EOA E-Poster Presentations

Station A

Basic Science

Poster 1
Intraoperative Fluorescence Improves Nerve Visualization during Revision Surgery in Mice
Rebecca Glasser, BA, Johns Hopkins School of Medicine

Poster 2
Cytotoxicity Profile of Chlorhexidine Gluconate on Human Fibroblasts, Myoblasts, and Osteoblasts
James X. Liu, MD, NYU Hospital for Joint Diseases

Poster 3
Evaluation of TRB-N0224, Chemically Modified Curcumin for Treatment of Osteoarthritis
Ryan A. Nixon, MD, Northwell Health

Total Hip

Poster 4
Complications Following Total Hip Arthroplasty in the Elderly
Anthony J. Boniello, MD, Drexel University College of Medicine

Poster 5
Primary vs. Conversion Total Hip Arthroplasty: Cost and Perioperative Comparisons
Marcus DiLallo, BA, Duke University
*Presented by Cary S. Politzer, BS

Poster 6
Results of Head/Liner Exchange with the Direct Anterior Approach
Brian P. Gladnick, MD, OrthoVirginia

Poster 7
Outcomes Of Direct Anterior Total Hip Arthroplasty (DA-THA) In Elderly Population
Neel Gupta, MD, Hahnemann University Hospital/Drexel University College of Medicine

Poster 8
Birmingham Hip Resurfacing versus Total Hip Replacement: A Matched-Pair Comparison
Victor R. Ortiz-Declet, MD, American Hip Institute

Poster 9
Survivorship of Revision of Metal-on-Metal Total Hip Arthroplasty
Danielle Y. Ponzio, MD, Hospital for Special Surgery
**Poster 10**  
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*

**Poster 11**  
Decreased Incidence of Impingement in Dual Mobility vs. Fixed Bearing Liners: A Retrieval Study  
*Geoffrey H. Westrich, MD, Hospital for Special Surgery*

**Poster 12**  
Capsular Healing after Anterior Total Hip Arthroplasty: An MRI Study  
*Carlos A. Williams, MD, Lenox Hill Hospital*  
*Presented by Zachary P. Berliner, MD*

**Station B**

**Pediatrics**

**Poster 13**  
Prolonging Molding Time during Fiberglass Cast Application – An In-Vitro Study  
*Mark Ayzenberg, MD, Einstein Healthcare Network*

**Poster 14**  
Neonatal Osteoarticular Infections: An Orthopedic Nightmare  
*Barbara Minkowitz, MD, Goryeb Childrens Hospital, Atlantic Health Systems*

**Poster 15**  
Evaluating the Use of an Electronic Inclinometer in Correcting Rotational Disorders  
*Ishaan Swarup, MD, Hospital for Special Surgery*

**Total Knee**

**Poster 16**  
Combined Surgical APGAR – ASA Score Predicts 90-day Readmission in TJA  
*Daniel E. Goltz, BS, Duke University School of Medicine*

**Poster 17**  
Range of Motion in Total Knee Arthroplasty after Manipulation under Anesthesia  
*Erin Honcharuk, MD, Rutgers-Robert Wood Johnson Hospital*

**Poster 18**  
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

**Poster 19**  
Irrigation and Debridement for Early Periprosthetic Knee Infection: Is it Effective?  
Rajkishen Narayanan, MS, NYU School of Medicine  
*Presented by Afshin A. Anoushiravani, MD

**Poster 20**  
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

**Poster 21**  
Diabetes and Total Joint Arthroplasty: Post-Operative Infections and Risk Assessment  
Sean Ryan, MD, Duke University Hospital

**Poster 22**  
Antibiotic Holiday Prior to Reimplantation May Not Be Needed  
Timothy L. Tan, MD, Rothman Institute

**Upper Extremity**

**Poster 23**  
MRI Is Cost Effective to Diagnose Treatment in Tennis Elbow  
Yonaton G. Keschner, MD, Orthopaedic Foundation

**Poster 24**  
Case-To-Case Factors Affecting Operating Room Turnover Time  
Andrew Mo, MD, Lenox Hill Hospital

**Poster 25**  
Medial Collateral Ligaments: Initial Site Of Rupture In Elbow Dislocations  
Jeffrey G. Stepan, MD, MSc, Hospital for Special Surgery

**Poster 26**  
Misdiagnosis and Radial Tunnel Syndrome: What about the Distal Biceps?  
Jacob M. Wilson, MD, Emory University  
*Presented by Robert Runner, MD

**Station C**

**Other**
**Poster 27**
The Landscape of Female Orthopedic Surgeons: What is the Distribution across the United States?
*Talia Chapman, MD, Rothman Institute at Thomas Jefferson University*

**Poster 28**
Predicting Pulmonary Embolism in Total Joint Arthroplasty Patients
*Kevin K. Chen, MA, NYU Hospital for Joint Diseases*
*Presented by Afshin A. Anoushiravani, MD*

**Poster 29**
Publication Misrepresentation among Orthopaedic Residency Applicants
*Samuel D. Cook, BA, Drexel University College of Medicine*

**Poster 30**
The Affordable Care Act and Orthopedics: Insurance and Physician Access
*Giacomo Cappelleti, MD, Maimonides Medical Center*
*Presented by Nicholas Yohe, MD*

**Poster 31**
Feasibility of Alignment Correction of Large Varus Deformities during UKA
*Laura J. Kleeblad, MD, Hospital for Special Surgery*

**Poster 32**
Provider-Initiated Patient Satisfaction Reporting Yields Improved Physician Ratings Relative to Commercial Online Rating Websites
*Benjamin F. Ricciardi, MD, University of Rochester*

**Spine**

**Poster 33**
Occipital Condyle Morphology: A CT-Based Analysis of 500 Condyles
*Kenneth Foxx, MD, University of Rochester Medical Center*
*Presented by Adan Omar, MD*

**Poster 34**
Spinal Fusion Trends In Neurofibromatosis: A Nationwide Analysis
*Etka Kurucan, BA, University of Rochester School of Medicine & Dentistry*
*Presented by Adan Omar, MD*

**Poster 35**
T1 Tilt/Clavicle Angle: Best Predictors of Postoperative Shoulder Balance?
*Andrew S. Lee, MD, Northwell Health*

**Poster 36**
Spinal Cord Injuries in Geriatric Population: Etiology, Management, and Complications
Addisu Mesfin, MD, University of Rochester
*Presented by Karan Arul, BS

**Poster 37**
Microfracture Augmentation Techniques For Chondral Defects: A Review Of Literature
Khoa B. Nguyen, BS, Nirschl Orthopaedic Center
*Presented by Ronald Paik, MD

**Poster 38**
The Impact of Insurance Coverage on Access to Orthopedic Spine Care
Dale N. Segal, MD, Emory University

**Station D**

**Trauma**

**Poster 39**
Determinants of Length of Stay Following Surgically Treated Femur Fractures
Matthew Aizpuru, BA, Emory School of Medicine
*Presented by Robert Runner, MD

**Poster 40**
Relationship Between GCS and Management of Isolated Open Fibula Fractures
Nisha N. Branch, MD, MPH, Kingsbrook Jewish Medical Center

**Poster 41**
Distal Femur Fractures Treated by Arthroplasty Compared to Osteosynthesis
Foster Chen, MD, Montefiore Medical Center
*Presented by Alan Job

**Poster 42**
Posterior Malleolar Fixation: Does It Matter?
Derek J. Donegan, MD, University of Pennsylvania
*Presented by Thomas Rose, BS

**Poster 43**
Fractures Associated with Jet Ski Usage
Chester John Donnally III, MD, University of Miami Hospital

**Poster 44**
Patient Understanding and Perceptions of Overlapping Orthopaedic Trauma Surgery
Cody L. Evans, MD, University of Virginia
*Presented by David B. Weiss, MD
**Poster 45**
Unique Consideration of Fracture Morphology and Axial Skeleton Injuries in Bilateral Calcaneus Fracture
*John S. Hwang, MD, Carolinas Medical Center*
*Presented by M. Kareem Shaath, MD*

**Poster 46**
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*

**Poster 47**
Autogenous Iliac Crest Bone Grafting of Long Bone Nonunions in the Elderly: Is It Feasible?
*Abdullah Qatu, BSE, Hospital for Joint Diseases*

**Poster 48**
Core Muscle Fatty Atrophy: A Marker for Frailty and Increased Complications in Orthopaedic Trauma Patients
*Mara Schenker, MD, Emory University*
*Presented by Robert Runner, MD*

**Poster 49**
Meta-Analysis of Treatment and Mobilization Following Extensor Mechanism Rupture
*Joseph Serino, BS, Georgetown University School of Medicine*

**Station E**

**Foot & Ankle**

**Poster 50**
Supine Achilles Repair Decreases Total Operating Room and Anesthesia Time
*David Beck, MD, Thomas Jefferson University Hospital*

**Poster 51**
Arthroscopic Intra-Articular Findings during Ankle Fracture Repair, A Retrospective Review
*Peter L. Cohn, MD, Georgetown University Hospital*

**Poster 52**
Total Ankle Arthroplasty: Analysis of Motion and Functional Outcomes
*Benjamin A. Hendy, MD, Thomas Jefferson University Hospital*
*Presented by Brian S. Winters, MD*

**Poster 53**
A Comparison of Pre- and Post-Operative Activity Levels Following Ankle Arthrodesis
*Brian Traub, BA, Emory University School of Medicine*
Sports Medicine

Poster 54
Management of Meniscal Tears in Middle Aged Patients
William P. Bassett, MD, Rutgers, Robert Wood Johnson

Poster 55
Single Sport Specialization in Youth Sports
Patrick S. Buckley, MD, Sidney Kimmel Medical College at Thomas Jefferson University
*Presented by Michael C. Ciccotti, MD

Poster 56
Impact of Baseline Shoulder Outcome Measures with Patient Comorbidities
Steven DeFroda, MD, ME, Brown University
*Presented by Sheena Amin, BS

Poster 57
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

Poster 58
Trends and Risk Factors for One-Year Complication of Latarjet Procedure
Albit R. Paoli, BS, NYU Hospital for Joint Diseases

Poster 59
Risk Factors for Contralateral ACL Reconstruction – A Case-Control Study
Todd Pierce, MD, Seton Hall University School of Health and Medical Sciences

Poster 60
Single-Bundle ACL Reconstruction: Creating Native Footprint with Transtibial Drilling
Kevin D. Plancher, MD, Albert Einstein College of Medicine

Poster 61
Impact of Clavicle Fractures on NFL Athletes' Return and Performance
Darshan Vora, BS, The George Washington University School of Medicine & Health Sciences

Poster 62
The Impact Of Socioeconomic Factors On Outcomes Following Anterior Cruciate Ligament Reconstruction
Michael A. Zacchilli, MD, NYU Hospital for Joint Diseases
*Presented by Hien Pham, MD