

## MOA 2026 E-Poster Presentations

### **Clinical**

56 - Evaluating Periprosthetic Joint Infection Risk after Diagnostic and Invasive Esophagogastroduodenoscopy

*Michael Ahmadi, BS, George Washington University School of Medicine and Health Sciences*

44 - Hip Fracture Risk after Lumbar Fusion: The Impact of Fusion Length and Age

*James B. Anundson, MS, Georgetown University School of Medicine*

62 - Comparative Survivorship of Proximal Row Carpectomy and Four-Corner Fusion

*James B. Anundson, MS, Georgetown University School of Medicine*

116 - Glenoid Implant Performance and Loosening Patterns Following Anatomic Shoulder Arthroplasty

*Ahlam Ashkar, BS, Johns Hopkins University*

129 - The Impact of Sarcoidosis on Outcomes After Rotator Cuff Repair

*Ahlam Ashkar, BS, Johns Hopkins University*

8 - Triangular Fibrocartilage Complex Injuries in the Racket Sport Player

*Anagh Astavans, BS, Johns Hopkins University School of Medicine*

10 - Anterior Cruciate Ligament Reconstruction Risk After Second Reconstruction in Adolescents

*Anagh Astavans, BS, Johns Hopkins University School of Medicine*

58 - Bariatric Surgery Mitigates Long-Term Lumbar Spine Degeneration and Surgical Intervention

*Hassan M. Bazzi, BS, Wayne State University School of Medicine*

71 - Preoperative Expectations and 2-year Outcomes after Partial Meniscectomy

*Naman Bhandari, BS, University of Maryland School of Medicine*

73 - Predictors of PROMIS Pain Interference after Rotator Cuff Repair

*Joseph Blommer, BS, University of Maryland School of Medicine*

65 - Cemented vs. Uncemented THA Outcomes in ESRD

*Paul Botolin, MS, Johns Hopkins University*

79 - Stroke History and Interval Impact on THA Outcomes

*Paul Botolin, MS, Johns Hopkins University*

118 - BMI on Outcomes Following Operative Fixation of Tibial Plateau Fractures Introduction

*Ashlyn A Callan, BS, MS, Albert Einstein College of Medicine*

- 138 - Antidepressant Use Increases Complications After Shoulder Stabilization Surgery  
*Debra H. Chan, BS, Johns Hopkins*
- 144 - Clinical Outcomes of Placental Matrix Augmentation in Rotator Cuff Repair  
*Debra H. Chan, BS, Johns Hopkins*
- 109 - Evaluating Surgical Outcomes after THA: A Gini Index Analysis  
*Zhongming Chen, MD, Rubin Institute for Advanced Orthopedics*
- 137 - Data-Driven Preoperative Hemoglobin Strata Predict Complications Following Total Shoulder Arthroplasty  
*Jeremy Clements, BA, George Washington University School of Medicine and Health Sciences*
- 140 - Data-Driven Preoperative Hemoglobin Strata Predict Complications Following ACDF  
*Jeremy Clements, BA, George Washington University School of Medicine and Health Sciences*
- 181 - Complications in Patients with Cardiac Implanted Devices Undergoing Shoulder Arthroplasty  
*Russell Edafetanure-Ibeh, MLS, MPH, MS, Johns Hopkins University School of Medicine*
- 182- Evaluation of Inter and Intra-Observer Reliability of Modified Walch Classification  
*Russell Edafetanure-Ibeh, MLS, MPH, MS, Johns Hopkins University School of Medicine*
- 184 - Prior Calf Strain as a Risk Factor for Achilles Tendon Tears in NBA Players: A Retrospective Analysis  
*Zaid Elsabbagh, BS, Johns Hopkins University*
- 188 - Bone Health Evaluation in Orthopaedic Trauma: What Drives Patient and Physician Satisfaction  
*Zaid Elsabbagh, BS, Johns Hopkins University*
- 93 - Does Fixation Method for Distal Femur Fractures Influence Discharge Disposition?  
*Karli Funk, PT, DPT, MS, University of Maryland School of Medicine*
- 183 - Sickie-Cell Disease is Associated with Greater Rates of PJI and Revision 10 Years After Osteonecrosis-Indicated THA  
*Diego Garcia, BS, Johns Hopkins University*
- 102 - Neuraxial Anesthesia in TKA Associated with Decreased Postoperative ED Visits  
*John C. Garside, BA, Georgetown University School of Medicine*
- 104 - Socioeconomic Predictors of Access to Navigation-assisted and Robotic-assisted TKA  
*John C. Garside, BA, Georgetown University School of Medicine*
- 190 - Predictors of Medicine Admission and Escalation in Hip Fractures  
*Diane I. Ghanem, MD, Johns Hopkins Hospital*

178 - Relationship Dynamics in Surgical Residency: Match Choices, Strain, and Support  
*Eve R. Glenn, BSc, Johns Hopkins University School of Medicine*

195 - Fewer Opioids After Orthopaedic Trauma Maintain Perceived Pain and Self-Efficacy  
*Eve R. Glenn, BSc, Johns Hopkins University School of Medicine*

54 - Outcomes of Open vs. Minimally-Invasive Repair of Acute Achilles Rupture  
*Shannon N. Greenwood, MS, Anne Arundel Medical Center*

157 - Novel Utilization of a Pre-Angulated, Osseointegrated Implant for Metacarpophalangeal Amputation  
*Malcolm N. Hamilton-Hall, BA, University of Connecticut School of Medicine*

161 - Post-Operative Quality of Life (QoL) in Patients with Necrotizing Fasciitis: A Report from a 9-Year Institutional Cohort  
*Amir Human Hoveidaei, MD, MSc, Rubin Institute for Advanced Orthopedics*

55 - Systematic Review of Fractures in SAPHO: Clinical Features, Imaging, Management  
*Ann Hu, BS, MS, Georgetown University School of Medicine*

39 - High School Sports Specialization and Risk of Achilles Tendon Rupture in NBA Players, 1990–2025  
*Justin Hyde, BS, Georgetown University School of Medicine*

98 - Evaluation of Spin in PRP-Steroid Studies for Lateral Epicondylitis  
*Ashley Isenberg, BA, Georgetown University Medical School*

126 - 180-Day Outcomes in Smokeless and Traditional Tobacco Users Following ACDF  
*Jonathan P. Japa, BS, MedStar Washington Hospital Center*

145 - Joint Arthroplasty after Organ Transplant: A National and Institutional Comparison  
*Andrew Jimenez, BS, Georgetown University School of Medicine*

60 - Arthroscopic Superior Capsule Reconstruction: Fascia Lata Autograft Vs. Human Dermal Allograft  
*Radhakrishna Kantanavar, MS, DNB, Johns Hopkins University School of Medicine*

61 - Arthroscopic Tuberooplasty in Irreparable Massive Rotator Cuff Tears: With or Without Partial Repair?  
*Radhakrishna Kantanavar, MS, DNB, Johns Hopkins University School of Medicine*

85 - Revisiting the Double-Bundle: Outcomes of Hamstring Autograft ACL Reconstruction  
*Reza M. Katanbaf, MD, MBA, Rubin Institute for Advanced Orthopedics*

35 - TXA Does Not Increase Thromboembolic Events In Prosthetic Valve Patients

*Casey Lanham, BS, George Washington School of Medicine*

100 - Clinical Utility of the One-Finger Test for Symptomatic Acromioclavicular Joint Arthritis  
*Ysa Le, BS, Johns Hopkins School of Medicine*

101 - Intraoperative Aspiration is a Valuable Addition in Diagnosis of Prosthetic Shoulder Infection  
*Ysa Le, BS, Johns Hopkins School of Medicine*

25 - Outcomes of Lumbar Fusion Patients with Schizophrenia and Bipolar Disorder  
*David Lutati, BS, Anne Arundel Medical Center*

22 - The Effect of Anxiety/Depression on Outcomes of Idiopathic Adhesive Capsulitis  
*Elisabeth Merten, MEd, BA, Anne Arundel Medical Center*

111 - Five-Fold Increased PJI Risk in Morbidly Obese Undergoing Robotic THA  
*Monica Misch, DO, Rubin Institute for Advanced Orthopedics*

72 - Predictors of PROMIS Pain Interference Two Years after Partial Meniscectomy  
*Caitlin Murphy, BS, University of Maryland School of Medicine*

63 - Septic Revision Hip Arthroplasty Associates with Higher Thromboembolic Event Rates  
*Daniel J. Over, BS, Rubin Institute for Advance Orthopedics*

23 - Outcomes of an Opioid-Sparing Protocol for ASC Based Spine Surgery  
*Jack Parker, BS, Anne Arundel Medical Center*

13 - Testosterone Replacement Therapy: A Risk-Factor for Rotator Cuff Repair Complications  
*Matthew Peterman, MD, Anne Arundel Medical Center*

53 - Effect Antibiotic Graft Presoaking on ACLR Infection and Revision Rates  
*Matthew Peterman, MD, Anne Arundel Medical Center*

68 - Predictors of PROMIS Function and Pain Improvement Following Hip Arthroscopy  
*Luke Pitsenbarger, MD, University of Maryland School of Medicine*

69 - Two-Year Patient-Reported Outcomes Following Primary and Revision Hip Arthroscopy  
*Tyler Przygocki, BS, University of Maryland School of Medicine*

95 - Elevated Preoperative PTH Increases Risk of Total Joint Arthroplasty Complication  
*Rohith Pydi, BS, George Washington University School of Medicine and Health Sciences*

200 - Thromboembolic Prophylaxis Does Not Reduce Thromboembolic Events following Single-Level ACDF  
*Rohith Pydi, BS, George Washington University School of Medicine and Health Sciences*

49 - Three-Dimensional Distance and Coverage Mapping of the First Ray in Hallux Valgus  
*Sudheer Reddy, MD, Shady Grove Orthopaedics*

86 - Reclaiming the Slopes: Return to Ski after ACLR  
*Jeremy Reich, DO, Rubin Institute for Advanced Orthopedics*

146 - Outcomes of TJA In Patients with Ehlers-Danlos Syndrome  
*Erin E. Reeves, MS, Georgetown University School of Medicine*

50 - Psoriatic Fracture and Arthroplasty Risk With IL-23 Inhibition Versus Methotrexate  
*Stephen Rossettie, MD, MBA, Georgetown University School of Medicine*

106 - Outcomes After Total Shoulder Arthroplasty in Patients with Obstructive Sleep Apnea: A Retrospective Analysis of More than 10,000 Patients  
*Stephen Rossettie, MD, MBA, Georgetown University School of Medicine*

163 - Decade Survivorship and Failure Predictors after Reverse Total Shoulder Arthroplasty  
*Rodrigo Saad Berreta, BA, University of Arizona College of Medicine Tucson*

84 - HTO Lowers TKA Risk Across All Ages Compared to UKA  
*Drew Saltzman, DO, Rubin Institute for Advanced Orthopedics*

81 - Return to Golf After Rotator Cuff Repair: A Systematic Review  
*Oliver C. Sax, DO, MS, Rubin Institute for Advanced Orthopedics*

12 - Frozen Shoulder after Mastectomy: National Study of Risk-Factors and Outcomes  
*Alyssa Schreiber, BS, Anne Arundel Medical Center*

91 - Prior Shoulder Instability is Associated with Increased Total Shoulder Arthroplasty Revision Rates  
*Victor Shen, BS, USF Health Morsani*

132 - Clot Kinetics in Children with Cerebral Palsy Undergoing Spinal Fusion: Insights from Thromboelastography  
*Jessica Siragusa, MBA, Johns Hopkins Medical Institutes*

133 - Hinge or No Hinge? Radiographic Predictors in Flexion-Type Supracondylar Fractures  
*Jessica Siragusa, MBA, Johns Hopkins Medical Institutes*

46 - Migraines are Associated with Postoperative Complications following Total Knee Arthroplasty  
*David Tan, BS, George Washington University School of Medicine*

149 - Distal Tibiofibular Kissing Lesions in Pediatric Patients with Multiple Hereditary Exostoses: Presentation and Treatment Result  
*Sydney Thai, BS, Johns Hopkins Medical Institutes*

150 - Tranexamic Acid is Not Associated with Venous Thromboembolisms Following Lumbar Fusion Surgery

*Sydney Thai, BS, Johns Hopkins Medical Institutes*

122 - Patients with Postoperative Delirium after Cervical Laminoplasty Show Increased Risk of Postoperative Complications and Longer Length of Hospital Stay

*Shankar Thiru, BS, Georgetown University School of Medicine*

123 - Socioeconomic Status Influences Complications and Mortality After rhBMP-2 Spinal Fusion

*Shankar Thiru, BS, MedStar Washington Hospital Center*

97 - Keloidosis Increases Arthrofibrosis Risk After Total Knee Arthroplasty

*Pranav Thota, BS, George Washington University*

92 - Psychiatric Illness and Risk of Amputation Following Hand Infections

*Samuel R. Wertz, BA, George Washington University School of Medicine and Health Sciences*

76 - Preoperative Expectations Predict Two-Year Patient-Reported Outcomes After Total Shoulder Arthroplasty

*Ethan Yang, BS, University of Maryland School of Medicine*

142 - Post-Operative Toradol in Spinal Deformity Surgery is Not Associated with Higher Rates of Pseudoarthrosis

*Kevin Yoon, BS, MedStar Washington Hospital Center*

143 - Outcomes of Anterior Cervical Decompression and Fusion in Patients with Systemic Lupus Erythematosus

*Kevin Yoon, BS, MedStar Washington Hospital Center*

189 - Outcomes of Ballistic and Blunt Elbow Fractures: Are They Different?

*Alexander R. Zhu, BA, Johns Hopkins University School of Medicine*

### **Non-Clinical**

52 - Comparative Biomechanical Analysis of Press-fit Osteochondral Allografts in Uncontained Cartilage Lesions: An In Vitro Human Cadaveric Study

*Nicholas Aksu, MD, MedStar Georgetown*

117 - Distal Femur Fixation Stability: Lateral Locked Plating Versus Nail-Plate Combination

*Kavn S. Aulakh, BA, Georgetown University School of Medicine*

80 - Playing Surface and Lower Extremity Injury Risk in the Modern-Era NFL

*Hassan M. Bazzi, BS, Wayne State University School of Medicine*

18 - Aspirin Use Associated with Increased Wound Complications following ACL Reconstruction

*Mir Saif Hossain, BS, George Washington School of Medicine and Health Sciences*

38 - Effect of Obesity on Complication Rates After Arthroscopic and Arthroscopic-Assisted Treatment of Talar Osteochondral Lesions

*Mir Saif Hossain, BS, George Washington School of Medicine and Health Sciences*

124 - Human Evaluators vs AI Detectors: Identifying AI-Generated Orthopaedic Surgery Manuscripts

*Jonathan P. Japa, BS, MedStar Washington Hospital Center*

89 - NFL Lower Extremity Muscle Strains, 2015–2024: Burden and Prevention Trends

*Awad M. Souedan, BS, Wayne State University School of Medicine*