

EOA 2021 E-Poster Presentations

STATION A (*Broadway Ballroom A*)

Basic Science

Poster 1

182 - Nanowarming by Inductive Heating of Vitrified Large Articular Cartilage Specimens
Jonathan B. Goodloe, MD, Medical University of South Carolina

Poster 2

56 - Bone Health in Pediatric Fracture Patients: A DEXA Study
Barbara Minkowitz, MD, Morristown Medical Center, Atlantic Health System

Foot & Ankle

Poster 3

894 - WBCT Can Effectively Diagnose Syndesmotic Instability in Patients with Weber B Lateral Malleolar Fractures
Rohan Bhimani, MD, MBA, Massachusetts General Hospital

Poster 4

286 - Influence of First Metatarsophalangeal Degenerative Changes on Outcomes Following Hallux Valgus Correction
Daniel O. Corr, BS, Rothman Orthopaedic Institute
**Presented by Ryan G. Rogero, MD*

Poster 5

30 - Telemedicine Foot and Ankle Visits in the COVID-19 Era
Rahul K. Goel, MD, Emory University

Poster 6

364 - Surgical Treatment of Talar Osteochondral Lesion and Return to Sports: The Emory Experience
Andrew M. Schwartz, MD, Emory University
**Presented by Sameh A. Labib, MD*

Poster 7

502 - An Anatomical Imaging Study of the Lateral Dorsal Cutaneous Nerve
Vrajesh J. Shah, BS, University of California, San Diego

Hand & Wrist

Poster 8

960 - Fixation of Volar Ulnar Corner in Distal Radius Fractures: A Comparative Study
Jason Chan, MD, Rutgers New Jersey Medical School

Poster 9

396 - The Role of Proximal Locking Screws in Distal Radius Fixation
Leland Gossett, MD, University of Rochester Medical Center
**Presented by Bowen Qiu, MD*

Poster 10

941 - Nitinol Compression Staples in the Treatment of Scaphoid Waist Nonunion
Adam M. Kurland, BA, Rutgers NJMS

Poster 11

315 - Radiographic Edema is a Predictor of De Quervain's Tendonitis
Joseph E. Massaglia, DO, Rowan School of Osteopathic Medicine

Poster 12

523 - Relationship of Pain and Strength in Thumb Basal Joint Arthritis: A Prospective Observational Study
Kelly Mead, MD, Dartmouth Hitchcock Medical Center

Poster 13

391 - Declining Reimbursement or Runaway Charges? Medicare Payment for Distal Radius Fixation
Suresh K. Nayar, MD, Johns Hopkins University

Poster 14

193 - Surgical Treatment of Distal Radius Fractures in Patients Over 80 Years of Age: Functional and Radiographic Outcomes
Lili Schindelar, MD, MPH, Rothman Institute at Thomas Jefferson University
**Presented by Jack G. Graham, MD*

Poster 15

455- Presenting PROMIS Scores Predict Treatment Selection for De Quervain's Tenosynovitis
Gilbert S. Smolyak, University of Rochester

Poster 16

453 - Patient Comprehension of Operative Instructions with a Handout vs. Video
Amr M. Tawfik, BA, Rothman Orthopaedic Institute

Poster 17

831 - A Prospective Evaluation of the Prevalence of Persistent Median Artery in Patients with Carpal Tunnel Syndrome
Clay Townsend, BS, Rothman Institute

Upper Extremity

Poster 18

884 - Trends in Industry Payments to Orthopaedic Hand Surgeons
Tej Joshi, MD, Rutgers Health - New Jersey Medical School

STATION B (*Broadway Ballroom B*)

Other

Poster 19

302 - Recreational Marijuana Use and Two-Year Outcomes after Orthopaedic Surgery

Fernando Albelo, BS, University of Maryland

**Presented by Matheus Schneider, BS*

Poster 20

569 - The Use of Negative Pressure Wound Therapy Among US Veterans; A Retrospective Analysis of 71,872 Patients

Mohamed E. Awad, MD, MBA, Southwest Michigan Innovation Center

Poster 21

703 - High Patient Satisfaction in the Midst of the COVID-19 Pandemic

Miranda Czymek, BS, Rothman Orthopaedic Institute

**Presented by Nicholas J. Minissale, DO, MS*

Poster 22

902 - Predictors of High-Dose Initial Opioid Prescriptions in Primary Osteoarthritis

Charles A. Johnson, MD, Medical University of South Carolina

Poster 23

821 - Perioperative Outcomes Comparing General and Neuraxial Anesthesia in Orthopedic Surgery

Ellen E Lutnick, BS, University at Buffalo Jacobs School of Medicine and Biomedical Sciences

Poster 24

130 - The Effect of a Natural Oral Nutritional Supplement on the Level of Intra-Articular Inflammatory Mediators in Patients with Osteoarthritis of the Knee

Noam Shohat, MD, Rothman Orthopaedic Institute

**Presented by Javad Parvizi, MD*

Pediatrics

Poster 25

231 - Incidence of Urinary Retention following Posterior Spinal Fusion for Adolescent and Pediatric Scoliosis at a Single Academic Center: Is There a Role for Prophylactic Tamsulosin?

Georges Abdelahad, BS, Wake Forest School of Medicine

Poster 26

339 - Long vs. Short Leg Casts for Pediatric Transitional Ankle Fractures

Jane Benson, MD, Nemours

**Presented by Kevin M. Neal, MD*

Poster 27

737 - Clinical Factors of Physeal Bars Following Distal Tibia Fractures
Carsen R. Cash, BS, Vanderbilt University School of Medicine

Poster 28

738 - Premature Physeal Closure Indicators in Distal Tibia Salter-Harris II Fractures
Carsen R. Cash, BS, Vanderbilt University School of Medicine

Poster 29

335 - Most Blood Loss Occurs After Surgery for Adolescent Idiopathic Scoliosis
Joshua M. Kolz, MD, Nemours
**Presented by Kevin M. Neal, MD*

Poster 30

245 - Body Mass Index as an Independent Predictor Preventing Early Return to School following Posterior Spinal Fusion for Adolescent Idiopathic Scoliosis
Katheen A. Marsh, BS, Wake Forest School of Medicine

Poster 31

201 - Youth Wrestling Injuries Sustained During Saturday Competitions Associated with Delayed Presentations to Emergency Departments
Kevin Pirruccio, BA, Perelman School of Medicine at the University of Pennsylvania

Poster 32

659 - Supracondylar Humerus Fractures in Children
Daniela Rocha, MD, Geisinger Medical Center
**Presented by Daniel Hayes, BS*

Poster 33

388 - Very Low Dose Image Guidance Protocols for Scoliosis Surgery
Mohamed Salar, MD, University of Florida Health Jacksonville
**Presented by Kevin M. Neal, MD*

Poster 34

848 - Do We Need MRI Scans before Surgery for Idiopathic Scoliosis?
Cody Sanderson, MD, Nemours
**Presented by Kevin M. Neal, MD*

Poster 35

249 - SLIC Utility in Children with Traumatic Subaxial Cervical Spine Fractures
Kelly Vittetoe, BS, Vanderbilt University School of Medicine
**Presented by Katherine D. Sborov*

Tumor

Poster 36

782 - Reliability and Accuracy in Radiographic Measurements of Musculoskeletal Tumors
Alec Kellish, BS, Cooper Medical School of Rowan University

STATION C (*Broadway Ballroom C*)

Shoulder & Elbow

Poster 37

214 - Mid-Term Survivorship of Arthroscopic Elbow Debridement: Post-Traumatic vs. Degenerative Osteoarthritis

Dennis DeBernardis, DO, Rowan School of Osteopathic Medicine

**Presented by Adam J. Santoro, DO*

Poster 38

279 - Predictors of PROMIS Physical Function Two Years after Shoulder Surgery

Gregory Perraut, BS, University of Maryland

**Presented by Matheus Schneider, BS*

Poster 39

287 - Comparison of TSA RVU Rates for Osteoarthritis and Humerus Fractures

Theodore Quan, BS, George Washington University

Poster 40

650 - Intraoperative Fractures in Shoulder Arthroplasty: Risk Factors and Outcomes

Colleen M. Wixted, Duke University School of Medicine

Poster 41

532 - Opioid Use After Shoulder Instability Surgery: A Retrospective Review

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

**Presented by Alexander M. Dawes, BS*

Spine

Poster 42

815 - Rates of Achieving Meaningful Outcomes and Clinical Success One-Year after Undergoing Far Lateral Tubular Decompression

Ameen Barghi, MD, MPP, Wake Forest

Poster 43

269 - PEEK vs. Titanium Cages in Transforaminal Lumbar Interbody Fusion: A Two-Year Follow-Up Study with Clinical and Radiological Outcomes

Daniel Coban, MD, St. Joseph's University Medical Center

Poster 44

114 - Outcomes after Arthroscopic Assisted Lower Trapezius Transfer: A Retrospective Study

Aman Chopra, MedStar Union Memorial Hospital

Sports Medicine

Poster 45

760 - Addition of IPACK Nerve Block Decreases Opioid Requirements following ACL Reconstruction

Brian D. Batko, MD, Rutgers New Jersey Medical School

Poster 46

544 - Outcomes after OCA and ACI for Articular Cartilage Defects

Joseph M. Brutico, BS, Rothman Institute

Poster 47

587 - Groin-Related Complications following Hip Arthroscopy with vs. without a Perineal Post

Iciar M. Davila Castrodad, MD, St. Joseph's University Medical Center

**Presented by Matthew J. Kraeutler, MD*

Poster 48

160 - 81-mg vs. 325-mg Aspirin VTE Chemoprophylaxis for Knee Arthroscopy

Aman Chopra, MedStar Union Memorial Hospital

Poster 49

965 - Risk Factors Associated with Complications after Multiligament Knee Surgery

Jayson Lian, MD, Montefiore Medical Center

Poster 50

943 - Pitching Kinematic Correlates for Elbow Injury in Professional Pitchers

Joseph E. Manzi, Weill Cornell Medicine

Poster 51

171 - Fragility Analysis of the Patellofemoral Instability Literature: A Systematic Review

Robert L. Parisien, MD, University of Pennsylvania

Poster 52

682 - Evaluation of Rotator Cuff Repair with vs. without Biceps Treatment

Ryan W. Paul, BS, Rothman Orthopaedic Institute

Poster 53

749 - Failure Rates and Functional Outcomes of Allograft and Autograft Bone-Patellar Tendon-Bone (BPTB) Anterior Cruciate Ligament Reconstruction in Patients <30 Years Old – Allograft Source and Decelerated Rehab are Essential

Kevin D. Plancher, MD, MPH, MS, Albert Einstein College of Medicine

STATION D (*Broadway Ballroom D*)

Practice Management

Poster 54

913 - Mental Health Comorbidities: Effect on Healthcare & Opioid Utilization after ALCR
Rebecca M. Haley, BA, Emory University School of Medicine

Poster 55

312 - Public Perceptions and Expectations of Opioid Use following Orthopaedic Surgery
James A. McIntyre, MD, Tufts Medical Center

Total Joint

Poster 56

777 - Increased Opioid Consumption for Cancelled Arthroplasty Patients during COVID-19 Pandemic
Emanuele Chisari, MD, Rothman Orthopaedic Institute

Poster 57

440 - Do New Hospital Price Transparency Regulations Reflect Value in Arthroplasty?
Taylor D'Amore, MD, Rothman Orthopaedic Institute
**Presented by Graham S. Goh, MD*

Poster 58

342 - Anemia is Correlated with 30-Day Complications following Revision Arthroplasty
Safa C. Fassih, MD, George Washington University
**Presented by Amil R. Agarwal, BA*

Poster 59

728 - Can Next-Generation Sequencing Predict Treatment Failure for Periprosthetic Joint Infection?
Karan Goswami, MD, Rothman Orthopaedic Institute

Poster 60

867 - Do Engagement Platforms in Total Joint Arthroplasty Improve Patient-Reported Outcomes?
Andy Holte, MD, Dartmouth Hitchcock Medical Center

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555 - Machine Learning Model Aid for Outpatient Arthroplasty Patient Selection
Cesar D. Lopez, BS, Columbia Orthopedics

Poster 62

744 - Risk Factors Associated with Conversion of Lateral UKA to TKA
John H. Matthews, MD, Wake Forest Baptist Health

Poster 63

873 - Staphylococcus lugdenensis in PJI: Operative Management and Treatment Success
Francis J. Sirch, BS, Rothman Orthopedic Institute
**Presented by Emanuele Chisari, MD*

Poster 64

754 - Total Joint Arthroplasty Using an Alternative to Opioids (ALTO) Multimodal Pain Protocol

Thomas A. Novack, MD, St. Joseph's University Medical Center

**Presented by Sydney M. Fasulo, MD*

Poster 65

621 - The Role of Leukocyte Esterase Test in Culture Negative Periprosthetic Joint Infections

Ali Oliashirazi, MD, Cooper University Hospital

**Presented by Alisina Shahi, MD, PhD*

Poster 66

632 - Safety of HTX-011 as the Foundation of a Postoperative Multimodal Analgesia Regimen in Patients \geq 65 Years Old

Alan Rechter, MD, Heron Therapeutics

Poster 67

623 - Serum ESR and CRP are Not Reliable Markers for Screening/Diagnosing PJI

Camilo Restrepo, MD, Cooper University Hospital

**Presented by Alisina Shahi, MD, PhD*

Poster 68

478 - Radiographic Films are Frequently Repeated at the Initial Orthopaedic Visit

Michael F. Yayac, MD, Rothman Institute

**Presented by Arjun Saxena, MD, MBA*

Poster 69

491 - Non-Inferiority of Increased Betadine Concentration for Irrigation following Primary TJA

Yoav S. Zvi, MD, Montefiore Medical Center

STATION E (*Broadway Ballroom G*)**Total Hip****Poster 70**

963 - Outcomes of Total Hip Arthroplasty in Academic vs. Community Hospitals

Shayan Hosseinzadeh, MD, Newton-Wellesley Hospital

Poster 71

12 - Custom Triflange Cups: 20-Year Experience

Robert A. Sershon, MD, Anderson Orthopaedic Research Institute

Poster 72

210 - Factors Predicting "Dry Taps" in Patients with Total Hip Arthroplasty

Justin M. Ong, NYU Langone Health

**Presented by Katherine A. Lygrisse, MD*

Poster 73

344 - Bariatric Surgery and Complications following THA: A Matched Cohort Analysis

Alex Gu, BS, George Washington School of Medicine and Health Sciences

**Presented by Amil R. Agarwal, BA*

Poster 74

707 - Depression following THA is Associated with Decreased Early Ambulation Distance

Jamie Heimroth, MD, Long Island Jewish Medical Center

**Presented by Nipun Sodhi, MD*

Total Knee

Poster 75

627 - Incorporating Intraoperative Acupuncture to Reduce Opioid Usage after TKA

Michael P. Ast, MD, Hospital for Special Surgery

Poster 76

180 - Morbid Obesity Does Not Increase Risk of Re-Operation in TKA

Benjamin J. Levens, MD, BS, Montefiore Medical Center

Poster 77

918 - Tourniquet Use is Associated with Improved Outcomes in Aseptic Revision TKA

Joshua Rozell, NYU Langone Orthopedic Hospital

**Presented by Katherine A. Lygrisse, MD*

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745 - Metaphyseal Cones Outperform Sleeves at Intermediate-Term Follow-Up in Revision TKA

Ilan Small, Rothman Orthopaedic Institute

Poster 79

663 - Does Resilience Correlate with Functional Outcomes following Unicompartmental Knee Arthroplasty?

Julian A. Zangrilli, DO, Rowan School of Medicine

Trauma

Poster 80

189 - Anterior Femoral Cortex Impingement and Perforation in Cephalomedullary Nailing

Ian D. Engler, MD, Tufts Medical Center

**Presented by J. Alexander McIntyre, MD*

Poster 81

673 - Distal Humerus Traction Radiographs: Inter- and Intra-Observer Reliability Compared

with Computed Tomography

Joseph D. Galloway, MD, Rutgers New Jersey Medical School

Poster 82

668 - Mid-Term Post Traumatic Stress Disorder after Orthopaedic Trauma in the Civilian

Population: Prevalence and Risk Factors

Micaela A. LaRose, BA, Duke University School of Medicine

**Presented by Ariana Paniagua, BA*

Poster 83

833 - Orthopaedic Surgeries in the National COVID Cohort Collaborative (N3C)

Eli B. Levitt, MS, University of Alabama at Birmingham

**Presented by Alex Mihas, BS*

Poster 84

112 - Outcomes of Patients with Bleeding Disorders Following Hip Fracture Surgery

Ghulam Saadat, MD, Cook County Health

**Presented by Aria Darbandi, BS*