

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-Declat, 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 Cappelletti, MD, Maimonides Medical Center

**Presented by Nicholas Yohe, MD*

Poster 31

Feasibility of Alignment Correction of Large Varus Deformities during UKA

Laura J. Kleebblad, 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

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

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

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

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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

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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*