

## **EOA E-Poster Presentations**

### **Basic Science**

Intraoperative Fluorescence Improves Nerve Visualization during Revision Surgery in Mice  
*Rebecca Glasser, BA, Johns Hopkins School of Medicine*

Cytotoxicity Profile of Chlorhexidine Gluconate on Human Fibroblasts, Myoblasts, and Osteoblasts  
*James X. Liu, MD, NYU Hospital for Joint Diseases*

Evaluation of TRB-N0224, Chemically Modified Curcumin for Treatment of Osteoarthritis  
*Ryan A. Nixon, MD, Northwell Health*

### **Foot & Ankle**

Supine Achilles Repair Decreases Total Operating Room and Anesthesia Time  
*David Beck, MD, Thomas Jefferson University Hospital*

Arthroscopic Intra-Articular Findings during Ankle Fracture Repair, A Retrospective Review  
*Peter L. Cohn, MD, Georgetown University Hospital*

Total Ankle Arthroplasty: Analysis of Motion and Functional Outcomes  
*Benjamin A. Hendy, MD, Thomas Jefferson University Hospital*

A Comparison of Pre- and Post-Operative Activity Levels Following Ankle Arthrodesis  
*Brian Traub, BA, Emory University School of Medicine*

Impact of Insulin Dependence on Diabetic Patients with Ankle Fracture Undergoing Open Reduction Internal Fixation  
*Amanda L. Walsh, MD, Mount Sinai Icahn School of Medicine*

### **Other**

The Landscape of Female Orthopedic Surgeons: What is the Distribution across the United States?  
*Talia Chapman, MD, Rothman Institute at Thomas Jefferson University*

Predicting Pulmonary Embolism in Total Joint Arthroplasty Patients  
*Kevin K. Chen, MA, NYU Hospital for Joint Diseases*  
*\*Presented by Afshin A. Anoushiravani, MD*

Publication Misrepresentation among Orthopaedic Residency Applicants  
*Samuel D. Cook, BA, Drexel University College of Medicine*

The Affordable Care Act and Orthopedics: Insurance and Physician Access

*Giacomo Cappelletti, MD, Maimonides Medical Center*

*\*Presented by Nicholas Yohe, MD*

Predictive Value of Preoperative Exclusion Criteria in a Joint Replacement Bundled Payment Model

*John Grady-Benson, MD, Connecticut Joint Replacement Institute*

Feasibility of Alignment Correction of Large Varus Deformities during UKA

*Laura J. Kleeblad, MD, Hospital for Special Surgery*

Provider-Initiated Patient Satisfaction Reporting Yields Improved Physician Ratings Relative to Commercial Online Rating Websites

*Benjamin F. Ricciardi, MD, University of Rochester*

## **Pediatrics**

Prolonging Molding Time during Fiberglass Cast Application – An In-Vitro Study

*Mark Ayzenberg, MD, Einstein Healthcare Network*

Neonatal Osteoarticular Infections: An Orthopedic Nightmare

*Barbara Minkowitz, MD, Goryeb Childrens Hospital, Atlantic Health Systems*

Evaluating the Use of an Electronic Inclinometer in Correcting Rotational Disorders

*Ishaan Swarup, MD, Hospital for Special Surgery*

## **Spine**

Occipital Condyle Morphology: A CT-Based Analysis of 500 Condyles

*Kenneth Foxx, MD, University of Rochester Medical Center*

*\*Presented by Adan Omar, MD*

Spinal Fusion Trends In Neurofibromatosis: A Nationwide Analysis

*Etka Kurucan, BA, University of Rochester School of Medicine & Dentistry*

*\*Presented by Adan Omar, MD*

T1 Tilt/Clavicle Angle: Best Predictors of Postoperative Shoulder Balance?

*Andrew S. Lee, MD, Northwell Health*

Long Term Patient Reported Clinical Outcomes In Patients With Type-II Odontoid Fractures

*Ryan Martyn, MD, Geisinger Medical Center*

Spinal Cord Injuries in Geriatric Population: Etiology, Management, and Complications

*Addisu Mesfin, MD, University of Rochester*

*\*Presented by Karan Arul, BS*

**Microfracture Augmentation Techniques For Chondral Defects: A Review Of Literature**

*Khoa B. Nguyen, BS, Nirschl Orthopaedic Center*

*\*Presented by Ronald Paik, MD*

**The Impact of Insurance Coverage on Access to Orthopedic Spine Care**

*Dale N. Segal, MD, Emory University*

## **Sports Medicine**

**Management of Meniscal Tears in Middle Aged Patients**

*William P. Bassett, MD, Rutgers, Robert Wood Johnson*

**Single Sport Specialization In Youth Sports**

*Patrick S. Buckley, MD, Sidney Kimmel Medical College at Thomas Jefferson University*

**Impact of Baseline Shoulder Outcome Measures with Patient Comorbidities**

*Steven DeFroda, MD, ME, Brown University*

*\*Presented by Sheena Amin, BS*

**Use of the F.A.S.T. (Fundamentals of Arthroscopic Surgery Training) Program to Improve Arthroscopic Skills**

*E. Barry McDonough, MD, West Virginia University*

*\*Presented by Kevin Shepet, MD*

**Trends and Risk Factors for One-Year Complication of Latarjet Procedure**

*Albit R. Paoli, BS, NYU Hospital for Joint Diseases*

**Risk Factors for Contralateral ACL Reconstruction – A Case-Control Study**

*Todd Pierce, MD, Seton Hall University School of Health and Medical Sciences*

**Single-Bundle ACL Reconstruction: Creating Native Footprint with Transtibial Drilling**

*Kevin D. Plancher, MD, Albert Einstein College of Medicine*

**Acute and 90-Day Cost Analysis for Treatment of Anterior Shoulder Instability**

*Samuel Rosas, MD, Wake Forest Baptist Health*

**Impact of Clavicle Fractures on NFL Athletes' Return and Performance**

*Darshan Vora, BS, The George Washington University School of Medicine & Health Sciences*

## **Total Hip**

Complications Following Total Hip Arthroplasty in the Elderly  
*Anthony J. Boniello, MD, Drexel University College of Medicine*

Primary vs. Conversion Total Hip Arthroplasty: Cost and Perioperative Comparisons  
*Marcus DiLallo, BA, Duke University*  
*\*Presented by Cary S. Politzer, BS*

Results of Head/Liner Exchange with the Direct Anterior Approach  
*Brian P. Gladnick, MD, OrthoVirginia*

Birmingham Hip Resurfacing versus Total Hip Replacement: A Matched-Pair Comparison  
*Victor R. Ortiz-Declat, MD, American Hip Institute*

Survivorship of Revision of Metal-on-Metal Total Hip Arthroplasty  
*Danielle Y. Ponzio, MD, Hospital for Special Surgery*

Irrigation And Debridement For Periprosthetic Hip Infection: Does Timing Play A Role?  
*Yousuf Sayeed, BSc, NYU Hospital for Joint Diseases*  
*\*Presented by Afshin A. Anoushiravani, MD*

Decreased Incidence of Impingement in Dual Mobility vs. Fixed Bearing Liners: A Retrieval Study  
*Geoffrey H. Westrich, MD, Hospital for Special Surgery*

Capsular Healing after Anterior Total Hip Arthroplasty: An MRI Study  
*Carlos A. Williams, MD, Lenox Hill Hospital*

## **Total Knee**

Combined Surgical APGAR – ASA Score Predicts 90-day Readmission in TJA  
*Daniel E. Goltz, BS, Duke University School of Medicine*

Outcomes Of Direct Anterior Total Hip Arthroplasty (DA-THA) In Elderly Population  
*Neel Gupta, MD, Hahnemann University Hospital/Drexel University College of Medicine*

Range of Motion in Total Knee Arthroplasty after Manipulation under Anesthesia  
*Erin Honcharuk, MD, Rutgers-Robert Wood Johnson Hospital*

Optimal Length of Stay Following Joint Arthroplasty to Reduce Readmission  
*Patricia A. Kirkland, BS, Medical University of South Carolina*  
*\*Presented by Jacob M. Drew, MD*

Irrigation and Debridement for Early Periprosthetic Knee Infection: Is it Effective?  
*Rajkishen Narayanan, MS, NYU School of Medicine*  
*\*Presented by Afshin A. Anoushiravani, MD*

Accuracy of Femoral Cut Angle Using Standard Valgus Cutting Jig  
*Seth O'Donnell, MD, Warren Alpert School of Medicine at Brown University*  
*\*Presented by Michael C. Mariorenzi, MD*

Diabetes and Total Joint Arthroplasty: Post-Operative Infections and Risk Assessment  
*Sean Ryan, MD, Duke University Hospital*

Antibiotic Holiday Prior to Reimplantation May Not Be Needed  
*Timothy L. Tan, MD, Rothman Institute*

Thirty-Day Readmission after Total Knee Arthroplasty at a Community Hospital  
*Kalain Workman, DO, PinnacleHealth*

Navigated TKA Has Lower Peri-Operative Complication Rates Compared to Conventional TKA  
*Jonathan Yin, MD, Boston Medical Center*

## **Trauma**

Determinants of Length of Stay Following Surgically Treated Femur Fractures  
*Matthew Aizpuru, BA, Emory School of Medicine*  
*\*Presented by Robert Runner, MD*

Relationship Between GCS and Management of Isolated Open Fibula Fractures  
*Nisha N. Branch, MD, MPH, Kingsbrook Jewish Medical Center*

Distal Femur Fractures Treated by Arthroplasty Compared to Osteosynthesis  
*Foster Chen, MD, Montefiore Medical Center*  
*\*Presented by Alan Job*

Posterior Malleolar Fixation: Does It Matter?  
*Derek J. Donegan, MD, University of Pennsylvania*  
*\*Presented by Thomas Rose, BS*

Fractures Associated with Jet Ski Usage  
*Chester John Donnally III, MD, University of Miami Hospital*

Patient Understanding and Perceptions of Overlapping Orthopaedic Trauma Surgery  
*Cody L. Evans, MD, University of Virginia*  
*\*Presented by David B. Weiss, MD*

Tranexamic Use in Orthopaedic Trauma Surgery: A Systematic Review and Meta-Analysis  
*Elizabeth Gausden, MD, Hospital for Special Surgery*

Unique Consideration of Fracture Morphology and Axial Skeleton Injuries in Bilateral Calcaneus Fracture

*John S. Hwang, MD, Carolinas Medical Center*

TAD as a Predictor of Failure in Cephalomedullary Nails

*Paul Norio Morton, MD, St. Luke's University and Health Network*

*\*Presented by Anshul Agarwala, MD*

Autogenous Iliac Crest Bone Grafting of Long Bone Nonunions in the Elderly: Is It Feasible?

*Abdullah Qatu, BSE, Hospital for Joint Diseases*

Sliding Hip Screw Yields a Lower 30-Day Complication Rate than Cephalomedullary Nail Fixation of Intertrochanteric Hip Fractures

*Rajeev Pandarinath, MD, The George Washington University*

Core Muscle Fatty Atrophy: A Marker for Frailty and Increased Complications in Orthopaedic Trauma Patients

*Mara Schenker, MD, Emory University*

Meta-Analysis of Treatment and Mobilization Following Extensor Mechanism Rupture

*Joseph Serino, BS, Georgetown University School of Medicine*

## **Upper Extremity**

Statistical Fragility in Shoulder Research: Can P Values Be Trusted?

*Jesse Dashe, MD, Boston Medical Center*

Optimal Oblique Radiographs to Identify Fifth Carpometacarpal Dorsal Subluxations: A Cadaveric Study

*Julie Johnson, MD, University of Pittsburgh Medical Center*

MRI Is Cost Effective to Diagnose Treatment in Tennis Elbow

*Yonaton G. Keschner, MD, Orthopaedic Foundation*

Case-To-Case Factors Affecting Operating Room Turnover Time

*Andrew Mo, MD, Lenox Hill Hospital*

Misdiagnosis and Radial Tunnel Syndrome: What about the Distal Biceps?

*Jacob M. Wilson, MD, Emory University*