00 pm – 3:04 pm                      192 - Weightbearing in Tibial Shaft Fractures with Intra-Articular Extension  
*Aeryus Holloway, MD, Banner Health Medical Center*

3:04 pm – 3:08 pm                      300 - Radiographic and Functional Outcomes in Geriatric Pilon Fractures  
*Violette Simon, MD, Cedars Sinai Medical Center*

3:08 pm – 3:12 pm                      603 - Are All Displaced Femoral Neck Fractures the Same?  
*Erika Roddy, MD, Harborview Medical Center, University of Washington*  
*\*Presented by Ellen M. Goldberg, MD, MPH*

3:12 pm – 3:16 pm                      102 - Mechanical Complications with Inlay vs. Non-Inlay Design Retrograde Nails in Distal Femur Fractures  
*Noah Natanael Swärd, University of California, San Diego*  
*\*Presented by Kevin Yue Zhu, MD*

3:16 pm – 3:20 pm                      619 - Working Length in Distal Femur Fractures: Do We Finally Have an Answer?  
*Varun Gudapati, MD, BSE, University of California, a Los Angeles*

3:20 pm – 3:24 pm                      99 - Comparative Outcomes of Screw, Suture Button, and Aperture Fixation for Syndesmotic Injuries  
*Erin Kim, BA, University of California San Diego School of Medicine*  
*\*Presented by Kevin Yue Zhu, MD*

3:24 pm – 3:30 pm                      Discussion

3:30 pm – 3:34 pm                      598 - Impact of Ipsilateral Femoral Neck Fracture on Femoral Shaft Nonunion: A Comparative Cohort Study  
*Zachary Rockov, MD, Harborview Medical Center*

3:34 pm – 3:38 pm                      253 - Impact of GLP-1 Agonists on Outcomes following Tibial Shaft Fixation

*Nathaniel Kern, MD, ATC, CSCS Banner University  
Medical Center - Phoenix*

- 3:38 pm – 3:42 pm      320 - Supine vs. Lateral Positioning for Cephalomedullary Nailing of Intertrochanteric Fractures  
*Ryan C. Ross, BS, Keck School of Medicine of USC*  
*\*Presented by Joshua L. Gary, MD*
- 3:42 pm – 3:46 pm      413 - Zero Missed Compartment Syndromes with Q4 Tibial Fracture Monitoring  
*Tyler Thorne, MD, University of Utah*  
*\*Presented by Rory A. Byrne, MD*
- 3:46 pm – 3:50 pm      187 - Nail-Plate Combinations for Periprosthetic Knee Fractures Report Lower Two-Year DVT  
*Shaylan Bera, BS, University of Arizona College of Medicine - Phoenix*
- 3:50 pm – 3:54 pm      513 - Incidence of New-Onset Substance Use Disorder after Lower Extremity Polytrauma  
*Alejandro Holle, BS, Mayo Clinic*  
*\*Presented by Paul R. Van Schuyver, MD*
- 3:54 pm – 4:00 pm      Discussion

**Rapid Fire Session 2B – Total Joint** (*Broadmoor E*)

Moderator: TBD

- 3:00 pm – 3:04 pm      185 - Knee Denervation Frequently Requires Subsequent TKA Increasing Cost and Complications  
*Tyler Brady, BS, University of Arizona College of Medicine - Phoenix*
- 3:04 pm – 3:08 pm      306 - Diabetes is Associated with an Increased Risk of Arthrofibrosis following Total Knee Arthroplasty  
*Collin Braithwaite, MD, Mayo Clinic*  
*\*Presented by Ahmad Alhankawi, BA*
- 3:08 pm – 3:12 pm      37 - Extended-Release Topical Anesthetic vs. PAI in 4,000 Consecutive Primary TKAs  
*Alexander Sah, MD, Institute for Joint Restoration*
- 3:12 pm – 3:16 pm      545 - Who Improves Two Years after Total Knee Arthroplasty?  
*Michael Dayton, MD, University of Colorado Anschutz Medical Campus*

- 3:16 pm – 3:20 pm 559 - Socioeconomic Disparities in Robot-Assisted Total Knee Arthroplasty Utilization  
*Tyler Lockwood, BS, UC Davis School of Medicine*  
*\*Presented by Zachary C. Lum, DO*
- 3:20 pm – 3:24 pm 338 - Measuring the Impact of Diabetes on Early Postoperative Activity after Primary Total Knee Arthroplasty Using a Smart Implantable Device: A Propensity Score-Matched Analysis  
*Jawad Najdawi, MD, Cedars-Sinai Medical Center*  
*\*Presented by Paal Nilssen, MD*
- 3:24 pm – 3:30 pm Discussion
- 3:30 pm – 3:34 pm 570 - Revision ORIF vs. Conversion Arthroplasty for Femoral Neck Fracture Nonunion  
*George Bcharah, MS, Mayo Clinic*  
*\*Presented by Joshua A. Holmstrom*
- 3:34 pm – 3:38 pm 252 - Impact of Mean Income on Revision Surgery after Hip Arthroplasty  
*Bill Young, BS, Stanford University*  
*\*Presented by Derek F. Amanatullah, MD, PhD*
- 3:38 pm – 3:42 pm 181 - Higher Dexamethasone Doses Associated with Similar Infection Risk following TJA  
*Sahil Telang, BS, Keck School of Medicine of USC*
- 3:42 pm – 3:46 pm 391 - Impact of Intervention Timing on the Failure of DAIR in Acute Postoperative PJI  
*Ahmad Zedan, BS, University of California, San Francisco*
- 3:46 pm – 3:50 pm 157 - Predicting Five-Year Mortality after PJI Using an Accumulated Frailty Index  
*Brandon S. Gettleman, MD, University of California - Los Angeles*  
*\*Presented by Alexander B. Christ, MD*
- 3:50 pm – 3:54 pm 145 - Results of 1 Stage Revision for PJI-Results of the First 695 Patients  
*Ritvik Kakumani, BS, DFW Sarcoma Group*
- 3:54 pm – 4:00 pm Discussion

**Rapid Fire Session 2C – Spine (Columbine)**

Moderator: TBD

- 3:00 pm – 3:04 pm 272 - Symptomatic Retroperitoneal Fluid Collection following ALIF: A Single Institution Study  
*Daniel Rusu, BS, Keck School of Medicine of USC*  
*\*Presented by Marc A. Abdou, MS*
- 3:04 pm – 3:08 pm 450 - Impact of Hip Stiffness on Spinopelvic Compensation and Adjacent Segment Motion after Lumbar Fusion  
*William Karakash, BS, Keck School of Medicine of USC*  
*\*Presented by Aidan R. Lindgren, BS*
- 3:08 pm – 3:12 pm 205 - Allogenic Stem Cells in Lumbar Interbody Spinal Fusion: A Retrospective, Matched-Cohort Study  
*Vikas Patel MD, MA, BSME, University of Colorado*  
*\*Presented by Charles P. Nolte, BS*
- 3:12 pm – 3:16 pm 119 - TXA in Lumbar Spine Surgery: A Randomized Prospective Study  
*Malik Scott, BA, The University of Chicago Pritzker School of Medicine*  
*\*Presented by Varsha Vakkala*
- 3:16 pm – 3:20 pm 379 - Clinical Correlates of Pain Tolerance: Associations with Postoperative Pain Burden and Opioid Requirements following Lumbar Fusion Surgery  
*Marc Abdou, MS, University of Southern California Keck School of Medicine*
- 3:20 pm – 3:24 pm 464 - Quantifying Ergonomics with Dynamic Motion Sensors in Lumbar Spine Surgery  
*Renzo Laynes, MD, Virginia Mason Medical Center*
- 3:24 pm – 3:30 pm Discussion
- 3:30 pm – 3:34 pm 577 - Androgen Deprivation Therapy and Lumbar Fusion Outcomes: A Multicenter Real-World Analysis  
*Sarah Meng, BS, Loma Linda University School of Medicine*
- 3:34 pm – 3:38 pm 459 - Spinopelvic Compensation during Standing to Sitting Transition after Short-Segment Lumbar Fusion  
*William Karakash, BS, Keck School of Medicine of USC*  
*\*Presented by Aidan R. Lindgren, BS*

- 3:38 pm – 3:42 pm 421 - The Impact of Patient-Specific Short Rods on Spinopelvic Alignment and Clinical Outcomes after Degenerative Lumbar Fusion  
*Christopher Kleck, MD, University of Colorado*  
*\*Presented by Hunter Lindsay, BS*
- 3:42 pm – 3:46 pm 398 - Fusion of the Lumbar Spine and Implications for Hip Motion: A Theoretical Model  
*Emily Mills, MD, University of Southern California*
- 3:46 pm – 3:50 pm 382 - Risk Factors for Reherniation following Lumbar Microdiscectomy: An Institutional Analysis  
*Daniel Rusu, BS, Keck School of Medicine of USC*  
*\*Presented by Marc A. Abdou, MS*
- 3:50 pm – 3:54 pm 322 - Understanding Fracture Patterns following Lumbar Fusion: A Five-Year Retrospective Study  
*Roxana Zaman, BSA, University of Texas Medical Branch at Galveston*  
*\*Presented by Mavery Gutierrez, BS*
- 3:54 pm – 4:00 pm Discussion

**Rapid Fire Session 2D – Shoulder & Elbow (Lakspur)**

Moderator: TBD

- 3:00 pm – 3:04 pm 395 - A Comparative Analysis of Pain Distribution following Anatomic and Reverse Total Shoulder Arthroplasty  
*Randall Arroyo, BS, University of Utah*  
*\*Presented by Christopher D. Joyce, MD*
- 3:04 pm – 3:08 pm 557 - Reverse Total Shoulder Arthroplasty Complications: Rotator Cuff Arthropathy vs. Cuff-Intact  
*Ijezie Ikwuezunma, MD, University of California, Davis*  
*\*Presented by Hania Shahzad, MD*
- 3:08 pm – 3:12 pm 590 - Obstructive Sleep Apnea does not Preclude Outpatient Total Shoulder Arthroplasty  
*Timothy Domashevich, BS, Denver Health*
- 3:12 pm – 3:16 pm 146 - Prior C. Difficile Infection Increases Risk of Infectious Complications following Total Shoulder Arthroplasty in a Time Dependent Manner  
*Benjamin Paul, BS, Mayo Clinic Arizona*  
*\*Presented by Jay Patel, BA*

- 3:16 pm – 3:20 pm 151 - GLP-1 Agonists for Weight Loss in Non-Diabetic Patients Undergoing Total Shoulder Arthroplasty: A Matched Cohort Study  
*Austin Charles, BS, Creighton University School of Medicine*
- 3:20 pm – 3:24 pm 354 - Call for Guidelines: Dental Prophylaxis Variation after Total Shoulder Arthroplasty  
*Alyssa Basdavanos, MD, Harbor UCLA Medical Center*
- 3:24 pm – 3:30 pm Discussion
- 3:30 pm – 3:34 pm 12 - Evaluation of the International Consensus Meeting (ICM) Diagnostic Categories for Shoulder Periprosthetic Joint Infection: C. Acnes Predominates Even in Definite Infections  
*Andrew Collins, MD, University of Washington*
- 3:34 pm – 3:38 pm 13 - Early vs. Conventional Rehab after Reverse Shoulder Arthroplasty: Systematic Review  
*Samir Alkhouri, BS, MBA, Kirk Kerkorian School of Medicine*
- 3:38 pm – 3:42 pm 479 - Operative Timing for Staged Bilateral Reverse Total Shoulder Arthroplasty  
*Andrew Barcenas, BS, Keck School of Medicine*
- 3:42 pm – 3:46 pm 625 - Gout is Associated with Early RCR Utilization and Postoperative Complications  
*Alexander Eischeid, BS, University of Arizona College of Medicine - Phoenix*
- 3:46 pm – 3:50 pm 498 - A Single Surgeon's Learning Curve for Primary Reverse Total Shoulder Arthroplasty  
*Christina Im, BA, David Geffen School of Medicine at University of California, Los Angeles*  
*\*Presented by Dhruv Limaye, BA*
- 3:50 pm – 3:54 pm 76 - Incidence and Risk Factors of Metal Hypersensitivity in Patients with Glenohumeral Arthritis  
*John Itamura, MD, Cedars Sinai Kerlan-Jobe Institute*  
*\*Presented by Ali Zafar-Khan BS*
- 3:54 pm – 4:00 pm Discussion

**Rapid Fire Session 2E – Mixed Topics (Astor)**

Moderator: TBD

- 3:00 pm – 3:04 pm                      255 - Validation of an LLM Voice Agent for Automated QuickDASH Administration and Scoring  
*Charles P. Nolte, BS, Georgetown University School of Medicine*
- 3:04 pm – 3:08 pm                      20 - VR Accelerates Proficiency in Shoulder Arthroscopy  
*Max Ruiz, BA, Stanford Medical School*
- 3:08 pm – 3:12 pm                      133 - Predictors of Missed Appointments in Sports Medicine Clinic  
*Rashed Alananzeh BA, UCLA David Geffen School of Medicine*  
*\*Presented by Dhruv Limaye, BA*
- 3:12 pm – 3:16 pm                      607 - Smart Implant with Virtual Therapy Reduces Complications and Postoperative Visits  
*Taha M. Taka, MD, Loma Linda University Health System*
- 3:16 pm – 3:20 pm                      25 - Auto-Measuring Drill is More Accurate Than Conventional Drill/Depth Gauge  
*Rachel Roller, MD, Stanford*
- 3:20 pm – 3:24 pm                      262 - Glucagon-like Peptide-1 Agonist Usage Associated with Lower Nonunion Rate in Tibial Shaft Fractures: A Large Database Retrospective Study  
*Nicholas Piccaro, BS, University of Colorado*  
*\*Presented by Joshua Finesilver, BA*
- 3:24 pm – 3:30 pm                      Discussion
- 3:30 pm – 3:34 pm                      519 - Geographic and Referral Characteristics of Patterns of Isolated Pediatric Orthopaedic Transfers  
*Malini Anand, MD, UC Davis Health*
- 3:34 pm – 3:38 pm                      539 - Regional and Socioeconomic Differences in Unicompartamental Knee Arthroplasty Utilization  
*Mandeep S. Chhokar, BS, University of California Davis Health*
- 3:38 pm – 3:42 pm                      263- Association of Non-English Language Preference and Hip Fracture Post-Operative Complications  
*Arezo Ahmadi, BS, University of California, San Francisco*

- 3:42 pm – 3:46 pm 104 - Suzetrigine in Multimodal Therapy Enables Opioid-Free Recovery after Arthroscopic Procedures  
*Jeffrey Moore, MD, West Clinical Research*  
*\*Presented by Dominick D'Aunno*
- 3:46 pm – 3:50 pm 142 - Accelerometer-Based Navigation vs. Conventional UKA: Radiographic and Clinical Outcomes  
*Kyle Tsujimoto, BS, John A. Burns School of Medicine*
- 3:50 pm – 3:54 pm 474 - Microbiologic Differences in Hand Infections between Incarcerated and Civilian Patients  
*Tanner Carcione, BS, Mayo Clinic Arizona*
- 3:54 pm – 4:00 pm Discussion
- 4:00 pm – 5:00 pm **Scientific Poster Session** (*Broadmoor C*) (Presenters are available to answer questions)
- 4:00 pm – 5:00 pm **Scientific E-Poster Session** (*Broadmoor E & F*) (Presenters are available to answer questions)

**Friday, July 31<sup>st</sup>**

- 6:30 am – 7:30 am **Scientific Poster Session** (*Broadmoor C*) (Presenters are available to answer questions)
- 6:30 am – 7:30 am **Scientific E-Poster Session** (*Broadmoor E & F*) (Presenters are available to answer questions)
- 7:20 am – 7:25 am **Announcements**  
*Nicholas A. Alfonso, MD, Program Co-Chair*  
*Luke T. Nicholson, MD, Program Co-Chair*

**Rapid Fire Session 3A – Practice Management / Education** (*Broadmoor F*)

Moderator: TBD

- 7:30 am – 7:34 am 562 - Postoperative Follow-Up Visits in Shoulder Surgery Exceed Medicare Assumptions  
*Safdar N. Khan, MD University of California, Davis*  
*\*Presented by Reginald O. Chinweze, MD*
- 7:34 am – 7:38 am 509 - Orthopaedic Surgeons Drive Facility Revenue while RVU Pay Erodes  
*David Dallas-Orr MD, MBA, MTM University of California Davis Health*

- 7:38 am – 7:42 am 78 - Declining Medicare Reimbursement Rates for Orthopaedic Surgery Procedures, 2013-2023  
*Mohammed Albotabek, BS, Texas Tech University Health Sciences Center El Paso*
- 7:42 am – 7:45 am Discussion
- 7:45 am – 7:49 am 512 - Widening Professional-Facility Payment Gap for Medicare THA and TKA  
*Jacob Wilson, BS, University of California Davis School of Medicine*  
*\*Presented by Abby Viglione, MD*
- 7:49 am – 7:53 am 315 - Trends in Length of Stay for Total Hip and Knee Arthroplasty in the United States: Implications for Contemporary Work Relative Value Unit (wRVU) Evaluation  
*Hania Shahzad, MD, University of California, Davis*
- 7:53 am – 7:57 am 2 - Evaluation of Hospital Price Transparency for Nevada Hospitals  
*Christopher J. Fang, MD, Kirk Kerkorian School of Medicine at UNLV*  
*\*Presented by Arun Kanhere, MD*
- 7:57 am – 8:00 am Discussion
- Rapid Fire Session 3B – Shoulder & Elbow (Broadmoor E)**  
Moderator: TBD
- 7:30 am – 7:34 am 372 - Reliability of Acromial Morphology Measurements and Association with Glenoid Wear  
*Cameron Guy, MD, University of Utah*  
*\*Presented by Christopher D. Joyce, MD*
- 7:34 am – 7:38 am 451 - A Comprehensive Understanding of Clavicular Morphology  
*Deana Mercer, MD, University of New Mexico Health Sciences Center*  
*\*Presented by Ana Love*
- 7:38 am – 7:42 am 53 - Reduced Acromiohumeral Interval on External Rotation Radiographs has a High Discriminatory Power in Identifying Massive Rotator Cuff Tears Involving Three Tendons

*Grant Schroeder, MD, Stanford Health Care*  
*\*Presented by Max L Ruiz, BA*

7:42 am – 7:45 am

Discussion

7:45 am – 7:49 am

543 - The B0 Glenoid: An Early Pathologic Precursor in Glenohumeral Osteoarthritis  
*Andrew Valiquette, MD, University of Colorado*

7:49 am – 7:53 am

**Robert R. Slater Sr., MD Travel Grant Award**  
587 - Contralateral Glenoids Are Not Created Equal: An Age-Stratified CT-Chest Analysis  
*Karch Smith, MD, University of California San Diego Health*

7:53 am – 7:57 am

345 - Rotator Cuff Repair with Bone Marrow Stimulation vs. Patch Augmentation  
*Joseph Lim, MS, University of Colorado School of Medicine*

7:57 am – 8:00 am

Discussion

**Rapid Fire Session 3C – Spine (Columbine)**

Moderator: TBD

7:30 am – 7:34 am

34 - Performance of ChatGPT vs. Spine Surgeons as an Emergency Department Spine Call Consultant  
*Taha Taka, MD, Loma Linda University Health System*

7:34 am – 7:38 am

**Robert McLain, MD Travel Grant Award**  
370 - Outcomes Associated with IVC Filter Use vs. DVT Chemoprophylaxis in Acute Spine Trauma: A Retrospective Review  
*Dharani Rohit Thota, BA, University of Texas at Southwestern Medical Center*

7:38 am – 7:42 am

121 - Missed Osteoporosis Evaluation and Treatment after Vertebral Compression Fracture  
*Michael Kim, MD, University of California, Irvine, School of Medicine*

7:42 am – 7:45 am

Discussion

7:45 am – 7:49 am

465 - Antibiotic Powder and Surgical Site Infection in Instrumented Spine Surgery  
*Renzo Laynes, MD, Virginia Mason Medical Center*

- 7:49 am – 7:53 am 228 - Comparing Resident and Attending Outcomes Using Patient-Specific Pedicle Screw Instrumentation  
*Kunal Verma, BS, Baylor College of Medicine*
- 7:53 am – 7:57 am 507 - Ambulatory Outcomes after Pelvic Fixation in Spinal Muscular Atrophy  
*Prudhvi Kodali, BA, Cedars-Sinai*
- 7:57 am – 8:00 am Discussion
- Rapid Fire Session 3D – Total Knee (*Lakspur*)**  
Moderator: TBD
- 7:30 am – 7:34 am 189 - Increased PJI following Aseptic UKA Conversions Compared to Revision TKA  
*Tyler Brady, BS, University of Arizona College of Medicine - Phoenix*
- 7:34 am – 7:38 am 434 - DAIR vs. One-Stage Exchange for Acute PJI after Index TKA  
*Muaz Wahid, BS, University of Texas Southwestern*
- 7:38 am – 7:42 am 555 - Ten-Year Incidence of Reoperation and Periprosthetic Joint Infection in Periprosthetic Patella Fracture  
*Audrey Zhao, BS, UC Davis*  
*\*Presented by Hania Shahzad, MD*
- 7:42 am – 7:45 am Discussion
- 7:45 am – 7:49 am 153 - Is it Time for Durable Functional Antibiotic-Laden Spacers to Supplant Two-Stage Exchange Arthroplasty as the Gold-Standard for Treating TKA-PJI?  
*Jonathan Lee, BA, Stanford University School of Medicine*  
*\*Presented by Derek F. Amanatullah, MD, PhD*
- 7:49 am – 7:53 am 287 - Cones/Short Cemented Stems Demonstrate Noninferiority in Revision Total Knees  
*Alexa Pius, MD, Stanford University*  
*\*Presented by Julius A. Bishop, MD*
- 7:53 am – 7:57 am 216 - Outcomes of Rotating-Hinge Revision Total Knee Arthroplasty for Arthrofibrosis: A Systematic Review and Meta-Analysis

*Verdinand Ruelos, MD, University of Texas Medical Branch*

7:57 am – 8:00 am

Discussion

**Rapid Fire Session 3E – Trauma** (*Astor*)

Moderator: TBD

7:30 am – 7:34 am

609 - Are Porous Threaded Titanium Implants Associated with Lower Rates of Implant Positional Changes in Elderly Pelvic Ring Injuries?

*Andrew Collins, MD, University of Washington*

7:34 am – 7:38 am

150 - Access to the Iliopectineal Eminence: Middle Window or Lateral Window with ASIS Osteotomy

*Jens Verhey, MD, Mayo Clinic Arizona*

7:38 am – 7:42 am

518 - Tibial Plateau Fractures With Tubercle Involvement Show Higher Nonunion Rates

*Robert Hernandez, University of California Davis Health*

*\*Presented by Gillian Soles, MD*

7:42 am – 7:45 am

Discussion

7:45 am – 7:49 am

337 - 13 mm of LC1 Pelvis Fracture Dynamic Instability to Pelvic Binder Radiography Predicts Early Patient-Reported Recovery

*Camille Flynn, BS, Keck School of Medicine of USC*

7:49 am – 7:53 am

597 - Impact of Surgeon Experience on Reduction Quality in Transverse Acetabular Fractures

*Cyril Mauffrey, MD, FACS, FRCS Denver Health Medical Center*

*\*Presented by Anna Zakusylo, MBS*

7:53 am – 7:57 am

291 - Cancer Risk in Orthopaedic Trauma Patients: Level One Center Experience

*Alexa Pius, MD, Stanford University*

*\*Presented by Julius A. Bishop, MD*

7:57 am – 8:00 am

Discussion

8:10 am – 8:40 am

**Focused Breakfast Presentation – Vertex Pharmaceuticals, Inc.**

*\*CME Credit not available*

**8:50 am – 9:10 am**

***Break – Please visit exhibits (Broadmoor B)***

**Symposium 3 – Artificial Intelligence and Technology**

Moderator: Alidad Ghiassi, MD, *Ghiassi Hand Surgery*

9:10 am – 9:22 am

The Use of Digital Twins in Shared Decision Making  
*Kevin J. Bozic, MD, MBA, Dell Medical School*

9:22 am – 9:34 am

Author-Controlled AI in Orthopaedics  
*Alidad Ghiassi, MD, Ghiassi Hand Surgery*

9:34 am – 9:46 am

Agentic AI  
*Fabrizio Billi, MD, University of California, Los Angeles*

9:46 am – 9:58 am

Computer Vision and AI Radiology  
*Damon Semnani, MD, Lumina AI Health Institute*

9:58 am – 10:15 am

Discussion

**Concurrent ICL 2A – Joints**

Moderators: Antonia F. Chen, MD, MBA, *UT Southwestern Medical Center*  
Nathanael D. Heckmann, MD, *University of Southern California*

10:20 am – 10:30 am

DAIR vs. Double DAIR: When to DAIR/Do You DAIR  
*Joshua S. Bingham, MD, Mayo Clinic*

10:30 am – 10:40 am

Single Stage: Indications and Surgical Pearls  
*Thomas K. Fehring, MD, Ortho Carolina Hip and Knee Center, Charlotte, NC*

10:40 am – 10:50 am

The ‘1.5 Stage’: Not A Dirty Word (Clarify Terminology and Discuss Relevant Data; Review Surgical Protocols)  
*Lucas A. Anderson, MD, University of Utah*

10:50 am – 11:00 am

The Two-Stage Exchange: The Tried and True Gold Standard  
*Nathanael D. Heckmann, MD, University of Southern California*

11:00 am – 11:10 am

Discussion

**Concurrent ICL 2B – Hellbows (Broadmoor F)**

Moderator: John M. Itamura, MD, *Cedars-Sinai Medical Center*

10:20 am – 10:30 am

Disaster Total Elbow Arthroplasty  
*John M. Itamura, MD, Cedars-Sinai Medical Center*

- 10:30 am – 10:40 am                      Coronoid Fractures: Tips and Tricks  
*Andrew S. Maertens, MD, Denver Health Orthopaedics*
- 10:40 am – 10:50 am                      It's Still Unstable: What Next?  
*Luke T. Nicholson, MD, University of Southern California*
- 10:50 am – 11:00 am                      Managing Arthritis in the Young Patient  
*Jacob W. Brubacher, MD, University of Kansas*
- 11:00 am – 11:10 am                      Discussion

**Concurrent ICL 2C – Spine - Cervical Myelopathy (Broadmoor E)**

Moderator:    Parker Prusick, MD, *University of Colorado*

- 10:20 am – 10:30 am                      Overview of Cervical Myelopathy: Update on Evaluation,  
Imaging and Treatments  
*Safdar N. Khan, MD, University of California, Davis*
- 10:30 am – 10:40 am                      Cervical Laminectomy without Fusion: Feasible Option or  
a Thing of the Past?  
*Parker Prusick, MD, University of Colorado*
- 10:40 am – 10:50 am                      Anterior vs. Posterior Surgical Options: Indications and  
Outcomes  
*Jonathan Kark, MD, Oregon Health and Sciences  
University*
- 10:50 am – 11:00 am                      Motion Preservation in Cervical Myelopathy: Indications,  
Options and Does it Actually Work?  
*Raymond J. Hah, MD, University of Southern California*
- 11:00 am – 11:10 am                      Discussion

11:10 am – 11:30 am                      ***Break – Please visit exhibits (Broadmoor B)***

**General Session 3 – Presidential Guest Speaker**

Moderator:    Cynthia M. Kelly, MD, *Colorado Limb Consultants*

*\*CME Credit not available*

- 11:30 am – 11:35 am                      Introduction of the Presidential Guest Speaker  
*Cynthia M. Kelly, MD, Colorado Limb Consultants*
- 11:35 am – 12:20 pm                      Life - Write Your Own Great Ending  
*Valerae O. Lewis, MD, MD Anderson Cancer Center*

12:20 pm – 1:00 pm

**Focused Lunch Presentation – SpringWorks  
Therapeutics EMD Serono**

The Current State of Desmoid Tumor Management

*R. Lor Randall, MD*

Our Understanding of Tenosynovial Giant Cell Tumor  
(TGCT): Current Insights into Disease Pathophysiology,  
Diagnosis and Management

*R. Lor Randall, MD*

*\*CME Credit not available*

**General Session 4 – Board Reports**

Moderator: Cynthia M. Kelly, MD, *Colorado Limb Consultants*

*\*CME Credit not available*

1:00 pm – 1:10 pm

OREF Report

*Lee Grossman, OREF*

1:10 pm – 1:30 pm

AAOS Report

*Wilford K. Gibson, MD, AAOS President*

**Symposium 4 – Value and Quality in 2026**

Moderator: Jay R. Lieberman, MD, *University of Southern California*

1:30 pm – 1:40 pm

Value-Based Care

*Kevin J. Bozic, MD, MBA, Dell Medical School*

1:40 pm – 1:50 pm

CMS and Bundles: Value Based Care or Just Payment  
Reform?

*Jay R. Lieberman, MD, University of Southern California*

1:50 pm – 2:00 pm

Orthopaedic Surgeon Participation in Physician Advocacy  
is No Longer Optional in 2026

*Stephen M. Engstrom, MD, MBA, Vanderbilt University*

2:00 pm – 2:10 pm

Collecting Patient-Reported Outcomes in Orthopedic  
Practice: Why, How, and What's Coming

*Kenneth J. Hunt, MD, University of Colorado*

2:10 pm – 2:20 pm

Discussion

**Rapid Fire Session 4A – Foot & Ankle (Broadmoor F)**

Moderator: TBD

2:25 pm – 2:29 pm

343 - Linking FAAM and PROMIS Physical Function  
Scores: A Crosswalk Study

*Devon Nixon, MD, University of Utah*

- 2:29 pm – 2:33 pm 67 - Vitamin D Deficiency is Associated with Increased Achilles Tendon Injury Risk  
*Jay Patel, BA, Mayo Clinic*
- 2:33 pm – 2:37 pm 551 - Patient Characteristics Associated with Resilience in Foot and Ankle Surgery  
*Rose Adler, BS, University of Colorado Anschutz Medical*  
*\*Presented by Kenneth Hunt, MD*
- 2:37 pm – 2:41 pm 86 - Mental Health Disorders Impact on Achilles Tendon Repair Outcomes Postoperative  
*Ahad Kesaria, BS, University of Texas Medical Branch at Galveston*  
*\*Presented by Jeffrey Shi, MD*
- 2:41 pm – 2:45 pm Discussion
- 2:45 pm – 2:49 pm 401 - Ultrasound Guidance Improves Suture Placement Accuracy in Percutaneous Achilles Repair  
*Brian Kwan, DO, Community Memorial Hospital*  
*\*Presented by Joshua Vincent, DO*
- 2:49 pm – 2:53 pm 626 - Achilles Tendon Injuries and Repairs More Common in Gout Patients  
*Alexander Eischeid, BS, University of Arizona College of Medicine - Phoenix*
- 2:53 pm – 2:57 pm 631 - Perioperative GLP-1 Receptor Agonist Use and Outcomes after Isolated Foot and Ankle Soft Tissue Reconstruction  
*Naudereh Noori, MD, University of California Irvine*
- 2:57 pm – 3:01 pm 443 - 3D Scanning Software-Generated Custom 3D-Printed Foot Orthoses  
*Shannon Tse, BMBS, University of California, Davis*  
*\*Presented by Rachel Becker, BS*
- 3:01 pm – 3:05 pm 397 - Access to Lead Protective Garments among Female Orthopaedic Trainees: A Survey of Current Residents  
*Madeleine Orringer, MD, University of Southern California*
- 3:05 pm – 3:10 pm Discussion

**Rapid Fire Session 4B – Hand & Wrist (Broadmoor E)**

Moderator: TBD

- 2:25 pm – 2:29 pm 576 - Incidence of Secondary Ulnar Shortening Osteotomy after Arthroscopic TFCC Debridement or Repair in Patients with Ulnar Positive Variance  
*Clare Wise, MD, Stanford University School of Medicine*  
*\*Presented by Claire C Rushin, MD*
- 2:29 pm – 2:33 pm 646 - Comparison of Corticosteroid Drugs for Trigger Fingers  
*Kalpiti Shah, MD, Scripps Clinic*  
*\*Presented by Evan Khalil, BS*
- 2:33 pm – 2:37 pm 432 - WALANT vs. MAC: A National Claims Study of Minor Hand Procedures (2010-2022)  
*Yemisi Joseph, BSc, MSc, Stanford University School of Medicine*
- 2:37 pm – 2:41 pm 59 - Fixation Strategies for Metacarpal Fractures: A Comparative Study  
*William Walsh, BA, University of Texas Health Science Center San Antonio*
- 2:41 pm – 2:45 pm Discussion
- 2:45 pm – 2:49 pm 422 - Denervation has Lower Reoperation Rates than Trapeziectomy for Thumb Arthritis  
*Julian Wier, MD, University of Southern California*  
*\*Presented by Justin W. Zheng, BA*
- 2:49 pm – 2:53 pm 290 - Shifting Trends in Hand Surgery: An Economic Analysis of Office-Based vs. Hospital-Based Procedures  
*Kyle Griffith, MD, University of Southern California*
- 2:53 pm – 2:57 pm 403 - Disparities in the Utilization of Wide-Awake Local Anesthetic Hand Surgery  
*Christopher Orozco, BS, University of California - San Francisco*
- 2:57 pm – 3:01 pm 73 - Retrocondylar Fossa Exostectomy for Proximal Phalanx Malunion with Impaired Flexion  
*Canhngi Ta, MD, University of California, San Diego School of Medicine*  
*\*Presented by Claire Bonnyman, MD*

3:01 pm – 3:05 pm 97 - Financial Burdens after Distal Radius Fracture: Evaluating the Patient Experience  
*Jessica Abrolat, MS, University of California, San Francisco*

3:05 pm – 3:10 pm Discussion

**Rapid Fire Session 4C – Sports Medicine (Columbine)**

Moderator: TBD

2:25 pm – 2:29 pm 199 - Multicenter Outcomes: Arthroscopic Repair vs. Reconstruction of the Hypoplastic Labrum  
*Dean Matsuda, MD, Premier Hip Arthroscopy*

2:29 pm – 2:33 pm 29 - Hip Arthroscopy with Periportal Capsulotomy for FAIS Demonstrates Clinically Meaningful Improvement at Five-Year Follow-Up  
*Kevin Chen, MD, University of California, San Francisco*

2:33 pm – 2:37 pm 28 - Crosswalks between Clinical Outcomes Metrics after Hip Arthroscopy  
*Wyatt David, MD, University of California, San Francisco*

2:37 pm – 2:41 pm 489 - Operative vs. Nonoperative Proximal Hamstring Tears: A Systematic Review  
*Noah Lyndall, BS, UC Davis School of Medicine*  
*\*Presented by Malani Anand, MD*

2:41 pm – 2:45 pm Discussion

2:45 pm – 2:49 pm 508 - Biomechanical Comparison of Surgical Techniques in Meniscal Root Repair  
*Andrew Barcenas, BS, Keck School of Medicine*

2:49 pm – 2:53 pm 149 - Comparative Effectiveness of Aspirin vs. Anticoagulants for Venous Thromboembolism Prophylaxis after Achilles Tendon Repair  
*Benjamin Paul, BS, Mayo Clinic Arizona*

2:53 pm – 2:57 pm 501 - Outcome Measures for Hip Function: A Systematic Review  
*Chandler Kotseos, BS, University of North Carolina School of Medicine*

2:57 pm – 3:01 pm 75 - Early Repair Improves Outcomes after Proximal Hamstring Tendon Rupture

*Kory B. Dylan Pasko, BS, University of California, Irvine*

3:01 pm – 3:05 pm

58 - Total Knee Arthroplasty Conversion Risk after  
Primary and Revision ACL Reconstruction  
*Liam Wong, MD, University of California, San Francisco*

3:05 pm – 3:10 pm

Discussion

**Rapid Fire Session 4D – Total Hip (Lakspur)**

Moderator: TBD

2:25 pm – 2:29 pm

615 - Early Outcomes of Cementless Collared Triple-Taper  
Stems in Osteoporotic Patients Undergoing Elective THA  
*Claudio Diaz-Ledezma, MD, University of California San  
Francisco*

2:29 pm – 2:33 pm

473 - Postoperative Complications following THA among  
GLP1 and SGLT2 Users  
*Smaran Garlapati, BA, UT Southwestern Medical Center*

2:33 pm – 2:37 pm

39 - Indications for Dual-Mobility Demonstrate Significant  
Differences in Subsequent Instability  
*Kelechi Nwachuku, MD, University of California, San  
Francisco*

2:37 pm – 2:41 pm

496 - DAIR vs. One-Stage Exchange for Acute PJI after  
Index THA  
*Muaz Wahid, BS, University of Texas Southwestern*

2:41 pm – 2:45 pm

Discussion

2:45 pm – 2:49 pm

229 - Intraoperative Infrared Thermography in Direct  
Anterior Total Hip Arthroplasty: Characterizing the Peri-  
Incisional Thermal Profile and Early Healing Outcomes  
*Angel Xiao, MD, MSE University of California, San  
Francisco*  
*\*Presented by Arezo Ahmadi, BS*

2:49 pm – 2:53 pm

32 - Postoperative Abduction Bracing and Early  
Dislocation after Revision THA  
*Derek Amanatullah, MD, PhD, Stanford University*

2:53 pm – 2:57 pm

481 - HRT Duration on Ten-Year Revisions and  
Complications following Primary THA  
*Smaran Garlapati, BA, UT Southwestern Medical Center*

- 2:57 pm – 3:01 pm                      223 - Aspirin vs. Enoxaparin for Thromboembolic Chemoprophylaxis in Aseptic Revision THA  
*Arjun Aron, BS, University of Southern California*  
*\*Presented by John Lupu, BS*
- 3:01 pm – 3:05 pm                      191 - Testosterone Replacement Therapy without Hypogonadism Demonstrates Increased Complications following THA  
*Varun Sharma, MD, Banner University, Phoenix*
- 3:05 pm – 3:10 pm                      Discussion
- Rapid Fire Session 4E – Pediatrics (Astor)**  
Moderator:    TBD
- 2:25 pm – 2:29 pm                      604 - Radiographic Predictors of Open Reduction in Pediatric Supracondylar Humerus Fractures  
*Harlene Kaur, BS, UMass Chan Medical School*
- 2:29 pm – 2:33 pm                      **Jennette Boakes, MD Travel Grant Award**  
109 - The Use of Ultrasound in Treating At-Risk Hips for DDH  
*Oluwatofe Alimi, MD, University of Texas Medical Branch at Galveston*
- 2:33 pm – 2:37 pm                      **Richard J. Haynes, MD Travel Grant Award**  
477 - Selective Percutaneous Myofascial Lengthening Results in Sustained Mid-Term Motion Improvements  
*Tristan Elias, MD, UTMB*
- 2:37 pm – 2:41 pm                      497 - Reduction of Radiation Exposure with Synthetic CT in Pediatric Spondylolysis  
*Prudhvi Kodali, BA, Cedars-Sinai*  
*\*Presented by Kenneth D. Ilingworth, MD*
- 2:41 pm – 2:45 pm                      Discussion
- 2:45 pm – 2:49 pm                      117 - PDSA Pathway Power: Tiny Cycles, Giant Steps against SSIs  
*John Vorhies, MD, Stanford University*
- 2:49 pm – 2:53 pm                      544 - Social Vulnerability Index and Pediatric Femoral and Tibial Shaft Fractures  
*Vahe Yacoubian, MD, MPH, Loma Linda University*

- 2:53 pm – 2:57 pm                      535 - Correlation of PROMIS-25 and QuickDASH in Pediatric Upper Extremity Trauma  
*Nicholas Kelly, BA, University of California, San Francisco*  
*\*Presented by Sarah Coufal*
- 2:57 pm – 3:01 pm                      235 - Postoperative Mobility Restoration after Posterior Spinal Fusion for Adolescent Idiopathic Scoliosis  
*Claire Rushin, MD, Stanford Healthcare*
- 3:01 pm – 3:05 pm                      112 - Can Rib Splints Reduce Proximal Anchor Failure? A Biomechanical Pilot Study  
*John Vorhies, MD, Stanford University*
- 3:05 pm – 3:10 pm                      Discussion

**Resident Course** (*Broadmoor D*)

Moderator: Marney Reid

3:15 pm – 5:15 pm

*\*CME Credit not available*

**Medical Student Session** (*Broadmoor F*)

Moderator: John A. Scolaro, MD, *University of California, Irvine*

3:15 pm – 3:25 pm

How to Be a Good Sub-I

*Jacob Ball, MD, University of Southern California*

3:25 pm – 3:35 pm

PD Perspective

*John A. Scolaro, MD, University of California, Irvine*

3:35 pm – 3:45 pm

PD Perspective

*Nicholas A. Alfonso, MD, University of Colorado*

3:45 pm – 4:00 pm

Panel Discussion

*\*CME Credit not available*

3:15 pm – 4:15 pm

**Scientific Poster Session** (*Broadmoor C*) (Presenters are available to answer questions)

3:15 pm – 4:15 pm

**Scientific E-Poster Session** (*Broadmoor E & F*) (Presenters are available to answer questions)

**Saturday, August 1<sup>st</sup>**

6:30 am – 7:30 am **Scientific Poster Session** (*Broadmoor C*) (Presenters are available to answer questions)

6:30 am – 7:30 am **Scientific E-Poster Session** (*Broadmoor E & F*) (Presenters are available to answer questions)

7:15 am – 7:25 am **Second Business Meeting**  
*\*CME Credit not available*

7:25 am – 7:30 am **Announcements**  
*Nicholas A. Alfonso, MD, Program Co-Chair*  
*Luke T. Nicholson, MD, Program Co-Chair*

**Rapid Fire Session 5A – Upper Extremity** (*Broadmoor F*)

Moderator: TBD

7:35 am – 7:39 am 572 - Patient-Associated Factors Influencing Loss of Follow-Up after Treatment for Acute Upper-Extremity Infections  
*Amara Emeh, BA, Keck School of Medicine of University of Southern California*  
*\*Presented by Joshua Davood, BS*

7:39 am – 7:43 am 643 - Management of Acute Upper Extremity Musculoskeletal Injuries following Dog Bites  
*Joshua Davood, BS, Keck School of Medicine of USC*

7:43 am – 7:47 am 525 - Postoperative Risks in Nicotine-Dependent Patients Undergoing Distal Biceps Tendon Repair  
*Jonathan Sayegh, BS, University of Arizona College of Medicine - Tucson*  
*\*Presented by Yazin Hindosh, BS*

7:47 am – 7:50 am Discussion

7:50 am – 7:54 am 494 - Trends in TMR and RPNI Procedures Over the Past 20 Years: A Retrospective Database Analysis  
*Amara Emeh, BA, Keck School of Medicine of University of Southern California*  
*\*Presented by Kevin Mathew, BS*

7:54 am – 7:58 am 540 - Employment Status but Not Area Deprivation Index Is Associated with Differences in PROMIS Physical Function and Upper Extremity Outcomes in a Musculoskeletal Cohort

*Lincoln Koyejo, BS, University of Arizona College of  
Medicine Tucson*

7:58 am – 8:02 am 254 - Seizures Increase Complications after Shoulder  
Arthroplasty  
*Paul Walker, MD, University of California, Los Angeles*

8:02 am – 8:05 am Discussion

**Rapid Fire Session 5B – Total Joint (*Broadmoor E*)**

Moderator: TBD

7:35 am – 7:39 am 573 - New Persistent Opioid Use among Opioid-Naive  
Patients is Associated with Late Complications after Total  
Hip and Knee Arthroplasty  
*Kylen Soriano, MD, University of California, Irvine*  
*\*Presented by Melissa Romoff, BA*

7:39 am – 7:43 am 54 - Arthroplasty Infection Risk in Patients Receiving  
Recent Hand Corticosteroid Injections  
*Liam Wong, MD, University of California, San Francisco*

7:43 am – 7:47 am 23 - Bone Density Measurements Opportunistically  
Obtained from Robotic Arthroplasty CT-Scans  
*Foster Chen, MD, Virginia Mason Franciscan Health*

7:47 am – 7:50 am Discussion

7:50 am – 7:54 am 574 - Community Social Vulnerability and THA/TKA  
Hospital Outcomes  
*Mark Awoniyi, BS, Loma Linda University School of  
Medicine*  
*\*Presented by Vahe Yacoubian, MD*

7:54 am – 7:58 am 339 - Optimal Interstage Period for Reimplantation in Two-  
Stage Total Knee Arthroplasty  
*Yijie Luo, BS, UC Irvine School of Medicine*

7:58 am – 8:02 am 546 - Anxiety Associated with Worse Outcomes after  
Revision Total Joint Arthroplasty  
*Jacob Bershatski, BS, University of Arizona College of  
Medicine - Tucson*

8:02 am – 8:05 am Discussion

**Rapid Fire Session 5C – Basic Science (*Columbine*)**

Moderator: TBD

7:35 am – 7:39 am 51 - Comparing W-Plate vs. Superior Plating in APC-III Pelvic Ring Injuries  
*Brandi Krieg, MD, University of Colorado*

7:39 am – 7:43 am 414 - Germanium Bioactive Fabric Reduces Bioburden, Directs Fibroblast and Macrophage Behavior  
*Nicholas Tucker, MD, University of Colorado Anschutz*

7:43 am – 7:50 am Discussion

7:50 am – 7:54 am 470 - Biocompatible Medical Foam to Reduce Bacterial Bioburden in Traumatic Wounds  
*Jacqueline Linn, BS, Colorado State University*

7:54 am – 7:58 am 558 - Fatty Infiltration in Chronic Rotator Cuff Injury Induces Neuropathic Pain Significantly Alleviated with Gabapentin  
*Alex Youn, AB, University of California, San Francisco*

7:58 am – 8:05 am Discussion

**Rapid Fire Session 5D – Sports Medicine (Lakspur)**

Moderator: TBD

7:35 am – 7:39 am 502 - Increased Wound Complications with Isotretinoin Prescriptions before Orthopaedic Sports Procedures  
*Bill Young, BS, Stanford University*  
*\*Presented by Max L Ruiz, BA*

7:39 am – 7:43 am 4 - Academic Influence and Industry Funding in Platelet Rich Plasma Injections  
*Christopher Fang, MD, Kirk Kerkorian School of Medicine at UNLV*

7:43 am – 7:47 am 87 - Hormonal Contraceptive Use and Lower-Extremity Injury Risk in Female Athletes  
*Ahad Kesaria, BS, University of Texas Medical Branch at Galveston*  
*\*Presented by Margaret Goodwin, MD*

7:47 am – 7:50 am Discussion

7:50 am – 7:54 am 534 - Management of Relative Energy Deficiency in Sport (RED-S): Literature Review

*Emily Yan, California Health Sciences University – College of Osteopathic Medicine*

7:54 am – 7:58 am                      226 - Impact of Preoperative Depression and Antidepressant Use on Postoperative Outcomes Following Knee Arthroscopy: A Retrospective Cohort Study  
*Roumina Ghamarian, UTMB - Galveston*

7:58 am – 8:02 am                      454 - Intraoperative Platelet-Rich Plasma does not Alter Complication Rates after Meniscus Repair  
*Dean Wang, MD, University of California, Irvine*  
*\*Presented by Christopher Cuneo, MD*

8:02 am – 8:05 am                      Discussion

**Rapid Fire Session 5E – Tumor (Astor)**

Moderator:    TBD

7:35 am – 7:39 am                      622 - Outcomes and Complications with the OPRA™ Implant in Transfemoral Amputees  
*Supraja Kadagandla, BS, McGovern Medical School at UTHealth Houston*

7:39 am – 7:43 am                      92 - Outcomes of Operative vs. Nonoperative Treatment for Humerus Metastatic Disease  
*Branden Brooks, BS, University of California, Davis*  
*\*Presented by Neil P. Buac, MD*

7:43 am – 7:47 am                      **Cynthia Kelly, MD Travel Grant Award**  
175 - Predictors of Postoperative Complications in Sarcoma Resections of the Thigh  
*Brandon Gettleman, MD, University of California, Los Angeles*

7:47 am – 7:50 am                      Discussion

7:50 am – 7:54 am                      233 - Primary Targeted Muscle Reinnervation and Regenerative Peripheral Nerve Interface Surgery Reduces Revision Rates after Limb Amputation  
*Mathangi Sridharan, MD, University of California, Los Angeles*  
*\*Presented by Lauren Hsue, MD*

7:54 am – 7:58 am                      126 - Database Level Evidence Demonstrates Improved Outcomes following Prophylactic Fixation of Impending Fractures Compared to Pathologic Fracture Fixation

*Melissa Romoff, BA, University of California, Irvine*

7:58 am – 8:02 am

165 - Quality of Life in Pediatric Lower Extremity Bone Sarcomas

*Hanna Gratny, BS, University of Colorado, Department of Orthopedic Surgery*

*\*Presented by John F. Schutz, MD*

8:02 am – 8:05 am

Discussion

8:15 am – 8:35 am

**Focused Breakfast Presentation – Deciphera**

*\*CME Credit not available*

**8:45 am – 9:10 am**

***Break – Please visit exhibits (Broadmoor B)***

**Symposium 5 – Career Guidance**

Moderator: Brian T. Feeley, MD, *University of California, San Francisco*

9:10 am – 9:20 am

How to Plan for (and Execute) a Graceful Retirement

*Lawrence R. Menendez, MD, University of Southern California*

9:20 am – 9:30 am

Involvement in Societies

*Valerae O. Lewis, MD, MD Anderson Cancer Center*

9:30 am – 9:40 am

Grants and Research Early in Practice

*Joseph T. Patterson, MD, University of Southern California*

9:40 am – 9:50 am

Excelling in an Orthopaedic Career: Expert Advice from Cradle to Grave

*Brian T. Feeley, MD, University of California, San Francisco*

9:50 am – 10:00 am

Discussion

**Concurrent ICL 3A – Enhancing Outcomes in Simple and Complex Primary Total Hip Arthroplasty (Broadmoor D)**

Moderator: Jay R. Lieberman, MD, *University of Southern California*

10:10 am – 10:20 am

Surgical Pearls to Enhance the Anterior Approach and Facilitate Component Implantation

*Lucas A. Anderson, MD, University of Utah*

10:20 am – 10:30 am

Surgical Pearls to Enhance the Posterior Approach and Facilitate Component Implantation

*Stephen M. Engstrom, MD, MBA, Vanderbilt University*

10:30 am – 10:40 am Five Things You Can Do to Enhance Results of Total Hip Arthroplasty  
*Jay R. Lieberman, MD, University of Southern California*

10:40 am – 10:50 am Surgical Pearls to Manage Total Hip Arthroplasty After Failed Femoral Fracture Fixation  
*Nathanael D. Heckmann, MD, University of Southern California*

10:50 am – 11:10 am Discussion

**Concurrent ICL 3B – Trauma** (*Broadmoor F*)

Moderator: Gillian Soles, MD, *University of California, Davis*

10:10 am – 10:20 am Femoral Neck Fractures: Update on Management and Treatment  
*Gillian Soles, MD, University of California, Davis*

10:20 am – 10:30 am Pterochantheric Femur Fractures Tips and Tricks  
*Christian S. Bromfield, MD, University of California, Davis*

10:30 am – 10:40 am Distal Femur Fracture Fixation Strategies  
*Graham J. Dekeyser, MD, Oregon Health and Sciences University*

10:40 am – 10:50 am LC1 Pelvic Ring Injuries: When to Fix and How?  
*Daniel D. Wang, MD, University of Colorado*

10:50 am – 11:10 am Discussion

**Concurrent ICL 3C – Hand** (*Broadmoor E*)

Moderator: Eugene Tsai, MD, *Cedars-Sinai Medical Center*

10:10 am – 10:20 am The Basilar Joint in 2026: Trapeziectomy and Beyond  
*Eugene Tsai, MD, Cedars-Sinai Medical Center*

10:20 am – 10:30 am Neuroma Management  
*Fraser Leversedge, MD, University of Colorado*

10:30 am – 10:40 am SL Updates  
*Jeffrey Yao, MD, Stanford University*

10:40 am – 10:50 am Intramedullary Fixation of the Long Bones of the Hand; Metacarpals and Phalanges

*Deana Mercer, MD, University of New Mexico*

10:50 am – 11:10 am

Discussion

**11:20 am – 11:40 am**

**Focused Lunch Presentation**

*\*CME Credit not available*

**Rapid Fire Session 6A – Sports Medicine (Broadmoor F)**

Moderator: TBD

11:45 am – 11:49 am

**Robert Eilert, MD Travel Grant Award**

627 - Does Payer Status Matter? Meniscus Repair Outcomes in ACL Reconstruction

*Melissa Song, Stanford University*

11:49 am – 11:53 am

327 - Restoring Knee Function with Arthroscopic Particulated Juvenile Articular Cartilage Allografts

*Justin Wu BS, University of Colorado Anschutz Medical Campus*

11:53 am – 11:57 am

33 - Tibial Inlay vs. Transtibial PCL Reconstruction: A Matched Cohort Study

*Abigail McDonald, BS, MS, University of Washington School of Medicine*

11:57 am – 12:01 pm

356 - Two-Year Outcomes Comparing Arthroscopic Cartilage Repair Techniques in the Knee

*Frank Zhou, BA, University of Colorado Anschutz School of Medicine*

12:01 pm – 12:05 pm

Discussion

12:05 pm – 12:09 pm

389 - Markerless Motion Capture Cannot Replace Radiographs for Alignment Screening

*Allen Seo, BS, MS Stanford University*

12:09 pm – 12:13 pm

484 - Return to Sport After Multiligamentous Knee Injury: A Systematic Review

*Ahmed I. Zabiba, University of California Davis Health  
\*Presented by Reginald O. Chinweze, MD*

12:13 pm – 12:17 pm

541 - The Patellotrochlear Index is Substantially more Influenced by Knee Effusion Compared to Other Metrics of Patellar Height

*Lexie Ross, MD, Stanford University Department of Orthopaedic Surgery*

*\*Presented by Maddison McLellan, MD*

12:17 pm – 12:21 pm 221 - Predictors of MCL Healing in Combined ACL/MCL Injuries  
*Samuel Flesner, BS, University of New Mexico School of Medicine*

12:21 pm – 12:25 pm 606 - Impact of Obesity on Outcomes following Anterior Cruciate Ligament Reconstruction  
*Harlene Kaur, BS, UMass Chan Medical School*

12:25 pm – 12:30 pm Discussion

**Rapid Fire Session 6B – Trauma (Astor)**

Moderator: TBD

11:45 am – 11:49 am **WOA/WOF Resident Travel Grant Award**  
224 - Temporary Coverage of Type IIIB Open Tibia Fractures: A Multicenter Review  
*Maddison McLellan, MD, Stanford HealthCare*

11:49 am – 11:53 am **Paul C. Collins, MD Travel Grant Award**  
236 - The CDC Wound Classification Fails to Predict Infection in High-Energy Orthopaedic Trauma: A Comparison to the OTA Wound Classification System  
*Kory B. Dylan Pasko, BS, University of California, Irvine*

11:53 am – 11:57 am 642 - Callus Healing Velocity Predicts Nonunion Revision after Distal Femur Fixation  
*Michael Seidu, BSc, UC Davis School of Medicine*  
*\*Presented by David Dallas-Orr, MD, MBA, MTM*

11:57 am – 12:01 pm 301 - Traction, Ambulation, and Postoperative Delirium after Geriatric Pelvis Fracture Surgery  
*Ji S. Chin, BS, MS, Keck School of Medicine*

12:01 pm – 12:05 pm Discussion

12:05 pm – 12:09 pm 289 - GLP-1 Receptor Agonists Reduce Fragility Fracture Risk Independent of Weight and Glycemic Changes  
*Christopher Hamad, MD, University of California Los Angeles*

12:09 pm – 12:13 pm **16 – National Trends in Osteoporosis Medication Use after Fragility Fracture**  
*Harsh Wadhwa, BS, Stanford University*

	374 - Assessing Bone Density after Lower Extremity Trauma Using Quantitative Ultrasound <i>Shannon O'Hara, BA, Cedars-Sinai Medical Center</i>
12:13 pm – 12:17 pm	218 - Neutrophil-Lymphocyte Ratio Trajectories Predict Complications after Hip Fracture <i>Julian Wier, MD, University of Southern California Keck School of Medicine</i> <i>*Presented by Apurva Prasad, BA</i>
12:17 pm – 12:21 pm	217 - Higher Dexamethasone Dose Associated with Lower Thrombotic Complications following Hip-Fracture <i>Ian Jones, MD, University of Washington</i>
12:21 pm – 12:25 pm	307 - Type IIIa Open Lower Extremity Fractures and Infection with Nighttime Debridement <i>Colin Lipps, MD, UC Irvine</i> <i>*Presented by Sebastian Arzayus Dominguez, BBA</i>
12:25 pm – 12:30 pm	Discussion
<b>Rapid Fire Session 6C – Shoulder &amp; Elbow (Columbine)</b>	
Moderator: TBD	
11:45 am – 11:49 am	617 - Arthroplasty vs. Fixation: A Multicenter Study of 491 Radial Head and Neck Fractures <i>Brendan Shi MD, University of California, Los Angeles</i> <i>*Presented by Timothy P. Liu, MD</i>
11:49 am – 11:53 am	111 - Olecranon Osteotomy in Distal Humerus Fixation and Associated Nonunion Rates <i>Deana Mercer, MD, University of New Mexico Health Sciences Center</i> <i>*Presented by Xavier Torres, BS</i>
11:53 am – 11:57 am	342 - Operative vs. Nonoperative Management of Olecranon Fractures in Low-Demand Patients <i>Crystal Yu, BS, UC Irvine School of Medicine</i> <i>*Presented by Yijie Luo, BS</i>
11:57 am – 12:01 pm	35 - Pectoralis Minor Tenotomy Reduces Pain in Intractable Shoulder Syndromes <i>Ketan Sharma, MD, MPH, St Luke's Plastic and Reconstructive Surgery</i>
12:01 pm – 12:05 pm	Discussion

- 12:05 pm – 12:09 pm **Frank G. Guellich, MD Travel Grant Award**  
9 - Survivability of Latarjet vs. Anterior Glenoid Reconstruction in Military Members  
*Michael Deegan, MD, MAMC Orthopaedics*
- 12:09 pm – 12:13 pm 588 - Overhead Throwing is Associated with Increased Glenoid Retroversion and Distinct Morphologic Remodeling  
*Karch Smith, MD, University of California San Diego Health*
- 12:13 pm – 12:17 pm 636 - Active Epilepsy Increases Emergency Visits and Recurrent Instability following Stabilization  
*Reginald Chinweze, MD, LLM UC Davis*
- 12:17 pm – 12:21 pm 520 - Association between PRP Use and Impingement Syndrome after Rotator Cuff Repair  
*Diego Garcia, BS, University of Arizona*  
*\*Presented by Yazin Hindosh, BS*
- 12:21 pm – 12:25 pm 532 - Assessing the Performance Decline in NHL Players following Shoulder Surgery  
*Yazin Hindosh, BS, University of Arizona College of*  
*\*Presented by Seth Catchpole*
- 12:25 pm – 12:30 pm Discussion
- Rapid Fire Session 6D – Practice Management / Education (Lakspur)**  
Moderator: TBD
- 11:45 am – 11:49 am 371 - Assisted Reproductive Technology (ART) Coverage in Orthopaedic Training Programs  
*Alexia Childress, BS, University of Virginia School of Medicine*
- 11:49 am – 11:53 am 461 - Venous Thromboembolism Incidence and Management in Ambulatory Orthopedic Surgery  
*Conally Cooper, University of Colorado Anschutz Medical Campus*  
*\*Presented by Rose E. Adler, BS*
- 11:53 am – 11:57 am 435 - Medical Student Sawbones and Barriers to Pursuing Orthopaedic Surgery  
*Nora Galoustian, BA, University of California Davis*

- 11:57 am – 12:01 pm 578 - A 13-Year Analysis of Orthopedic Surgeon Representation Across Ten NIH Musculoskeletal Study Sections  
*Kory B. Dylan Pasko, BS, University of California, Irvine*
- 12:01 pm – 12:05 pm Discussion
- 12:05 pm – 12:09 pm 69 - Where Does Orthopaedic Surgery Stand in the Endowed Professorship Landscape?  
*Miriam Sheetz, BS, SUNY Downstate College of Medicine*
- 12:09 pm – 12:13 pm 298 - Integrating AI Interactive Platforms into Outpatient Orthopaedic Surgery Clinic Workflow  
*Sahil Telang, BS, Keck School of Medicine of USC*
- 12:13 pm – 12:17 pm 334 - Orthopedic Surgeons Underutilize ChatGPT and TikTok vs. the General Population  
*Divya Bhatia, UC Irvine*  
*\*Presented by Nitin Bhatia, MD*
- 12:17 pm – 12:21 pm 120 - Pathways into Orthopaedic Surgery Research: A National Medical Student Survey  
*Carson Cummings, BS, Loma Linda University School of Medicine*
- 12:21 pm – 12:25 pm 8 - Does Degree Matter? Research Metrics Among MD/DO Orthopaedic Surgery Residents  
*Christopher Fang, MD, Kirk Kerkorian School of Medicine at UNLV*
- 12:25 pm – 12:30 pm Discussion
- Rapid Fire Session 6E – Spine (Broadmoor E)**  
Moderator: TBD
- 11:45 am – 11:49 am 633 - Lumbar Fusion Outcomes in Men Using 5-Alpha Reductase Inhibitors  
*Adam Sina, BS, Keck School of Medicine of USC*  
*\*Presented by Joshua Davood, BS*
- 11:49 am – 11:53 am 55 - Robotic Assisted Percutaneous Iliac Fixation - Outcomes, History, and Review  
*Chris Franquemont, BS, Loma Linda School of Medicine*

- 11:53 am – 11:57 am 125 - Validation and Component Analysis of the Outpatient Appropriateness Fragility Score (OAFS) in a Large Academic Spine Surgery Cohort  
*Thomas Olson, MD, University of California, Los Angeles*
- 11:57 am – 12:01 pm 52 - Three-Year Outcomes from a Prospective FDA Randomized Clinical Trial Comparing Lumbar Facet Arthroplasty to Transforaminal Interbody Fusion  
*Vikas Patel MD, MA, BSME, University of Colorado*
- 12:01 pm – 12:05 pm Discussion
- 12:05 pm – 12:09 pm 240 - Preoperative Anemia Severity Predicts Complications following Lumbar Decompression  
*Melissa Romoff, BA, University of California, Irvine*  
*\*Presented by Emily L. Tse, BA*
- 12:09 pm – 12:13 pm 203 - Preoperative Patient-Reported Outcomes Predict Postoperative Function and Clinically Meaningful Improvement following Adult Spinal Deformity Correction  
*Renzo Laynes, MD, Virginia Mason Medical Center*
- 12:13 pm – 12:17 pm 410 - No Difference in Surgical Site Infection Between Cefazolin and Alternatives  
*Aidan Lindgren, BS, Keck School of Medicine*
- 12:17 pm – 12:21 pm 209 - Use of Biplanar X-Ray Imaging to Identify Relationship of Spinopelvic Parameters to Patient Anthropometric Variables  
*Christopher Kleck, MD, University of Colorado*  
*\*Presented by Eric Marty, MD*
- 12:21 pm – 12:25 pm 311 - The Impact of GLP-1 Agonist Prior to Lumbar Spine Surgery on Patient Outcomes and Complication Rates  
*Mark Prasarn, MD, Houston Methodist*
- 12:25 pm – 12:30 pm Discussion
- General Session 5 – WOF Endowed Resident and Fellows Awards**  
Moderators: Nicholas A. Alfonso, MD, *University of Colorado*  
Luke T. Nicholson, MD, *University of Southern California*
- 12:40 pm – 12:46 pm 107 - Neviasher Portal for Humeral Nail Eliminated Iatrogenic Rotator Cuff Injury  
*Rory Byrne, MD, University of Utah*

12:46 pm – 12:52 pm	614 - Should Deep Cultures be Taken at the Time of Revision Shoulder Arthroplasty for Non-Infectious Etiologies? <i>Andrew Collins, MD, University of Washington</i>
12:52 pm – 12:58 pm	561 - Benefits of Early Continuous Administration of Weight-Based Low Molecular Weight Heparin in Orthopaedic Trauma Patients <i>Kevin Zhu, MD, University of California, San Diego</i>
12:58 pm – 1:04 pm	113 - Metabolic Modulation of Spinal Implant-Associated Staphylococcus aureus Infection in Type 2 and Type 1 Diabetes: Phenotype-Specific Inflammatory Features and Therapeutic Response to Semaglutide <i>Thomas Olson, MD, University of California, Los Angeles</i>
1:04 pm – 1:10 pm	482 - Effect of Smoke-Evacuating Electrocautery Use on Operating Room Air Quality <i>Daniel Santana, MD, MS, University of California Davis</i>
1:10 pm – 1:16 pm	409 - Lesser Tuberosity Perfusion after AHCA Ligation <i>Tyler Thorne, MD, University of Utah</i>
1:16 pm – 1:22 pm	81 - Matching Choices Significantly Influence Conclusions in Arthroplasty Database Research <i>Jens Verhey, MD, Mayo Clinic Arizona</i>
1:22 pm – 1:28 pm	100 - Randomized Control Trial of Aperture Fixation vs. Suture Button <i>Aaron Tran, MD, University of California, San Diego</i>
1:28 pm – 1:34 pm	<b>Clarence and Sherril Splithoff Pediatric Orthopaedic Surgery Award</b> 280 - Lateral Extra Articular Tenodesis Is Associated with Early Range of Motion Restriction after Pediatric ACLR <i>Christopher Hamad, MD, University of California, Los Angeles</i>
1:34 pm – 1:40 pm	<b>John S. Smith Sr., MD, Military Resident Research Award</b> 628 - Open vs. Arthroscopic Anterior Glenoid Reconstruction: A Comparative Analysis <i>Colby Brunette, MD, Madigan Army Medical Center</i>
1:40 pm – 1:45 pm	Discussion

## **Symposium 6 – General**

Moderator: Carol A. Lin, MD, *Cedars-Sinai Medical Center*

1:45 pm – 1:55 pm

Tips and Tricks While on Call  
*Edgar T. Araiza, MD, Methodist Health System*

1:55 pm – 2:05 pm

Own the Bone  
*Carol A. Lin, MD, Cedars-Sinai Medical Center*

2:05 pm – 2:15 pm

Sports Team Management  
*Eric C. McCarty, MD, University of Colorado*

2:15 pm – 2:25 pm

Orthopaedics and the Military  
*Lt Col Travis J. Dekker, MD, US Air Force Academy*

2:25 pm – 2:35 pm

Discussion

2:35 pm – 3:35 pm

**Scientific Poster Session** (*Broadmoor C*) (Presenters are available to answer questions)

2:35 pm – 3:35 pm

**Scientific E-Poster Session** (*Broadmoor E & F*) (Presenters are available to answer questions)