

2023 E-Poster Presentations (101)

BASIC SCIENCE

642 - Effects of Amniotic Fluid Stem Cell Conditioned Media for Treating PTOA in a Rat Model
Marcel Brown, MD, Wake Forest University School of Medicine

333 - Blood Does Not Inactivate Povidone-Iodine Irrigation Solution
Saad Tarabichi, MD, Rothman Orthopaedic Institute

207 - Nasal Microbiome and the Effect of Nasal Decolonization.
Diana Fernández-Rodríguez, MD, Rothman Orthopaedic Institute

661 - Ultrasound Shear Wave Metric for Assessing Flexor Tendon Healing: A Preliminary Cadaver Study
Gilbert S. Smolyak, University of Rochester

FOOT & ANKLE

43 - Outcomes after Total Ankle Arthroplasty with a Ten-Year Minimum Follow-Up
Kian Bagheri, BA, Duke University School of Medicine
**Presented by Alexis L. Clifford, BS*

66 - Are there Radiographic Fracture Characteristics of a Distal Tibial Shaft Spiral Fracture that Play a Role in Determining Posterior Malleolar Involvement?
Quincy T. Cheesman, DO, Rowan University School of Osteopathic Medicine / Rothman Orthopaedic Institute

580 - The Surgical Learning Curve for Minimally-Invasive Percutaneous Zadek Osteotomy
SarahRose Hall, BA, University of South Carolina School of Medicine

778 - Assessing Risk Factors of VTE for Elective Foot and Ankle Surgeries
Kevin Y. Heo, BS, Emory University School of Medicine

664 - Comparison of Patient Demographics & Risks of Readmissions Following ORIF for Bimalleolar Ankle Fractures
Julian Hylton, Morehouse School of Medicine

363 - Increased Hospital Length of Stay for Obesity Class II and III Patients after Primary Total Ankle Arthroplasty: A NSQIP Analysis
Billy Kim, BA, Duke University School of Medicine

755 - HXPLE Wear in Total Ankle Arthroplasty at Mean Seven-Year Follow-up
Joseph McCahon, DO, Jefferson Health New Jersey
**Presented by Joseph N. Daniel, DO*

551 - Analyzing Demographics and Outcomes in Operative Treatment of Charcot Neuroarthropathy

Michaela Pitcher, BS, Penn State College of Medicine, Hershey, PA

449 - Fusion Rates in Tibiotalocalcaneal Arthrodesis with Tantalum Coated Metal Cup Augmentation

Vineeth Romiyo, BS, Cooper University Hospital

28 - Varying Distance between Suture-Endobuttons does not Improve Cadaveric Syndesmoti Stability

Taylor P. Stauffer, BS, Duke University

29 - Suitability of a Laterality-Based Cadaver Model to Assess Syndesmoti Stability

Taylor P. Stauffer, BS, Duke University

599 - Utilization of MRI for Ankle Sprains by Insurance Type

Thompson Zhuang, University of Pennsylvania

29 - Suitability of a Laterality-Based Cadaver Model to Assess Syndesmoti Stability

Taylor P. Stauffer, BS, Duke University

HAND & WRIST

46 - Hand Intrinsic Tendons in Saddle Syndrome: A Cadaveric Study

Benjamin R. Campbell, MD, Rothman Orthopaedic Institute at Thomas Jefferson University

OTHER

668 - Epidemiologic Trends in Hand Injuries in the National Football League

Victoria E. Bergstein, BA, Johns Hopkins University School of Medicine

557 - Orthopaedic Surgery Journal Authorship: Trends in Author Gender by Subspecialty

Caitlin Grant, BS, Duke University Medical Center

606 - Psychological Predictors of Hip Surgery Incidence and Postoperative Opioid Prescriptions

Kent Sutton, BA, Duke University School of Medicine

752 - Physical Therapy Compliance When Prescribed for Primary and Postoperative Treatment

Adrian Torres, BS, Renaissance School of Medicine at Stony Brook University

SPINE

370 - Elective Cervical Corpectomy and Fusion, Should Albumin be Used to Counsel Patients?

Stephen R. Barchick, MD, University of Pennsylvania

798 - The Effects of Unexpected Billing in Spine Surgery

Matthew Meade, Rowan SOM/Jefferson NJ

326 - Safety and Efficacy of Cervical Disc Arthroplasty in Obese Patients

Neil Patel, MD, St. Joseph's University Medical Center

SPORTS MEDICINE

412 - Platelet-Rich Plasma Treatment Protocols for Partial Ulnar Collateral Ligament Tears

George T. Asham, MD, Cooper Bone and Joint Institute

683 - Jump Landing Symmetry after ACL Reconstruction with Quadriceps Tendon Autograft

Rachel E. Chernelstein, BS, Inova

678 - Lowered Physical Activity after ACL Reconstruction Decreases Quality of Life

Rachel E. Chernelstein, BS, Inova

411 - Defining the Substantial Clinical Benefit and Identifying Predictors for Achievement Following Revision Hip Arthroscopy at a Minimum Two-Year Follow-Up

Benjamin G. Domb, MD, American Hip Institute

209 - The Relationship between Medical Comorbidities and Complications after Hip Arthroscopy

Sydney M. Fasulo, MD, St. Joseph's University Medical Center

**Presented by George Abdelmalek, BA*

426 - Patient-Reported Allergies are Associated Postoperative Stiffness after Rotator Cuff Repair

Zachary Li, BA, NYU Langone Health

208 - Chronic Steroid Use Increases the Readmission Risks after Hip Arthroscopy

Ryan Marder, St. Joseph's University Medical Center

**Presented by Stuart Changoor, MD*

785 - A Systematic Review of Two Prominent Treatments of Athletic Pubalgia

Jonathan McKeeman, MD, MBA, St. Luke's University Hospital

497 - Outcomes of Young Obese Patients following Full-Thickness Rotator Cuff Tears

Ebunoluwa Olawole, BA, Cooper Bone and Joint Institute

562 - Return to Sport and Reinjury Rates in Young Athletes Undergoing Primary Quadriceps Tendon Autograft ACL Reconstruction: Systematic EMR Query with Cross-Referenced Validation Survey

Camryn B. Petit, BS, Emory University School of Medicine

171 - Intraoperative Traction has a Negligible Time-Dependent Influence on PROMs after Hip Arthroscopy: A Cohort Study

Anil S. Ranawat, MD, Hospital for Special Surgery

699 - THA Length of Stay Trends following the Inpatient-Only List Removal
Joshua G. Sanchez, BA, Yale School of Medicine

438 - Humeral Head Fresh Osteochondral Allograft Transplantation for Hill-Sachs Lesions
Ian S. Savage-Elliott, MD, Ochsner Medical Center, NYU Langone Health
**Presented by Michael Buldo-Licciardi, BA*

156 - TikTok, #kneepain, and Medical (Mis)Information
Alexandra M. Selberg, MA, Rutgers New Jersey Medical School

766 - Predilection of Patellofemoral Arthritis in Patients with Posterior Medial Meniscal Root Lesions
Sabrina Strickland, MD, Hospital for Special Surgery
**Presented by Rachel A. Loyst, BS*

255 - Impact of Investigators' Sex in Sports Medicine: A Systematic Review
Jordan Windsor, Rothman Orthopaedic Institute

TOTAL HIP

707 - Decreased Subsidence in a Diaphysial Engaging Wagner Style Modular Stem
James Germano, MD, Orlin & Cohen Medical Group

119 - Direct Anterior THA Yields Improved Early Clinical and Patient-Reported Outcomes
Andrea H. Johnson, MSN, CRNP, Luminis Health Anne Arundel Medical Center

774 - Do Cementless, Collared Stems Prevent Aseptic Loosening, Subsidence and Periprosthetic Fracture in Total Hip Arthroplasty?
Angelo Mannino, MD, Lenox Hill Hospital, New York, New York

458 - Collared vs. Collarless Stems in Primary Total Hip Arthroplasty
Ruba Sokrab, MD, Hospital for Special Surgery

248 - Methylene Blue Infiltration for Distinguishing Superficial and Deep Infections
Nicolina Zapple, Rothman Orthopaedic Institute

TOTAL JOINT

241 - Glycemic Control Medication Regimen and Fructosamine in Total Joint Arthroplasty
Juan D. Lizcano, MD, Rothman Orthopaedic Institute

260 - Determinants of High Costs in TJA Using Time-Driven Activity-Based Costing
Juan D. Lizcano, MD, Rothman Orthopaedic Institute

233 - Increased Complications after TJA in Patients with Previous Cardiac Revascularization

Gireesh B. Reddy, MD, Rothman Institute

231 - Improving Research Quality in Arthroplasty Using the Nationwide Inpatient Sample

Gireesh B. Reddy, MD, University of Miami/Jackson Memorial Hospital

**Presented by David S. Constantinescu, MD*

270 - Does Proximity to Surgeons' Office Impact Utilization of Telemedicine in TJA?

Joshua Rozell, MD, NYU Langone Health

**Presented by Casey Cardillo*

TOTAL KNEE

246 - Emerging Utilization of Cementless Total Knee Arthroplasty

Amil R. Agarwal, BA, George Washington University

**Presented by Emile-Victor Kuyl*

367 - Running and Jogging after TKA: A Survey of Recreational Athletes

Armin Arshi, NYU Langone Health

374 - Returning to Recreational Cycling after Total Knee Arthroplasty

Armin Arshi, NYU Langone Health

462 - Patellar Overstuffing in Total Knee Arthroplasty Results in Decreased Extensor Mechanism Efficiency

Brandon Bukowski, MD, Hospital for Special Surgery

**Presented by Sonia Chandi, MD*

674 - Anatomic Referencing for Femoral Component Sizing Using CT Computer Modeling

Brett Campbell, MD, Zucker School of Medicine at Hofstra/Northwell

184 - Prosthetic Noise Generation in Robotic-Assisted and Conventional TKA

Nicholas F. Cozzarelli, BS, Rothman Orthopaedic Institute

5 - TKA Instrument Tray Reduction: Ambulatory Surgical Center Costs and Safety

Robert W. Eberle, Maxx Orthopaedics

756 - Total Knee Replacement By Single Surgeon And Single Implant

William Hodge, MD, Institute of Mobility & Longevity

14 - Chronic Anticoagulation: Increased Risk for Complication following Revision Total Knee Arthroplasty

Corey A. Jones, MD, Emory University

573 - MCID, SCB, and PASS Vary in the Total Knee Literature

Ryan Lopez, BS, University of Pennsylvania, Philadelphia

**Presented by Ibikari Legg-Jack, BS*

783 - Total Knee and Hip Arthroplasty Outcome Disparities among Native Americans
Albert J. Rechenmacher, BS, Duke University School of Medicine

274 - Preoperative KOOS, JR Scores Do Not Predict 90-day Outcomes after TKA
Joshua Rozell, MD, NYU Langone Health
**Presented by Claudette M. Lajam, MD*

469 - A Comparison of Clinical Outcomes after Total Knee Arthroplasty in Patients With and Without Nickel Allergy
Breana Siljander, MD, UMN
**Presented by Sonia Chandi, MD*

428 - One Decade Experience with Arthroscopic Lysis of Adhesions for Arthrofibrosis After Total Knee Arthroplasty
Michael F. Yayac, MD, Rothman Institute

TRAUMA

259 - A Comparison of Outcomes in Ankle Syndesmosis Injuries Treated with an Aperture Fixation Device, Suture Button, and Syndesmotic Screws
Garrett K. Berger, MD, University of California, San Diego
**Presented by Sean D. Thomas, MD*

591 - Cement Helps: Cemented vs. Uncemented Arthroplasty for Geriatric Hip Fractures
Ashleigh Bush, MD

670 - Do Tightened Set Screws Create Length-Stable Constructs in Intertrochanteric Fractures?
Taylor L. Cunningham, MS, University of South Carolina School of Medicine Greenville

701 - Buyer Beware: Infection in TKAs after Operative Knee Fracture Treatment
Bijan Dehghani, University of Pennsylvania

114 - Telehealth's Role in Orthopaedic Trauma during and after COVID-19
Ryan W. Horn, MD, Medical University of South Carolina
**Presented by Jared J. Reid, MD*

139 - Allocating Operating Room Time in Orthopaedic Trauma
Mary-Katherine Lynch, MD, Medical University of South Carolina
**Presented by Cody C. Ashy, BS*

164 - Can Researchers Trust ICD-10 Coding in Orthopaedic Trauma Patients?
Robert Mayberry, Atrium Health Musculoskeletal Institute
**Presented by Andrew B. Rees, MD*

229 - Impact of Amniotic Membrane Barrier on Heterotopic Ossification Recurrence Following Resection: Is there an Added Benefit?

Joseph G. Miceli, DO, Jersey City Medical Center

140 - Effects of a Resilience and Recovery Program on Trauma Recidivism

Daniel J. Scott, MBA, MD, Medical University of South Carolina

145 - Predicting Complications following Patella Fracture Repair Using the Five-Item Modified Frailty Index

Bruce T. Seibold, BS, George Washington University School of Medicine and Health Sciences

170 - Trends in Discussing Sexual Dysfunction and Fertility after Pelvic Trauma

Brianna L. Siracuse, MD, Emory University

**Presented by John M. Kopriva, MD*

117 - Gluteal Compartment Syndrome: Which Patient Population is at Risk?

Babar Shafiq, MD, MSPT, Johns Hopkins Hospital

186 - Should Ballistic Tibial Plateau Fractures be Treated Like Open Fractures?

Babar Shafiq, MD, MSPT, Johns Hopkins Hospital

264 - Full Weight-Bearing after Dual-Fixation of Clavicle Fractures: A Multi-Center Study

Jack Twomey-Kozak, MS3, Duke University School of Medicine

UPPER EXTREMITY

648 - Arthroscopic Thumb Basal Joint Arthroplasty for Thumb Carpometacarpal Arthritis

Alexander J. Adams, MD, Rothman Institute at Thomas Jefferson University

705 - Effect of Screw Size on Outcomes in Metacarpal Shaft Fractures

Andrew D. Allen, MD, University of North Carolina

**Presented by Patricia Wellborn, MD*

767 - Endoscopic Carpal Tunnel Release with MAC vs. Local Anesthesia

Thomas J. Carroll, MD, University of Rochester Medical Center

770 - Volar-Locked Plating vs. Dorsal-Bridge Plating for Distal Radius Fractures

Thomas J. Carroll, MD, University of Rochester Medical Center

790 - Safety, Pharmacokinetics, and Analgesia of HTX-011 in Total Shoulder Arthroplasty

Michael Cusick, MD, First Surgical Hospital

747 - Consumer Interest in Shoulder Replacement Surgery: A Google Trends Analysis From 2013 to 2023

Holt Cutler, MD, University of Pennsylvania

772 - Comparing Stemmed and Stemless Humeral Components in Total Shoulder Arthroplasty
David DiStefano, MD, University of Rochester Medical Center

440 - Impact of Opioid Dependence on Outcomes following Total Shoulder Arthroplasty
Richard J. Friedman, MD, FRCSC, Medical University of South Carolina

702 - Predictive Factors Influencing Internal Rotation following Reverse Total Shoulder Arthroplasty
Mark Glover, BS, Wake Forest School of Medicine

751 - Medical Comorbidities Do Not Affect Success of Trigger Finger Corticosteroid Injections at One Year
Bryan A. Hozack, MD, Rothman Institute at Thomas Jefferson University Hospital

609 - Dorsal-Radial Zones for Distal Radius Plating –Technique and Preferences
Alexander Jeffs, MD, UNC Chapel Hill

746 - Forearm Fracture Fixation: Does Plate Type or Screw Size Matter?
William Justice, MD, Drexel University College of Medicine

640 - Use of Fracture vs. Standard Stem for Proximal Humerus Fracture using Reverse Total Shoulder Arthroplasty
Ronit Kulkarni, BS, Medical University of South Carolina

717 - Determining the Efficacy of Barbotage for Pain Relief in Calcific Tendinitis
Mark J. Lemos, MD, Beth Israel Lahey Health

558 - Ultrasound Quantification of Postoperative Flexor Tendon Scar Tissue Predicts Function
Wei Li, BA, University of Rochester School of Medicine and Dentistry, Rochester NY

520 - Distal Radius Fractures: Long-Term Glucocorticoid Therapy, Complications, and Readmission
Steven H. Liu, BS, Renaissance School of Medicine at Stony Brook University

612 - Impact of Cannabis Disorder on Outcomes of Carpal Tunnel Release
Peter F. Monahan, BS, Penn State College of Medicine

582 - Cementless Semi-Constrained Total Elbow Arthroplasty: No Loosening in a Case Series of Ten Patients at 12-Year Follow-Up
Maheen Nadeem, University of Pittsburgh Medical Center

687 - Endoscopic Carpal Tunnel Release after Prior Distal Radius Fixation
Sarah Obudzinski, MD

450 - Key Drivers of 90-Day Costs in Primary Total Elbow Arthroplasty: An Institutional Experience

Kaitlyn A. Rodriguez, BA, MS, Duke University School of Medicine
**Presented by Mikhail A. Bethell, MS*

536 - Geriatric Nutritional Risk Index Predicts Short-Term Complications for Shoulder Arthroplasty

Robert L. DalCortivo, BBA, Rutgers New Jersey Medical School
**Presented by Ari Berg, MD*