

WOA 2025 Poster Presentations

Hand & Wrist

417 - Improving Detection of Distal Radius Screw Penetration Using Three-Dimensional Models
Angela W. Zhang, BS, University of Texas Southwestern

Other

625 - Clinical Features of Ischiofemoral Impingement Syndrome: A Systematic Review of Case Reports

Nathan Smith, BS, Penn State College of Medicine

Pediatrics

51 - Outcomes and Management for Ballistic Traumatic Arthrotomies in Children

Nicholas Newcomb, MD, University of New Mexico

724 - Tether Complications Effects on Patient Reported Outcomes

Katherine D. Sborov, MD, Cedars Sinai Medical Center

29 - Smartphone Digital Radiograph Review Prior to Pediatric Trauma Center Transfer

John A. Schlechter, DO, Children's Hospital Orange County

Shoulder & Elbow

341 - Anemia is associated with early postoperative complications following aseptic revision total shoulder arthroplasty

Steven H. Liu, MD, Keck Medicine of University of Southern California

45 - How Have Total Shoulder Arthroplasty Implant Prices Changed Compared to Overall Costs and Reimbursements?

Jonathan Yu, MD, MBA, UCLA

Spine

387 - Analyzing Effectiveness of Rigo Cheneau Braces for Idiopathic Scoliosis Patients

Afshin Aminian, MD, Children's Hospital of Orange County

653 - Waiting Costs - More Resources for Less Correction in NMS

Brandon Yoshida, MD, University of Southern California

Total Hip

284 - Efficacy of Dual Mobility in Jumbo Cups for Revision THA

Ramesh B. Ghanta, MD, University of California San Francisco

41 - Impact of Cognitive Impairment on Outcomes and Cost of Care for Hip Fracture Care in a Large Hospital System

Sydney Kobak, BS, Western University of Health and Science

663 - SSRIs Exhibit a Protective effect Against TJA in Osteoarthritis Patients

Andrew Miner, BS, University of California Riverside School of Medicine

630 - Biomechanical Analysis of Anchors for Gluteus Medius Repair in a Cadaveric Model

Eduardo Portela-Parra, MD, University of California, San Francisco

677 - High Nonunion Rates Associated with Greater Trochanteric Claw Plate Fixation

Alexandra Stavrakis, MD, University of California, Los Angeles

Total Hip

567 - Five-Year Cost Utility: ORIF vs. Arthroplasty for Femoral Neck Fractures

Caleb A. Casanova, BS, Baylor College of Medicine

Total Joint

177 - Increased Mortality in Low-Volume Hospitals Following Revision TJA for PJI

Julian Wier, BS, University of Southern California Keck School of Medicine

Trauma

204 - Plate vs. Non-Plate Fixation of Operative Patella Fractures: Comparing Complication Rates

Maxwell Durtschi, BA, Stanford University School of Medicine Department of Orthopaedic Surgery

362 - Post-Traumatic Stress Disorder following Geriatric Fragility Fractures

Zachary Hong, MD, Cedars-Sinai Medical Center

Tumor

609 - Hybrid fixation for treatment of pelvic metastases

Kevin Y. Zhu, MD, University of California, San Diego

Upper Extremity

695 - Remote Monitoring for Delivering Physical Therapy to Socioeconomically Disadvantaged Groups

Kanwar Parhar, BS, Elson S Floyd College of Medicine

WOA 2025 E-Posters Presentations

Basic Science

682 - Interrelationship between Inflammation, Cruciate Injury and End-Stage Knee Osteoarthritis
Patrick M. Carry, PhD, Children's Hospital Colorado

475 - Platelets Enhance Antimicrobial Defense in Periprosthetic Joint Infections
Autreen Golzar, BS, University of California Los Angeles

268 - Evaluating AI's Multilingual Responses to Bone Tumor-Related Questions
Youssef Khalafallah, MD, University of Texas MD Anderson Cancer Center

467 - Intermittent Parathyroid Hormone Protects against Periprosthetic Joint Infection-Induced Osteolysis
Trevor S. Lloyd, BS, University of California, Los Angeles

231 - Histological Evaluation of a Yucatan Minipig Large Animal Model for Chondrolabral Delamination Injuries of the Hip
Deborah H. Wen, BS, University of California, Irvine

Foot & Ankle

622 - Radiographic Outcomes of Müller-Weiss Patients after Central Column Restoration with Structural Allograft
Julia Matthias, MD, University of Colorado Anschutz Medical Campus

Hand & Wrist

710 - Analysis of Factors Influencing Five-Star Reviews of Hand Surgeons
Dylan R. Rakowski, BS, Steadman Philippon Research Institute

249 - Post-Surgical Incidence of DeQuervain's Tenosynovitis following Thumb Carpometacarpal Joint Arthroplasty
Clarissa A. Meza, MD MPH, University of Texas Southwestern Medical Center

40 - Understanding Metacarpal Morphology and Practical Surgical Applications
Rhiana Rivas, BS, University of New Mexico School of Medicine

313 - Morphologic Differences in the Hands of Recreational Rock Climbers
Daniel C. Santana, MD, MS, University of California Davis

Other

584 - Investigating the Impact of ICD-9 to ICD-10 Transition on Femoral Neck Fracture Diagnosis
Monica E. Guirgus, MBS, BA, California University of Science and Medicine

Pediatrics

124 - Comparison of Treatment Choice for Pediatric Femur Fractures by Adult vs. Pediatric Trained Surgeons

Bailey Ingalls, MD, University of Washington

500 - Physeal Bars and Surgical Correction in Pediatric Medial Malleolus Fractures

Owen S. Roth, BS, University of Washington School of Medicine

723 - Lowest Instrumented Vertebra in Treatment of Adolescent Idiopathic Scoliosis is Not Correlated with PROMIS Scores

Katherine D. Sborov, MD, Cedars Sinai Medical Center

28 - Cast Art Analgesia: Distraction Strategy to Mitigate Pain in Children

John A. Schlechter, DO, Children's Hospital Orange County

Practice Management/Education

245 - The Effect of the United States Medical Licensing Exam Step 1 Grading Change on Orthopaedic Surgery Residency Applications in U.S. MD Seniors: Analyzing the National Resident Matching Program Charting Outcomes (2011-2024)

Eric H. Lin, BA, Keck School of Medicine of USC

583 - Effect of GLP-1 Agonists on Readmission and Complications in Arthroplasty

Adithya Shekhar, MD, Good Samaritan Regional Medical Center, Corvallis

183 - OREF Resident Research Symposia is an Important Pipeline for Prospective Orthopaedic Surgeon-Scientists

Mathangi Sridharan, MD, University of California, Los Angeles

197 - Can AI Match Clinicians? Assessing Inter-rater Reliability in Fracture Identification

Aliyah N. Walker, BS, University of California Davis School of Medicine

Shoulder & Elbow

720 - Risk Factors and Shoulder Arthroplasty Types Impacting Postoperative Venous Thromboembolism Rates: A National Database Study

Lina Elias, MMS, University of Arizona College of Medicine Phoenix

520 - Humeral Head Geometry: Global Offset, Diameter, and Intramedullary Shaft Diameter

Jackson Sumner Lent-Koop, MS, University of New Mexico School of Medicine

531 - Implant Survivorship and Clinical Outcomes Following Radial Head Arthroplasty

Kate Spitzley, PhD, Slocum Research & Education Foundation

10 - Single-Stage Revision of Periprosthetic Shoulder Arthroplasty Infection is More Cost Effective than Two-Stage Revision: A Break-Even Cost Analysis

Mathangi Sridharan, MD, UCLA

Spine

597 - Effect of Liposomal Bupivacaine on Narcotic Consumption Following Lumbar Fusion
Brooke Brady, BS, BA, UT Southwestern Medical Center

318 - The Relationship Between Social Vulnerability Index and Lumbar Fusion Outcomes
Vahe S. Yacoubian, BS, Tufts University School of Medicine

404 - Impact of Hip Stiffness on Spinopelvic Compensation Following Lumbar Fusion
William J. Karakash, BS, Keck School of Medicine of USC

143 - Immediate Supraphysiologic Loading after Gunshot-Related Spinal Cord Injury Appears Safe
Hirofumi Kusumoto, MD, MPH, Harbor UCLA Medical Center

389 - Reoperation Rates After Lumbar Discectomy in Pediatric Patients
Andy M. Liu, BS, Cedars Sinai Spine Center

Sports Medicine

645 - ChatGPT Effectively Addresses Post-Operative Questions And Photos After Sports Surgery
Bill Young, MS, Stanford University

Total Hip

487 - Modern Hip Arthroscopy vs. Total Hip Arthroplasty in Middle-Aged Patients
Jeffrey W. Kwong, MD MS, University of California San Francisco

604 - Early Outcomes of Monoblock Conical Stems in Complex Primary THA
Jacob Zipperstein, MD, University of California, Los Angeles

Total Joint

85 - Cefazolin Administration and Safety in Penicillin Allergy Labeled Arthroplasty Patients
Chiara A. Giordani, BS, MSc, University of California, Davis

691 - Communication Between Surgeons and Physical Therapists in Joint Arthroplasty
Patrick Mark, University of Washington School of Medicine

62 - Higher PROM capture in TJA patients at ASC vs. Hospital
Aidan Morrell, Orthopedic & Fracture Specialists

23 - Effect of Nutrition Discussions in Arthroplasty Patient Reported Outcomes
Janae Leilani Rasmussen, DO, Valley Consortium for Medical Education

538 - Digital Patient Engagement Platform Meets Medicare's PRO Requirements After THA/TKA
Manjot Singh, Dartmouth Hitchcock

Total Knee

568 - COVID-19 History as a Risk Factor for TKA Outcomes

Caleb A. Casanova, BS, Baylor College of Medicine

718 - Saphenous Neuralgia Incidence with Perioperative Total Knee Adductor Canal Block

Raja Dhalla, MD, Dhalla Orthopedic Center

491 - Race Leads to Inequities in Primary but not Revision Knee Arthroplasty

Jeffrey W. Kwong, MD, MS, University of California San Francisco

164 - Synovial CRP Has Poor Sensitivity in Diagnosing PJI Following TKA

David McCavitt, BA, Keck School of Medicine of the University of Southern California

294 - Outcomes of Concomitant Patellofemoral Arthroplasty and Patellar Re-alignment Surgery

Paul Walker, MD, University of California, Los Angeles

Trauma

680 - Valgus-Impacted Femoral Neck Fractures: Arthroplasty after Failed Non-Operative Management

Katelin Isakoff, BS, Stanford University

507 - Risk Factors of Intramedullary Nail Breakage in Femur Fractures: Analysis of 279 Broken SIGN Nails

Shravya Kakulamari, BA, University of California San Francisco

306 - Dual Plate Fixation of Distal Femur Fractures: A Case Control Series

Christopher Lee, MD, University of California, Los Angeles

390 - Post-Operative Opioid Usage in Cephalomedullary Nailing vs. Sliding Hip Screws

Brendan C. O'Leary, MD, UCSD Medical Center

258 - Comparative Outcomes of Lower Extremity Fractures in Patients with Type 1 and Type 2 Diabetes: A Retrospective Database Analysis

Thomas E. Olson, MD, University of California, Los Angeles

58 - Bone-Screw-Fastener is a Superior Rescue Screw in Poor Quality Bone

Tyler Thorne, MD, University of Utah

589 - Elderly Patients Benefit from Clavicle Fracture Surgery Like Everybody Else

Maïke van Niekerk, PhD, Stanford University

109 - How Have Lower Extremity Trauma Implant Prices Changed Compared to Overall Costs and Reimbursements?

Jonathan Yu, MD, MBA, University of California Los Angeles

Tumor

266 - Factors Associated with Short-Term Soft Tissue Complications Following Upper Extremity Sarcoma Surgery

Kameel Khabaz, BA, University of California Los Angeles

617 - Factors Associated with Unplanned Readmission Following Soft Tissue Sarcoma Resection

Christopher Liu, University of California, San Diego

295 - Risk Factors for Local Recurrence in Giant Cell Tumor

Charlotte Wahle, BA, University of California, Los Angeles

Upper Extremity

415 - Comparative Outcomes of Carpal, Cubital, and Concomitant Tunnel Release

Matthew C. Henn, BS, Oregon Health & Science University