

**EOA Scientific Program  
October 17-19, 2024  
The Breakers  
Palm Beach, Florida**

(Presenters and times are subject to change)

**Guest State Society**  
New Jersey Orthopaedic Society

**Guest Specialty Society**  
Ruth Jackson Orthopaedic Society

**Thursday, October 17**

6:15 am – 6:45 am      **Scientific E-Poster Session and Self-Directed Learning**  
(Presenters will be available for questions)

6:45 am – 6:58 am      **First Business Meeting**

6:58 am – 7:00 am      **Welcome, Introduction of Program and Announcements**  
*Cynthia L. Emory, MD, MBA, Program Chair*

**Concurrent Symposium 1A – Periprosthetic Hip and Knee Fractures: Tips, Pitfalls and Bailouts**

**Moderators:** Ayesha Abdeen, MD, *Boston University*  
Geoffrey H. Westrich, MD, *Hospital for Special Surgery*

7:00 am – 7:07 am      Top Five Things You Need to Think About  
*Richard Yoon, MD, RWJ Barnabus*

7:07 am – 7:14 am      What You Should (and Shouldn't) Tackle in Your First Two Years  
*Suman Medda, MD, Atrium Health Musculoskeletal Institute*

7:14 am – 7:21 am      How Low Can You Go? Decision-Making to Fix or Replace Distal Femur Periprosthetic Fractures  
*Jaime Bellamy, DO, University of Missouri Kansas City*

7:21 am – 7:34 am      **Debate: Fix or Replace – Case Presentations and Discussion**  
*All Speakers and Moderators*

**Concurrent Symposium 1B – Current Topics in Sports**

**Moderators:** Claude T. Moorman, III, MD, *Atrium Health Musculoskeletal Institute, Wake Forest University School of Medicine*  
Eric J. Kropf, MD, *Atrium Health Musculoskeletal Institute, Wake Forest University School of Medicine*

7:00 am – 7:07 am	Cartilage Injury and Restoration <i>Robert L. Parisien, MD, Icahn School of Medicine at Mount Sinai</i>
7:07 am – 7:14 am	Management of ACL Injuries in the Skeletally Immature Athlete <i>Harris Slone, MD, Medical University of South Carolina</i>
7:14 am – 7:21 am	In-Season Management of Shoulder Instability <i>Kevin W. Farmer, MD, University of Florida</i>
7:21 am – 7:28 am	Posterolateral Corner Injury: The Dark Side of the Knee <i>Claude T. Moorman, MD, Atrium Health Musculoskeletal Institute, Wake Forest University School of Medicine</i>
7:28 am – 7:34 am	Discussion

### **General Session 1 – Preoperative Optimization**

**Moderators:** Danielle Y. Ponzio, MD, *Rothman Orthopaedic Institute*  
Claudette M. Lajam, MD, *NYU Langone*

*\*CME Credit Not Available*

7:35 am – 7:42 am	Updates in Risk Stratification and Co-Morbidities <i>Molly A. Hartzler, MD, Wake Forest University School of Medicine</i>
7:42 am – 7:49 am	Married to Medications: To Have and To Hold <i>Arjun Saxena, MD, MBA, Rothman Orthopaedic Institute</i>
7:49 am – 7:56 am	Prehab: What Does the Data Show? <i>Sumon Nandi, MD, MBA, University of Maryland School of Medicine</i>
7:56 am – 8:05 am	Discussion
8:05 am – 8:35 am	<b>Focused Breakfast Presentation – DT MedSurg</b> <i>*CME Credit Not Available</i>

### **RAPID FIRE SESSION 1A – Adult Reconstruction**

**Moderators:** Amar S. Ranawat, MD, *Hospital for Special Surgery*  
Ajay Premkumar, MD, MPH, *Emory University School of Medicine*

8:40 am – 8:44 am	116 - PCL Preservation vs Sacrifice: Outcomes in Medial Congruent TKA <i>Farideh Najafi, MD, Total Joint Specialists</i>
8:44 am – 8:48 am	1037 - The Impact of Previous Lumbar Spine Surgery on Primary Total Hip Arthroplasty: Minimum 2- Outcomes Controlling for Approach and Technology <i>Roger Quesada-Jimenez, MD, American Hip Institute</i>
8:48 am – 8:52 am	1041 - Long-Term Patient-Reported Outcomes of Hip Arthroplasty

after Previous Hip Arthroscopy: A Matched Case-control Study  
with a Minimum 10-Year Follow-Up  
*Roger Quesada-Jimenez, MD, American Hip Institute*

8:52 am – 8:56 am      **EOEF Resident Travel Grant Award**  
492 - Long-Term Follow-Up Outcomes on Modular Dual Mobility  
Total Hip Arthroplasty  
*Nicolina Zapple, BA, Rothman Orthopaedic Institute*

8:56 am – 9:00 am      **EOEF Resident Travel Grant Award**  
723 - Closed-Incision Negative-Pressure Therapy after Revision  
Total Hip and Knee Arthroplasty  
*Johannes M. Herold, MD, Hospital for Special Surgery*

9:00 am – 9:05 am      Discussion

9:05 am – 9:09 am      **EOEF Young Investigator Award**  
245 - Tranexamic Acid During Total Joint Arthroplasty: Safety in  
Renal Disease  
*Joshua Rozell, MD, NYU Langone Health*

9:09 am – 9:13 am      **EOEF Geoffrey H. Westrich, MD Travel Grant**  
572 - Robotic-Assisted vs. Manual Conversion of Unicondylar  
Knee Arthroplasty  
*Nicholas L. Kolodychuk, MD, Columbia University Irving Medical  
Center*

9:13 am – 9:17 am      940 - Unplanned Healthcare After TJA Are More Common Than We  
Think  
*James J. Gregory, MD, Dartmouth-Hitchcock Medical Center*

9:17 am – 9:21 am      531 - Impact of the Weekend Effect on Elective Total Joint  
Arthroplasty Outcomes in the United States  
*Amir Human Hoveidaei, MD, MSc, Rubin Institute for Advanced  
Orthopedics*

9:21 am – 9:25 am      338 - Ipsilateral Cross-Arm Maneuver: Strategy to Mitigate  
Intraoperative Hypothermia in TKA  
*Yagiz Ozdag, MD, Geisinger Health System*

9:25 am – 9:30 am      Discussion

#### **RAPID FIRE SESSION 1B – Hand**

**Moderators:** Susanne M. Roberts, MD, *Columbia University*  
Keith T. Aziz, MD, *Mayo Clinic*

8:40 am – 8:44 am      795 - Trapeziometacarpal Joint Osteoarthritis Nonoperative  
Management: Systematic Review of Pain Outcomes  
*Nikita Golovachev, BS, Rothman Orthopaedics at AdventHealth*

- 8:44 am – 8:48 am 1103 - Outcomes Following Dorsal Bridge Fixation to the Second vs. Third Metacarpal  
*Thomas John Carroll, MD, University of Rochester Medical Center*
- 8:48 am – 8:52 am 228 - The Effect of NSAIDS on Union Rates after Operative Fixation of DRFs  
*Michael Chang, BA, Rothman Orthopaedic Institute*
- 8:52 am – 8:56 am 803 - Pronator Quadratus Repair on Flexor Tendon Rupture Incidence Following ORIF  
*Nikita Golovachev, BS, Rothman Orthopaedics at AdventHealth*
- 8:56 am – 9:00 am 694 - Patient and Injury-Specific Factors Impact Outcomes Following Flexor Tendon Repair  
*Andrew Rodenhouse, MD, University of Rochester Medical Center*
- 9:00 am – 9:05 am Discussion
- 9:05 am – 9:09 am 86 - Artificial Neural Network Analysis of Operative Efficiency in Open and Endoscopic Carpal Tunnel Release Surgeries  
*Vidushan Nadarajah, MD, Howard University Hospital*
- 9:09 am – 9:13 am 82 - Cannabis Related Disorders & Opioid Use Following Carpal Tunnel Release  
*Kirstin Humble, MD, Penn State Health Milton S. Hershey Medical Center*
- 9:13 am – 9:17 am 673 - Increasing Polymicrobial Upper Extremity Infections with the Emergence of Xylazine  
*Etka Kurucan, MD, Temple University Hospital*
- 9:17 am – 9:21 am 11 - Trigger Finger Release: Who Requires Flexor Digitorum Superficialis Hemi-slip Excision?  
*Stephanie Kwan, DO, Jefferson Health New Jersey*  
*\*Presented by Tia Alexander, DO*
- 9:21 am – 9:25 am 470 - Prevalence of Carpal Tunnel Anatomical Anomalies Encountered during Endoscopic Decompression  
*Salvatore Capotosto, BS, Stony Brook University School of Medicine*  
*\*Presented by Justin Luis, MD*
- 9:25 am – 9:30 am Discussion

### **RAPID FIRE SESSION 1C – Spine**

**Moderators:** Robert Norton, MD, *Florida Spine Associates*  
Andrew H. Milby, MD, *Emory University*

- 8:40 am – 8:44 am **EOEF Cynthia L. Emory, MD, MBA Travel Grant**  
110 - Obesity Does Not Impact Clinical Outcomes in ACDR  
*Stuart Changoor, MD, St. Joseph's University Medical Center*
- 8:44 am – 8:48 am **EOEF Johannes F. Plate, MD Travel Grant**  
186 - Goutallier Grading Of Psoas-Major/Lumbar-Extensor  
Muscles To Predict Subsidence/Reoperation Following TLIF/PLIF  
*Alex Tang, MD, Geisinger Health System*
- 8:48 am – 8:52 am 573 - Risk of Noise Induced Hearing Loss in Pediatric Spine  
Surgery  
*Levi Buchan, DO, Jefferson Health New Jersey*  
*\*Presented by Adam Kohring, DO*
- 8:52 am – 8:56 am **EOEF Marc and Robin Levine Travel Grant**  
484 - Prevalence of Cervical Spondylosis in Patients Undergoing  
Cerebrovascular Accident Screening  
*Jack M. Ayres, MD, Prisma Health/University of South Carolina  
School of Medicine*
- 8:56 am – 9:00 am 184 - Utility/Compliance Of Mobile-Applications For Home-  
Rehabilitation In Patients Undergoing TLIF  
*Matthew W. Parry, MD, MS, Geisinger Health System*
- 9:00 am – 9:05 am Discussion
- 9:05 am – 9:09 am 1092 - Characteristics of Unilateral Cervical Spine Facet Fractures:  
A Case Series of Adult Trauma Patients  
*Danielle E. Chipman, BS, Jacobs School of Medicine and  
Biomedical Sciences*
- 9:09 am – 9:13 am 165 - Relationship between Fatty Infiltration, Frailty, and  
Outcomes After Spinal Surgery  
*Ronit Kulkarni, BS, Medical University of South Carolina*
- 9:13 am – 9:17 am 863 - Medicare Analysis: Trends in Adult Spinal Deformity  
Correction Surgery  
*Paul G. Mastrokostas, BA, BBA, SUNY Downstate Health Sciences  
University College of Medicine*
- 9:17 am – 9:21 am 446 - Antidepressant Use is Associated with Symptomatic  
Pseudarthrosis after Lumbar Fusion  
*Michael McCurdy, MD, Rothman Orthopaedic Institute*
- 9:21 am – 9:25 am 418 - Antidepressants, Gabapentinoids, and Opioid Consumption  
after Lumbar Fusion  
*Michael McCurdy, MD, Rothman Orthopaedics*

9:25 am – 9:30 am Discussion

**RAPID FIRE SESSION 1D – Foot and Ankle**

**Moderators:** Mark Yakavonis, MD, *Boston Medical Center*

Tara G. Moncman, DO, *Holy Cross Orthopedic Institute*

8:40 am – 8:44 am 1085 - Medicaid and Uninsured Patients Have Delayed Presentation And Surgical Treatment of Achilles Tendon Rupture  
*Omar Samara, MD, Rutgers University*

8:44 am – 8:48 am 527 - Prospective Evaluation of 4th Generation TAA with Patient Specific Instrumentation  
*Christopher E. Gross, MD, Medical University of South Carolina*

8:48 am – 8:52 am **EOEF Sameh A. Labib, MD Travel Grant**  
335 - Radiographic Predictors of Surgical Management of Symptomatic Calcaneal Spurs  
*Robert J. Magaldi, DO, Jefferson Health New Jersey*  
*\*Presented by Adam Kohring, DO*

8:52 am – 8:56 am 581 - Mid to Long-Term Outcomes of Ankle Replacement: A Systematic Review  
*Raymond J. Walls, MD, FRCS(Tr&Orth), NYU Langone Health*  
*\*Presented by Thelma Jiménez Mosquera, MD*

8:56 am – 9:00 am 501 - Effect of Preoperative Conditions and Fixation on Tibiotalocalcaneal Arthrodesis Outcomes  
*Daniel J. Scott, MBA, MD, Medical University of South Carolina*

9:00 am – 9:05 am Discussion

9:05 am – 9:09 am **EOEF Michael Ast, MD Travel Grant**  
664 - Impact of Preoperative Pes Planus on Hardware Removal Following First Metatarsophalangeal Joint Fusion: A Retrospective Analysis  
*William Dyke, MD, UNC Health*

9:09 am – 9:13 am 741 - Prolonged Opioid Use Associated with Surgical Timing  
*Samira Perez, BS, Icahn School of Medicine at Mount Sinai*  
*\*Presented by Charles Laurore, BA, MS*

9:13 am – 9:17 am **EOEF Robert Richards Jr., MD Travel Grant**  
63 - Gait in Controlled Ankle Movement (CAM) Walker Boot Using a Contralateral Shoe Lift  
*Daniel P. Murray, MD, Baptist Health Orthopedic Care*

9:17 am – 9:21 am 601 - Association of Radiographic Soft Tissue Thickness with Revision Total Ankle Arthroplasty following Primary Total Ankle Arthroplasty: A Minimum of 5-year Follow-up

*Kevin Wu, BS, Duke University School of Medicine*  
*\*Presented by Albert Anastasio, MD*

9:21 am – 9:25 am            29 - Comparison of MIS and Open Bunion Surgery in Older Patients  
*Allison L. Boden, MD, University of Louisville*

9:25 am – 9:30 am            Discussion

**RAPID FIRE SESSION 1E – Health Economics and Social Determinants of Health**

**Moderators:** Edward Jackson II, MD, *Emory University School of Medicine*  
Victor H. Hernandez, MD, MS, *University of Miami Miller School of Medicine*

8:40 am – 8:44 am            345 - Emergency Department Visits After Primary and Revision Lumbar Fusion: What Can We Do Better?  
*Omar H. Tarawneh, MS, Rothman Orthopaedics*

8:44 am – 8:48 am            652 - Predictors of Failing Same Day Discharge after Shoulder Arthroplasty  
*Ehab Nazzal, MD, University of Pittsburgh Medical Center*

8:48 am – 8:52 am            970 - Assessment of Food Insecurity and Other Social Determinants of Health in Orthopaedic Trauma Patients  
*Morgan E. Childress, BS, Wake Forest University School of Medicine*  
*\*Presented by Antonella Henson-Vendrell, BS*

8:52 am – 8:56 am            251 - Delaying the Inevitable? An Analysis of Utilization and Costs in the Year Prior to and Following Total Knee Arthroplasty  
*Elizabeth A. Abe, BA, Rothman Orthopaedic Institute*

8:56 am – 9:00 am            443 - Medicare Advantage Reimbursement for Revision Total Knee Arthroplasty May Be Inadequate  
*Nehir Parikh, BS, Rothman Orthopaedic Institute*  
*\*Presented by Nikki A. Doerr, DO*

9:00 am – 9:05 am            Discussion

9:05 am – 9:09 am            339 - Healthcare Costs for Ankle Brostrom Repair after Varying Periods of Non-Surgical Management  
*Jenny Nguyen, BSE, Emory Orthopedics*

9:09 am – 9:13 am            901 - The Interaction of Socioeconomic Deprivation and Treatment of Patellar Instability  
*Heath P. Gould, MD, MedStar Orthopaedic Institute (Union Memorial Hospital)*

9:13 am – 9:17 am            337 - Impact of Resilience on Outcomes of Total Ankle Arthroplasty

*Joseph McCahon, DO, Jefferson Health New Jersey*  
*\*Presented by Tara Moncman, DO*

9:17 am – 9:21 am      101 - Ballistic Open Fracture: Effects of Race and Poverty Status  
*Ellen E. Lutnick, MD, University at Buffalo Jacobs School of  
Medicine and Biomedical Sciences*  
*\*Presented by Andrew Ngov, BS*

9:21 am – 9:25 am      617 - Who is Still Being Discharged to Facility Following Total  
Knee Arthroplasty in 2024?  
*Braden V. Saba, BA, NYU Langone Health*

9:25 am – 9:30 am      Discussion

9:30 am – 10:00 am      **BREAK – Visit exhibits**

**General Session 2 – Award Abstract Presentations**

**Moderators:** Sameh A. Labib, MD, *Emory University*  
Anil S. Ranawat, MD, *Hospital for Special Surgery*

10:00 am – 10:06 am      **EOEF Founders' Award**  
844 - Liposomal Bupivacaine Supraclavicular Nerve Blocks for  
Post-operative Analgesia in Upper Extremity Surgery  
*Samantha N. Weiss, MD, St. Luke's University Health Network*

10:06 am – 10:12 am      **EOEF Ranawat Award**  
449 - Smaller Width Quadriceps Tendon Grafts Maintain  
Advantageous Biomechanical Properties  
*Richard C Lee, MD, Walter Reed National Military Medical  
Center*

10:12 am – 10:17 am      Discussion

10:17 am – 10:23 am      **EOEF John D. & Marie S. Kelly Shoulder Award**  
1151 - Patient Factors Impacting Length of Stay after Total  
Shoulder Arthroplasty  
*Taylor R. Wood, MD, Wake Forest University School of Medicine*

10:23 am – 10:29 am      **EOEF Parvizi Musculoskeletal Infection Award**  
214 - Effects of GLP-1 Agonist Therapy in Primary Total Joint  
Arthroplasty  
*Michael F. Levidy, MD, Penn State Health Milton S. Hershey  
Medical Center*

10:29 am – 10:35 am      **EOEF Richmond Arthroscopy/Sports Medicine Award**  
632 - Does the Use of a Tourniquet Influence Five-Year Outcomes  
following Total Knee Arthroplasty? Results of a Randomized  
Controlled Trial  
*Braden V. Saba, BA, NYU Langone Health*

10:35 am – 10:41 am **EOEF Cynthia Lichtefeld Resident/Fellow Travel Grant Award**

85 - Quantifying Influence: The Orthopaedic PAC's Impact Explored through Analysis of FEC Data  
*Vidushan Nadarajah, MD, Howard University Hospital*

10:41 am – 10:50 am Discussion

10:50 am – 11:00 am **Featured Future Leaders – EOA Resident/Fellow Board Member Experience**

*Stephen R. Barchick, MD, Emory University*  
*Alexus M. Cooper, MD, Wake Forest University School of Medicine*

### **General Session 3 – In the Hot Seat**

**Moderator:** Kevin D. Plancher, MD, MPH, *Plancher Ortho & Sports Medicine*

**Panelists:** *Jenna Bernstein, MD, Connecticut Orthopaedics*  
*Michael P. Bolognesi, MD, Duke University School of Medicine*  
*Charles A. DeCook, MD, Total Joint Specialists*

11:00 am – 11:20 am **Case Discussions and Controversies**

### **General Session 4 – Presidential Guest Speaker: Dr. Javad Parvizi**

**Moderator:** John P. McConnell, MD, *OrthoVirginia*

11:25 am – 11:30 am Introduction of the Presidential Guest Speaker  
*John P. McConnell, MD, OrthoVirginia*

11:30 am – 12:00 pm Orthopedic Infections: Time to Think Outside the Box  
*Javad Parvizi, MD, FRCS, Acibadem University, Istanbul*

### **General Session 5 – ABOS, OREF, and AAOS Updates**

**Moderator:** Richard M. Wilk, MD, *Mass General Brigham*

*\*CME Credit Not Available*

12:00 am – 12:10 pm ABOS Update  
*David F. Martin, MD, American Board of Orthopaedic Surgery*

12:10 pm – 12:15 pm OREF Report  
*Lee Grossman, Chief Executive Officer, OREF*

12:15 pm – 12:25 pm AAOS Update (Virtual)  
*TBD*

12:25 pm – 12:55 pm **Focused Lunch Presentation – Heron Pharmaceuticals**

*\*CME Credit Not Available*

Title TBD

Speaker TBD\*

## **RAPID FIRE SESSION 2A – Adult Reconstruction**

**Moderators:** Jack Steele, MD, *University of Maryland School of Medicine*  
Joshua C. Rozell, MD, *NYU Langone Health*

- 1:00 pm – 1:04 pm            147 - A Failed Trial of Selective Patellar Resurfacing during Primary Total Knee Arthroplasty  
*H. John Cooper, MD, Columbia University Medical Center*
- 1:04 pm – 1:08 pm            1099 - The Effect of Implant Constraint and Ligament Repair on Compartment Balancing after Medial Collateral Ligament Injury During Total Knee Arthroplasty  
*Alirio J. deMeireles, MD, MBA, Columbia University*
- 1:08 pm – 1:12 pm            **EOEF/OREF Resident Travel Grant Award**  
965 - Preoperative GLP-1 Agonists Utilization for Morbidly Obese Patients Undergoing THA  
*Billy Kim, MD, Hospital for Special Surgery*
- 1:12 pm – 1:16 pm            **EOEF Thomas R. Bowen, MD Travel Grant**  
555 - Half Dose Oral Anticoagulants Following TJA: A Pilot Study  
*Adam Lencer, DO, Jefferson Health New Jersey*
- 1:16 pm – 1:20 pm            Discussion
- 1:20 pm – 1:24 pm            1027 - Outcomes after Primary Total Hip Arthroplasty for Labral Tears  
*Alaka Gorur, BS, Columbia University Irving Medical Center*
- 1:24 pm – 1:28 pm            134 - Continuing Home Oral Hypoglycemic Medications Was Associated with Superior Post-operative Glycemic Control After THA  
*Justin Leal, BS, Duke University*
- 1:28 pm – 1:32 pm            276 - Proximal Femoral Replacements for Salvage Treatment in Non-Oncologic Bone Loss  
*Sonia K. Chandi, MD, Hospital for Special Surgery*
- 1:32 pm – 1:36 pm            254 - Steroid Injections in Patients with Mild, Moderate, and Severe Hip Osteoarthritis: High Risk, Low Reward  
*Nehir Parikh, BS, Rothman Orthopaedic Institute*  
*\*Presented by Alan D. Lam, BS*
- 1:36 pm – 1:40 pm            133 - Unsuspected Positive Intraoperative Cultures in Aseptic Revision Hip Arthroplasty  
*Christine J. Wu, MD, Duke University*

1:40 pm – 1:45 pm Discussion

**RAPID FIRE SESSION 2B – Practice Management**

**Moderators:** *Peter Mangone, MD, University of Pittsburgh Medical Center*  
*Michael Ast, MD, Hospital for Special Surgery*

1:00 pm – 1:04 pm 221 - Political Affiliation, Certificate of Need, Medicaid Expansion, and the Association with Total Hip Arthroplasty Prices Across the United States  
*Katherine M. Kutzer, BS, Duke University School of Medicine*

1:04 pm – 1:08 pm **EOEF Resident Travel Grant Award**  
917 - Medical Malpractice Litigation Following Treatment of Hip Fractures  
*Martinus Megalla, MD, University of Connecticut*

1:08 pm – 1:12 pm 310 - More Money, More Problems: Prior Authorization is a Barrier to Cost-Effective Care in Patients Undergoing Primary Total Knee Arthroplasty  
*Elizabeth A. Abe, BA, Rothman Orthopaedic Institute*

1:12 pm – 1:16 pm 331 - Does Artificial Intelligence Influence Billing in Orthopaedic Hand Surgery?  
*Tiffany N. Bridges, DO, Jefferson Health New Jersey*  
*\*Presented by Tia Alexander, DO*

1:16 pm – 1:20 pm Discussion

1:20 pm – 1:24 pm 463 - Trends in Extended Oral Antibiotic Prophylaxis Utilization Following Total Knee Arthroplasty from 2010 to 2021  
*Amy Zhao, BA, George Washington University*

1:24 pm – 1:28 pm **Ruth Jackson Orthopaedic Society Travel Grant Award**  
779 - Disparities in Annual and Lifetime Salary Compensation Among Orthopaedic Sports Medicine Faculty at US Medical Schools  
*Jason Silvestre, MD, Medical University of South Carolina*

1:28 pm – 1:32 pm 887 - Are Postcast Removal Radiographs Necessary in the Management of Nondisplaced Distal-Radius Fractures  
*Brian Molokwu, BA, MS, Rutgers New Jersey Medical School*  
*\*Presented by Fareeda Eraky, BA*

1:32 pm – 1:36 pm **EOEF Resident Travel Grant Award**  
87 - Efficacy and Safety of a Patient Selection Tool at Predicted Discharge at an Ambulatory Surgical Center: A Pilot Study  
*Lucas Bartlett, DO, Northwell Health*

1:36 pm – 1:40 pm 115 - Robotic-Assisted vs. Manual UKA: Analysis of Trends,

Costs, Revision Rates  
*Mary Jane McConnell, BS, Total Joint Specialists*

1:40 pm – 1:45 pm Discussion

**RAPID FIRE SESSION 2C – Trauma**

**Moderators:** Lisa Canada, MD, *Novant Health*  
Abhishek Ganta, MD, *NYU Langone Health*

1:00 pm – 1:04 pm 48 - Interprosthetic Femur Fractures: A Multi-Center Retrospective Study  
*Lisa K. Cannada, MD, Novant Health*

1:04 pm – 1:08 pm 826 - Outcomes of Standard vs. Low-Profile Screws in Intramedullary Tibia Nailing  
*Jonathan Arias, MD, University of Florida College of Medicine*  
*\*Presented by Nicolas E. Giusti, MD*

1:08 pm – 1:12 pm 475 - Safety, Efficacy & Use of ViviGen Viable Bone Matrix Allograft in Orthopaedic Fracture Care: A Multicenter Retrospective Cohort  
*Richard Yoon, MD, RWJ / Barnabas Health*

1:12 pm – 1:16 pm 444 - Time to Revascularization and Ischemic Lower Extremity Open Fractures  
*Umar A. Khan, MD, Walter Reed National Military Medical Center*

1:16 pm – 1:20 pm Discussion

1:20 pm – 1:24 pm 290 - Rising Rates of Traumatic Fractures Among Mountain Bikers  
*Niklas H. Koehne, BA, Icahn School of Medicine at Mount Sinai*

1:24 pm – 1:28 pm 980 - Treatment of Humeral Shaft Fractures (OTA Type 12): What the Patient Needs to Know for Shared Decision-Making  
*Matthew Sgaglione, BA, Donald and Barbara Zucker School of Medicine*

1:28 pm – 1:32 pm 582 - Does the Use of Low-Dose Chlorhexidine Gluconate Irrigation for Hip Fractures Undergoing Arthroplasty Optimize Surgical Site Infections?  
*Richard Yoon, MD, RWJ / Barnabas Health*

1:32 pm – 1:36 pm 1083 - Volar vs. Dorsal Bridge Plating for Comminuted Distal Radius Fractures  
*Thomas John Carroll, MD, University of Rochester Medical Center*

1:36 pm – 1:40 pm 640 - Disparities in Anesthetic Technique in ORIF of Distal Radius Fractures  
*Nicolas E. Giusti, MD, Mayo Clinic Florida*

1:40 pm – 1:45 pm Discussion

**RAPID FIRE SESSION 2D – Sports**

**Moderators:** Robert L. Parisien, MD, *Mt. Sinai*  
Richard M. Wilk, MD, *Mass General Brigham*

1:00 pm – 1:04 pm 816 - Effects of Melatonin on Sleep Quality following Arthroscopic Rotator Cuff Surgery: A Prospective, Randomized Controlled Trial  
*Andres R. Perez, BA, Rothman Orthopaedic Institute*  
*\*Presented by Gaston Davis, BS*

1:04 pm – 1:08 pm 1048 - Tibial Tubercle Osteotomy: Does MPFL Reconstruction Affect Complication Rates?  
*Charles C. White, MD, University of Tennessee College of Medicine Chattanooga*  
*\*Presented by Andrew Wilson, MS*

1:08 pm – 1:12 pm **EOEF Joshua Baumfeld, MD Travel Grant**  
1104 - Contact Pressure and Kinematics of Medial Patellofemoral Complex Reconstruction Techniques  
*Alex E White, MD, Hospital for Special Surgery*

1:12 pm – 1:16 pm **EOEF Richard Wilk, MD Travel Grant**  
713 - Age Differences in Revision Rates After ACL Repair Compared to ACLR: A Systematic Review and Meta-Analysis  
*Sebastian Rilk, MD, Hospital for Special Surgery*  
*\*Presented by Maximilian Müller, MD*

1:16 pm – 1:20 pm Discussion

1:20 pm – 1:24 pm 1010 - Postoperative Tunnel Widening Following ACL Reconstruction with Quadriceps Tendon Autograft  
*Cody C. Ashy, MD, Medical University of South Carolina*  
*\*Presented by Mary-Katherine Lynch, MD*

1:24 pm – 1:28 pm **EOEF John D. Kelly, IV, MD Travel Grant**  
727 - Trochlear Dysplasia and RTS following MPFL Reconstruction  
*Luilly Vargas MD, NYU Langone Orthopedics*

1:28 pm – 1:32 pm **EOEF Neil P. Sheth, MD Travel Grant**  
336 - Pickleball and the Rising Incidence of Achilles Tendon Injuries in the Elderly  
*Mark Miller, DO, Jefferson Health New Jersey*

1:32 pm – 1:36 pm                    **EOEF Resident Travel Grant Award**  
148 - Prognostic Factors for Failure after Primary Arthroscopic Anterior Stabilization  
*Stephanie A. Boden, MD, University of Pittsburgh Medical Center*

1:36 pm – 1:40 pm                    **EOEF/OREF Resident Travel Grant Awards**  
481 - MRI Prediction of Five-Strand Hamstring Autograft Diameter for ACL Reconstruction  
*Jack M. Ayres, MD, Prisma Health/University of South Carolina School of Medicine*

1:40 pm – 1:45 pm                    Discussion

**RAPID FIRE SESSION 2E – Tumor, Infection and Basic Science**

**Moderators:** Christina Gutowski, MD, MPH, *Cooper University Healthcare*  
Tae Won B. Kim, MD, *Cooper University*

1:00 pm – 1:04 pm                    585 - Percutaneous Tendon Fastener in an Ovine Rotator Cuff Model  
*Mark Miller, DO, Jefferson Health New Jersey*

1:04 pm – 1:08 pm                    1028 - Can Knee-CT Detect Osteopenia and Osteoporosis? A Diagnostic Accuracy Study  
*Craig E. Klinger, BA, Hospital for Special Surgery*

1:08 pm – 1:12 pm                    883 - Elution and Antibacterial Properties of 3D Printed Bone Cement Beads  
*Vivek Bilolikar, MD, Jefferson Einstein Hospital*

1:12 pm – 1:16 pm                    749 - Elevated MCP-1 is Associated with Failure after Meniscus Surgery  
*Isabel Wolfe, BS, NYU Langone Orthopedics*  
*\*Presented by Griffith Gosnell*

1:16 pm – 1:20 pm                    Discussion

1:20 pm – 1:24 pm                    230 - Analysis of Pexidartinib Phase 3 ENLIVEN Trial by Surgical History  
*John Healey, MD, FACS, Memorial Sloan Kettering Cancer Center and Weill Cornell Medical College*

1:24 pm – 1:28 pm                    577 - Surgical Management of Metastatic Primary Bone and Soft Tissue Tumors Alter Survival: A NCDB Analysis  
*Rosamaria Dias, BA, Rutgers New Jersey Medical School*  
*\*Presented by Ashley Castan, MS*

1:28 pm – 1:32 pm                    827 - Single-Stage vs. Two-Stage IMN for Synchronous Bilateral Pathologic Femur Fractures

*Joydeep Baidya, BS, Downstate Health Sciences University*

1:32 pm – 1:36 pm            839 - Septic Arthritis: Can Web-Based Calculators Help Make the Right Call?  
*Rachel Seymour, PhD, Atrium Health Musculoskeletal Institute*  
*\*Presented by Joseph Burger, MD*

1:36 pm – 1:40 pm            915 - Association Between Organism and Outcome in Septic Long Bone Nonunion  
*Kathryn Barth, MD, BA, Hospital for Special Surgery*  
*\*Presented by Robert E. Bilodeau, BS*

1:40 pm – 1:45 pm            Discussion

**Concurrent Symposium 2A – Trainees: Preparing for What’s Next**

**Moderator:** Richard Yoon, MD, *RWJ Barnabus*

**Panelists:**     *Stephen R. Barchick, MD, Emory University*  
                      *Alexus M. Cooper, MD, Wake Forest University School of Medicine*

1:50 pm – 1:58 pm            What All Residents and Fellows Should Know

1:58 pm – 2:10 pm            Advocating for Yourself in Your First Job

2:10 pm – 2:35 pm            Discussion

**Concurrent Symposium 2B – Early Career Panel: What You Need to Know About the First Three Years in Practice**

**Moderator:** Carl L. Herndon, MD, *Columbia University*

**Panelists:**     *Ilda Molloy, MD, MS, Yale University*  
                      *Nana O. Sarpong, MD, MBA, Columbia University*  
                      *Amy P. Trammell, MD, Atrium Health Musculoskeletal Institute*

1:50 pm – 2:20 pm            Panel Interviews

2:20 pm – 2:35 pm            Discussion

**Concurrent Panel 2C – Mid- and Late-Career Panel: Career Transitions**

**Moderator:** Jeffrey Kneisl, MD, *Atrium Health Musculoskeletal Institute, Wake Forest University School of Medicine*

**Panelists:**     *Sheila A. Conway, MD, Wake Forest University School of Medicine*  
                      *Leesa Galatz, MD, Icahn School of Medicine at Mount Sinai*  
                      *Edward Jackson II, MD, Emory University School of Medicine*  
                      *Peter Mangone, MD, University of Pittsburgh Medical Center*  
                      *Scott E. Porter, MD, MBA, Prisma Health University Medical Group*

1:50 pm – 2:00 pm            Career Phases and Transitions

*Jeffrey Kneisl, MD, Atrium Health Musculoskeletal Institute, Wake Forest University School of Medicine*

2:00 pm – 2:35 pm                      The Journey – Panel Discussion

**Concurrent Panel 2D – APP Panel**

**Moderators:** Melissa Childs, PA-C, *Emory Healthcare*  
Erica Falger, PA-C, *Hartford Healthcare*  
Jan Idzikowski, PA-C, *Partners in Performance*  
John Shilt, PA-C, *Atrium Health Wake Forest Baptist*

1:50 pm – 2:00 pm                      What's Next in My Career?

2:00 pm – 2:35 pm                      Practical Solutions for the Daily Headaches

2:35 pm – 2:55 pm                      **BREAK – Visit exhibits**

**General Session 6 – Sports Medicine and AI**

*\*This session is supported by the New Jersey Orthopaedic Society, EOA Guest State Society*

**Moderators:** Shepard R. Hurwitz, MD, *University of Virginia*  
Vincent K. McInerney, MD, *New Jersey Orthopaedic Institute*

2:55 pm – 3:02 pm                      Foot and Ankle Injuries in Sports, Application of AI  
*Selene G. Parekh, MD, MBA, Rothman Orthopaedic Institute*

3:02 pm – 3:09 pm                      Total Shoulder Arthroplasty in Sports, Application of AI  
*Vincent K. McInerney, MD, New Jersey Orthopaedic Institute*

3:09 pm – 3:25 pm                      Transgender Sports Policy and AI  
*Donna de Varona, Olympic Gold Medalist, USA Swimming*

3:25 pm – 3:30 pm                      Discussion

**Concurrent Symposium 3A – Shoulder Instability: Pearls and Pitfalls**

**Moderators:** John D. Kelly, MD, *University of Pennsylvania*  
Joshua A. Baumfeld, MD, *Lahey Hospital and Medical Center*

3:30 pm – 3:37 pm                      Anterior Shoulder Instability: Adult and Adolescent  
*Katherine J. Coyner, MD, MBA, University of Connecticut*

3:37 pm – 3:45 pm                      Multidirectional Shoulder Instability  
*Sandeep Mannava, MD, PhD, University of Rochester Medical Center*

3:45 pm – 4:00 pm                      Case Discussion

**Concurrent Symposium 3B – Lower Extremity Trauma: Pearls and Pitfalls**

**Moderators:** Rishin Kadakia, MD, *Emory Orthopaedics & Spine Center*

Lisa K. Cannada, MD, *Novant Health*

- 3:30 pm – 3:37 pm            The Nail-Plate Combination for Complex Fractures  
*Michael A. Maceroli, MD, Grady Health*
- 3:37 pm – 3:45 pm            Hip Fracture Fixation: Pearls, Pitfalls, and Precision  
*Christian A. Pean, MD, Duke University School of Medicine*
- 3:45 pm – 4:00 pm            Case Discussion
- 4:00 pm – 5:00 pm            **Scientific E-Poster Session and Self-Directed Learning**  
(Presenters will be available for questions)
- 5:00 pm – 6:00 pm            **Leadership Journey and Lessons Learned**  
*Kathy Truppi, President of Joint Replacement, Stryker*  
**Moderator:** *Cynthia L. Emory, MD, MBA, Wake Forest University*  
*School of Medicine*  
*\*CME Credit Not Available*
- (women of EOA photo to follow)*

## **Friday, October 18**

- 6:30 am – 7:00 am            **Scientific E-Poster Session and Self-Directed Learning**  
(Presenters will be available for questions)
- 7:00 am – 7:05 am            **Announcements**  
*Cynthia L. Emory, MD, MBA, Program Chair*

### **General Session 7 – OREF Legacy in the EOA**

**Moderators:** Thomas P. Sculco, MD, *Hospital for Special Surgery*

L. Andrew Komar, MD, *Wake Forest University School of Medicine*

*\*CME Credit Not Available*

- 7:05 am – 7:10 am            Longitudinal Career Support From OREF: A Case Study  
*Kurt R. Weiss, MD, University of Pittsburgh Medical Center*
- 7:10 am – 7:15 am            From Breakdown to Breakthrough: Navigating Skeletal Stem Cell  
Aging in Orthopaedic Surgery and Fracture Healing  
*Philipp Leucht, MD, NYU Langone Health*
- 7:15 am – 7:20 am            Translational Basic Science Research: The Experiences of a Part-  
Time, Amateurish Scientist  
*Christopher K. Kepler, MD, MBA, Rothman Orthopaedic Institute*
- 7:20 am – 7:25 am            Discussion
- 7:25 am – 7:35 am            **EOA Humanitarian and Outstanding Service Award**

## **Presentation**

*\*CME Credit Not Available*

7:35 am – 8:05 am

### **Focused Breakfast Presentation - Cervos**

*\*CME Credit Not Available*

Title TBD

Speaker TBD\*

## **RAPID FIRE SESSION 3A – Adult Reconstruction**

**Moderators:** *Mark J Lemos, MD, Boston University School of Medicine*

*Timothy G. Costales, MD, University of Pennsylvania*

8:10 am – 8:14 am

### **EOEF Mark J. Lemos, MD Travel Grant**

1018 – Comparative Analysis of Birmingham Hip Resurfacing: Minimum 2-Year Follow-Up Clinical Outcomes in Obese vs. Non-Obese Populations

*Roger Quesada-Jimenez, MD, American Hip Institute*

8:14 am – 8:18 am

### **EOEF Amar S. Ranawat, MD Travel Grant**

599 - Comparing Functional Recovery Between Total and Unicompartmental Knee Arthroplasty: A Prospective Apple Health Kit Study

*David N. Kugelman, MD, Duke University School of Medicine*

8:18 am – 8:22 am

143 - Periprosthetic Joint Infection: Are Patients Still Better Off Than If Primary Arthroplasty Had Not Been Performed?

*Justin Leal, BS, Duke University*

8:22 am – 8:26 am

502 - Does Melatonin Improve Sleep Following Primary Total Hip Arthroplasty: A Randomized, Double-Blind, Placebo-Controlled Trial

*Joshua Rozell, MD, NYU Langone Health*

8:26 am – 8:32 am

Discussion

8:32 am – 8:36 am

132 - Unsuspected Positive Intraoperative Cultures in Aseptic Revision Knee Arthroplasty

*Christine J. Wu, MD, Duke University*

8:36 am – 8:40 am

275 - Prior Femoral Canal Instrumentation is a Major Risk Factor for Distal Femoral Replacement Aseptic Loosening

*Colin C. Neitzke, BS, Hospital for Special Surgery*

8:40 am – 8:44 am

193 - Comparing Microbial-Pathogens/Survivorship Between Native and Prosthetic Hips Following Girdlestone-Resection Arthroplasty

*Alex Tang, MD, Geisinger Health System*

*\*Presented by Gabriel Makar, MD*

8:44 am – 8:48 am

811 - Evaluating PROMIS Score Ability to Predict Time to

Elective TKA

*Christopher Toussaint, MD, Prisma Health University of South Carolina*

*\*Presented by Braxton Bishop, BS*

8:48 am – 8:55 am Discussion

**RAPID FIRE SESSION 3B – Sports Medicine**

**Moderators:** Stephanie A. Boden, MD, *Rush University Medical Center*

Nicholas A. Sgaglione, MD, *Northwell Health*

8:10 am – 8:14 am **EOEF Anil S. Ranawat, MD Travel Grant**  
686 - The Influence of Tibial Length on Radiographic Posterior Tibial Slope Measurement  
*Sharif Garra, MD, NYU Langone*  
*\*Presented by Jose Perez, MD*

8:14 am – 8:18 am **EOEF Adam J. Rana, MD Travel Grant**  
674 - Outcomes following Transtibial Medial Meniscal Root Repair are Maintained at Long-Term  
*Charles C. Lin, MD, MS, NYU Langone Orthopedics*

8:18 am – 8:22 am **EOEF Resident Travel Grant Award**  
326 - Arthroscopic vs. Subpectoral Biceps Tenodesis Leads to Equivocal MCID  
*Dylan N. Greif, MD, University of Rochester Medical Center*

8:22 am – 8:26 am 1022 - Clinically Relevant Thresholds in Patient Reported Outcomes: Do Patient Expectations Evolve over Long Term Follow-up?  
*Tyler McCarroll, MD, American Hip Institute*  
*\*Presented by Elizabeth G. Walsh, BS*

8:26 am – 8:32 am Discussion

8:32 am – 8:36 am 149 - To Remplissage or Not to Remplissage: PIT Score Predicts Failure  
*Stephanie A. Boden, MD, University of Pittsburgh Medical Center*

8:36 am – 8:40 am 172 - Outcomes of Gluteus Medius Repair with and without Dermal Augmentation  
*Ryan Marder, BS, Seton Hall University*

8:40 am – 8:44 am 721 - HTO/DFO Return to Sport in High-Level Athletes  
*Michael Moore, BA, NYU Langone Orthopedics*  
*\*Presented by Laith M. Jazrawi, MD*

8:44 am – 8:48 am 12 - Hybrid Transepiphyseal ACL Reconstruction using Quadriceps Tendon Autograft in the Skeletally Immature Athlete:

Mid-Term Clinical Outcomes  
*Jesse Seilern und Aspang, MD, Emory University School of  
Medicine*

8:48 am – 8:55 am Discussion

**RAPID FIRE SESSION 3C – Pediatric**

**Moderators:** Christen M. Russo, MD, *Columbia University Medical Center*  
Mark Seeley, MD, *Geisinger College of Health Sciences*

8:10 am – 8:14 am 199 - Reduction in Re-operations for Pediatric Ankle Fractures  
using Bio-integrative Implants  
*David Y Lin, MD, FAAOS, The Pediatric Orthopedic Center*

8:14 am – 8:18 am 548 - Very Low Dose CT Navigation for Adolescent Idiopathic  
Scoliosis Surgery  
*Caroline Epstein, Nemours Children's Health*

8:18 am – 8:22 am 888 - Fracture Identification in Pediatric Wrist X-Rays with  
Machine Learning  
*Emily Feng, BS, Drexel University College of Medicine*

8:22 am – 8:26 am 1068 - Is Radiographic Follow Up Necessary Postoperatively for  
Tibial Tubercle Fixation?  
*Hyewon Kim, MD, Rutgers - NJMS*

8:26 am – 8:32 am Discussion

8:32 am – 8:36 am 592 - Dual S1 and S2 Sacroiliac Screw Fixation for Early-Onset  
Scoliosis  
*Caroline Epstein, Nemours Children's Health*  
*\*Presented by Ketrick Lacoste, MD*

8:36 am – 8:40 am 920 - Pediatric Orthopedic Surgeons Manage Pediatric Diaphyseal  
Clavicle Fractures Differently Than Non-Pediatric Orthopedic  
Specialists  
*Margaret Higgins, MD, St Luke's Heath Network*

8:40 am – 8:44 am 200 - Not Too Old to Be Flexible: Humeral Shaft Fractures of  
Adolescents  
*Katherine D. Drexelius, MD, Atrium Health Musculoskeletal  
Institute*

8:44 am – 8:48 am 306 - Trends and Economic Implications of Management of  
Pediatric Forearm Fractures  
*Ryan Lebens, BS, Stony Brook University Hospital*

8:48 am – 8:55 am Discussion

### **RAPID FIRE SESSION 3D – Shoulder & Elbow**

**Moderators:** Brian T. Samuelsen, MD, MBA, *Lahey Health*  
Robert Gillis, MD, *Gettysburg Orthopaedics*

- 8:10 am – 8:14 am            36 - The Effect on Patient Reported Outcomes with Lateralization of after Anatomic Total Shoulder Arthroplasty  
*J. Brett Goodloe, MD, VCU Health*
- 8:14 am – 8:18 am            39 - Incidence and 30- and 90-day Readmission Rates After Revision Shoulder Arthroplasty  
*Tej Joshi, MD, Rutgers Health New Jersey Medical School*
- 8:18 am – 8:22 am            167- PROMs After Undergoing Biceps Tenodesis with Open and Arthroscopic Approaches  
*Ryan Marder, BS, Seton Hall University*
- 8:22 am – 8:26 am            178 - Second-Step Opioids; Less MME, Improved Pain following Rotator Cuff Repair  
*William Baker, DO, Rowan University School of Osteopathic Medicine*
- 8:26 am – 8:32 am            Discussion
- 8:32 am – 8:36 am            680 - Outcomes of Open Elbow Contracture Release for the Stiff Elbow  
*Jose Moises Gutierrez-Naranjo, MD, Hospital for Special Surgery*
- 8:36 am – 8:40 am            834 - Periprosthetic Joint Infection of Reverse Shoulder Arthroplasty Following Cuff Repair  
*Jacob Mogerman, Jacobs School of Medicine and Biomedical Sciences*
- 8:40 am – 8:44 am            861 - Ten-Year Shoulder Arthroplasty Trends Across a Large Health System  
*Aaron M. Atlas, DO, MS, Northwell Health*
- 8:44 am – 8:48 am            233 - Effect of Osteoporosis on Rotator Cuff Repair Outcomes: A TriNetX Study  
*Parimal Rana, MD, Luminis Health Anne Arundel Medical Center*
- 8:48 am – 8:55 am            Discussion

### **RAPID FIRE SESSION 3E – Practice Management/Education**

**Moderators:** Allison L. Boden, MD *University of Louisville*  
Sheila A. Conway, MD, *Wake Forest University School of Medicine*

- 8:10 am – 8:14 am            752 - Orthopaedic Surgical Ergonomics and Occupational MSK Injuries: A Meta-analysis  
*Nikhil Vasireddi, MHA, Case Western Reserve School of Medicine*

- 8:14 am – 8:18 am            234 - Does Social Media Use Impact Online Ratings Among Shoulder/Elbow Surgeons?  
*Daniel Calem, MD, Rutgers Health New Jersey Medical School*
- 8:18 am – 8:22 am            1008 - Evolving Trends in Orthopedic Residency Match  
Composition: A 17-Year Analysis  
*Anisha Tyagi, BS, RWJMS*
- 8:22 am – 8:26 am            318 - A Comparison of Industry vs. NIH Funding for Orthopaedic Surgery Research  
*Mitchell K. Ng, MD, Maimonides Medical Center*  
*\*Presented by Gabriel Lama, MD*
- 8:26 am – 8:32 am            Discussion
- 8:32 am – 8:36 am            1154 - Medical Student Interest in Orthopaedics Before and After Sawbones Lab  
*Sarah Powell, MD, UNMC*
- 8:36 am – 8:40 am            77 - Pre-Procedural Transition Unit: Improving Capacity Management During High Census Times  
*Ameen Barghi, MD, MPP, Wake Forest University School of Medicine*
- 8:40 am – 8:44 am            830 - Distance Traveled: Effects of Early Musculoskeletal Education in URiM High School Students  
*Grace C. Plassche, Orthopaedic Foundation*
- 8:44 am – 8:48 am            1131 - Does a Dual-Surgeon Approach Improve Spinal Fusion Outcomes in Adolescents?  
*Nicholas Taylor, BA, Albany Medical Center*
- 8:48 am – 8:55 am            Discussion
- 8:55 am – 9:25 am            **BREAK – Visit exhibits**

**General Session 8 – Subspecialty Updates: Top Five Things You Can't Miss on Call**

**Moderator:** Thomas R. Bowen, MD, *Geisinger Medical Center*

- 9:25 am – 9:35 am            Infection  
*Thorsten M. Seyler, MD, PhD, Duke University*
- 9:35 am – 9:45 am            Hand and Upper Extremity  
*Maureen A. O'Shaughnessy, MD, University of Kentucky School of Medicine*
- 9:45 am – 9:55 am            Trauma  
*Marissa Bonyun, MD, MEd, FRCSC, University of Maryland*

*School of Medicine*

- 9:55 am – 10:05 am      Foot and Ankle  
*Elizabeth A. Martin, MD, ScM, Brigham and Women's*
- 10:05 am – 10:15 am      Pediatrics  
*Mark Seeley, MD, Geisinger College of Health Sciences*
- 10:15 am – 10:25 am      Oncology  
*Adam Levin, MD, Johns Hopkins University*

**Concurrent Symposium 4A – The Geriatric Trauma Patient**

**Moderators:** David W. Romness, MD, *OrthoVirginia*  
Jillian Kazley, MD, *Beth Israel Lahey Health*

- 10:30 am – 10:38 am      Femoral Neck Fracture Management: Not Everyone Gets a Hemi  
*Courtney Bell, MD, Indiana Joint Replacement Institute*
- 10:38 am – 10:46 am      Bone Health Optimization Post-Fracture  
*Anne F. Lake, DNP, ONP-C, FNP-C, CCD, Atrium Health Wake Forest Baptist*
- 10:46 am – 10:52 am      Minimally-Invasive Approaches for Pelvic Fractures  
*Michael A. Maceroli, MD, Grady Health*
- 10:52 am – 11:00 am      Discussion

**Concurrent Symposium 4B – Technology Applications for Preoperative Planning in Upper Extremity and Foot and Ankle**

**Moderators:** Daniel Scott, MD, *Medical University of South Carolina*

- 10:30 am – 10:38 am      Upper Extremity  
*Anastasios Papadonikolakis, MD, PhD, Wake Forest University School of Medicine*
- 10:38 am – 10:46 am      Lower Extremity  
*Rishin K. Kadakia, Emory University School of Medicine*
- 10:52 am – 11:00 am      Case Discussion
- 11:00 am – 11:30 am      **BREAK – Visit exhibits**

**General Session 9 – Howard Steel Lecturer**

**Moderator:** John P. McConnell, MD, *OrthoVirginia*

*\*CME Credit Not Available*

- 11:30 am – 11:35 am      Introduction of Howard Steel Lecturer  
*John P. McConnell, MD, OrthoVirginia*

- 11:35 am – 12:20 pm      **Bringing Back the Dead: History, Memory, and the Legacy of World War II**  
*Rick Atkinson*
- 12:20 pm – 12:50 pm      **Focused Lunch Presentation – Smith & Nephew**  
*\*CME Credit Not Available*  
Title TBD  
Speaker TBD\*
- 12:50 pm – 2:50 pm      **Scientific E-Poster Session and Self-Directed Learning**  
(Presenters will be available for questions)
- 1:00 pm – 3:00 pm      **EOA Resident Course** – Resident / Fellow Primer for the Transition to Practice (Non-CME)  
Co-hosted with the Foundation for Physician Advancement  
*\*CME Credit Not Available*  
**Moderators:** *Jessica Woodcock, MD*  
*Richard Yoon, MD*  
*Susanne Roberts, MD*  
*Michael Ast, MD*
- 1:00 pm – 2:30 pm      Iovera Skills Lab – All APPs (preregistration required)  
*\*CME Credit Not Available*

## **Saturday, October 19**

- 6:30 am – 7:00 am      **Scientific E-Poster Session and Self-Directed Learning**  
(Presenters will be available for questions)
- 7:00 am – 7:05 am      **Program and Morning Announcements**  
*Cynthia L. Emory MD, MBA, Program Chair*
- Concurrent Symposium 5A – Hip Arthroplasty**  
**Moderators:** *F. Johannes Plate, MD, PhD, University of Pittsburgh Medical Center*  
*Adam J. Rana, MD, Maine Medical Center*
- 7:05 am – 7:12 am      Spinopelvic Relationship: Is Dual Mobility or Technology the Answer?  
*Thorsten M. Seyler, MD, PhD, Duke University Medical Center*
- 7:12 am – 7:19 am      Hybrid Total Hip Arthroplasty: Are We Cementing Enough Stems?  
*F. Johannes Plate, MD, PhD, University of Pittsburgh Medical Center*
- 7:19 am – 7:26 am      Conversion Total Hip Replacement: Primary or Revision Components?

*Michael E. Seem, MD, West Virginia University*

7:26 am – 7:35 am Discussion

**Concurrent Symposium 5B – Spine**

**Moderators:** John G. Heller, MD, *Emory University*

Steven C. Ludwig, MD, *University of Maryland Medical Center*

7:05 am – 7:12 am Pediatric Scoliosis Updates: Red Flags and Referral Tips  
*Nicholas D. Fletcher, MD, Emory University / Children's Healthcare of Atlanta*

7:12 am – 7:19 am Spine Trauma in Older Adults  
*Alexander R. Vaccaro, MD, PhD, MBA, Rothman Orthopaedic Institute*

7:19 am – 7:26 am Updates on Spine Biologics  
*Melissa M. Erickson, MD, Duke University School of Medicine*

7:26 am – 7:35 am Discussion

7:40 am – 7:50 am **Second Business Meeting**

*\*CME Credit Not Available*

**Symposium 6 – Practice Management**

**Moderators:** Erica Taylor, MD, MBA, *Duke University*

Cynthia L. Emory, MD, MBA, *Wake Forest University School of Medicine*

*\*CME Credit Not Available*

7:50 am – 8:00 am Women Orthopaedic Chairs: Trends, Insights, and Opportunities  
*Christen M. Russo, MD, Columbia University*

8:00 am – 8:10 am Recruiting the “n of 1”  
*MaCalus V. Hogan, MD, MBA University of Pittsburgh Medical Center*

8:10 am – 8:20 am Generational Gaps in Practice Partners: I Don't Get These People  
*Scott D. Boden, MD, Emory University School of Medicine*

8:20 am – 8:50 am **Focused Breakfast Presentation - Vertex**

*\*CME Credit Not Available*

Title TBD

Speaker TBD

**RAPID FIRE SESSION 4A – Pain Management in Adult Reconstruction and Trauma**

**Moderators:** Carl L. Herndon, MD, *Columbia University Medical Center*

Matthew Bullock, DO, MPT, *Marshall University*

8:55 am – 8:59 am 320 - Acute Tibial Shaft Fractures and Peripheral Nerve Blocks  
*Umar A Khan, MD, Walter Reed National Military Medical Center*

- 8:59 am – 9:03 am      550 - Use of Photodynamic Bone Stabilization Decreases Opiate Pain Requirement and Improves Ambulatory Status in Patients with Metastatic Bone Disease  
*Rosamaria Dias, BA, Rutgers New Jersey Medical School*  
*\*Presented by Ashley Castan, MS*
- 9:03 am – 9:07 am      430 - Kneeling After Total Knee Arthroplasty: Does Resurfacing the Patella Affect the Ability to Kneel?  
*Alexandra L. Hohmann, BA, Rothman Orthopaedic Institute*
- 9:07 am – 9:11 am      206 - Post-Operative Opioid Utilization after Surgery for Spinal Trauma  
*Andrew H. Milby, MD, Emory University*
- 9:07 am – 9:11 am      937 - Patient-Reported Effectiveness of Cannabis for Pain Control in Orthopaedic Patients  
*Marvin Pierre, BS, Temple University School of Medicine*  
*\*Presented by Robert C. Hoy MD, MS*
- 9:11 am – 9:19 am      Discussion
- 9:19 am – 9:23 am      846 - Preoperative Education Minimizes Postoperative Opioid Usage: A Systematic Review  
*Kevin Posner, BS, HMHN*
- 9:23 am – 9:27 am      907 - Obesity is an Independent Risk Factor for Pain-Associated Psychological Distress  
*Lucas W. Ashley, MS, Brody School of Medicine at East Carolina University*
- 9:27 am – 9:31 am      100 - The Effect of Preoperative Opioid Dependence on Outcomes Following TAA  
*Daniel J. Scott, MBA, MD, Medical University of South Carolina*
- 9:31 am – 9:35 am      912 - Circumferential Patellar Denervation does not Affect Unicompartamental Knee Arthroplasty Outcomes  
*Anastasia Gazgalis, BS, Columbia University Medical Center*
- 9:35 am – 9:40 am      Discussion

**RAPID FIRE SESSION 4B – Shoulder/Sports Medicine**

**Moderators:** Vani J. Sabesan, MD, *JFK / University of Miami*  
Adam T. Griffith, MD, *Midlands Orthopaedics & Neurosurgery*

- 8:55 am – 8:59 am      1153 - Total Shoulder Arthroplasty vs. Reverse Shoulder Arthroplasty in Primary Glenohumeral Osteoarthritis with Intact Rotator Cuffs  
*Neeraj Vij, MD, University of Kansas - Wichita*

- 8:59 am – 9:03 am 845 - SCR for IRCTs: Outcomes, Complications, and Reoperations at 5-Year Follow-up  
*Gabrilie Dykhouse, BS, Hospital for Special Surgery*
- 9:03 am – 9:07 am 456 - Optimizing Exposure of the Distal Humerus Articular Surface  
*Harrison R. Ferlauto, MD, Icahn School of Medicine at Mount Sinai*
- 9:07 am – 9:11 am 405 - Arthroscopic-Assisted Lower Trapezius Transfer vs. Superior Capsular Reconstruction for Treatment of Massive Irreparable Rotator Cuff Tears  
*Haley McKissack, MD, Emory University*  
*\*Presented by Krishna N. Chopra, MA*
- 9:11 am – 9:15 am Discussion
- 9:15 am – 9:19 am 647 - Mid-Term Outcomes Between First-Time Anterior Shoulder Subluxators and Dislocators  
*Ehab Nazzal, MD, University of Pittsburgh Medical Center*
- 9:19 am – 9:23 am 1146 - Analysis of Factors Influencing Anatomic Total Shoulder Arthroplasty Reconstruction  
*Kevin Salomon, BS, USF Morsani College of Medicine*  
*\*Presented by Kiran Kittur, BS*
- 9:23 am – 9:27 am 815 - The Efficacy of Trapezius Transfer for Massive Rotator Cuff Tears  
*Kush Savsani, BS, Virginia Commonwealth University*
- 9:27 am – 9:31 am 729 - Reverse Shoulder Arthroplasty Outcomes for Degenerative Joint Disease vs. Fracture  
*Aaron M. Atlas, DO, MS, Northwell Health*
- 9:31 am – 9:35 am 988 - Arthroscopy vs. PT for Labral Tears over 40 Years: An RCT  
*Stephen Gillinov, AB, Massachusetts General Hospital*  
*\*Presented by Jeffrey S. Mun, BA*
- 9:35 am – 9:40 am Discussion

#### **RAPID FIRE SESSION 4C – Technology and Biomechanics**

**Moderators:** Thomas R. Hickernell, MD, *Yale University*

Kerry Danelson, PhD, *Wake Forest University School of Medicine*

- 8:55 am – 8:59 am **EOEF John McConnell, MD Travel Grant**  
646 - Biomechanical Comparison of Cephalomedullary and Reconstruction Nails Used in the Treatment of Subtrochanteric

Femur Fractures

*Robert W. Gomez, MD, St. Luke's University Health Network*

8:59 am – 9:03 am

**EOEF Scott D. Boden, MD Travel Grant**

104 - Method of Pilot Hole Creation Alters ADCF Plate Pullout Strength in a Biomimetic Model

*Andrew B. Rees, MD, Atrium Health Musculoskeletal Institute*

9:03 am – 9:07 am

**EOEF/OREF Resident Travel Grant Award**

346 - Cervical Pedicle Inlet Screw Fixation: A Biomechanical Analysis of Newly Described Partial Pedicle Fixation Compared to Lateral Mass and Traditional Cervical Pedicle Screw Fixation

*Robby Turk, MD, MBA, Atrium Health Carolinas Medical Center*

9:07 am – 9:11 am

587 - Automated Scoliosis Classification from AI-enabled Spine Contouring and Cobb Angle Estimation

*Jennifer Yu, BS, Icahn School of Medicine at Mt. Sinai*

*\*Presented by Yash Lahoti, MSE, BAS*

9:11 am – 9:15 am

Discussion

9:15 am – 9:19 am

742 - An Orthopaedic and Engineering Framework Quantifying Incapacitation Following Military Injury

*Kerry Danelson, PhD, Wake Forest School of Medicine*

9:19 am – 9:23 am

495 - 10-Year Follow-up for a New 3D Printed Cementless Total Knee Arthroplasty

*Andrew Fraval, MBBS, Rothman Orthopaedic Institute*

9:23 am – 9:27 am

90 - Robotic Knee Arthroplasty Permits Thinner and Less Constrained Polyethylene Inserts

*William K. Crockatt, Columbia University Medical Center*

9:27 am – 9:31 am

810 - Biomechanical Evaluation of Screw Orientation for Coronal Capitellum Fractures

*Justin E Hellwinkel, MD, Columbia University Medical Center*

*\*Presented by Dongyeon Joanna Kim, MD*

9:31 am – 9:35 am

669 - Biomechanical Evaluation of Radial Head Prostheses Shape (Anatomical vs. Axisymmetric) and Material (Polymethyl Methacrylate, Polyether Ether Ketone, And Cobalt)

*Amir Kachooei, MD, PhD, Rothman Orthopaedics Florida*

*\*Presented by Kassem Ghayyad, MD*

9:35 am – 9:40 am

Discussion

**RAPID FIRE SESSION 4D – Academic Medicine – Research & Education**

**Moderators:** Scott D. Boden, MD, *Emory University School of Medicine*

Gregory F. Domson, MD, *Virginia Commonwealth University*

- 8:55 am – 8:59 am 769 - Establishing Operative Case Benchmarks for Orthopaedic Trauma Association (OTA)-Accredited Fellowship Training in the United States  
*Jason Silvestre, MD, Medical University of South Carolina*
- 8:59 am – 9:03 am 648 - Factors Influencing Academic Research Productivity Among Adult Reconstructive Orthopaedic Surgeons  
*Cassandra Bakus, BS, Hackensack Meridian School of Medicine*
- 9:03 am – 9:07 am 81 - Outreach Program for Young Women Increases Interest in Orthopaedic Surgery  
*Sarah H. Hine, MD, Geisinger Medical Center*
- 9:07 am – 9:11 am 74 - Trends for Diversity Recruitment in Orthopedics: Rise of Sub-Internship Scholarships  
*Ellen E. Lutnick, MD, University at Buffalo Jacobs School of Medicine and Biomedical Sciences*  
*\*Presented by Jeremy Wells*
- 9:11 am – 9:15 am Discussion
- 9:15 am – 9:19 am 414 - Orthopaedic Surgery Residency, How Long Do Students Need to Audition?  
*Matthew Schultz, DO, Jefferson Health New Jersey*
- 9:19 am – 9:23 am 480 - Influence of Funding Source and Conflicts of Interest on Outcomes in Spinal Research  
*Omar H. Tarawneh, MS, Rothman Orthopaedics*  
*\*Presented by Jarod T. Olson, BS*
- 9:23 am – 9:27 am 781 - Use of Image Intensifier Laser Guidance in Perfect Circle Technique for Interlocking Screw Placement Decreases Fluoroscopy Time  
*Cyrus Anthony Pumilia, MD, Prisma Health Midlands*  
*\*Presented by Heidi C. Ventresca, BS, BA*
- 9:27 am – 9:31 am 219 - The Incidence of Acromial Stress Injury After Reverse Total Shoulder Arthroplasty Affected by Surgeon Learning Curve  
*W. Doug Werry, BA, Beth Israel Lahey Health*  
*\*Presented by Maxwell Alley, MD*
- 9:31 am – 9:35 am 1062 - Academic Productivity in Shoulder and Elbow Surgery Correlates Positively with Industry Compensation  
*Daniel Devine, BA, Rutgers Robert Wood Johnson Medical School*
- 9:35 am – 9:40 am Discussion

**RAPID FIRE SESSION 4E – Trauma**

**Moderators:** William Ryan, MD, *Rothman Institute*  
Suman Medda, MD, *Atrium Health Musculoskeletal Institute*

- 8:55 am – 8:59 am            967 - Results of Early Wound Bathing Following Orthopaedic Trauma Surgery  
*Robert E. Bilodeau, BS, Hospital for Special Surgery*
- 8:59 am – 9:03 am            900 - Intraoperative Periprosthetic Fracture Rate in Elderly Patients Undergoing Hip Hemiarthroplasty: A Comparison of Uncemented and Cemented Stems  
*Margaret Higgins, MD, St Luke's Health Network*
- 9:03 am – 9:07 am            289 - Distal Femur Fixation: Nail Plate Combination Outperforms Single Device Constructs  
*Melissa R. Holloway, BS, University of Rochester School of Medicine & Dentistry*
- 9:07 am – 9:11 am            83 - Acute vs. Delayed Fixation of Bicondylar Tibial Plateau Fractures  
*Alexandra Spath, University at Buffalo Jacobs School of Medicine and Biomedical Sciences*
- 9:11 am – 9:15 am            Discussion
- 9:15 am – 9:19 am            416 - The Fragility of Statistical Findings Regarding Hemiarthroplasty vs. Total Hip Arthroplasty for Displaced Femoral Neck Fractures  
*Alec Giakas, MD, Rothman Orthopaedic Institute*  
*\*Presented by Alexandra L. Hohmann, BA*
- 9:19 am – 9:23 am            322 - Long Bone Fractures with Vascular Injury: Who Should Go First?  
*Anthony Castro, BA, Temple University Hospital*
- 9:23 am – 9:27 am            285 - Use of Fibula Nails With Proximal and Distal Fixation  
*Dino Fanfan, BS, Baptist Health Orthopedic Care*  
*\*Presented by Taylor D. Schnepf, BS, MS*
- 9:27 am – 9:31 am            1025 - Outcomes of Partial- and Full-Threaded Cannulated Screws in Geriatric Hip Fractures  
*Sarah Blumenthal, MD, University of Pennsylvania*  
*\*Presented by Craig E. Klinger, BA*
- 9:31 am – 9:35 am            809 - Glenoid Vault Bone Density Predicts Proximal Humerus Fracture Fixation Failure  
*Natalia Czerwonka, MD, New York Presbyterian/Columbia University*
- 9:35 am – 9:40 am            Discussion

9:40 am – 10:10 am           **BREAK – Visit exhibits**

**General Session 10 – The Business of Medicine**

**Moderator:** Michael P. Ast, MD, *Hospital for Special Surgery*

10:10 am – 10:17 am           My Hospital Hates Me Now That I'm in an ASC  
*Brian Culp, MD, Princeton Orthopaedics*

10:17 am – 10:24 am           Private Equity: What It Really Means to You  
*Gary Stewart, MD, Resurgens Orthopaedics*

10:24 am – 10:31 am           Gainsharing: Opportunities for the Hospital-Employed Physician  
*Sean McMillan, MD, Virtua Health*

10:31 am – 10:40 am           Discussion

*(leave a few minutes to allow non-EOA members to enter)*

**Symposium 7 – Hand and Upper Extremity: The Injured Athlete**

**Moderators:** Susanne M. Roberts, MD, *Columbia University Medical Center*  
Carl Harper, MD, *Harvard Medical School*

10:40 am – 10:47 am           Acute Scapholunate Ligament Injuries  
*Michelle Carlson, MD, Hospital for Special Surgery*

10:47 am – 10:54 am           Thumb UCL/RCL Tears  
*Susanne M. Roberts, MD, Columbia University Medical Center*

10:54 am – 11:01 am           Digit Injuries: Not Just a Jammed Finger  
*Robert J. Strauch, MD, Columbia University Medical Center*

11:01 am – 11:08 am           TFCC Injuries  
*Carl Harper, MD, Harvard Medical School*

11:08 am – 11:20 am           Discussion

**General Session 11 – Presidential Address: Dr. John P. McConnell**

**Moderator:** Richard M. Wilk, MD, *Mass General Brigham*

*\*CME Credit Not Available*

11:20 am – 11:25 am           Introduction of the Eastern Orthopaedic Association President  
*Richard M. Wilk, MD, Mass General Brigham*

11:25 am – 12:00 pm           A Journey  
*John P. McConnell, MD, OrthoVirginia*

12:00 pm – 12:30 pm           **Focused Lunch Presentation (Non-CME) - TBD**  
*\*CME Credit Not Available*  
Title TBD

Speaker TBD\*

**RAPID FIRE SESSION 5A – Complications in Orthopaedics**

**Moderators:** Tracy M. Borsinger, MD, *University of Virginia*

Sumon Nandi, MD, MBA, *University of Maryland School of Medicine*

- 12:35 pm – 12:39 pm      532 - A Comparison of Demographic and Microorganism Differences between De Novo and Postoperative Infections  
*Yunsoo Lee, MD, Rothman Orthopaedics*
- 12:39 pm – 12:43 pm      180 - Nutritional Index of Soft-Tissue Sarcoma Patients and Associated Postoperative Complications  
*Caroline Gutowski, BS, Cooper Medical School of Rowan University*
- 12:43 pm – 12:47 pm      215 - Analysis of Risk Factors for Complication Following Upper Extremity Amputation  
*Dhruv Mendiratta, BS, Rutgers Health New Jersey Medical School*
- 12:47 pm – 12:50 pm      Discussion
- 12:50 pm – 12:54 pm      277 - 90-Day Complication Rates Following Intra-Incisional vs. Extra-Incisional Tibial Pin Sites in Robotic-Assisted Total Knee Arthroplasty  
*Sonia K. Chandi, MD, Hospital for Special Surgery*
- 12:54 pm – 12:58 pm      661 - Preoperative Psychotherapy: Readmissions and Complications in THA Patients with Depression  
*Patrick Nian, BA, SUNY Downstate Health Sciences University College of Medicine*  
*\*Presented by Gabriel Lama, MD*
- 12:58 pm – 1:02 pm      706 - Onset of Periprosthetic Total Joint Infection Increased in Patients with Teeth When Compared to Patients Without Teeth  
*Joseph Brenner, BS, University of Toledo College of Medicine & Life Sciences*
- 1:02 pm – 1:05 pm      Discussion

**RAPID FIRE SESSION 5B – Advocacy**

**Moderators:** Megan R. Wolf, MD, *University of Connecticut Health Center*

Christopher A. Heck, MD, *Southlake Orthopaedics*

- 12:35 pm – 12:39 pm      685 - Disparities in Post-Operative Outcomes: Race and Insurance Status as Predictors of Hospital Return and Readmission After Orthopaedic Trauma Surgery  
*Bruno N. Valan, BS, MENG, Duke University School of Medicine*  
*\*Presented by Sharreiff N. Shah, BS*

- 12:39 pm – 12:43 pm 575 - Early Results from a Collaborative Equity-Conscious Fragility Fracture Care Program  
*Lulla Kiwinda, BS, Duke University School of Medicine*
- 12:43 pm – 12:47 pm 239 - The Effect of Social Vulnerability on Patient Outcomes following Hip Fracture Surgery  
*Parimal Rana, MD, Luminis Health Anne Arundel Medical Center*
- 12:47 pm – 12:50 pm Discussion
- 12:50 pm – 12:54 pm 564 - The Relationship Between Area Deprivation Index and Total Hip Arthroplasty Outcomes  
*Nicholas R. Kiritsis, BS, Atrium Wake Forest Baptist Health*
- 12:54 pm – 12:58 pm 1101 - Influence of Social Determinants of Health on Adolescent Idiopathic Scoliosis  
*Emily Vallee, BS, Jacobs School of Medicine*
- 12:58 pm – 1:02 pm 296 - Neighborhood Socioeconomic Disadvantages Influence Patient-Reported Outcomes Following Primary ACL Reconstruction  
*Melissa R. Holloway, BS, University of Rochester School of Medicine & Dentistry*
- 1:02 pm – 1:05 pm Discussion

### **RAPID FIRE SESSION 5C – Upper Extremity**

**Moderators:** Bruce A. Monaghan, MD, *Premier Orthopaedic Associates*  
Michael B. Gottschalk, MD, *Emory University School of Medicine*

- 12:35 pm – 12:39 pm **EOEF Bruce A. Monaghan, MD Travel Grant**  
429 - Outcomes of Surgically and Non-Surgically Treated Distal Biceps Tears  
*Matthew Schultz, DO, Jefferson Health New Jersey*
- 12:39 pm – 12:43 pm 695 - Postoperative Pathologies of the Hand Following Shoulder Surgery  
*Andrew Rodenhouse, MD, University of Rochester Medical Center*
- 12:43 pm – 12:47 pm 217 - Yes We Can! Reducing the Burden of Proximal Humerus Fractures  
*Sarah Kate Edwards, BS, Novant Health*
- 12:47 pm – 12:50 pm Discussion
- 12:50 pm – 12:54 pm 544 - Incidence and Outcomes of Nerve Palsies after Ballistic Humerus Fractures  
*Anna Meyer, MD, Emory University*

12:54 pm – 12:58 pm      1071 - Automated Screening for Scapholunate Ligament Injury Using Artificial Intelligence  
*Mark Ren, MD, Columbia University Medical Center*

12:58 pm – 1:02 pm      413 - Trends in Epidemiology and Treatment of Upper Extremity Nonunion Fractures 2017-2022  
*Kassem Ghayyad, MD, Rothman Orthopaedics Florida at AdventHealth*

1:02 pm – 1:05 pm      Discussion

### **RAPID FIRE SESSION 5D – Foot and Ankle**

**Moderators:** Rishin K. Kadakia, MD, *Emory University School of Medicine*  
Kathryn O'Connor, MD, *Duke University School of Medicine*

12:35 pm – 12:39 pm      62 - Radiographic Evaluation of Time to Union in Minimally Invasive Hallux Valgus Correction  
*Daniel P. Murray, MD, Baptist Health Orthopedic Care*

12:39 pm – 12:43 pm      129 - Association of Tarsometatarsal Joint Slippage Following Minimally Invasive Bunionectomy with Removal of Hardware  
*Seif El Masry, BS, Hospital for Special Surgery*

12:43 pm – 12:47 pm      **EOEF Resident Travel Grant Award**  
334 - Noise Exposure In Foot and Ankle Surgery and Risk of Noise Induced Hearing Loss  
*Adam Kohring, DO, Jefferson Health New Jersey*  
*\*Presented by Robert J. Magaldi, DO*

12:47 pm – 12:50 pm      Discussion

12:50 pm – 12:54 pm      157 - Gender and Regional Patterns in Foot and Ankle Specialists  
*Raymond J. Walls, MD, FRCS(Tr&Orth), NYU Langone Health*  
*\*Presented by Thelma Jiménez Mosquea, MD*

12:54 pm – 12:58 pm      127 - The Evans Osteotomy Without Fixation Does Not Increase The Nonunion Rate  
*Solangel Rodriguez Materon, MD, Medical University of South Carolina*

12:58 pm – 1:02 pm      **EOEF Arjun Saxena, MD, MBA Travel Grant**  
130 - Changes in Foot Width in Minimally Invasive Bunionectomy  
*Seif El Masry, BS, Hospital for Special Surgery*

1:02 pm – 1:05 pm      Discussion

### **RAPID FIRE SESSION 5E – Spine**

**Moderators:** Marc J. Levine, MD, *RWJ / Barnabus*

Nicholas U. Ahn, MD, *University of Louisville*

- 12:35 pm – 12:39 pm      989 - Unsupervised Detection of Subaxial Cervical Fractures with Machine Learning  
*Nishantha Michael Jayasuriya, BA, Drexel University*
- 12:39 pm – 12:43 pm      286 - Comparison of Postoperative Opioid Use Following Short-Segment Primary and Revision Lumbar Fusion: A Propensity-Matched Analysis  
*Nicholas B. Pohl, MS, Rothman Orthopaedics*  
*\*Presented by Joydeep Baidya, BS*
- 12:43 pm – 12:47 pm      304 - Comparing Outcomes between Blood Preservation Strategies During Posterior Spinal Fusion  
*Akshitha Adhyanan, BS, Stony Brook University Hospital*  
*\*Presented by Dorian Cohen, MD*
- 12:47 pm – 12:50 pm      Discussion
- 12:50 pm – 12:54 pm      283 - Improving Lumbar Spine Fusion Success Rates by Utilizing Pulsed Electromagnetic Field Stimulation (PEMF) Devices  
*Robby Turk, MD, MBA, Atrium Health Carolinas Medical Center*
- 12:54 pm – 12:58 pm      578 - Using Dynamic Time Warping to Find Patterns in Coronal Spinal Alignment  
*Jennifer Yu, BS, Icahn School of Medicine at Mt. Sinai*  
*\*Presented by Yash Lahoti, MSE, BAS*
- 12:58 pm – 1:02 pm      197 - Clinical Impact of No-Show Appointments Prior to Lumbar Spine Surgery  
*Sean Biagotti, BA, Geisinger Health System*  
*\*Presented by Jeffrey S. Mun, BA*
- 1:02 pm – 1:05 pm      Discussion

**Symposium 8 – Social Media and My Practice**

**Moderators:** Arjun Saxena, MD, MBA, *Rothman Orthopaedic Institute*  
John Shields, MD, *Wake Forest University School of Medicine*

- 1:10 pm – 1:17 pm      Why You Should Be on Social Media  
*John Shields, MD, Wake Forest University School of Medicine*
- 1:17 pm – 1:25 pm      Social Media for Research and Recruiting  
*Chad Krueger, MD, Rothman Orthopaedic Institute*
- 1:25 pm – 1:32 pm      Social Media and Your Brand  
*Jenna Bernstein, MD, Connecticut Orthopaedics*

1:32 pm – 1:40 pm

Discussion

1:40 pm – 2:40 pm

**Scientific E-Poster Session and Self-Directed Learning**  
(Presenters will be available for questions)