

2018 WOA E-Poster Presentations

BASIC SCIENCE

A New Orthopedic Screw Design that Does Not Strip
Nicholas Alfonso, MD, University of Colorado

Does Greater Trochanter Decortication Affect Suture Anchor Pullout Strength in Abductor Tendon Repairs?: A Biomechanical Study
Jill Goodwin, MD, University of Arizona College of Medicine

Biomechanical Analysis of Retrograde Superior Ramus Screw Fixation Constructs
Justin Lucas, MD, Harborview Medical Center

Local Bio-absorbable Antibiotic Calcium Sulfate Beads in Hip and Knee Arthroplasty
Zachary Lum, DO, University of California, Davis

Effects of Fondaparinux For Prophylaxis in Total Joint Arthroplasty
Zachary Lum, DO, University of California, Davis

FOOT & ANKLE

Operative Outcomes In Ankle and Talus Fractures Following Organ Transplantation
Bejan A. Alvandi, BS, Keck School of Medicine of the University of Southern California

Calcaneal Fractures Through Prior Schanz Pin Sites in Diabetic Neuropathy
Rachel Larsene, BS, Oregon Health and Science University

Dexamethasone Addition to Popliteal Nerve Blocks - Postoperative Nerve Complication and Analgesia Duration
Naudereh Noori, MD, Cedars Sinai Medical Center

A Systematic Review of the Outcome Evaluation Tools for the Foot and Ankle
Pejma Shazadeh Safavi, BS, University of Texas Medical Branch at Galveston

PEDIATRICS

Use of Rotationplasty for Pediatric Trauma and Significant Physeal Injuries
Kristina Barber, BA, University of Colorado School of Medicine

Transphyseal Distal Humerus Fracture in a Premature Neonate
Justin Chang, MD, University of Colorado Hospital

Atypical Femur Fracture in the Setting of Long-Term Bisphosphonate Use for Osteogenesis Imperfecta

Steven Jones Jr., MD, University of Colorado School of Medicine

Morphological Features of the Hip in Skeletal Dysplasia

Adam Lindsay, MD, MS, University of Southern California

Current State of the Opioid Epidemic as it Pertains to Pediatric Orthopaedics

Ellen Raney, MD, Shriners Hospital for Children

SPINE

Venous Compression and Stenosis Owing To Lumbo-Sacral Exostosis: Case Report

Jory Wasserburger, MD, University of New Mexico

Preoperative Oxycodone ER Impact on Postoperative Opioid Use and Outcomes

Joshua Hwang, BS, University of California, Davis School of Medicine

Bariatric Surgery Prior to Posterior Lumbar Fusion Reduces Medical Complications in Infection

Deeptee Jain, MD, University of California, San Francisco

Impact of Cirrhosis on Morbidity and Mortality After Spinal Fusion

Young Lu, MD, University of California, Irvine

Complications of Harms Atlantoaxial Fixation at an Academic Medical Center

Thomas O'Toole, BA, Oregon Health & Science University

SPORTS MEDICINE

Effect of Sport Specialization on Injury in Division I Athletes

Seth Ahlquist, BS, David Geffen School of Medicine at University of California Los Angeles

Effect of Correction Angle on Complications Following High Tibial Osteotomy

Derek Axibal, MD, MS, University of Colorado

Outcomes of ACL Reconstruction with Planned vs Unplanned Hybrid Graft

Derek Axibal, MD, MS, University of Colorado

Rotation Medical Patch Augmentation after Rotator Cuff Repair and Reduced Opioid Consumption

Steven Barad, MD, Methodist Hospital

Reliability of Preoperative MRI Prediction of Hamstring ACL Autograft Size

Andrew Hanna, MS, Virginia Tech Carilion School of Medicine

2016 Track and Field Olympic Trials: Injuries and Medical Care
Nicholas Strasser, MD, Slocum Center for Orthopedics & Sports Medicine

Cannabis Use and Fracture Healing: A Matched Case-Control Study
Nicholas Strasser, MD, Slocum Center for Orthopedics & Sports Medicine

TOTAL HIP

Impact of Spinal Deformity on Acetabular Cup Orientation in Total Hip Arthroplasty
John Attenello, MD, University of Hawaii

Blood Loss and THA: Impact of a Bipolar Sealant Device
Tyler Bron, MD, University of Colorado School of Medicine

Early Clinical Outcomes with an Additive Manufactured Porous Acetabular Cup
Russell Cohen, MD, Tucson Orthopedic Institute

Pre-Operative Rehabilitation Correlates With Decreased Hospital Stay After Hip/Knee Arthroplasty
Sahitya Denduluri, MD, Stanford University

Learning Curve for Direct Anterior Approach for Total Hip Arthroplasty
Tyler Goldberg, MD, Texas Orthopedics, Sports and Rehabilitation Associates

Impact of Depression on Opioid Requirements after Total Joint Arthroplasty
Trevor Grace, MD, University of California, San Francisco

Acetabular Liner Geometry and Dislocation Rate: Does it Really Matter?
Alex Joufflas, BS, University of Colorado School of Medicine

Correlation Of Modular Tapered Stem Subsidence In Revision THA
Emmanuel C. Nwelue, MD, University of Texas Southwestern

Ten-Year Outcomes Following Kinematically Aligned Total Knee Arthroplasty
Trevor Shelton, MD, MS, University of California, Davis

TOTAL KNEE

Early Results of a New Cementless TKA Design
Russell Cohen, MD, Tucson Orthopedic Institute

Arthrodesis with a Cephalomedullary Nail after Failed Total Knee Arthroplasty
Malcolm DeBaun, MD, Stanford University

Less Iatrogenic Soft Tissue Damage in Robotic-Arm Assisted Approach TKA
Emily Hampp, PhD, Mahwah, NJ

Use of Intraoperative Implant Planning to Reduce Occurrence of Soft Tissue Releases
Robert Marchand, MD, Ortho Rhode Island

TRAUMA

Effect of Organ Transplantation on Operative Outcomes Following Tibial Plateau Fractures
Bejan A. Alvandi, BS, Keck School of Medicine of the University of Southern California

Effect Of Bariatric Surgery On Operative Outcomes In Pelvic and Acetabular Fractures
Bejan A. Alvandi, BS, Keck School of Medicine of the University of Southern California

Hip Dislocations and Concurrent Injuries in Motor Vehicle Collisions
Joseph Cooper, MD, Keck School of Medicine at University of Southern California

How Feasible Are Routine Intraoperative Plain Radiographs in Orthopaedic Trauma Surgery?
Eric Farrell, MD, University of California Los Angeles

Knee Radiographs? Ottawa Rules Need Change
Rand Floyd, MS, Georgetown University Medical School

Fat Emboli Syndrome and the Orthopedic Trauma Surgeon
Trevor Jackson, MD, University of Colorado School of Medicine

Body Habitus and Soft Tissue Envelope Thickness Overlying Knee Joint
Paul Johnson, MD, University of New Mexico

Spectrum of Orthopaedic Injuries Associated with Hoverboard Use
Derek Ju, MD, Cedars-Sinai Medical Center

Axillary Artery Pseudoaneurysm after Plate Osteosynthesis of a Clavicle Non-Union
Thomas Melton, MD, Madigan Army Medical Center

Implant Removal Rates for Stable and Unstable Ankle Fractures
David Putnam, MD, Oregon Health and Science University

Orthopedic Surgeons Have Inadequate Knowledge Regarding Costs of Imaging Studies
Blake Schultz, MD, Stanford University

A Review of Surgical Approaches and Outcomes for Hoffa Fracture
Kristin Toy, MS, University of Toledo College of Medicine

Methamphetamine Abuse in Orthopaedic Trauma Patients

Nicholas Trasolini, MD, Keck School of Medicine at the University of Southern California

TUMOR

Observing Clinical and Radiographic Outcomes of Limb Salvage with a 3D Printed Custom Titanium Cage

David Hahn, MD, Institute for Limb Preservation

Results of Femoral Head AVN Decompression and Autologous Stem Cell Injection

Cynthia M. Kelly, MD, Colorado Limb Consultants

UPPER EXTREMITY

Driving After Shoulder Arthroplasty: When Is It Safe?

Santano Rosario, BA, Keck School of Medicine at the University of Southern California

Trends in Peripheral Nerve Blocks in Shoulder Arthroscopy

Abhinav Sharma, BS, David Geffen School of Medicine at University of California Los Angeles