

**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	Arthroscopic Subscapularis Repair: Pearls for Success <i>Kevin F. Bonner, MD, Jordan-Young Institute</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 Focused Breakfast Presentation

**CME Credit Not Available*

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
- 9:25 am – 9:30 am Discussion

RAPID FIRE SESSION 1C – Spine

Moderators: Robert Norton, MD, *Florida Spine Associates*

- 8:40 am – 8:44 am **EOEF Cynthia L. Emory, MD, MBA Travel Grant**
110 - Obesity Does Not Impact Clinical Outcomes in ACDR

Daniel Coban, 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
- 8:52 am – 8:56 am 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, *Rothman Orthopaedic Institute*

8:40 am – 8:44 am	884 - Lateral Malleolus Fracture Fixation Employing the FibuLock Fibular Nail System: A Retrospective Analysis <i>Sarah Goodrich, BS, Edward Via College of Osteopathic Medicine</i>
8:44 am – 8:48 am	527 - Prospective Evaluation of 4th Generation TAA with Patient Specific Instrumentation <i>Christopher E. Gross, MD, Medical University of South Carolina</i>
8:48 am – 8:52 am	EOEF Sameh A. Labib, MD Travel Grant 335 - Radiographic Predictors of Surgical Management of Symptomatic Calcaneal Spurs <i>Joseph McCahon, DO, Jefferson Health New Jersey</i>
8:52 am – 8:56 am	581 - Mid to Long-Term Outcomes of Ankle Replacement: A Systematic Review <i>Raymond J. Walls, MD, FRCS(Tr&Orth), NYU Langone Health</i>
8:56 am – 9:00 am	501 - Effect of Preoperative Conditions and Fixation on Tibiotalocalcaneal Arthrodesis Outcomes <i>Daniel J. Scott, MBA, MD, Medical University of South Carolina</i>
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 <i>William Dyke, MD, UNC Health</i>
9:09 am – 9:13 am	741 - Prolonged Opioid Use Associated with Surgical Timing <i>Samira Perez, BS, Icahn School of Medicine at Mount Sinai</i>
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 <i>Daniel P. Murray, MD, Baptist Health Orthopedic Care</i>
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 <i>Kevin Wu, BS, Duke University School of Medicine</i>
9:21 am – 9:25 am	29 - Comparison of MIS and Open Bunion Surgery in Older Patients <i>Allison L. Boden, MD, Hospital for Special Surgery</i>
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*

- 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
- 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
- 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
- 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
- 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
Jeffery D. St. Jeor, 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
Nicholas Rowe, 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**
**CME Credit Not Available*

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
Catelyn A. Woelfle, BA, 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, Duke University

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

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: TBD

1:00 pm – 1:04 pm

1058 - Implementing Value-Based Care Through an Orthopedic Integrated Practice Unit
Aadi Sharma, BA, Virginia Commonwealth 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

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
Alex Gu, MD, George Washington University

1:24 pm – 1:28 pm **Ruth Jackson Orthopaedic Society Travel Grant Awards**
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

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: Jillian Kazley, MD, *Beth Israel Lahey 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

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*
Kevin F. Bonner, MD, *Jordan-Young Institute*

- 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

- 1:08 pm – 1:12 pm **EOEF Cynthia L. Emory, MD, MBA 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
- 1:24 pm – 1:28 pm **EOEF John D. Kelly, IV, MD Travel Grant**
727 - Trochlear Dysplasia and RTS following MPFL Reconstruction
Lully 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
- 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
- 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
- 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
- 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*
Edward Jackson II, MD, Emory University School of Medicine
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*
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: TBD

2:55 pm – 3:02 pm Foot and Ankle Injuries in Sports, Application of AI
Speaker TBD

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 Title TBD
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*

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 8 – 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**
**CME Credit Not Available*

RAPID FIRE SESSION 3A – Adult Reconstruction

Moderators: TBD

- 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 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

8:48 am – 8:55 am Discussion

RAPID FIRE SESSION 3B – Sports Medicine

Moderators: TBD

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

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
Michael Moore, BA, 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 **EOEF Amar S. Ranawat, MD Travel Grant**
1022 - Clinically Relevant Thresholds in Patient Reported Outcomes: Do Patient Expectations Evolve over Long Term Follow-up?
Tyler McCarroll, MD, American Hip Institute

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
- 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: TBD
- 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 rat

8:48 am – 8:55 am Discussion

RAPID FIRE SESSION 3D – Shoulder & Elbow

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

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 Mogerma, 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: TBD

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

Concurrent Symposium 4A – The Geriatric Trauma Patient

Moderators: David W. Romness, MD, *OrthoVirginia*
TBD

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

10:30 am – 10:38 am	Upper Extremity <i>Anastasios Papadonikolakis, MD, PhD, Wake Forest University School of Medicine</i>
10:38 am – 10:46 am	Lower Extremity <i>Samuel B. Adams, MD, Duke University School of Medicine</i>
10:52 am – 11:00 am	Case Discussion
11:00 am – 11:30 am	BREAK – Visit exhibits

General Session 10 – 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**
**CME Credit Not Available*
- 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
Suken A. Shah, MD, Nemours Children’s Health

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 Title TBD
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*

Julie B. Samora, MD, PhD, MPH, *Nationwide Children’s Hospital*

**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**

**CME Credit Not Available*

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

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

34 - Pre vs. Postoperative Adductor Canal Block for Total Knee Arthroplasty: A Randomized Controlled Trial

David S. Constantinescu, MD, University of Miami Hospital

9:11 am – 9:15 am

Discussion

9:15 am – 9:19 am

937 - Patient-Reported Effectiveness of Cannabis for Pain Control in Orthopaedic Patients

Marvin Pierre, BS, Temple University School of Medicine

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 Unicompartmental 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

Gabrille 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
- 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
- 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
Jonathan D. McKeeman, MD, MBA, 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

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

9:31 am – 9:35 am

26 - AI Improves the Readability of Foot and Ankle Radiology Reports
John Kennedy, MD, MCh, MMSc, FFSEM, FRCS (Orth), NYU Langone Health

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
- 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
- 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
- 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
- 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: Abhishek Ganta, MD, *NYU Langone Health*
TBD

- 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
- 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
- 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
- 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 11 – 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

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
Speaker TBD

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 12 – 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 Title TBD
John P. McConnell, MD, OrthoVirginia

12:00 pm – 12:30 pm **Focused Lunch Presentation**
**CME Credit Not Available*

RAPID FIRE SESSION 5A – Complications in Orthopaedics

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

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 - Utility of GNRI for Risk Stratification in Posterior Lumbar Fusion
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

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*

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

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
Hashim Shaikh, 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
Aidan Sweeney, 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
- 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
- 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
- 12:43 pm – 12:47 pm 304 - Comparing Outcomes between Blood Preservation Strategies
 During Posterior Spinal Fusion
Akshitha Adhiyaman, BS, Stony Brook University Hospital
- 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
- 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)