

## 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*

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*

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

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

*\*Presented by William Dyke, MD*

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

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

### **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*

*\*Presented by Jacob Weinberg, BS*

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*

*\*Presented by Charles Jiang, BS*

### **Other**

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

*Jahan Aslami, BS, Drexel University College of Medicine*

### **Pediatrics**

536- Socioeconomic Drivers and Pediatric Extremity Fracture Management: A Scoping Review

*Devika Shenoy, BS, Rubin Institute for Advanced Orthopedics*

### **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*

*\*Presented by Kyle A. Lorenzo, BA*

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

*Nicolina Zapple, 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*

*\*Presented by Michael B. Gottschalk, MD*

20 - Prophylactic Antibiotic Choice for Total Shoulder Arthroplasty: Matched Cohort Analysis

*Akhil Katakam, MD, MBA, Rutgers Health New Jersey Medical School*

783 - Regional Anesthesia and Opiate Use in Proximal Humerus Fracture Repair

*Ethan Lizarraga, Stony Brook University Hospital*

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*

*\*Presented by Matthew McKinley, MBA*

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*

*\*Presented by Jocelyn Lubert, MD*

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

*Jonathan Elias, PhD, Rowan-Virtua School of Osteopathic Medicine*

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, Luminis Health Anne Arundel Medical Center*

*\*Presented by Justin Turcotte, PhD, MBA*

### **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*

*\*Presented by Mohamed-Ali Sareini, MD*

131 - Classifying THA Implant Fixation and Surgical Approach via Deep-Learning Model

*Lefko Charalambous, NYU Langone*

*\*Presented by Joshua C. Rozell, MD*

336 - Postoperative Complications in Non-Tobacco Nicotine Users After Total Hip Arthroplasty

*Zachary Fuller, MD, Rutgers New Jersey Medical School*

*\*Presented by Jeremiah Thomas*

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*

*\*Presented by Stephen Graham, MD, MSc*

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*

*\*Presented by Edwin P. Su, MD*

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*

970 - TJA Surgical Tray Optimization Reduces OR Costs and Carbon Footprint  
*Matthew Rohde, BS, Zucker School of Medicine*

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*  
*\*Presented by Neil Patel, MD*

575 - Revision for "Aseptic" Failure: Do We Really Know They are Aseptic?  
*Nicolina Zappley, 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*  
*\*Presented by Zachary A. Grand, BS*

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*

*\*Presented by Margaret Hedeman, BA*

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

*Jaden S. Queen, BA, Columbia University Medical Center*

*\*Presented by Jeffrey A. Geller, MD*

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*

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

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

**Trauma**

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

*Megan Czachor, Philadelphia College of Osteopathic Medicine*

**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*