

## **COS Poster Presentations**

### **Basic Science**

480 - Hydrophilic vs. Non-Hydrophilic High-Tensile Strength Sutures: A Biomechanical Study  
*Samuel E. Mircoff, BS, Loyola University Medical Center*

401 - Contralateral Knee Synovial Biomarkers Predict Long-Term Patient Outcomes  
*Izabel Powers, NYU Langone Health*

395 - ACL Reconstruction Alters Healing Environment in Meniscal Repair  
*Eric J. Strauss, MD, NYU Langone Medical Center*

460 - Two Bicortical Screws Enhance Stability in Medial Malleolar Fracture Models  
*Asher Lichtig, BA, University of Illinois at Chicago College of Medicine*

### **Foot & Ankle**

326 - Risk Factors for SSI After ORIF of Bimalleolar Ankle Fractures  
*Paul G. Mastrokostas, BA, BBA, SUNY Downstate Health Sciences University*

819 - Reliability of the Lawrence and Botte Classification for Metatarsal Fractures  
*Jacob Jahn, BS, University of Miami- Miller School of Medicine*

### **Hand & Wrist**

856 - Two vs. Three Diaphyseal Screws in Distal Radius Fixation  
*David M. Sylvester, BS, Rothman Orthopaedics Florida at AdventHealth*

693 - Efficacy of Segmental Fasciectomy as a Surgical Intervention for Dupuytren's Disease within the MCP joint  
*Kikelola Afolabi-Brown, BS, MS, Rutgers Robert Wood Johnson Medical School*

### **Other**

752 - Development of the CARP Score for Tibial Plateau Fracture Surgery  
*Cameron Sabet, BA, MA, MBA, Georgetown Medical School*

611 - Preoperative Chronic Pain Does Not Worsen Outcomes After UKA  
*Shujaa T. Khan, MD, Cleveland Clinic*

801 - Impact of BMI on Meniscectomy Outcomes: A Retrospective Cohort Study  
*Dylan Wong, BS, Jacobs School of Medicine and Biomedical Sciences*

33 - Industry Payments to Orthopaedic Surgery RPDs and RPCs  
*Christopher J. Fang, MD, Kirk Kerkorian School of Medicine at UNLV*

### **Pediatrics**

661 - A Review of Orthopaedic Trauma Injuries in Amish Pediatric Patients

*Kaitlyn A. Reif, Indiana University School of Medicine*

837 - Patient-Reported Allergies Effect on Postoperative Outcomes in Adolescent Idiopathic Scoliosis

*Sean Pedersen, MD, University of Florida*

### **Practice Management/Education**

462 - Impact of Real-Time Remote vs Traditional In-Person Didactics on Orthopaedic Resident Performance on the Orthopaedic In-Training Examination: A Retrospective Cohort Study

*Brett M. Segobiano, BA, University of Illinois College of Medicine*

680 - Trending or Misleading? Evaluating TikTok's Rheumatoid Arthritis Video Reliability

*Simran Shamith, BS, Drexel University College of Medicine*

### **Shoulder & Elbow**

940 - Arthroscopic Repair Versus Biceps Tenodesis for Treatment of SLAP Tears: A Trend Analysis

*Hassan Eldib, Maimonides Medical Center*

640 - Safety and Complications of Primary Reverse Shoulder Arthroplasty in Patients Over 90 Years Old: A Retrospective Analysis

*Roya Khorram, MD, Rothman Orthopaedics Florida at AdventHealth, Orlando*

4 - Two-Year Outcomes of Segmental Revision Shoulder Arthroplasty

*Cameron P. Vauclin, MD, MS, Louisiana State University Health Shreveport*

### **Spine**

652 - Posterior Lumbar Fusions with Adjacent Laminectomies: Outcomes and Radiographic Alignment

*Janet Hsu, BS, Albert Einstein College of Medicine*

383 - Lumbar Endplate Hounsfield Units Enhance Transforaminal Lumbar Interbody Fusion Subsidence Prediction Compared to Trabecular Hounsfield Units Alone

*Jayanth Kumar, MD, UF Health Jacksonville*

225 - Anterior Vertebral Tethering: An Analysis of 335 Cases

*Levi M. Travis, BS, University of Miami Miller School of Medicine*

859 - Incidence of Revision Surgery Following Cervical Laminoplasty: A Systematic Review

*Danielle E. Chipman, BS, Jacobs School of Medicine and Biomedical Sciences*

### **Sports Medicine**

409 - Revision Hip Arthroscopy: Is Functional Gain Comparable to Primary Surgery?  
*Ariana Lott, MD, NYU Langone Health*

403 - Anterior Cruciate Ligament Reconstruction Risk After Second Reconstruction in Adolescents  
*Kyung Park, BA, Johns Hopkins Hospital*

687 - Internal Bracing in Bone Patellar Tendon Bone ACL Reconstruction  
*Michael Guyot, BS, University of Florida*

### **Total Hip**

37 - Large Femoral Head Size Confers Greater Protection Against Dislocation than Lipped Acetabular Liners  
*Alejandro J. Friedman, MA, BS, SUNY Downstate Medical School*

547 - Impact of Surgical Approach on Surgical Outcomes in Hip Hemiarthroplasty  
*Joshua C. Rozell, MD, NYU Langone Health*

### **Total Joint**

516 - Comparison of Complications Following Patellofemoral Arthroplasty Versus Total Knee Arthroplasty  
*Yousaf Ilyas, University of Illinois at Chicago*

854 - The Influence of Dialysis in Primary Total Joint Arthroplasty  
*Bryan O. Ren, MD, University of Michigan*

### **Total Knee**

420 - Analysis of Optimal Saline Lavage Volume in Primary Total Knee Arthroplasty During the Nationwide Shortage following Hurricane Helene  
*Matthew Goldner, MD, Montefiore Medical Center*

650 - Predictors and Interval Costs of Medicare's Most Expensive Arthroplasty Patients  
*Tantien Nguyen, BS, Foundation For Research and Education*

### **Trauma**

937 - Impact of Sex, Age, and Comorbidities on Osteonecrosis Development After Intertrochanteric Hip Fractures  
*Kristina A. Andrade, BIS, Morehouse School of Medicine*

5 - Periprosthetic Femur Fractures in Hemiarthroplasty are Correlated with Stem Type: An Analysis from the American Joint Replacement Registry

*Michael J. DeRogatis, MD, MS, St. Luke's University Hospital*

566 - Lower Extremity Trauma Surgery Outcomes Shift Along the HbA1C Spectrum Harris

*Hafeez Baylor, BS, College of Medicine*

202 - Bioabsorbable Fixation Pins for Periarticular Fractures

*Lukas Emile Hashem, Orthopaedic Trauma Service, Florida Orthopaedic Institute*

### **Tumors**

773 - Acellular Dermal Template Following Cutaneous Soft Tissue Tumor Resection and Adjuvant Radiotherapy Leads to Excellent Wound Healing

*James C. Wittig, MD, Atlantic Health System*

905 - Disparities in Chemotherapy Utilization and Survival Outcomes in Osteosarcoma

*Srinidhi Polkampally, BS, Stanford*

### **Upper Extremity**

355 - Ganglion Cyst Recurrence: A Nationwide Comparative Analysis of Reimbursement, and Healthcare Utilization in Adults versus Pediatric Patients

*Rushani Cameron, BA, MS, SUNY Downstate College of Medicine*

101 - Opioid Use Pattern after Non-operative Management of Distal Radius Fracture

*Sina Ramtin, MD, Rothman Orthopaedic Institute*