

EOA 2025 E-Poster Presentations

Foot & Ankle

366 - Impact of Insurance Type on Treatment and Outcomes in Haglund Deformity

Nana F. Amponsah, BA, Rothman Orthopaedic Institution

451 - Total Ankle Replacement in Patients with Prior Distraction Arthroplasty

Allison L. Boden, MD, University of Louisville

166 - Comparing Ankle and Forefoot Gait Outcomes Using an In-Office Wearable

Caroline M. Dingler, BS, Emory School of Medicine

174 - Metatarsophalangeal Arthrodesis: Risk Factors for Nonunion in a Retrospective Cohort

Caroline M. Dingler, BS, Emory School of Medicine

988 - Regional Trends in Total Ankle Arthroplasty: A Medicare Analysis of Volume, Reimbursement, and Patient Demographics from 2013 to 2022

Megan Hsu, Johns Hopkins University

875 - Impact of Stem Count on Clinical Outcomes Following INBONE I and II Revision Total Ankle Arthroplasty

Alexandra Krez, BA, Duke University School of Medicine

387 - Pickleball and the Return to Sport After Achilles Tendon Rupture

Adam Lencer, DO, Jefferson Health New Jersey

817 - Impact of GLP-1 Agonists on Outcomes Following Ankle Fracture ORIF

Joshua L. Morningstar, BS, University of North Carolina School of Medicine

761 - Anatomic Differences in Foot & Ankle Between Genders

Mehreen Pasha, BS, University of Connecticut School of Medicine

847 - What Parameters Influence Surgeons for Staging of Progressive Collapsing Deformity?

Isabel Shaffrey, BS, Duke University

551 - Dorsiflexion Angles Following First MTP Arthrodesis in Adult Pes Planus?

Abigail Smith, MD, University of North Carolina, Chapel Hill

712 - Near-Infrared Spectroscopy Assessment of Muscle Oxygenation Across Functional Positions

Pooya Tehrany, MD, PhD, Rothman Orthopaedics Florida at AdventHealth

757 - Concomitant Realignment Procedures in Total Ankle Replacement for Valgus Osteoarthritis

Daniel G. Yang, BS, Duke University School of Medicine

Hand & Wrist

546 - Primary Trigger Finger Corticosteroid Injections: Is Triamcinolone Superior to Betamethasone?

Jeremiah A. Adams, BS, Rothman Orthopaedic Institute

506 Three-Dimensional Scanning for Wrist Swelling in Distal Radius Fractures

Tia Alexander, DO, Jefferson Health New Jersey

570 - Electrodiagnostic Studies Predict MCID in BCTQ Scores at Six Weeks

Brenda Iglesias, University of Pittsburgh Medical Center

770 - Efficiency of Radial Nerve Autograft, Allograft, and Primary Repair

John Martino, BS, MS, Medical University of South Carolina

560 - Comparative Analysis for Obtaining Median Nerve Cross-Sectional Area using Ultrasound

Chukwudi Onyeukwu, MD, MS, University of Pittsburgh Medical Center

Other

925 - Diagnostic Trends for Septic Arthritis in Patients with “Sub-Diagnostic” Aspiration

Jahan Aslami, BS, Drexel University College of Medicine

Pediatrics

330 - Machine Learning Models for Predicting the Outcomes Following Revision Surgery for Failed Joint Arthroplasty; A Systematic Review

Maryam Salimi, MD, University of Texas Health Sciences Center, McGovern Medical School

Practice Management/Education

214 - Medical School Grade Inflation: An Expanding Problem

James J. Gregory, MD, Dartmouth-Hitchcock Medical Center

930 - Temporal Trends in Orthopedic Surgical Interventions for Multiple Myeloma

Davis Hedbany, BS, SUNY Upstate Medical University

197 - Gender Differences in Academic Productivity Amongst Pediatric Orthopaedic Surgeons

McKenzie A. Mayer, BS, Hackensack Meridian School of Medicine

720 - Economic Feasibility of Routine Two-Week Postoperative Radiographs in Minimally Invasive Bunionectomy Patients

Taylor Schnepf, BS, MS, Baptist Health

567 - How Good Are We with Detecting Perforations in Tray Wraps?

Nicolina Zappely, BA, Rothman Orthopaedic Institute

Shoulder & Elbow

206 - Outcomes following Suture Anchor and Transosseous Distal Triceps Tendon Repair
Juliet Allen, BA, Columbia University Irving Medical Center

739 - Postoperative Range of Motion Following Needle-Arthroscopy Assisted Shoulder Manipulation
Steven Fischer, Jefferson Health New Jersey

764 - The Effect of Cervical Spine Pathology on Ulnar Nerve Conduction
Nicole L. Greene, BA, Emory University School of Medicine

830 - Does Vancomycin Powder Decrease Infection Risk in Total Elbow Arthroplasty?
Blake H. Hodgens, MD, Atrium Health Musculoskeletal Institute

815 - Treatment of Paralabral Cysts via Ultrasound-Guided Aspiration: PROs and Conversion to Surgical Intervention at Mid-Term Follow-Up
Bradley Lezak, MD, NYU Langone Orthopedics

783 - Regional Anesthesia and Opiate Use in Proximal Humerus Fracture Repair
Ethan Lizarraga, Stony Brook University Hospital

611 - Outcomes following Arthroscopic Rotator Cuff Repair with Concomitant C-Spine Disease
Michaela Malin, BA, University of Rochester Medical Center

290 - Preoperative Expectations and 2-year Outcomes after Total Shoulder Arthroplasty
Michael A. McCurdy, MD, University of Maryland School of Medicine

737 - The Use of Immersive Virtual Reality Surgical Simulation to Increase Medical Student Confidence and Surgical Knowledge in Orthopaedics
Matthew McKinley, MBA, Nova Southeastern University Kiran C. Patel College of Osteopathic Medicine

346 - Cost-Analysis of CT vs. MRI Arthrogram for Primary Shoulder Instability Surgery Planning
Daniel J. Oconnell, BS, Geisinger Health System

736 - The Impact of Augmented Reality on Patient Satisfaction After Shoulder Arthroplasty
Roya Osswald, University of Tampa

751 - Inferior Glenosphere Offset Reduces Scapular Notching and Spurring after rTSA
Paul J. Pottanat, MD, Medical University of South Carolina

1013 - Multicenter AC Joint Injury Consensus Study
Taylor H. Walters, BA, Lewis Katz School of Medicine at Temple University

Spine

1004 - Utilizing Microwave Ablation in Combination with Vertebroplasty in Reducing Cancer Related Back Pain, Disability, and Opioid Use: A Systematic Review and Meta-Analysis
John Elias, PhD, Cleveland Clinic Akron General

232 - The Effect of Cage-Plate vs. Standalone ACDF Constructs on Subsidence
Taylor Moglia, BS, Geisinger Commonwealth School of Medicine

67 - Social Deprivation Status Influences Anterior Cervical Discectomy and Fusion Complications
Daniella Ogilvie, MD, Rutgers NJMS

61 - Mid-Term Outcomes of Revision Anterior Fusion vs. Cervical Disc Arthroplasty in Patients with Prior Single-Level Anterior Cervical Fusion
Jack Parker, BS, George Washington University

Sports Medicine

493 - Incidence and Outcomes of Patella Fractures After BTB ACL Reconstruction
Larry Chen, BS, NYU Langone

646 - Acetabular Labral Tear Size - Predictor of Eventual Conversion to THA?
Srish Chenna, BSE, Massachusetts General Hospital

329 - Defining Recovery: Outcome Thresholds for Symptom Resolution After Hip Arthroscopy
Rafael DePillis, BS, NYU Langone

612 - Global Acetabular Retroversion is not Associated with Differences in Outcomes after Primary Hip Arthroscopy among Patients with Femoroacetabular Impingement Syndrome: A Matched Cohort Study with Minimum 10-Year Follow-Up
Katherine Esser, BS, NYU Langone Orthopedics

899 - Defining Patient Acceptable Symptom State at Midterm Follow-Up After Revision Hip Arthroscopy
Ady H. Kahana-Rojkind, MD, American Hip Institute Research Foundation

877 - Modern Arthroscopic Techniques Improve Outcomes Following Revision Hip Arthroscopy: A Propensity Matched Cohort Study
Benjamin D. Kuhns, MD, American Hip Institute

861 - Role of Preoperative Patient Reported Outcome Measurement Information System (PROMIS) for Predicting Final Disability in Workers' Compensation Patients
Nicholas Morriss, BA, Duke University School of Medicine

394 - Custom Knee Brace Improves Pain/Function in Patients with Patellofemoral Osteoarthritis
Matthew W. Parry, MD, MS, Geisinger Health System

Total Hip

178 - Outpatient Total Hip Arthroplasty Billing and Same Day Discharge Rates
Ahab Alnemri, Rothman Orthopaedic Institute

1008 - Surveillance of Dual-Mobility Hip Systems: Damage Mode and Clinical Data Analysis
Rami Beydoun, Corewell Health

131 - Classifying THA Implant Fixation and Surgical Approach via Deep-Learning Model
Lefko Charalambous, NYU Langone

336 - Postoperative Complications in Non-Tobacco Nicotine Users After Total Hip Arthroplasty
Zachary Fuller, MD, Rutgers New Jersey Medical School

490 - Collared Cementless Stems Lead to Decreased Rates of Periprosthetic Fractures Compared to Collarless Cemented Stems
Dongyeon J. Kim, MD, Columbia University Medical Center

72 - Volume and Complexity of Revision Total Hip Arthroplasty
Bradley Lauck, BA, UNC School of Medicine

954 - On-Table Vs Off-Table Techniques in Total Hip Arthroplasty
Andrew R. Moya, MD, Rothman Orthopaedics Florida at AdventHealth

149 - Opioid-Free Total Hip Arthroplasty: Targeted Reduction in 229 Patients
Mary Noyes, BS, MaineHealth

721 - Comparison of DDH vs. OA Patients after THA
Anand Saluja, BA, Hospital for Special Surgery

372 - Equivalent Outcomes between Fellowship-Trained Junior and Senior-Surgeons for DAA THA
Tiffany A. Smith, MD, Columbia University Irving Medical Center

594 - Direct Anterior THA: Does Surgeon Volume or Surgical Center Drive Infection Risk?
Andrew Thomson, BS, Hospital for Special Surgery

759 - Post-Operative Complications Following THA in Patients with CLL
Brandon Wood, BS, MAT, UT Southwestern

Total Joint

368 - Does Location Matter? Comparing Outcomes in Dedicated Arthroplasty Units vs. Standard Surgical Wards

Natalia Cruz-Ossa, MD, University of Miami

702 - AVN in SLE Patients Undergoing TKA does not Worsen Outcomes

Billy Kim, MD, Hospital for Special Surgery

5 - What is the Role of Tertiary Academic Centers in Outpatient Total Joint Arthroplasty?

Justin Leal, BS, Duke University

265 - “Enhanced Recovery after Surgery” following Arthroplasty vs. Arthroscopy

Wali U. Pirzada, Rothman Institute Foundation for Opioid Research and Education

970 - TJA Surgical Tray Optimization Reduces OR Costs and Carbon Footprint

Matthew Rohde, BS, Zucker School of Medicine

382 - Chlorhexidine Removal with Alcohol Reduces Atopic Dermatitis Associated with 2-Octyl-Cyanoacrylate

Richard Ruberto, BA, Columbia University Medical Center

333 - Anti-Osteoarthritis Potential of Pinus Gerardiana and Pinus Koraiensis Nut Oils: An Experimental Study in Male Rats

Maryam Salimi, MD, University of Texas Health Sciences Center, McGovern Medical School

687 - Capsular Management in DAA THA: Dislocation and Periprosthetic Fracture Rates

Neel Sandella, BA, Rothman Orthopaedics Florida at AdventHealth

832 - Outpatient Total Joint Arthroplasty at an Academic Center: A Financial Mismatch?

Jonathan Stern, BA, Rubin Institute for Advanced Orthopedics

115 - Readability Analysis of Commonly Cited Patient-Reported Outcome Measures in the Orthopaedic Joint Literature

Harjot Uppal, MBA, St. Joseph's University Medical Center

575 - Revision for “Aseptic” Failure: Do We Really Know They are Aseptic?

Nicolina Zapple, BA, Rothman Orthopaedic Institute

Total Knee

945 - Adductor Canal Blocks Reduce Pain and Opioids After Knee Replacement

Jonathan Brutti, BS, Florida International University Herbert Wertheim College of Medicine

936 - Risk Factors for Increased Hospital Cost for Primary Total Knee Arthroplasty

Matthew Goldner, BS, Montefiore Medical Center

622 - Low Volume Total Knee Arthroplasty Surgeons & Infection Rates: Is it the Surgeon or the Center?

Josef E. Jolissaint, MD, Hospital for Special Surgery/OrthoCarolina Hip and Knee Center

6 - Comparing Survivorship of Symmetric vs. Asymmetric Tibial Augments in Aseptic Revision Total Knee Arthroplasty

Justin Leal, BS, Duke University

12 - Patella Clunk Syndrome: A Systematic Review Risk Factors and Treatment

Jacie L. Lemos, BS, MS, University of Michigan Medical School

968 - Testosterone Replacement Therapy is Associated with Quadriceps Tendon Extensor Mechanism Disruption After Total Knee Arthroplasty

Jose Ayala Ortiz, MD, University of Alabama at Birmingham

526 - The Impact of Ligament Tension on Post-operative Outcomes in Robotic Total Knee Arthroplasty

Jaden S. Queen, BA, Columbia University Medical Center

669 - Real-Time Monitoring in Revision TKA with TracPatch: A Pilot Study

Neel Sandella, BA, Rothman Orthopaedics Florida at AdventHealth

10 - The Range of Motion Trajectory for Revision Total Knee Arthroplasty Due to Stiffness

Jonggu Shin, MD, Hospital for Special Surgery

363 - Monoclonal Gammopathy of Undetermined Significance Impacts Total Knee Arthroplasty

David Tan, BS, George Washington University School of Medicine

297 - Mixed-Reality TKA Demonstrates Comparable Resection Accuracy to Robotic TKA

Catelyn A. Woelfle, BA, Columbia University Irving Medical Center

Trauma

203 - DF2 Brace vs Spica Cast for Pediatric Femoral Shaft Fractures

Calvin Chandler, MD, MBA, Atrium Health Musculoskeletal Institute

919 - Is CTA Overutilized in Patients with Open Lower Extremity Fractures?

Megan Czachor, Philadelphia College of Osteopathic Medicine

161 - TENS for Perioperative Pain Alleviation in Low-Energy Geriatric Fractures

Brian P. Milam, MD, Atrium Health Carolinas Medical Center

160 - Comparative Analysis of Resource Utilization in Distal Femur Fracture Fixation

Ryan Serbin, MD, Atrium Health Musculoskeletal Institute

Tumor

403 - That Pesky Pigmented Villonodular Synovitis and Local Recurrence: Can we Predict?

Tyler Alexander, Atlantic Health System

448 - Does Denosumab Predispose to Local Recurrence in GCTB?

Jorge Valverde, MD, Atlantic Health System

Upper Extremity

531 - Patient Satisfaction of 3D Printed Orthoses in Upper Extremity Immobilization

Jeremiah A. Adams, BS, Rothman Orthopaedic Institute