

## **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*

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*

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. Kleebblad, 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**

Pediatric Elbow Arthroscopy: Indications and Safety  
*Steven Andelman, MD, Mount Sinai Icahn School of Medicine*

Prolonging Molding Time During Fiberglass Cast Application – An In-Vitro Study  
*Mark Ayzenberg, MD, Einstein Healthcare Network*

Massive Increase In Pediatric Spinal Fusions Throughout The United States  
*Joseph L. Laratta, MD, The Spine Hospital at Columbia University Medical Center*

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*

Comparison Of Narcotic Usage: Open Vs. Minimally Invasive Lumbar Fusion  
*Michael Hoy, BS, The George Washington Univ School of Med & Health Sciences*

T1 Tilt/Clavicle Angle: Best Predictors Of Postoperative Shoulder Balance?  
*Andrew S. Lee, MD, Northwell Health*

Spinal Cord Injuries In Geriatric Population: Etiology, Management, And Complications  
*Addisu Mesfin, MD, University of Rochester*

The Impact Of Insurance Coverage On Access To Orthopedic Spine Care  
*Dale N. Segal, MD, Emory University*

Pseudoarthrosis Rate in Minimally Invasive Transforaminal Lumbar Interbody Fusion(mis-TLIF): 2-yr Outcomes vs Open TLIF  
*Daniel Thibaudeau, MD, Seton Hall University School of Health and Medical Sciences*

### **Sports Medicine**

Management Of Meniscal Tears In Middle Aged Patients  
*William P. Bassett, MD, Rutgers - New Jersey Medical School*

Impact of Baseline Shoulder Outcome Measures with Patient Comorbidities  
*Steven DeFroda, MD, ME, Brown University*

Use Of The F.A.S.T. (Fundamentals Of Arthroscopic Surgery Training) Program To Improve Arthroscopic Skills  
*E. Barry McDonough, MD, West Virginia University*

Exertional Rhabdomyolysis In Collegiate Football Players  
*Thomas X. Nguyen, MD, Howard University Hospital*

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*

Increased Risk Of Surgery Following Rotator Cuff Repair With Shoulder Injections  
*Sophia Traven, MD, Medical University of South Carolina*

Impact Of Clavicle Fractures On NFL Athletes' Return And Performance  
*Darshan Vora, BS, The George Washington Univ Sch of Med & 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*

Results Of Head/Liner Exchange With The Direct Anterior Approach

*Brian P. Gladnick, MD, OrthoVirginia*

Heterotopic Ossification After Primary Total Hip Arthroplasty With Direct Anterior Approach

*Andrew Mo, MD, Lenox Hill Hospital*

Birmingham Hip Resurfacing versus Total Hip Replacement: A Matched-Pair Comparison

*Victor Ortiz-Declet, MD, American Hip Institute*

Survivorship Of Revision Of Metal-On-Metal Total Hip Arthroplasty

*Danielle Ponzio, MD, Hospital for Special Surgery*

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*

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*

Irrigation And Debridement For Early Periprosthetic Knee Infection: Is It Effective?

*Rajkishen Narayanan, MS, NYU School of Medicine*

Accuracy Of Femoral Cut Angle Using Standard Valgus Cutting Jig

*Seth O'Donnell, MD, Warren Alpert School of Medicine at Brown University*

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*

Primary Ankle Arthrodesis Versus ORIF For Severely Comminuted Pilon Fractures

*Colin H. Beckwitt, BS, University of Pittsburgh School of Medicine*

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*

Posterior Malleolar Fixation: Does it Matter?

*Derek J. Donegan, MD, University of Pennsylvania*

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*

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*

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**

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 Keschner, MD, Orthopaedic Foundation*

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

*Jacob M. Wilson, MD, Emory University*

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

*Jesse Dashe, MD, Boston Medical Center*