

EOA 2018 E-Poster Presentations

BASIC SCIENCE

Efficacy, Sensitivity, and Specificity of Procalcitonin in Septic Arthritis and Osteomyelitis: A Systematic Literature Review and Meta-Analysis.

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 Assisted 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, University 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