

2019 EOA E-Poster Presentations

BASIC SCIENCE

627 - Elevation and Simulated Swelling Effect Digital Perfusion in Casted Arms
Brianna R. Fram, MD, Rothman Institute of Orthopedics

538 - Comparison of Unicortical and Bicortical Proximal Screws and Short Plate vs Long Plate in a Distal Femur Fracture Model
Ardalan Sayan, MD, Marshall Orthopedics

169 - Quantitative Determination of Wear Rate in Retrieved Polyethylene Glenoid Components
Peter J. Shaughnessy, MD, Dartmouth-Hitchcock Medical Center

FOOT AND ANKLE

729 - Early Outcomes of 3D Printed Total Talus Arthroplasty
Amanda N Fletcher, MD, MS, Duke University Medical Center

254 - Medial Clear Space Volume as a Measure of Anatomic Reduction of Ankle Fractures
John Marzo, MD, University Orthopaedics and Sports Medicine

HAND/WRIST

257 - Conventional vs. 3D Printed Cast in Pediatric Distal Radius Fractures (A Randomized Controlled Blinded Study)
Lauren E. Banner, BS, Rothman Orthopedics

171 - Effectiveness of Corticosteroid Injections in Diabetic Patients with DeQuervain's Tenosynovitis
Vincent Patrick Buddle, DO, Rowan School of Osteopathic Medicine

265 - Elevated BMI Predicts Increased Intra-Articular Communication in Distal Radius Fractures
Jonathan B. Goodloe, MD, Medical University of South Carolina

194 - Outcomes of a Novel Endoscopic Surgical Technique for Trigger Finger
Ather A. Mirza, MD, Mirza Orthopedics

OTHER

142 - The Effect of State Legislation on Opiate Prescribing Patterns
Fernando Aran, MD, Wake Forest Baptist Health

41 - Who Responds to Genicular Nerve Ablation? Factors Predicting Failure
Andrew Carlone, MD, University of Kentucky

684 - Acute Inpatient Outcomes for the Orthopedic Trauma Patient with Dementia

Shields

Charlotte N. Shields, BS, NYU Langone Orthopedic Hospital

PEDIATRICS

113 - AAOS Appropriate Use Criteria: Management of Supracondylar Humerus Fractures at a Level I Trauma Center

Diana G. Douleh, MD, University of Colorado

175 - Compliance with Rigo-Cheneau Brace and Exercise Program Improves Idiopathic Curves

Brian C. Lynch, BS, MS, MD, Stony Brook University Hospital

345 - Pediatric Femur Fracture Flexible Nailing: Predicting Need for Open Reduction

William L. Shelton, MD, Louisiana State University Health New Orleans

PRACTICE MANAGEMENT

482 - Predictors of Discharge Disposition after Hip Fracture

Katherine Li, MD, Atrium Health Musculoskeletal Institute

356 - Competence Measures for ACGME Meniscus Milestone: Arthroscopic Video Cadaveric Assessment

Alexander E. Loeb, MD, Johns Hopkins University

SHOULDER/ELBOW

740 - Medial Calcar Bone Resorption after Anatomic Total Shoulder Arthroplasty: Does it Affect Outcomes?

Paul DeVito, DO, Holy Cross Orthopedic Institute

468 - Low Additional Morbidity with Open vs Arthroscopic Shoulder Stabilization Procedures

Evan W. James, MD, Hospital for Special Surgery

668 - Correlation of PROMIS with ASES, and Constant in Adhesive Capsulitis

Oluwadamilola O. Kolade, MD, NYU Langone Orthopaedic Hospital

301 - Opioid Free Rotator Cuff Repair

Edwin G. Theosmy, DO, Rowan University School of Osteopathic Medicine

417 - Early Clinical Outcomes of Superior Capsular Reconstruction Compared to Tendon Transfers

Eric R. Wagner, MD, MS, Upper Extremity Center, Emory University

SPINE

233 - Teriparatide Efficacy in Instrumented versus Non-instrumented Posterior Lumbar

Interbody Fusion

Jonathan R. Acosta, BS, Drexel University College of Medicine

595 - Comparing Lumbar Spinal Fusion Perioperative Morbidity and Mortality by Approach
Conor Dunn, MD, St. Joseph's University Medical Center

464 - Complications of Anticoagulation Therapy in Patients with Cervical Fractures
Charles Long, MD, St. Joseph's University Medical Center

545 - Does Hypothyroidism Increase Complications and Cost Following Primary 1- to 2- Level Lumbar Fusion?

Rushabh M. Vakharia, MD, Holy Cross Hospital

SPORTS MEDICINE

136 - Clinical Outcomes following Arthroscopic Shoulder Superior Capsular Reconstruction
Justin M Chan, BA, Hospital for Special Surgery

460 - A Biomechanical Comparison of Intra-Articular versus Extra-Articular Arthroscopic Knot-Tying Techniques

Ryan Hoffman, MD, Albert Einstein Medical Center

478 - Statistical Fragility In The Hip Arthroscopy Literature

Robert L. Parisien, MD, Boston University School of Public Health

114 – History of Spine Surgery Predicts Poor Outcome after Hip Arthroscopy

Anil S. Ranawat, MD, Hospital for Special Surgery

594 - Hip Capsule Biomechanics: Effect of Capsulotomy and Repair on Resistive Capsular Torque

Anil S. Ranawat, MD, Hospital for Special Surgery

TOTAL HIP

534 - Deeper Central Reaming May Enhance Initial Acetabular Shell Fixation

Thomas R Hickernell, MD, Columbia Orthopedics

791 - Improved Component Positioning in Computer-Assisted Birmingham Hip Resurfacing

Tyler Luthringer, MD, NYU Langone Orthopedics

419 - Direct Anterior Approach Total Hip Arthroplasty Using a Morphometrically Optimized Femoral Stem, a Conventional Operating Table, Without Fluoroscopy

Jorge Manrique, MD, Rothman Institute of Orthopaedics

355 - Direct Anterior Approach for Revision Total Hip Arthroplasty

Robert Nugent, DO, Rowan School of Osteopathic Medicine

472 - Undersedation During Total Hip Arthroplasty Reduction Results in Worse Patient Outcomes

Sean P. Ryan, MD, Duke University Medical Center

TOTAL JOINT

479 - Nasal Decolonization with Alcohol Based Sanitizer is Effective at Preventing Surgical Site Infection Following Primary Total Joint Arthroplasty

Phillip A. Bostian, MD, West Virginia University

515 - Is Fever Unnecessarily Delaying Hospital Discharge after Total Joint Arthroplasty?

Andres F. Duque, MD, MSc, Rothman Orthopaedics

68 - The Utilization of Platelet Indices as a Marker of PJI

Taylor Paziuk, MD, The Rothman Orthopaedic Institute

787 - Which of the Recommended Tests Based on the 2018 Definition of Periprosthetic Joint Infection has the Best Performance?

Camilo Restrepo, MD, Cooper University Hospital

TOTAL KNEE

477 - Fast-Track Bilateral Total Knee Arthroplasty: Associated Factors for Early Discharge

Eric J. Buxbaum, DO, Rothman Orthopaedics

557 - Comparing Radiographic Outcomes of Robotic Total Knee Replacement to Manual Instrumentation

Luis Grau, MD, Inspira Health Network

597 - Increased Utilization of Constraint in Total Knee Arthroplasty Following Anterior Cruciate Ligament and Multiligament Knee Reconstruction

Anil S. Ranawat, MD, Hospital for Special Surgery

337 - Comparison of Spinal and General Anesthesia in Total Knee Arthroplasty

Smitha Vellanky, MSc, Musculoskeletal Outcomes Institute

158 - A CT Based Alignment Measurement Technique for Computer-guided Total Knee Arthroplasty

Jingwei Zhang, PhD, MBA, Stryker

TRAUMA

706 - Age Stratified Complications and Mortality Following Hip Replacement Versus Hemiarthroplasty

Alexander Lieber, BA, Drexel University College of Medicine

12 - The Ankle-Ankle Index: A Valuable Vascular Assessment Tool in Lower Extremity Trauma
David Macknet, MD, Atrium Health/Ortho Carolina

144 - Long-Term Radiation Safety Profiles of X-Rays After Undergoing Femoral Intramedullary Nailing
John M. Reynolds, MD, Temple University Hospital

786 - Hardware Removal Due to Infection after Open Reduction and Internal Fixation: Trends and Predictor
Shaun Rowe, PA, Cooper University Hospital

2 - Association between Low Energy Distal Femur Fractures and Proximal Tibia Fixation
Garret L. Sobol, MD, Rutgers NJMS

129 - Clinical Results of Acetabular Fracture Fixation Using a Focal Kocher-Langenbeck Approach without a Specialty Traction Table
Kareem Shaath, MD, University of Texas Health Science Center at Houston

305 - Florida Legislation Successfully Decreases Narcotic Use in Orthopaedic Trauma Patients at a Level I Trauma Center
Porter F. Young, MD, University of Florida, Jacksonville

TUMOR

28 - Vascularized Fibula Grafts in Mobile Spine Reconstruction following Tumor Resection
Michiel E.R. Bongers, MD, Massachusetts General Hospital

689 - A Cross-Species Personalized Medicine Pipeline Identifies the CRM1 Export Pathway as a Potentially Novel Treatment for Osteosarcoma
Alexander L. Lazarides, MD, Duke University Medical Center

275 - A Multicentered RCT of Negative Pressure Dressings for Irradiated Soft Tissue Sarcoma Wounds
Sophia A. Traven, MD, Medical University of South Carolina

UPPER EXTREMITY

592 - Complications from Modifiable Risk Factors in Upper Extremity Orthopaedic Surgery
Dominick V. Congiusta, MPH, BS, Rutgers New Jersey Medical School

745 - Correlation and Consistency of Levine Glenoid Classification between Axillary Radiographs and Axial CT Scan
Paul DeVito, DO, Holy Cross Orthopedic Institute

172 - An Electrodiagnostic Based Grading System for Cubital Tunnel Syndrome

Cory M. Lebowitz, BS, DO, Rowan University School of Osteopathic Medicine