EOA 2018 E-Poster Presentations

**BASIC SCIENCE**

*Kamil Amer, MD, Rutgers New Jersey Medical School*

Limited Contact Cables Preserves Periosteal Blood: A Cadaveric Injection Study
*Daniel Schlatterer, DO, Wellstar at Atlanta Medical Center*

**OTHER**

Epidemiology and Perioperative Complications of Sickle Cell Disease Orthopaedic Patients
*Joseph Cusano, BS, Boston University School of Medicine*

Correlation between Editorial Board Gender Composition and Authorship in Orthopaedics
*James Potter, BS, Rutgers New Jersey Medical School*

**PEDIATRICS**

Line-Associated and Deep Vein Thromboses Possess Different C-Reactive Protein Patterns
*Samuel L. Posey, BS, Vanderbilt University Medical Center*

**TOTAL HIP**

Red Cell Distribution Width (RDW): Unappreciated Parameter that Predicts Mortality
*Arash Aali-Rezaie, MD, Rothman Institute at Thomas Jefferson University Hospital*

Preoperative Opioids Increases the Risk of PJI after TJA
*Kerri L. Bell, BS, Rothman Institute at Thomas Jefferson University Hospital*

Transdermal Scopolamine in Patients Undergoing Total Joint Arthroplasty
*Ari Berg, BS, Center for Hip & Knee Replacement*

Complications Following Total Hip Arthroplasty for Osteoarthritis versus Hip Fracture
*Ryan Charette, MD, University of Pennsylvania*

Outcomes of Hip Arthroplasty Following Hip Arthroscopy: A Systematic Review
*Zaira Chaudhry, MPH, Rothman Institute at Thomas Jefferson University Hospital*

Ropivacaine Spinal Leads to Earlier PACU Discharge after Total Hip Arthroplasty
*Vanja Contino, MD, Saint Francis Care Hospital & Medical Center*
Hypoalbuminemia Remains an Independent Predictor of Primary Total Joint Complications
George Fryhofer, MD, University of Pennsylvania

Extended Antibiotic Prophylaxis Confers No Benefit Following Aseptic Revision THA
Feng-Chih Kuo, MD, Rothman Institute at Thomas Jefferson University Hospital

Superficial versus Deep I&D: When Should the Deeper Fascia Be Opened?
Jorge Manrique, MD, Rothman Institute at Thomas Jefferson University Hospital

Does Femoral Morphology and Stem Alignment Influence Outcomes of Cementless Total Hip Arthroplasty with Double Tapered Titanium Stems?
Rajkishen Narayanan, MD, MS, NYU Langone Orthopedic Hospital

Patient Reported Outcomes May Help Predict Discharge Disposition after THA
David Novikov, BS, NYU Langone Orthopedic Hospital

Aspirin for Venous Thromboembolism Prophylaxis Decreases Mortality after Primary TJA
Alexander J. Rondon, MD, MBA, Rothman Institute at Thomas Jefferson University

Diagnosing Inflammatory Arthritis PJI: Assumption is the Enemy of Understanding
Noam Shohat, MD, Rothman Institute at Thomas Jefferson University Hospital

Total Joint Arthroplasty Complications by American Society of Anesthesiologists Classification
Matthew Sloan, MD, MS, University of Pennsylvania

Femoral Neurovascular Anatomical Relationships to Retractors in Direct Anterior THA
Connor Sullivan, MD, Albany Medical College

Predicting Patient Satisfaction Following Total Joint Arthroplasty Using HCAHPS Survey Responses
Tyler Vovos, MD, Duke University Medical Center

Operative Time and Postoperative Infection after Primary Joint Arthroplasty
Qiaojie Wang, MD, Rothman Institute at Thomas Jefferson University Hospital

Thirty-Day Readmissions after Total Hip Arthroplasty at a Community Teaching Hospital: Rates, Reasons, and Risk Factors
Kalain Workman, DO, UPMC Pinnacle Harrisburg

Obese Patients Undergoing Total Hip Arthroplasty: Anterior versus Posterior Approach
William Zelenty, MD, MedStar Georgetown University Hospital

TOTAL KNEE
Does Liposomal Bupivacaine Provide Better Outcomes Compared to Ropivacaine in Chronic Opioid Users Undergoing Total Knee Arthroplasty?
Samik Banerjee, MBBS, MS, MRCS, Albany Medical Center

Albumin vs. ASA Score: Predicting Complications Following Total Knee Arthroplasty
Michael Bergen, BS, Duke University

Demand Matching TJA Patients Results in Reduction of Post-Discharge Costs
Kier Blevins, BA, Rothman Institute at Thomas Jefferson University Hospital

Utilization of Drains in Total Knee Arthroplasty: A Population Based Study
Robert Brochin, MD, Mt Sinai Medical Center

Preoperative KOOS Scores Predict Improvement Following Total Knee Arthroplasty
Alexander Christ, MD, Hospital for Special Surgery

Prosthetic Articulating Spacers May Reduce the Need for Second Stage Reimplantation in Periprosthetic Joint Infection
Andres Duque, MD, MSc, Rothman Institute, Egg Harbor Township

Subchondroplasty for Bone Marrow Lesions with Associated Knee Osteoarthritis
Sean Griffiths, DO, Rowan/Inspira Health Network

The Role of Surgical APGAR Score and ASA in Predicting 90-day Readmission in TJA
Claire Howell, BS, Duke University

Robotic-Arm Assited Technology with Haptic Guidance Can Accurately and Reproducibly Align Total Knee Arthroplasty
Seth Jerabek, MD, Hospital for Special Surgery

Obstructive Sleep Apnea Increases 90-Day Postoperative Complications Following Primary TJA
Wayne Levy, MD, University of Miami

The ‘Bundle Busters’: Incidence and Cost of Post-TJA Complications
Andrew J. Luzzi, BS, Rothman Institute at Thomas Jefferson University Hospital

Development of Preoperative Risk Calculator for Stiffness after Total Knee Arthroplasty: A Multicenter Study
Ali Oliashirazi, MD, Oliashirazi Institute at Marshall University

Cementless and Cemented TKA Utilizing Same Design Yields Similar Outcomes
Eric Owashi, MD, New York Medical College

Knee Arthroplasty in Patients with Previous Ligamentous Knee Surgery
Nirav Patel, MD, MS, FRCS, Rothman Institute at Thomas Jefferson University Hospital
Fibrinogen and Alpha-2-Macroglobulin: Promising Biomarkers to Diagnose and Monitor PJI
Sreeram Penna, MBBS, MRCS, Parvizi Surgical Innovations

No Difference in Total Episode-of-Care Cost between Staged and Simultaneous Bilateral Total Joint Arthroplasty
Jessica Phillips, MD, Thomas Jefferson University Hospital

Short-Term Results Using NC Metaphyseal Sleeves in Revision Total Knee Replacement
Amar Ranawat, MD, Hospital for Special Surgery

Complications Associated with Staged versus Simultaneous Bilateral Total Knee Arthroplasty
Shawn Richardson, MD, Hospital for Special Surgery

Outcomes of Total Knee Arthroplasty in Human Immunodeficiency Virus-Positive Patients
Mackenzie Roof, BSc, NYU Langone Orthopaedics

Can Aspirin Reduce the Incidence of Persistent Wound Drainage after Total Hip and Knee Arthroplasty?
Vishavpreet Singh, MD, Oliashirazi Institute at Marshall University

Measuring Distal Femur Coverage to Assess Femoral Component Size Offerings
Ryan Siskey, MS, Drexel University

Opioid Use Patterns after Total Joint Arthroplasty
Andrea Stone, MSN, CRNP, Anne Arundel Medical Center

Perioperative Antibiotic Prophylaxis in Total Joint Arthroplasty: A Single Dose is as Effective as Multiple Doses
Timothy Tan, MD, Rothman Institute at Thomas Jefferson University Hospital

TRAUMA

Risk Factors Associated with VTE Following Acute Extensor Mechanism Disruption
Alyssa Althoff, BS, Medical University of South Carolina

Orthopaedic Consult Volume at a Level 1 Trauma Center: The Effect of Temporal and Environmental Factors
William Ashford, MD, Medical University of South Carolina

Demographic and injury patterns of United States Motorcyclists
Mikhail Bekarev, MD, Montefiore Medical Center

Open Elbow Fractures Associated with Higher Post-Operative Complication Rate
Isabella Bianco, BA, NYU Langone Orthopedic Hospital
Distribution of Immediate Orthopedic Consults from an Urban Setting: A Study of Over 13,000 Consecutive Consults  
*Jalen Broome, BA, Bronx-Lebanon Hospital Center*

Intraoperative Clavicle Fracture Characterization and Radiographic Outcomes after Operative Fixation  
*Nicholas Drayer, MD, Madigan Army Medical Center*

Intramedullary Nail Fixation for the Treatment of Unstable Metacarpal Fractures  
*Ather Mirza, MD, Mirza Orthopedics/North Shore Surgi-Center*

Fixation of Forearm Fractures in Patients Undergoing Fasciotomy: An Analysis of Complication Risks  
*M. Kareem Shaath, MD, Rutgers New Jersey Medical School*

The Fallen Leaf Sign: Radiographic Findings in Moore-Type Proximal Tibial Fracture Dislocations  
*Robert Simpson, MD, Hughston Trauma at Fort Walton Beach*

Posterior Malleolar Involvement in Distal-Third, Spiral Tibia Fractures  
*Garret Sobol, MD, Rutgers New Jersey Medical School*

**TUMORS**

Orthopedic Manifestations of Melanoma  
*Mostafa Abousayed, MD, MSc, Albany Medical Center*

High-Risk Squamous Cell Carcinoma of the Pelvis and Extremities  
*Louis Bivona, MD, MS, University of Maryland Medical Center*

A Dedicated Orthopaedic Oncology Review Improves Performance on the Orthopaedic In-Training Examination  
*Frank Chiarappa, MD, Rutgers Robert Wood Johnson University Hospital*

Hospital Resource Utilization Associated with Endoprosthetic Reconstruction Versus Primary Arthroplasty  
*Christopher Hoedt, MD, Cooper University Hospital*

**UPPER EXTREMITY**

Seasonal Variations in Elective Surgery: Implications for Practice Management  
*Anil Akoon, MD, Geisinger Health System*

Humerus Implant Positioning Using a Canal Sparing Total Shoulder Arthroplasty
Eric Baranek, MD, New York Presbyterian/Columbia University Medical Center

Procedure Value Index (PVI): Quantifying Value in Shoulder Arthroplasty
Derek Berglund, MD, Holy Cross Orthopedic Institute

Counseling and Opioid Consumption after Hand Surgery: A Prospective Randomized Trial
Talia Chapman, MD, Rothman Institute at Thomas Jefferson University Hospital

Preoperative PROMIS Scores Predict Postoperative Outcome in TSA Patients
Raymond Chen, MD, University of Rochester

Eliminating Opioid Use for Postoperative Pain Management following Soft Tissue Surgery Produces Acceptable Outcomes When Performed Using Wide Awake Local Anesthesia No Tourniquet (WALANT)
David Choueka, BA, State University of New York

A Higher Altitude is an Independent Risk Factor for Venous Thromboembolisms Following Total Shoulder Arthroplasty
Dhanur Damodar, MD, Miller School of Medicine, University of Miami

Revision Total Elbow Arthroplasty Failure Rate by Etiology of Revision
Dennis DeBernardis, DO, Rowan SOM Orthopedic Surgery Residency

Aspirin for Venous Thromboembolism Prophylaxis after Arthroscopic Rotator Cuff Repair
Tara Gaston, DO, Rothman Institute at Thomas Jefferson University Hospital

Can Upper Extremity Surgeon's Accurately Predict Their Patient's Coping Skills?
Max Gehrman, MD, Geisinger Health System

Cartilage Loss from Surgical Treatment of Acute Bony Bankart Lesions
Alexander Greenstein, MD, Univeristy of Rochester

Effect of Upper Extremity Injuries in Elderly Hip Fracture Patients
Jordan Hall, BS, New York University Langone Orthopedic Hospital

Frailty Predicts Complications, Readmission, Reoperation, and LOS after Total Shoulder Arthroplasty
Russell Holzgrefe, MD, Emory University

Risk of Prolonged Opioid Use Is Low After Hand Surgery
Bryan Hozack, MD, Thomas Jefferson University Hospital

Shoulder Adhesive Capsulitis: Epidemiology and Predictors of Surgery
Kiera A. Kingston, MD, University of Chicago Medical Center
Postoperative Complications and Discharge Time in Diabetics Undergoing Shoulder Arthroplasty
Brandon Lung, BS, Stony Brook University

Radial Nerve Palsy Rate and Recovery after Humerus Fractures
John Mangan, MD, Rothman Institute at Thomas Jefferson University Hospital

Prospective Evaluation of Intraoperative Anatomy in De Quervain’s Tenosynovitis Patients
Jonas Matzon, MD, Rothman Institute at Thomas Jefferson University Hospital

Angle of Thumb Adduction: A Novel Diagnostic Tool for DQT
Kathy McGurk, MD, Georgetown University

Factors Associated with High Pain Intensity after Total Shoulder Arthroplasty
Mariano Menendez, MD, New England Baptist Hospital

Ultrasound Guided Carpal Tunnel Release: Early Clinical Results
Tyler Miller, MD, State University of New York

Can Serum D-Dimer Be the Savior for Diagnosing Periprosthetic Joint Infection in Shoulder Arthroplasties?
Alisina Shahi, MD, Oliashirazi Institute at Marshall University

Tourniquet Use Does Not Diminish Satisfaction in Wide-Awake Hand Surgery
Brandon Shulman, MD, NYU Langone Orthopedic Hospital

The Evolution of Shorter Stems in Glenohumeral Arthroplasty
Stephen Weber, MD, Johns Hopkins

Utility of Radiographs in Diagnosing Hill-Sachs and Bankart Lesions: NO NEED for Side Line Pre-Reduction Radiology
David Weiner, MD, Union Memorial Hospital

Hypoalbuminemia Predicts Postoperative Course following Surgery for Distal Radius Fractures
Jacob M. Wilson, MD, Emory University

Acromial Stress Fracture Following Reverse Total Shoulder Arthroplasty
Benjamin Zmistowski, MD, Rothman Institute at Thomas Jefferson University