

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

Thursday, July 30th

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*)

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*)

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, a 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 – 7:50 am

Discussion

7:50 am – 7:54 am

624 - Radial Head and Neck Fixation: Plating vs. Screws

Brendan Shi, MD, University of California, a Los Angeles

**Presented by Timothy P. Liu, MD*

7:54 am – 7:58 am

536 - PROMIS Scores Predict Nonunion after Surgery for Humeral Shaft Fracture

Shannon O'Hara, BA, Cedars-Sinai Medical Center

7:58 am – 8:02 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*

8:02 am – 8:05 am

Discussion

Rapid Fire Session 1C – Basic Science (Columbine)

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 Rat 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)

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*)

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
Eyad Mansour, MS, California Health Sciences University College of Osteopathic Medicine

- 7:47 am – 7:50 am Discussion
- 7:50 am – 7:54 am 480 - Tendon Transfer Outcomes for Irreparable
Posterosuperior Rotator Cuff Tears
*Anthony Mouchawar, MS, University of Southern
California*
- 7:54 am – 7:58 am 245 - Association of Chronic Statin Use with Rotator Cuff
and Achilles Retears
*Shaylan Bera, BS, University of Arizona College of
Medicine - Phoenix*
- 7:58 am – 8:02 am 312 - CKCUEST Administration, Performance, and Cutoff
Scores: A Scoping Review
*Sean Sibley, DPT, University of Colorado Anschutz School
of Medicine*
- 8:02 am – 8:05 am Discussion
- 8:15 am – 8:45 am **Focused Breakfast Presentation**
**CME Credit not available*
- 8:55 am – 9:15 am** ***Break – Please visit exhibits (Broadmoor B)***

Symposium 1 – Infection

Moderator: Joshua Gary, MD, *University of Texas Medical Branch - Galveston*

- 9:15 am – 9:25 am Trauma Infection
*Joshua L. Gary, MD, University of Texas Medical Branch -
Galveston*
- 9:25 am – 9:35 am Sports Infection
Anthony E. Johnson, MD, AEJ Consulting PC
- 9:35 am – 9:45 am Joints Infection
*Antonia F. Chen, MD, MBA, UT Southwestern Medical
Center*
- 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
**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?
Peter Gold, MD, Panorama Orthopedic & Spine Center

1:12 pm – 1:18 pm

294 - Prior Collagenase Injection Is Associated with Increased Revision Risk following Primary Fasciectomy for Dupuytren's Contracture
Ali Azad, MD, Keck School of Medicine of USC

1:18 pm – 1:24 pm

Discussion

1:24 pm – 1:34 pm

First Place Research Award

693 - The New State of Periprosthetic Joint Infection - Immune Profiling Reveals Clinically Silent Dormant Infection Predictive of Relapse

Derek F. Amanatullah, MD, PhD, Stanford University

1:34 pm – 1:44 pm

Second Place Research Award

694 - Mitochondrial Genetic Variation Orchestrates COPZ1 Transcript Heterogeneity and Reveals Telomere-Mediated Vulnerabilities in Osteosarcoma

Alexander B. Christ, MD, University of California, Los Angeles

1:44 pm – 1:54 pm

Third Place Research Award

695 - Improving Patient Health Literacy Through Gamification of Medicine Using Augmented Reality–Powered Tools for Common Spinal Degenerative Conditions: A Proof-of-Concept Study

Hai Van Le, MD, MPH, University of California, Davis

*Presented by Hania Shahzad, MD

1:54 pm – 2:00 pm

Discussion

Symposium 2 – Disasterplasty

Moderator: Rina Jain, MD, *Synergy Orthopedics*

2:00 pm – 2:10 pm

General Principles of Periprosthetic Fractures

Jessica Lee, MD, University of Colorado

2:10 pm – 2:20 pm

Arthroplasty for Proximal Femur Fractures

Rina Jain, MD, Synergy Orthopedics

2:20 pm – 2:30 pm

Underlying Metastatic Disease

Erica M. Giles, MD, UT Physicians Orthopedics

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)

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*)

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

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)

- 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*)

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

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
- 3:54 pm – 4:00 pm Discussion

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

- 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
- 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
**Presented by Henrik A. Hahamy, BSE*
- 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 F*) (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 31st

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

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 Albotabekkh, 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

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)

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)

- 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)

- 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 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*
- 7:42 am – 7:45 am Discussion
- 7:45 am – 7:49 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*
- 7:49 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)**
- 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 Iliopsoas 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**
**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**
**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 Interacting with the Health System
Jay R. Lieberman, MD, University of Southern California

1:40 pm – 1:50 pm Value-Based Care
Kevin J. Bozic, MD, MBA, Dell Medical School

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)

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*)

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)

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

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*)

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)**
- 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

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 1st

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*)

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*)

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

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*)

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*)

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)

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 Kyle Cantave*

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**
**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 – Joints (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 Pertrochanteric 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)

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

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*)

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
Shannon O'Hara, BA, Cedars-Sinai Medical Center

12:13 pm – 12:17 pm 218 - Neutrophil-Lymphocyte Ratio Trajectories Predict
Complications after Hip Fracture
*Julian Wier, MD, University of Southern California Keck
School of Medicine*
**Presented by Apurva Prasad, BA*

12:17 pm – 12:21 pm 217 - Higher Dexamethasone Dose Associated with Lower
Thrombotic Complications following Hip-Fracture
Ian Jones, MD, University of Washington

12:21 pm – 12:25 pm 307 - Type IIIa Open Lower Extremity Fractures and
Infection with Nighttime Debridement
Colin Lipps, MD, UC Irvine
**Presented by Sebastian Arzayus Dominguez, BBA*

12:25 pm – 12:30 pm Discussion

Rapid Fire Session 6C – Shoulder & Elbow (Columbine)

11:45 am – 11:49 am 617 - Arthroplasty vs. Fixation: A Multicenter Study of 491
Radial Head and Neck Fractures
Brendan Shi MD, University of California, Los Angeles
**Presented by Timothy P. Liu, MD*

11:49 am – 11:53 am 111 - Olecranon Osteotomy in Distal Humerus Fixation and
Associated Nonunion Rates
*Deana Mercer, MD, University of New Mexico Health
Sciences Center*

11:53 am – 11:57 am 342 - Operative vs. Nonoperative Management of
Olecranon Fractures in Low-Demand Patients
Crystal Yu, BS, UC Irvine School of Medicine
**Presented by Yijie Luo, BS*

11:57 am – 12:01 pm 35 - Pectoralis Minor Tenotomy Reduces Pain in
Intractable Shoulder Syndromes
*Ketan Sharma, MD, MPH, St Luke's Plastic and
Reconstructive Surgery*

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)**
- 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)**
- 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 - Neviasser 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?

Andrew Collins, MD, University of Washington

- 12:52 pm – 12:58 pm 561 - Benefits of Early Continuous Administration of Weight-Based Low Molecular Weight Heparin in Orthopaedic Trauma Patients
Kevin Zhu, MD, University of California, San Diego
- 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
Thomas Olson, MD, University of California, Los Angeles
- 1:04 pm – 1:10 pm 482 - Effect of Smoke-Evacuating Electrocautery Use on Operating Room Air Quality
Daniel Santana, MD, MS, University of California Davis
- 1:10 pm – 1:16 pm 409 - Lesser Tuberosity Perfusion after AHCA Ligation
Tyler Thorne, MD, University of Utah
- 1:16 pm – 1:22 pm 81 - Matching Choices Significantly Influence Conclusions in Arthroplasty Database Research
Jens Verhey, MD, Mayo Clinic Arizona
- 1:22 pm – 1:28 pm 100 - Randomized Control Trial of Aperture Fixation vs. Suture Button
Aaron Tran, MD, University of California, San Diego
- 1:28 pm – 1:34 pm **Clarence and Sherril Splithoff Pediatric Orthopaedic Surgery Award**
280 - Lateral Extra Articular Tenodesis Is Associated with Early Range of Motion Restriction after Pediatric ACLR
Christopher Hamad, MD, University of California, Los Angeles
- 1:34 pm – 1:40 pm **John S. Smith Sr., MD, Military Resident Research Award**
628 - Open vs. Arthroscopic Anterior Glenoid Reconstruction: A Comparative Analysis
Colby Brunette, MD, Madigan Army Medical Center
- 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)