

2021 SOA E-Poster Presentations

SESSION A

Foot & Ankle

261 - Resilience's Impact on Patient-Reported Outcomes after First Metatarsophalangeal Arthrodesis

Nicholas A. Andrews, University of Alabama at Birmingham

102 - Radiographic Characterization of Midfoot and Transverse Tarsal Joint Osteoarthritis

Alexander Caughman, BS, Medical University of South Carolina

255 - Fibular Intramedullary Nailing for Bimalleolar Ankle Fracture Fixation

Naomi E. Gadinsky, MD, Tulane University School of Medicine

31 - Outcomes of MIS Chielectomy and MTP Arthroscopy for Hallux Rigidus

Rachel L. Glenn, MD, Prisma Health -University of South Carolina Orthopedics

366 - Treatment of Ankle Fractures: Does Time Matter?

Jacob Hawkins, MD, University of Alabama at Birmingham

45 - Does Medicaid Expansion Improve Access to Care for Ankle Sprains?

Caroline P. Hoch, BS, Medical University of South Carolina

46 - Effect of Preoperative Ulceration on Outcomes of Tibiotalocalcaneal Arthrodesis

William N. Newton, BS, Medical University of South Carolina

203 - Cost, Radiographic and Patient-Reported Outcomes of Modified Lapidus Technique

Chinmay S. Paranjape, MD, MHSc, University of North Carolina

301 - Assessing the Influence of Pain and Resiliency on Postoperative Outcomes

Jonathan Pire, BS, Medical University of South Carolina

110 - A Detailed Analysis of Workplace Foot and Ankle Injuries

James C. Rex, BS, Medical University of South Carolina

242 - High Follow-Up Rates following Surgery for Lower Extremity Trauma

Alexander J Rovner, BA, Medical University of South Carolina

348 - Preoperative and Postoperative PROMIS and FFI Scores Based on Region of Foot Pathology and Surgery

Ashish Shah, MD, University of Alabama at Birmingham

304 - To BE(AR) or Not To BE(AR)? – Jones Dilemma

Neha Singh, MBBS, University of Alabama at Birmingham

352 - Outcomes of Gastrocnemius Recession in Plantar Fasciitis and Achilles Tendinosis
Wesley Stroud, MD, University of Alabama at Birmingham

Upper Extremity

314 - Utilization of a Fracture Liaison Service in Distal Radius Fractures
Natalie M. Marengi, MD, Wake Forest

8 - Pediatric Radius Fracture Malunion and DRUJ Pathology Treated with Osteotomy
Michelle Ramirez, MD, MPH, Children's Healthcare of Atlanta

SESSION B

Pediatrics

207 - Comparing Nonoperative and Operative Management of Pediatric Type I Tibial Fractures
Philip Ashley, MD, University of Alabama at Birmingham

297 - Risk Factors for Non-Union in Pediatric Lateral Column Lengthening Surgery
Michael J. Conklin, MD, University of Alabama at Birmingham

277 - Seasonality of Pediatric Tibial Tubercle Fractures
Cullen P. Moran, BS, Vanderbilt University Medical Center

80 - Custom Tray Reduces Cost when Pinning Pediatric Supracondylar Humerus Fractures
Trevor D. Ottofaro IV, MD, Medical University of South Carolina

76 - Analysis of Author Gender in the Pediatric Orthopaedic Literature from 2011-2020
Anjali Prior, BA, Medical University of South Carolina

79 - Physeal Sparing Distal Start Point for Rigid Intramedullary Tibial Nails
Julia A. Prodoehl, MD, Prisma Health

291 - TLICS Scale Predicts Concomitant Intraabdominal in Children Injured in an MVA
Katherine D. Sborov, Vanderbilt University School of Medicine

257 - SLIC Validity in Children with Traumatic Subaxial Cervical Spine Fractures
Kelly Vittetoe, BS, Vanderbilt University

331 - Evaluation of Pediatric Proximal Third Diaphyseal Both Bone Forearm Fractures
Kevin Williams, MD, Cincinnati Children's Hospital Medical Center

Trauma

149 - Prior Lumbosacral Fusion Increases Dislocation Risk following Hemiarthroplasty for FNF
Safa C. Fassih, MD, George Washington University

219 - Surgical Apgar Score – The Value in Orthopaedic Surgery
Amy Hilling, MD, Amy Hilling, MD, North Cumbria Integrated Care Trust, Glan Clwyd Hospital

195 - Relationship between Nutrition and Adverse Outcomes in Orthopedic Trauma Patients
Katherine J. Jensen, MChE, MPH, UT Health San Antonio

285 - Determinants of Length of Stay in Geriatric Intertrochanteric Femur Fractures
David A. Patch, MD, ATC, Med, University of Alabama at Birmingham

152 - Impaired Renal Function Increases Complication Risk Following Surgery for FNF
Pradip Ramamurti, BS, George Washington University

339 - Quarantine and Curfews: A Controversial Solution for Allocation of Resources in the COVID-19 Crisis
Rebecca Senehi, MS, MD, Prisma Health

189 - Patient Outcomes Unaffected by Absence of Orthopaedic Surgeons at Trauma Codes
Amy P. Trammell, MD, Wake Forest Baptist Medical Center

SESSION C

Practice Management/Education

245 - Tactile Comparison of Screw Insertion of 3D-Printed vs. Sawbones Models
Brittany Bautista Carrus, BS, University of Kentucky

99 - What Should We Be Reading? A Statistical Analysis of References
Donald D. Davis, MD, Atlanta Medical Center

21 - The Importance of the He for She Movement in Orthopaedics
Shivani Pandya, BS, University of Miami Miller School of Medicine

303 - Minorities and Women Receive Less Industry Payments than White Male Academic Orthopaedic Surgeons
Shivani Pandya, BS, University of Miami Miller School of Medicine

Shoulder & Elbow

62 - Association of COPD on Primary Reverse Shoulder Arthroplasty Procedures
Asad Ashraf, MD, Maimonides Medical Center

103 - Conversion of Anatomic Total Shoulder Arthroplasty to Reverse Shoulder Arthroplasty using a Unique Hybrid Glenoid Component: Preliminary Results
Alexander Bitzer, MD, OrthoCarolina

334 - A Multi-Institutional Study of Preoperative Albumin and Shoulder Arthroplasty Outcomes

Etienne M. Flamant, BS, Duke University Medical Center

94 - The Impact of Florida Mandated Opioid Prescribing Guidelines Surrounding Shoulder Arthroplasty

Joel Grunhut, BA, Cleveland Clinic Florida

96 - Failure of Liposomal Bupivacaine in Managing Pain following Shoulder Surgery

Joel Grunhut, BA, Cleveland Clinic Florida

343 - Determining Health Information-Seeking Behavior of Shoulder Patients

Sabrina G. Jenkins, BS, Johns Hopkins University

364 - Effectiveness of Bioinductive Bovine Patches in Primary Rotator Cuff Repairs

Joshua Sethi, BS, MS, Tulane University

299 - Impact of Patient Travel Distance on Early Outcomes after Shoulder Arthroplasty

Jack Twomey-Kozak, Duke University School of Medicine

12 - Causes of Infections following Total Elbow Arthroplasty

Rushabh M. Vakharia, MD, Maimonides Medical Center

175 - BMI and Male Sex Increase Operative Time during TSA

Kevin Y. Wang, BA, Johns Hopkins University

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

Colleen M. Wixted, Duke University Medical Center

178 - Prior Shoulder Arthroscopy Increases Revision Rates after Shoulder Arthroplasty

Alex Gu, BS, George Washington University

SESSION D

Hand & Wrist

310 - Osteoporosis Management in Patients with Low Energy Distal Radius Fractures

Matthew Akelman, MD, Wake Forest

270 - Prolonged Opioid Consumption after Proximal Row Carpectomy vs. Four-Corner Arthrodesis: Rates, Risk Factors, and Effects

Alex Demers, BS, University of Virginia

13 - Risk Factors for Adverse Events following Open Reduction and Internal Fixation for Distal Radius Fractures

Ivan Golub, MD, Maimonides Medical Center

370 - Surgical Specialty and Postoperative Complications in Hand and Wrist Fractures

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

190 - Surgical Outcomes of Carpal Tunnel Release in Diabetics and Non-Diabetics

Jose J. Monsivais, MD, Hand and Microsurgery Center

Spine

363 - Postoperative Day Zero Physical Therapy following Inpatient Cervical Spine Surgery Decreases Length of Stay

Blaine T. Manning, MD, University of Missouri-Columbia

15 - Anticoagulation in Elective Spine Cases: Rates of Hematomas vs. Thromboembolic Disease

Dharani Rohit Thota, BA, University of Texas at Southwestern Medical Center

75 - Comparative Utilization of Laminoplasty in the United States and Japan

William H. Waddell, MD, Vanderbilt University Medical Center

Sports Medicine

254 - Endoscopic Gluteal Tendon Repair: A Systematic Review

Anthony C. Cantrell, MD, Prisma Health

44 - Validity of Research Based on Publicly-Obtained Data in Sports Medicine

Paul M. Inclan, MD, Washington University

10 - Tibial Plateau Slope Profile of 18 to 45-Year-Old Filipinos with ACL Injuries

John Christopher R. Ragasa, MD, St. Luke's Medical Center

60 - Risk of Infections following Arthroscopic Rotator Cuff Repair

Francis Rosato, MD, Maimonides Medical Center

125 - Early Clinical Results following Gluteal Tendon Repair with Trochanteric Bursectomy

Trevor Smith, BS, OrthoCarolina Research Institute

244 - Impact of Perioperative Intravenous Lidocaine in Patients Undergoing Hip Arthroscopy

Briana E. Stirling, MD, Prisma Health Midlands

89 - Functional Anterior Knee Pain following Bone-Patellar-Tendon-Bone Anterior Cruciate Ligament Reconstruction

Arjun Verma, BS, Ochsner Sports Medicine Institute

183 - Using Social Media to Engage Medical Students in Orthopaedic Surgery

Cindy X. Wang, BS, Tulane University School of Medicine

SESSION E

Total Hip

345 - Rate of Radiographically Occult Hip Fracture Using Advanced Imaging Techniques in the Elderly: A Multicenter Report

Sabrina G. Jenkins, BS, Johns Hopkins University

252 - Impact of Atrial Fibrillation on Total Hip Arthroplasty Outcomes

Lacey G. Lavie, MD, Ochsner Clinic Foundation

126 - Impact of HIV on Postoperative Outcomes following Osteonecrosis Indicated THA

Ryan Mortman, George Washington School of Medicine and Health Sciences

55 - Comparison of the Psychosocial Awareness and Clinical Outcomes between Direct Anterior Approach and Mini-Posterior Approach in Primary Total Hip Arthroplasty

Jessiah Aura M. Navarro, PTRP, MD, St. Luke's Medical Center

312 - Mid to Long-Term Follow-Up on Revisions of a Recalled Large-Head Metal-on-Metal Hip Prosthesis

Michael Warren, MD, Ochsner Sports Medicine Institute

Total Joint

172 - Outpatient vs. Inpatient Total Shoulder Arthroplasty: A Matched Cohort Analysis of Postoperative Complications, Surgical Outcomes, and Costs

Amil R. Agarwal, BA, Johns Hopkins University School of Medicine

37 - Quality Improvement Tools in Total Joint Arthroplasty: A Systematic Review

Henry V. Bonner, BS, University of Alabama at Birmingham

163 - Anemia is Correlated with 30-Day Complications following Revision Arthroplasty

Safa C. Fassih, MD, George Washington University

243 - Does Sedentary Lifestyle Lead To Increased Osteoarthritis among Diabetic Patients?

Nequesha S. Mohamed, MD, Wake Forest Baptist Medical Center

104 - Opioid-Limiting Legislation Does Not Impact Patients' Perception of Pain Management

Anthony V. Paterno, MS, University of North Carolina

322 - Patients with Osteopetrosis are at Increased Risk for Early Postoperative Complications following Primary Total Hip and Knee Arthroplasty

Nicole D. Quinlan, MD, MS, University of Virginia

184 - UTI and PJI following TJA: A Matched Cohort Analysis

Davidson A. Sacolick, MD, George Washington University

166 - IDDM Independently Increases Risk of Complications after Aseptic Revision THA

Nicolas A. Selemon, BA, George Washington University

Total Knee

18 - Decreased Opioid Utilization and Length of Stay with Robotic-Assisted TKA
Jeffrey Hodrick, MD, Southern Joint Replacement Institute

283 - Patellar Component Positioning in Total Knee Arthroplasty
Roshan Jacobs, MD, University of Alabama at Birmingham

284 - The Impact of Resident Involvement on Patient Outcomes in Revision Total Hip Arthroplasty
Roshan Jacobs, MD, University of Alabama at Birmingham