

WOA 2026 Posters

Hand & Wrist

645 - Functional Outcomes of AHDA and Comparison to HDA
Kavn S. Aulakh, BA, Georgetown University School of Medicine

600 - Structural vs. Non-Structural Grafts in Corrective Osteotomy for Distal Radius Malunion
Matthew Gallo, MD, Keck School of Medicine of USC

201 - Workers' Compensation Status Predicts DRF ORIF Complications
Kaleb Patterson, BSA, Baylor College of Medicine

95 - Soft Tissue Stabilization in the Surgical Treatment of DRUJ Dysfunction
David Riopelle, MD, University of Southern California, Keck School of Medicine

Pediatrics

511 - Outpatient vs. Inpatient Management of Pediatric Displaced Lateral Condyle Fractures
Alejandro Holle, BS, Mayo Clinic

Shoulder & Elbow

268 - Lower Trapezius Transfers for Irreparable Rotator Cuff Tears
Rishi Trikha, MD, University of California, Los Angeles

Spine

380 - The Microbiology of Secondary Spine Infections: An Institutional Experience
Westin Mace, MS, UC Davis

206 - The Effect of Pelvic Incidence on Sagittal Vertical Axis following Thoracolumbar Adult Spinal Deformity Surgery
David Ou-Yang, MD, University of Colorado

490 - Patient-Reported Outcomes in Pediatric Spondylolysis
Samantha Snyder, BS, Cedars Sinai

Sports Medicine

27 - Relationship between Hip Specific Patient-Reported Outcome Scores and Quality of Life Metrics after Hip Arthroscopy for FAIS
Wyatt David, MD, UCSF

Total Hip

38 - Extended-Release Topical Anesthetic vs. PAI in 2,000 Consecutive DAA THAs
Alexander Sah, MD, Institute for Joint Restoration

366 - Acetabular Augments using Locking-screws for Extensive Bone Loss in THA
Nathanael Heckmann, MD, Keck School of Medicine of USC

Total Knee

171 - Factors and Timing Associated with Progression to AKA After PJI
Brandon S. Gettleman, MD, University of California, Los Angeles

634 - Preoperative Diverticulitis Timing Predicts Acute Prosthetic Joint Infection
Saahil Sandhar, BS, UC Davis School of Medicine

88 - Smart Implant TKA and Virtual Therapy Affect on Knee Stiffness
Taha M. Taka, MD, Loma Linda University Health System

602 - Clinical Outcomes and Safety Profile of a Standardized Tibial Tubercle Osteotomy Technique in Complex Revision Total Knee Arthroplasty: A Thirteen-Year Institutional Experience in the Era of Trizonal Tibial Fixation
Jeremiah Taylor, MD, UCSF Health

Trauma

402 - Does CT Alter Surgeon Classification and Management of Patella Fractures Compared with Radiographs Alone?
Claire Bonnyman, University of California, San Diego

247 - Injury Characteristics, Fixation Strategies & Clinical Outcomes of Interprosthetic Femur Fractures
John Schutz, MD, University of Colorado School of Medicine

Tumors

599 - Recovery of Patient-Reported Outcomes after Intervention for Extremity MBD (REPAIR): A Preliminary Report on an Ongoing Multi-Center Trial for Patients Undergoing Surgical Stabilization for Metastatic Bone Disease of the Femur
R. Lor Randall, MD, University of California, Davis

640 - Pre-Cancer Bone Mineral Density Predicts Breast Cancer Bone Metastasis Risk
Abby Viglione, MD, UC Davis

WOA 2026 E-Posters

Foot & Ankle

340 - Association between Patient Language Preference and Outcomes following Orthopedic TEAM Surgeries

Rachel Gottlieb, MD, UCSF

397 - Access to Lead Protective Garments among Female Orthopaedic Trainees: A Survey of Current Residents

Madeleine Orringer, MD, University of Southern California

Hand & Wrist

579 - Preoperative SSRI Use Is Associated with Increased Risk of Reoperation After Distal Radius ORIF

Joshua Davood, BS, Keck School of Medicine of USC

**Presented by Joshua Khorsandi, BS*

177 - Your Carpal Tunnel Biopsy is Positive for Amyloid. Then What?

Jack Kramer, BA, University of Illinois Chicago

Other

135 - A Machine Learning Approach to Predict Patient Attendance in Arthroplasty Clinic

Rashed Alananzeh, BA, UCLA David Geffen School of Medicine

499 - The Returner: Characterizing Social Determinants of Health in Orthopaedic Readmissions

Reginald Chinweze, MD, LLM UC Davis

Pediatrics

542 - PROMIS-25 and PROMIS Pediatric Mobility in Pediatric Lower Extremity Trauma

Nicholas Kelly, BA, University of California, San Francisco

**Presented by Sarah Coufal*

174 - Development of a Patient Decision Aid for the Management of Residual Acetabular Dysplasia in Pediatric Patients

Luke Sang, BS, University of California, San Francisco

202 - Declining Postoperative Opioid Use after Pediatric ACL Reconstruction (2014-2021), Independent of Clinical Guidelines

Isabella Wallace, BA, Oregon Health and Science University

Practice Management/Education

314 - Musculoskeletal Health-Care Needs of Children and Adults with Cerebral Palsy Inform Transitional Care
Megha Aepala, BS, UCSF

612 - Pre-Residency Research Output of Incoming Orthopaedic Residents in the Step 1 Pass/Fail
Era Marco Napolitano, MS, MSM, Keck School of Medicine of USC
**Presented by Adam Sina, BS*

460 - Musculoskeletal Disease in Incarcerated Populations: Access, Treatment, and Consequences
Elena Montgomery, BA, MPH, Kaiser Permanente Bernard J. Tyson School of Medicine

Shoulder & Elbow

239 - Tail-Risk Reduction in Robotic Arm-Assisted Reverse Shoulder Arthroplasty
Neil Buac, MD, UC Davis

625 - Gout is Associated with Early RCR Utilization and Postoperative Complications
Alexander Eischeid, BS, University of Arizona College of Medicine - Phoenix

215 - Cost-Effectiveness of SLAP Repair vs. Biceps Tenodesis in Overhead Athletes
Matthew Frederickson, MD, University of California, Davis Health

21 - Ulnar Neuropathy Within 12 Months Following Humerus Fracture Fixation
Jordan Ginder, MS, Drexel Med School

585 - Short-Term Functional Outcomes Following Subscapularis-Sparing Reverse Shoulder Arthroplasty
Brian Kwan, DO, Community Memorial Hospital

483 - Sling-Related Discomfort and Function after Shoulder Surgery
Westin Mace, MS, UC Davis

355 - A Case-Control Study of Coracoid Fractures after Computer-Navigated Reverse Shoulder Arthroplasty
Alexander Olson, DO, Touro University California

533 - Influenza Vaccination and Postoperative Outcomes After Rotator Cuff Repair
Jonathan Sayegh, BS, University of Arizona College of Medicine - Tucson

254 - Seizures Increase Complications after Shoulder Arthroplasty
Paul Walker, MD, University of California, Los Angeles

Spine

362 - Outcomes by Surgical Specialty and Fellowship in Pediatric Spinal Fusion

Maveric Abella, MD, Cedars Sinai Medical Center

317 - Unique Pain Patterns among Patients with Chronic Low Back Pain are Associated with Differences in Subjective Physical Function and Movement Quality

Aidan Foley, BA, University of California, San Francisco School of Medicine

**Presented by Jonathan Varcados*

257 - Dialysis vs. Renal Transplant Fusion Patients: Wait Until after Transplantation?

Nora Galoustian, BA, UCLA DGSOM

140 - Impact of Diabetes on Biportal Endoscopic Spine Surgery Clinical Outcomes

Hana-Joy Hanks, BSN, University of California Irvine

485 - Wearing the Stress: Monitoring Surgeon Strain with Wearable Technology

Eyasu Kebede, BS, Cedars-Sinai Medical Center

**Presented by Kenneth D. Illingworth, MD*

393 - Cefazolin Prophylaxis is Associated with Lower Surgical Site Infection Risk than Vancomycin following Elective Spine Surgery

Emily Mills, MD, University of Southern California

514 - Development of Screening Criteria to Detect Transthyretin Amyloid in the Ligamentum Flavum: Early Detection of Systemic Amyloidosis

Mark Prasarn, MD, Houston Methodist

359 - Improving Patient Health Literacy through Gamification of Medicine using Augmented Reality-Powered Tools for Common Spinal Degenerative Conditions: A Proof-Of-Concept Study

Hania Shahzad, MD, University of California, Davis

83 - Risk Factors Associated with Pseudoarthrosis Following ACDF

Rahul Sharma, BSA, University of Texas Southwestern Medical Center

581 - Pediatric Endplate Fractures Case Series: Diagnostic Challenges and Clinical Outcomes

Samantha Snyder, BS, Cedars Sinai

Sports Medicine

31 - Physical Therapy Utilization Rates after Arthroscopic Anterior Cruciate Ligament Reconstruction at a Single Institution

Wonhee Han, MS, Case Western Reserve University School of Medicine

36 - ACL Reconstruction using Internal Bracing: A SR-MA of Biomechanical Studies

Matthew J. Hatter, MD, Valley Consortium for Medical Education

246 - Menstrual Cycle and ACL Injury Risk: Systematic Review and Meta-analysis

Jack Kramer, BA, University of Illinois Chicago

66 - Outcomes of Hypoplastic Hip Labral Repairs: Multicenter Matched Control Study
Dean Matsuda, MD, Premier Hip Arthroscopy

530 - Low Preoperative Albumin Levels Increase the Risk of Postoperative Complications Following ACL Reconstruction
Bryce Michael, BS, University of Arizona College of Medicine - Tucson

566 - Predictors of Delayed Surgery and Follow up in Acromioclavicular Separation and Clavicle Fracture
Nesa Milan, MD, UCSF

488 - Biomechanical Comparison of Femoral Fixation Types in Anterior Cruciate Ligament Reconstruction
Anthony Mouchawar, MS, University of Southern California

72 - Reliability of MRI for Rotator Cuff Tear Size and Configuration
Jessica Nelson, MD, BS University of Arizona-Tucson

122 - Program Director Perspectives on Signaling in the 2025 Orthopedic Sports Medicine Fellowship Match
Evan Richman, MD, University of Colorado

47 - Surgeon Perspectives and Practice Patterns for Hip Arthroscopy in Postpartum Patients
Stephanie Wong, MD, University of California, San Francisco

Total Hip

335 - Surgeon-Specific Volume and Cemented Stem Failure Risk in Hip Arthroplasty
Jessica Abrolat, MS, University of California, San Francisco

613 - Indomethacin for Heterotopic Ossification Prophylaxis Following Total Hip Arthroplasty
Connor Buchanan, BS, Keck School of Medicine of USC

521 - Do Pre-Operative Patient-Reported Outcome Measures and Spinopelvic Parameters Correlate with Low Back Pain Improvement after Total Hip Arthroplasty? A Systematic Review and Meta-Analysis
Aidan Foley, BA, University of California, San Francisco School of Medicine
**Presented by Jonathan Varcados*

299 - Intraosseous Powdered Vancomycin for Infection Prophylaxis in Primary Total Hip Arthroplasty
Austin Mullaly, MS, Touro University of Nevada College of Osteopathic Medicine

30 - Dual Mobility vs. Acetabular Revision for Metal-on-Metal revision to THA: A Systematic Review and Meta-Analysis

Jean Shanaa, BS, California Northstate College of medicine

493 - Factors Driving Higher Opioid Use After Total Hip Arthroplasty

Shannon Tse, BMBS, University of California, Davis

Total Joint

567 - Ehlers-Danlos-Syndrome is Associated with Increased Revisions Following Total Joint Arthroplasty

George Bcharah, MS, Mayo Clinic

478 - Rethinking Overnight Vitals After Total Joint Replacements

Nicholas Hernandez, MD, University of Washington

568 - Conversations in Health-Literacy using AI-Technology in OsteoArthritis (CHAT-OA): Randomized Trial

Zachary Lum, DO, University of California Davis

172 - Preoperative Testing Predicts Length of Stay Following Total Joint Arthroplasty

Max Ruiz, BA, Stanford Medical School

130 - Preoperative Exposure to Oral First-Generation Cephalosporins and PJI: A Cautionary Association

Ahmad Zedan, BS, University of California, San Francisco

Total Knee

259 - Recent Preoperative Sepsis is Associated with MI and DVT After TKA

Ahmad Alhankawi, BA, Mayo Clinic

222 - Evaluation of Aspirin for Thromboembolic Chemoprophylaxis in Aseptic Revision TKA

Arjun Aron, BS, University of Southern California

436 - Improved Flexion with Medial-Pivot vs. Ultra-Congruent Device in TKA

Timothy Gee, BS, University of Washington School of Medicine

611 - Comparative Analysis of Mixed-Reality Augmented Primary Total Knee Arthroplasty

Claudio Ghetti, MD, UC San Diego Health

601 - Impact of Opioid Prescribing Guidelines on Postoperative Use Following TKA

Natalie Kistler, BS, Keck School of Medicine of USC

363 - Multi-Center Stacked Cone Constructs in Revision-TKA for Extensive Bone Loss

Pranit Kumaran, BS, Keck School of Medicine of USC

365 - Stacked Cone Constructs for Revision TKA with Extensive Bone Loss
Pranit Kumaran, BS, Keck School of Medicine of USC

506 - Optimal Planned Alignment Doesn't Guarantee Better Patient-Reported Outcomes in TKA
Tyler Lockwood, BS, UC Davis School of Medicine

554 - Impact of Femoral Component on Patellar Tracking after Robotic TKA
Sean Rajae, MD, MS, Cedars-Sinai Medical Center

469 - Evaluating the Antifibrotic Potential of Montelukast in Preventing Arthrofibrosis following Total Knee Arthroplasty
Audrey Zhao, BS, UC Davis

293 - Primary Hinge for Complex Total Knee Arthroplasty: A Modern American Experience
Thomas Zink, MD, UCLA Department of Orthopaedic Surgery

Trauma

344 - Language and Neighborhood in Lower Extremity Trauma in Los Angeles
Maveric Abella, MD, Cedars Sinai Medical Center

265 - Hearing Loss and Fragility Fracture Risk in U.S. Elderly
Arezo Ahmadi, BS, UCSF

377 - Variable-Angle Locking Patellar Plating for Comminuted Patella Fractures: Does Augmentation Improve Fixation Stability?
Claire Bonnyman, University of California, San Diego

200 - Anteroposterior Knee and Standing Films Differ in Assessing Tibial Alignment
Christian Calderon, MD, Cedars-Sinai Medical Center

644 - Incidence of Backout of Iliosacral and Transsacral Screws for Posterior Pelvic Ring Fixation
Jacquelyn Cruz, MD, Stanford University

569 - Chaput vs. Wagstaffe Fragments in Quadrimalleolar Ankle Fractures: A Comparative Cohort Study
Benyamin Dadpey, BS, University of California, San Diego

548 - Area Deprivation Predicts Readmissions and Complications After Femoral Neck Fractures
David Dallas-Orr, MD, MBA, MTM University of California Davis Health

538 - Reliability of Radiographic Score System for LC1 Pelvic Fractures
Omar Farah, Cedars-Sinai Medical Center

348 - 13 mm of LC1 Pelvis Fracture Dynamic Instability to Pelvic Binder Radiography Predicts Length of Hospital Stay

Camille Flynn, BS, Keck School of Medicine of USC

248 - Patient Factors Associated with Nonoperative Failure in Femoral Neck Fractures

Katelin Isakoff, BS, Stanford University

217 - Higher Dexamethasone Dose Associated with Lower Thrombotic Complications following Hip-Fracture

Ian Jones, MD, University of Washington

374 - Assessing Bone Density after Lower Extremity Trauma Using Quantitative Ultrasound

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

517 - Factors Associated With Follow-up Attendance Following Operatively Treated Ballistic Fractures

Jacob Wilson, BS, University of California Davis School of Medicine

Tumors

323 - Independent Assessment of a Novel Height Prediction Tool for Pediatric Sarcoma

Brooke Boisvert, BS, University of Texas Southwestern Medical Center

158 - Increased Risk of Mental Health Disorders Following Pathological Fracture: A Retrospective Cohort Analysis

Chantelle Cancel, BS, Med, Paul L. Foster School of Medicine