

WOA E-Poster Presentation

Basic Science

597 - Comparison of Knot and Loop Security with a Variety of Sliding/Locking Arthroscopic Knots using FiberWire vs. SutureTape

Gregory Adamson, MD, Orthopaedic Biomechanics Laboratory, Congress Medical Foundation

618 - The Biomechanical Effects of Treatment Options for Scapholunate Advanced Collapse

Connor Delman, University of California, Davis

351 - LRINEC Score Poorly Predicts Necrotizing Fasciitis in Community Hospital Setting

Ezra Levy, DO, Community Memorial Health System

Foot & Ankle

156 - Distal Chevron Osteotomy Increases Anatomic Intermetatarsal Angle in Hallux Valgus

Jeremy Chan, MD, Cedars-Sinai Medical Center

109 - Conservative Management of Jones Fractures with Immediate Weight-Bearing in a Walking Boot

Nicole E. Look, MD, University of Colorado

581 - Publication Rates of Foot and Ankle Abstracts Accepted to the 2011-2015 Annual Meetings of the American Academy of Orthopedic Surgeons

Ankur S. Narain, MD, University of Massachusetts Memorial Medical Center

149 - Low Risk of Wound Complications with Sinus Tarsi Approach for Treatment of Calcaneus Fractures

Stephen B. Wallace, MD, University of Texas Southwestern

338 - Return to Driving After Outpatient Foot and Ankle Surgery: A Patient Survey

Anne R. Wright, MD, University of Hawaii Department of Orthopedic Surgery

Hand & Wrist

317 - Early Complications Following Thumb Ulnar Collateral Ligament Surgery

Michael D. Alley, MD, University of Washington

566 - Hospital Readmissions Following Surgical Fixation of Distal Radius Fractures

Armin Arshi, MD, David Geffen School of Medicine at UCLA

444 - Pneumatic Tourniquet Use and Edema Following Axillary Lymph Node Dissection

Cara Lai, BS, Stanford University

523 - Outcomes of Methamphetamine Users with Distal Upper Extremity Fractures

Kevin Lui, BS, Keck School of Medicine at the University of Southern California

609 - Structuring the Shared Decision-Making Process: Eliciting Patient Preferences for Trigger Finger Treatment

Allison Roe, MD, Stanford Hospital

35 - Increased Infection Risk in Trigger Finger Surgery After Steroid Injection

Robert S. Walker, MD, University of Arizona College of Medicine Phoenix

585 - What is the Role of Body Mass Index in Hand and Wrist Fracture Surgery?

Pengcheng Wang, MD, UCLA Medical Center

Other

358 - Increased Resident Participation within Orthopedic Surgery Procedures Billed to Medicare

Jaymeson R. Arthur, MD, Mayo Clinic Arizona

551 - Occupational Hazards & Risk Mitigation in Orthopaedic Surgery

Phillip H. Behrens, MD, Cedars-Sinai Medical Center

155 - An Analysis of Orthopaedic Job Availability in the United States Based on Subspecialty

Jeremy Chan, MD, Cedars-Sinai Medical Center

185 - Clubfoot Activity, Recurrence & Exercise (CARES): A Pilot Study

Ghida EL-Banna, BA, MPP, Stanford University School of Medicine

9 - Live In-Office Smartphone Video Recording of Pediatric Cast Care Instructions

Ian Hasegawa, MD, University of Hawaii Orthopaedic Residency

604 - Radiation Exposure in Female Orthopaedic Trauma and Arthroplasty Surgeons

Cara Lai, BS, Stanford University

246 - Hospital Outcomes in Pediatric Patients with Prader-Willi Syndrome (PWS) Undergoing Orthopedic Surgery: A 12-year Analysis of National Trends in Surgical Management and Inpatient Hospital Outcomes

Kade S. McQuivey, MD, Mayo Clinic Arizona

376 - Geographical Variation in Orthopedic Surgery Utilization and Reimbursement Among Medicare Patients

Kade S. McQuivey, MD, Mayo Clinic Arizona

130 - Orthopaedic Patients' Attitudes Towards Telemedicine

Haydn J. Roberts, MD, University of Arizona, Tucson

381 - Utility of Preoperative Hemoglobin A1C Testing in Identifying Undiagnosed Diabetic Patients

Brent Sanderson, DO, Community Memorial Health System

398 - Association Between Hip Dysplasia and Hypermobility is Very Strong
Richard F. Santore, MD, San Diego, CA

43 - Formal Orthopedic Surgery Sub-Internship Preparatory Course to Improve Match Rates
Henry Yu, MD, Children's Hospital Colorado

Pediatrics

483 - Parental Concerns about Children with Down syndrome Undergoing Anesthesia—An Opportunity for Orthopedist Intervention
Gregory L. Desilva, MD, University of Arizona Tucson

396 - Abnormalities in Vertebral Artery Anatomy in Children with Skeletal Dysplasia
Ekamjeet S. Dhillon, MD, University of Washington

599 - Effect of K-wire Size on Outcomes of Supracondylar Humerus Fractures
Mary Kate Erdman, MD, University of Southern California

6 - Spinal Balance and Lumbar Curve Stability after Selective Thoracic Fusion in Idiopathic Scoliosis
Aaron S. Gebrelul, MD, Texas Scottish Rite Hospital for Children

600 - Age is a Predictor of Elbow Stiffness After SCH Fracture
Kavish Gupta, BA, Children's Orthopaedic Center, Children's Hospital Los Angeles

274 - Univalved vs. Bivalved Long-Arm Casts – Preventing Complications Associated with Swelling
Nicholas P. Iannuzzi, MD, University of Washington

306 - Temporary Flexible Rods for Correction of Severe Pediatric Spinal Deformity
Jeffrey Kwong, BS, Stanford University School of Medicine

348 - Lateral Plate vs. Lag Screw Fixation of Adolescent Fibula Fractures
Conner Paez, BA, Rady Children's Hospital

582 - Does Pelvic Obliquity Change Acetabular Coverage in Hip Dysplasia?
Stephanie Pun, MD, Stanford University

170 - Identifying Neurovascular Injury in Supracondylar Humerus Fractures and Their Variants
Jacob D. Schultz, BA, Vanderbilt University School of Medicine

147 - Seasonal Trends in Operative Pediatric Supracondylar and Femur Fractures
Tyler Tetreault, MD, University of Colorado

65 - Biomechanics and Histology of Pediatric Discoid Meniscus Saucerization and Meniscectomy

Emily P. Tran, BA, Stanford University School of Medicine

463 - Perioperative Blood Management in Non Spinal Pediatric Orthopedic Procedures

Francisco Valencia, MD, University Orthopedic Specialists

94 - Growth of the Pediatric Knee Meniscus: a Cadaveric Study

Brian B. Vuong, BS, Stanford University

584 - Are Maternity Nurses Knowledgeable of Hip-Healthy Newborn Swaddling Techniques?

Brian B. Vuong, BS, Stanford University

315 - Does the Song Classification Predict Outcomes in Lateral Condyle Fractures?

Lucas C. Wollenman, BS, Vanderbilt University School of Medicine

319 - Continuity of Diagnoses: Agreement in Anatomical Description of Elbow Fractures

Lucas C. Wollenman, BS, Vanderbilt University School of Medicine

Practice Management/Education

512 - Validation of The Denver Patient Outcomes After Trauma Scale

Lori Chambers, MD, Denver Health

193 - Lack of Alignment Between Priorities in Total Joint Replacement and Patient Expectations

Patrick H. Le, BA, MS, Stanford University School of Medicine

Shoulder & Elbow

598 - Anatomical and Biomechanical Characterization of the Transverse Humeral Ligament and its Potential Role in Biceps Tenodesis

Gregory Adamson, MD, Orthopaedic Biomechanics Laboratory, Congress Medical Foundation

14 - Reverse Shoulder Arthroplasty in Younger Populations: Systematic Review and Meta-Analysis

Kofi Agyeman, MD, University of Miami / Jackson Memorial Hospital

262 - Clinical Outcomes Associated with Preoperative Opioid Use in Various Shoulder

Dan M. Devano, BA, Colorado University

5 - Return To Duty Following Arthroscopic Assisted Biceps Tenodesis with or without Concomitant Distal Clavicle Excision in Active Duty Soldiers

Nicholas J. Drayer, MD, Madigan Army Medical Center

99 - Relationship of Radial Head Safe Zone to Bicipital Tuberosity

Allicia Imada, MD, University of New Mexico

100 - Safe Zone for Screw Placement in Radial Head Fixation
Alicia Imada, MD, University of New Mexico

324 - Patient Self-Efficacy and Physician Perception in Clinical Shoulder Outcomes
Jaicharan Iyengar, MD, Alpine Orthopaedic Medical Group

181 - Trends in the Treatment of Biceps Pathology: An Analysis of the ABOS Database
Steven Jones, MD, University of Colorado SOM

179 - Clinical Outcomes after Operative Treatment of Pediatric Monteggia Fracture-Dislocations
Brennan P. Roper, MD, University of Texas, Houston

143 - Utilization of Patient-Reported Outcomes Measurement Information System (PROMIS) for Operative Shoulder Outcomes
Iлона Schwarz, BS, MS, University of Colorado School of Medicine

539 - Axillary Nerve at Risk During Shoulder Arthroplasty: MRI-Based Anatomic Study
Matthew Y. Siow, MD, University of California, San Diego

610 - Infraspinatus Tears Predict Superior Humeral Migration in Rotator Cuff Arthropathy
Matthew Y. Siow, MD, University of California, San Diego

90 - Glenohumeral Joint Penetration Following Ultrasound Guided Biceps Tendon Sheath Injections
John Slevin, MPAS, Madigan Army Medical Center

Spine

226 - Perioperative Major Neurologic Deficits as a Complication of Spine Surgery
Kody K. Barrett, MD, Harbor UCLA Medical Center

426 - Association Between Neck Pain and Neck Posture During Orthopedic Surgery
Joseph J. Bigham, BS, University of Washington

476 - Effect of Drain Use on Acute Outcomes Following Lumbar Decompression
Akaila Cabell, MD, Stanford University

513 - Acute Paraspinal Compartment Syndrome Following Non-Spinal Orthopedic Surgery
Joseph C. Chavarria, MD, University of Colorado

13 - Radiographic and Surgical Outcome Analysis of Lenke 1A Adolescent Idiopathic Scoliosis (AIS) Correction: Open vs. Minimally Invasive
Matthew Geck, MD, Ascension Texas Spine and Scoliosis Center

146 - Independent Risk Factors for VTE after Acute Spinal Cord Injury

Annat M. Rabinovich, BS, McGovern Medical School

63 - Maximizing Mechanical Advantage: Stiffening the Rod to Restore Thoracic Kyphosis
Joshua N. Speirs, MD, Loma Linda Health

145 - Optimization of a Rat Lumbar Intervertebral Disc Degeneration Model for Low Back Pain
Stephen Stephan, MD, Cedars Sinai

298 - Incidence of Surgical Site Infection in Neuromuscular Posterior Spinal Fusion
Stephen Stephan, MD, Cedars Sinai

543 - Higher Rates of Medical Complications and Costs of Care Following Delayed Surgical Intervention for Cauda Equina Syndrome: A Matched-Control Analysis
Ajit Vakharia, MD, University Hospitals Cleveland Medical Center, Case Western Reserve University

42 - Development of A Spring-Based Weight System for Halo Gravity Traction
Henry Yu, MD, Children's Hospital Colorado

Sports Medicine

300 - Cost Effectiveness of Concomitant Biceps Tenodesis During Primary Rotator Cuff Repair
Kunal Varshneya, BS, Stanford University School of Medicine

Total Hip

182 - Case-Controlled Analysis of the Direct Superior and Mini-Posterior Approach for Total Hip Arthroplasty at a Minimum of 2 Years of Follow-up
Rami M. Ezzibdeh, Stanford University School of Medicine

97 - Predicting Femoral Fractures with Direct Anterior Approach Total Hip Arthroplasty
Sean Z. Griffiths, DO, Inspira Health

619 - Direct Anterior Approach Hemiarthroplasty with a Fracture Table - Incidence of Intraoperative Femur Fractures
Ian Hasegawa, MD, University of Hawaii Orthopaedic Residency

269 - Trabecular Metal Augments During Primary Total Hip Arthroplasty
Nathanael D. Heckmann, MD, Keck School of Medicine of the University of Southern California

258 - Does Prosthetic or Bony Impingement Occur More Often in Total Hip Arthroplasty?
Abhinav K. Sharma, BS, David Geffen School of Medicine at UCLA

509 - High Offset Stems are Protective of Dislocation in High Risk Total Hip Arthroplasty
Jonathan H. Vigdorich, MD, David Geffen School of Medicine at UCLA

Total Joint

371 - Preoperative PROMs are Predictive of Outcome following Unicompartmental Knee Arthroplasty

Logan M. Kasper, BS, University of Arizona

522 - Excellent Outcomes after Direct Superior THA with 2-Year Minimum Follow-Up

Moritz S. Korth, MD, Stanford University

291 - Can you Identify the Anterior Approach in Total Hip Arthroplasty in Large Administration Database Studies?

Zachary C. Lum, DO, University of California: Davis Medical Center

Total Knee

280 - Cortical Rebar Screws for Revision Patelloplasty: A Novel Reconstructive Technique

Armin Arshi, MD, David Geffen School of Medicine at UCLA

228 - Genicular Artery Embolization for the Treatment of Knee Osteoarthritis

Gideon Blumstein, MD, MS, University of California, Los Angeles

184 - Perioperative Complications in Patients Undergoing Simultaneous Bilateral Total Knee Arthroplasty

Sean K. Chan, BS, University of Hawaii, John A. Burns School of Medicine

206 - Custom-Designed Total Knee Arthroplasty: Cost-Effectiveness Compared to a Standard Implant

Navin Fernando, MD, FRCSC, University of Washington

31 - Radiographic Gas After Knee Arthroplasty Is Predictive of Prosthetic Infection

Ryland Kagan, MD, Oregon Health & Science University

254 - Opioid Use in Revision Total Knee Arthroplasty

Daniel O'Connor, MD, University of California, Davis

279 - Total Knee Arthroplasty: Effect of Patella Resurfacing with Ultracongruent Insert

Victoria Scala, MD, John A. Burns School of Medicine, University of Hawaii, Department of Surgery

252 - Stiffness after Total Knee Arthroplasty: Result of Spinal Deformity?

Abhinav K. Sharma, BS, David Geffen School of Medicine at UCLA

529 - Distal Femoral Replacement for Fractures Allow for Early Mobilization with Low Complication Rates

Ryan D. Stancil, MD, MPH, University of Washington

563 - Effects of Peripheral Vascular Disease Following Primary Total Knee Arthroplasty
Spencer H. Summers, MD, Jackson Memorial Hospital/University of Miami Health System

233 - Safety of Bilateral Unicompartmental Knee Arthroplasty in Patients Over 70
Kadee-Kalia M. Tamashiro, BA, John A. Burns School of Medicine

Trauma

515 - Increased Surgical Site Infections for Pelvic Ring Fracture and Exploratory Laparotomy
Emmett Cleary, BS, Keck School of Medicine at the University of Southern California

153 - Prospective Case Series of Osseointegration Implant for Transfemoral Level Amputation
Diane Han, Nevada Orthopedic & Spine Center

603 - Comparison of Mini-Fragment to Pre-Contoured Plate Fixation for Olecranon Fractures
Sohaib Hashmi, MD, Cedars-Sinai Medical Center

352 - Outcomes Associated with Open Tali Fractures
William M. Hannay, MD, University of Washington

334 - Return to Unassisted Weight-Bearing Following Fracture Fixation and Free Tissue Transfer for Gustilo-Anderson Type III Fractures
Harsh Patel, BS, Cedars-Sinai Medical Center

390 - Benefits of a Geriatric Fracture Program in Trauma Care
Amit Pujari, BS, Cedars-Sinai Medical Center

344 - Optimal Nail Diameter to Medullary Canal Ratio in Tibia Shaft Fractures
Anastasiya Trizno, BS, University of Colorado

50 - Definitive Surgery? Risk Factors for Reoperation Within 1 Year after Below Knee Amputation
Erik Woelber, MD, Oregon Health and Science University

Upper Extremity

96 - Determining the Optimal Location for Fresh Osteochondral Allograft Transplantation in Treating Osteochondritis Dissecans of the Capitellum Based on Radius of Curvature
Zachary Goldstein, BS, Oregon Health and Science University

91 - Humeral Fracture Management With a Humeral Fracture Reduction Brace
Robert S. Walker, MD, University of Arizona College of Medicine Phoenix