

# American Academy of Orthopaedic Surgeons 2022 Annual Meeting

## Presentations by the University of Maryland School of Medicine

### Department of Orthopaedics

#### PAPER PRESENTATIONS

##### **Patient-Reported Outcome Measurement Information System Depression and Anxiety in Elective Knee Surgery Patients**

Jonathan D. Packer, MD,FAAOS, Justin Kung; Matheus B. Schneider, BS; Natalie L. Leong, MD, FAAOS; R Frank Henn, MD,FAAOS; Samir Kaveeshwar; Samuel Q. Li, MD; Sean Meredith, MD; Tina Zhang, MD

[Wednesday, March 23, 3:45 pm \(Paper 306, Room S406A\)](#)

##### **Assessment of Staphylococcal Clinical Isolates from Periprosthetic Joint Infection for Potential Bacteriophage Therapy**

Aaron J. Johnson, MD, Aaron Johnson; Brian De Palma, MD; James Doub; Martin Lee; Sumon Nandi, MD,MBA,FAAOS,FACS; Waqas Chaudhry, PhD.

[Thursday, March, 24 8:00 am \(Paper 332, Room S406B\)](#)

##### **Distal Femur Fractures: Does Fixation Construct Affect Reoperation Rate?**

Adolfo Hernandez, MS; Ashraf N. El Naga, MD; Christopher Lee, MD, UCLA; Colby Barber, MD; Cynthia Burke, BS, BSN; Dane J. Brodke, MD; Erika Roddy, MD; Graham J. Dekeyser, MD; Jayesh Gupta, BS; John Morellato, MBBS; Joseph A. Dynako, MD; Lillia Steffenson, MD; Loren O. Black, MD,MBA; Lucas S. Marchand, MD, University of Utah; Marshall James Fairres, MD; Matthew Hogue, MD, UIHC; Murphy M. Walters, MD; Natasha McKibben, BS; Nathan N. O'Hara, PhD, Omar H. Atassi, MD; Paul W. Perdue, MD,FAAOS, VCU; Robert V. O'Toole, MD,FAAOS; Sai Devana, MD; Stephen J. Shymon, MD, Los Angeles County Harbor-UCLA Medical Center; Thomas W. Mitchell, MD; Trevor Gulbrandsen, MD, University of Iowa Hospitals and Clinics; Zachary M. Working, MD, FAAOS.

[Thursday, March, 24, 1:40 pm \(Paper 411, Grand Ballroom\)](#)

##### **The Impact of Heterotopic Ossification Prophylaxis after Surgical Fixation of Acetabular Fractures: National Treatment Patterns and Related Outcomes**

Adam Boissonneault, MD, David A. Pogorzelski, MSc; Gerard Slobogean, MD, MPH, FAAOS, FRCS, Univ of MD Ortho Trauma Assoc; Ida L. Gitajn, MD; Ishani Sharma, BA,BS; Lucas S. Marchand, MD, University of Utah; Mark Gage, MD; Nathan N. O'Hara, PhD, PREP-IT Investigators, MD; Robert V. O'Toole, MD,FAAOS; Roman Natoli, MD,PhD; Sarah Pierrie, MD, San Antonio Military Medical Center; Sheila Sprague, PhD, McMaster University; Thomas F. Higgins, MD,FAAOS, University Orthopaedic Center

[Friday, March, 25 8:40 am \(Paper 536, Room S406A\)](#)

##### **Characterization of Pain in Patients with Unstable Pelvic Fractures Treated with Posterior Screw Fixation**

Danielle Sim, BA; Darby W. Moore, BS; Gerard Slobogean, MD, MPH, FAAOS, FRCS, Jason W. Nascone, MD, FAAOS, Marcus F. Sciadini, MD, FAAOS, Peter V. Campbell; Robert V. O'Toole, MD,FAAOS; Sania M. Hasan; Vincent L. Allen.

[Friday, March, 25 9:05 am \(Paper 540, Room S406A\)](#)

##### **Can Referral to a Smoking Quitline Alone Get Your Trauma Patients to Quit?**

Katherine M. Joseph, MPH; Paul E. Matuszewski, MD,FAAOS, University of Kentucky; Robert V. O'Toole, MD,FAAOS; Tyler J. Pease, BS, University of Kentucky.

[Friday, March, 25 12:00 pm \(Paper 595, Room S406A\)](#)

##### **Telemedicine Preserves Access to Postoperative Care for Orthopaedic Trauma Patients Regardless of Socioeconomic Status**

Abdulai Bangura, BS; Andrew N. Pollak, MD,FAAOS, Christopher Langhammer, MD, Gerard Slobogean, MD, MPH, FAAOS, FRCS, Ishaq Ibrahim, MD, R. Nathan N. O'Hara, PhD, Robert V. O'Toole, MD,FAAOS.

[Friday, March, 25 12:05 pm \(Paper 596, Room S406A\)](#)

##### **Patients' Understanding of Sling Necessity and Home Assistance Are Predictive of Sling Wear Following Shoulder Surgery**

Jacqueline L. Addona, BS; Michael Livesey, MD; Mohit Gilotra, MD,MS,FAAOS, R Frank Henn, MD,FAAOS; Ryan A. Curto, BA; Syed A. Hasan, MD,FAAOS, Tristan Weir, MD,

[Friday, March, 25 12:05 \(Paper 585, Grand Ballroom\)](#)

##### **Establishment of Normative Values of First Webspace Measurements of the Hand in the Pediatric Population**

Isaac E. Betaharon, BS; Danielle A. Hogarth, BS; Casey M. Codd, BA, Joshua M. Abzug, MD,FAAOS,

[Friday, March, 25 3:30 pm \(Paper 729, Room S106A\)](#)

#### SPECIALTY DAY

##### **Disaster Operations: The Case for Involvement of Orthopedic Surgeons**

Andrew N. Pollak, MD,FAAOS

[Tuesday, March, 22 8:05 am \(Room S404\)](#)



## INSTRUCTIONAL COURSE LECTURES/CASE PRESENTATIONS

### **Dilemmas for the Team Physician: Return to Play and the Management of In-Season Injuries**

Jonathan D. Packer, MD,FAAOS

[Wednesday, March 23, 11-12:30 pm \(ICL 228, Room N229\)](#)

### **Beyond Simple Supracondylar Fractures: Tips and Tricks for Complex Pediatric Elbow Trauma**

Joshua M. Abzug, MD,FAAOS,

[Wednesday, March 23 1:30-3:00 pm \(ICL 244, Room S505B\)](#)

### **Treating Hand Fractures: Management and the Ability to Treat the Complications that Inevitably Occur**

Joshua M. Abzug, MD,FAAOS,

[Thursday, March 24, 8-9:30 am \(ICL 305, Room S505A\)](#)

### **Costing for the Clinician: How to Understand Cost in Orthopaedic Care.**

Nathan N. O'Hara, PhD,

[Thursday, March 24, 11:00-12:30 pm \(ICL 326, Room S103D\)](#)

### **Tweener Fractures: Treatment of Long Bone and Metadiaphyseal Fractures in Adolescents**

Joshua M. Abzug, MD,FAAOS,

[Friday, March 25, 8:00-9:30 am \(Case Presentation 482, Room S103B\)](#)

### **The Fracture Lost Reduction – Now What?**

Joshua M. Abzug, MD,FAAOS,

[Friday, March 25 1:30-3:00 pm \(ICL 446, Room S103D\)](#)

## POSTERS

[Tuesday, March 22 7:00 AM-5:00 pm \(Academy Hall\)](#)

### **Pediatric Monteggia Fracture-Dislocations and their Variants**

Alexandria L. Case, MS,BS; Danielle A. Hogarth, BS; Joshua M. Abzug, MD,FAAOS, [\(P0483\)](#)

### **Treatment of Flexion-Type Supracondylar Humerus Fractures in Pediatric Patients**

Sudarshan J. Mohan, BS, MS; Danielle A. Hogarth, BS; Niyathi Prasad, MD,BS; Casey M. Codd, BA, Paul D. Sponseller, MD,FAAOS, Children's Bloomberg Center; Christine A. Ho, MD,FAAOS, Texas Scottish Rite Hospital For Children; Joshua M. Abzug, MD,FAAOS, [\(P0482\)](#)

### **Pediatric Compliance of Lower Extremity Weight-Bearing Restrictions following Injury**

Mark Haft, BS; Casey M. Codd, BA, Joshua M. Abzug, MD,FAAOS [\(P0478\)](#)

### **Reliability, Validity, and Responsiveness of a Novel Subscapularis Outcome Score**

Blessing Enobun, MBBS, MPH; Brian Shiu, MD,FAAOS, Kelly G. Kilcoyne, MD; Max Hamaker, MD, Mohit Gilotra, MD,MS,FAAOS, R Frank Henn, MD,FAAOS; Samir Kaveeshwar; Syed A. Hasan, MD,FAAOS, Umasuthan Srikumaran, MD, MBA, FAAOS. [\(P0311\)](#)

### **Predictors of Patient-Reported Outcomes Measurement Information System Physical Function Two Years after Elective Shoulder Surgery**

Darius Hunt; Gregory Perraut; Matheus B. Schneider, BS; Michael Livesey, MD; Mohit Gilotra, MD,MS,FAAOS, R Frank Henn, MD,FAAOS; Samir Kaveeshwar; Syed A. Hasan, MD,FAAOS, Tina Zhang, MD, [\(P0235\)](#)

### **Immediate Weight-Bearing after Revision Total Hip Arthroplasty for Periprosthetic Femur Fracture**

Aaron J. Johnson, MD, Patrick Mixa, MD, Rohan Gopinath, MD, Theodore T. Manson, MD,FAAOS; Timothy Costales, MD. [\(P0491\)](#)

[Thursday, March 24, 7:00 AM-5:00 pm \(Academy Hall\)](#)

### **Telemedicine Improves Access to Care for Spine Patients with Low Socioeconomic Status**

Ivan Ye, BS, Alexandra E. Thomson, MD,MPH, Vincent Miseo, MD; Julio J. Jauregui, MD, Daniel L. Cavanaugh, MD, FAAOS; Eugene Y. Koh, MD, PhD, FAAOS; Daniel E. Gelb, MD,FAAOS, Steven C. Ludwig, MD,FAAOS. [\(P0749\)](#)

### **Defining Completely Better Status through Patient-Reported Outcomes after Rotator Cuff Repair**

Daniel K. Rivkin, BS; Justin Kung; Logan Kolakowski, MD; Matheus B. Schneider, BS; Mohit Gilotra, MD,MS,FAAOS, R Frank Henn, MD,FAAOS; Samir Kaveeshwar; Seyede Zahra Mousavi, MD; Syed A. Hasan, MD,FAAOS, [\(P0737\)](#)

### **Development of Machine Learning Algorithms for Survival Prediction of Elderly with Femoral Neck Fractures based on HEALTH and FAITH Trials**

Daniel Axelrod, MD,MSc, McMaster University; David R. W. Macdonald; David W. Neilly, FRCS (Ortho),MBChB, Aberdeen Royal Infirmary; Diane Heels-Ansdell, MSc; Emil H. Schemitsch, MD,FAAOS, University of Western Ontario; Frank Ijpmma, MD, PhD; Frede Frihagen, MD,PhD, Sykehuset Østfold HF; Gerard Slobogean, MD, MPH, FAAOS, FRCSC, Hidde Dijkstra, BS; Iain Stevenson, MBChB,FRCS (Ortho), NHS; Jacobien Oosterhoff, MD, Massachusetts General Hospital; Job N. Doornberg, MD,PhD, University of Amsterdam Orthopaedic Residency Program; Laurent A. M. Hendrickx; Marc F. Swiontkowski, MD, Univ of Minnesota; Mohit Bhandari, MD, FRCSC, PhD, CLARITY Ortho Research; Nathan N. O'Hara, PhD, Prism Schneider, MD, PhD, FRCSC, Foothills Medical Centre; Rudolf W. Poolman, MD,PhD, OLVG; Shaikh M. Afaq, MD; Sheila Sprague, PhD, McMaster University; Sofia Bzovsky, MSc. [\(P0962\)](#)

