

**EOA Scientific Program**  
**October 26-28, 2023**  
**Magnolia & Willow Ballrooms**  
*(Unless otherwise specified)*  
**Charleston, South Carolina**

(Presenters and times are subject to change)

**Guest State Societies**

North Carolina Orthopaedic Association  
New Jersey Orthopaedic Society  
Delaware Society of Orthopaedic Surgeons

**Guest Residency & Fellowship Program**

Atrium Health / Carolinas Medical Center

**Thursday, October 26**

6:00 am – 6:30 am      **Scientific E-Poster Session** (*Jenkins Room, King Charles Room, Drayton Room, Colleton Room, Beauregard Room, Ashley Cooper Room*)  
(Presenters will be available to answer questions)

6:30 am – 6:45 am      **First Business Meeting**

6:45 am – 6:50 am      **Welcome, Introduction of Program & Announcements**  
*Michael P. Ast, MD, Program Chair*

**Concurrent Symposium 1A – Current Controversies in Hip & Knee Arthroplasty**

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

H. Del Schutte Jr., MD, *Charleston Institute for Advanced Orthopedics*

6:50 am – 6:58 am      Outpatient Arthroplasty: 12 Cases by 12 Noon – Buckle Your Seatbelts  
*Charles A. DeCook, MD, Advanced Center for Joint Surgery*

6:58 am – 7:06 am      Technology in Joint Replacement: Don't Be Left Behind  
*David J. Mayman, MD, Hospital for Special Surgery*

7:06 am – 7:18 am      **Debate: 65-Year-Old with OA Knee Needing a TKA**  
Pro: Agree with the CDC Guidelines for Antibiotics in Primary Arthroplasty (6 minutes)  
*Javad Parvizi, MD, FRCS, Rothman Orthopaedic Institute*

Con: See You in the Courtroom: The Cost of Keflex is \$2.12 – My Patients Need Longer-Duration Antibiotics to Avoid an Infection (6 minutes)  
*Wayne E. Moschetti, MD, Dartmouth Hitchcock Medical Center*

7:18 am – 7:34 am Audience Q&A and Discussion with Case Presentations  
**Moderators:** Thomas P. Sculco, MD, *Hospital for Special Surgery*  
H. Del Schutte Jr., MD, *Charleston Institute for Advanced Orthopedics*

**Panel:** *Charles A. DeCook, MD, Advanced Center for Joint Surgery*  
*David J. Mayman, MD, Hospital for Special Surgery*  
*Wayne E. Moschetti, MD, Dartmouth Hitchcock Medical Center*  
*Javad Parvizi, MD, FRCS, Rothman Orthopaedic Institute*  
*Kevin D. Plancher, MD, MPH, Albert Einstein College of Medicine*  
*Arjun Saxena, MD, MBA, Rothman Orthopaedic Institute*  
*Thorsten M. Seyler, MD, PhD, Duke University*

6:45 am – 6:50 am **Welcome, Introduction of Program & Announcements**  
*Kevin D. Plancher, MD, MPH, President*

**Concurrent Symposium 1B – Controversies in Foot & Ankle Surgery** (*Pavilion Ballrooms A-C*)

**Moderators:** Peter Mangone, MD, *Emergeortho Blue Ridge Division*  
Selene G. Parekh, MD, MBA, *Rothman Orthopaedic Institute*

6:50 am – 6:58 am Triple Arthrodesis for Flatfoot  
*Steven Haddad, MD, Illinois Bone & Joint Institute*

6:58 am – 7:06 am Operative vs. Nonoperative Management of Achilles Tendon Tears: How I Choose  
*William C. McGarvey, MD, UT Physicians Orthopedics*

7:06 am – 7:14 am Total Ankle Replacement vs. Ankle Fusion: Treatment for OA of the Tibiotalar Joint  
*James A. Nunley, MD, Duke University*

7:14 am – 7:34 am Audience Q&A and Discussion with Case Presentations  
**Moderators:** Peter Mangone, MD, *Emergeortho Blue Ridge Division*  
Selene G. Parekh, MD, MBA, *Rothman Orthopaedic Institute*

**Panel:** *Steven Haddad, MD, Illinois Bone & Joint Institute*  
*Kenneth J. Hunt, MD, University of Colorado*  
*William C. McGarvey, MD, UT Physicians Orthopedics*  
*James A. Nunley, MD, Duke University*

7:34 am – 8:04 am **Focused Breakfast Presentation – Zimmer Biomet**  
Title TBD  
Faculty TBD\*

**General Session 1 – The Great Debates: Sports & Shoulder**

**Moderators:** John D. Kelly IV, MD, *University of Pennsylvania*

Robert L. Parisien, MD, *Mount Sinai Health System*

8:04 am – 8:18 am      **Debate #1: The Irreparable RTC Tear in a 65-Year-Old Lawyer**  
Pro: Superior Capsular Reconstruction: It's Not Dead (7 minutes)  
*Srinath Kamineni, MD, University of Kentucky*

Con: Reverse TSA Gets You Back to Work Fast: It's the Better Answer (7 minutes)  
*Joseph A. Abboud, MD, Rothman Orthopaedic Institute*

8:18 am – 8:26 am      Rebuttal / Discussion and Audience Q&A

8:26 am – 8:36 am      **Feature Guest Lecture – The Importance of Advocacy**  
*Adam J. Rana, MD, Maine Medical Center*

## **SYMPOSIUM 2 – The Great Debate**

**Moderator:** David J. Mayman, MD, Hospital for Special Surgery

8:36 am – 8:48 am      **73-Year-Old Active Female with an Early Periprosthetic Fracture of the Femur, 3 Weeks Post-Op**

Pro: Didn't You See Her Bone Quality? She Needed a Cemented Hip (6 minutes)  
*Joseph Moskal, MD, Carilion Clinic*

Con: You Just Need to Know How to Press Fit and Use an Uncemented Hip (6 minutes)  
*H. Del Schutte Jr., MD, Charleston Institute for Advanced Orthopedics*

8:48 am – 9:01 am      Rebuttal / Discussion

9:01 am – 9:35 am      **BREAK – Visit Exhibits (Live Oak, Dogwood & Cypress Ballrooms)**

## **General Session 2 – Award Abstract Presentations**

**Moderators:** Henry A. Backe, Jr., MD, *Orthopaedic Specialty Group*  
Amar S. Ranawat, MD, *Hospital for Special Surgery*

9:35 am – 9:41 am      **EOEF Founders' Award**  
617 - Opioid-Free Surgery vs. Traditional Perioperative Analgesia: A Randomized Control Trial of Novel Clinical Care Pathway in Elective Orthopaedic Surgery  
*Benjamin Averkamp, MD, Atrium Health Musculoskeletal Institute*

9:41 am – 9:47 am      **EOEF Ranawat Award**  
649 - Machine Learning Technique Predicts Need for Admission after Joint Replacement  
*Tony S. Shen, MD, Hospital for Special Surgery*

9:47 am – 9:57 am	Discussion
9:57 am – 10:03 am	<b>EOEF Resident /Fellow Award</b> 288 - Single-Stage vs. Two-Stage Revision: Comparable Results in Select PJI Patients <i>Ryan Sutton, MD, Rothman Orthopaedic Institute</i>
10:03 am – 10:09 am	<b>EOEF Resident /Fellow Award</b> 160 - Social Determinants for Successful Same Day Discharge Total Joint Arthroplasty <i>Rex Lutz, DO, Jefferson Health New Jersey</i>
10:09 am – 10:15 am	<b>EOEF Resident /Fellow Award</b> 619 - Early Weight Bearing after Acetabular Fixation: No Increased Displacement, Arthroplasty <i>John M. Kopriva, MD, Emory University</i>
10:15 am – 10:25 am	Discussion
<b>RAPID FIRE SESSION 1A – Sports Medicine (Jenkins Room)</b>	
Moderators: TBD	
10:30 am – 10:34 am	442 - IPACK and ACB Leads to Less Pain and Opioid Consumption <i>Naina Rao, BS, NYU Langone Health</i> <i>*Presented by Eric J. Strauss, MD</i>
10:34 am – 10:38 am	<b>EOEF Mark J. Lemos, MD Travel Grant</b> 436 - Greater Posterior Tibial Slope among Bilateral ACLR Compared to Unilaterals <i>Sharif Garra, MD, NYU Langone Health</i>
10:38 am – 10:42 am	463 - Patients Younger than 34 Years of Age Fail at a Greater Rate with Allograft Anterior Cruciate Ligament Reconstruction <i>Camryn B. Petit, BS, Emory University School of Medicine</i>
10:42 am – 10:46 am	460 - Clinical Outcomes between OCA and ACI for PFJ Cartilage Lesions <i>Jairo Triana, BS, NYU Grossman School of Medicine</i> <i>*Presented by Sharif Garra, MD</i>
10:46 am – 10:50 am	Discussion
10:50 am – 10:54 am	<b>EOEF Joshua A. Baumfeld, MD Travel Grant</b> 443 - Athlete SARMs Abuse: A Systematic Review <i>Nikhil Vasireddi, MHA, Case Western Reserve School of Medicine</i>
10:54 am – 10:58 am	<b>NJOS Travel Grant Award</b> 483 - Return to Play and Performance after Meniscal Surgery in American Basketball Players: A Matched Control Analysis

*Brian D. Batko, MD, Rutgers New Jersey Medical School*

- 10:58 am – 11:02 am 10 - Smaller Intercondylar Notch Size is Associated with ACL Graft Re-Rupture  
*Stephanie A. Boden, MD, University of Pittsburgh Medical Center*
- 11:02 am – 11:06 am 589 - Patient Specific Instrumentation and Fixation Improves Accuracy and Decreases Radiation Exposure in a Cadaveric Model of High Tibial Osteotomy.  
*Edward G. Carey, MD, Hospital for Special Surgery*
- 11:06 am – 11:10 am 373 - Return to Military Duty following Combined Anterior Cruciate Ligament and Posterior Lateral Corner Reconstruction  
*John M. Wyatt, MD, Naval Medical Center Portsmouth*
- 11:10 am – 11:15 am Discussion
- RAPID FIRE SESSION 1B – Total Knee (King Charles Room)**  
Moderators: TBD
- 10:30 am – 10:34 am **EOEF Neil P. Sheth, MD Travel Grant**  
607 - Characterizing the Native Microbiome Using Next Generation Sequencing of Bilateral “Aseptic” Knees Undergoing Total Knee Arthroplasty  
*Tracy Borsinger, MD, Hospital for Special Surgery*
- 10:34 am – 10:38 am 646 - Cementless Fixation Results in a Higher Rate of Manipulation under Anesthesia Compared to Cemented Fixation following Primary Total Knee Arthroplasty  
*Steven Mennona, MD, NYU Langone*  
*\*Presented by Muhammad Haider*
- 10:38 am – 10:42 am 633 - Does Melatonin Improve Subjective Sleep Quality after Total Knee Arthroplasty? A Randomized, Placebo-Controlled Trial  
*Drake G. Lebrun, MD, MPH, Hospital for Special Surgery*
- 10:42 am – 10:46 am 482 - Defining Success: Analysis of Quality-reporting Methods in Total Joint Arthroplasty  
*Daniel A. Driscoll, MD, Hospital for Special Surgery*
- 10:46 am – 10:50 am Discussion
- 10:50 am – 10:54 am 159 - Genicular Artery Embolization for Recurrent Effusion following Total Knee Arthroplasty  
*Rex Lutz, DO, Jefferson Health New Jersey*
- 10:54 am – 10:58 am 494 - Comparison of Revision Rates between Cones vs. Sleeves in Revision Total Knee Arthroplasty

*Matthew Gong, MD, University of Pittsburgh Medical Center*

- 10:58 am – 11:02 am 397 - ACB and iPACK Blocks Decrease Postoperative TKA Narcotic Usage and Pain  
*Bailey E. Shevenell, BA, Maine Medical Partners Orthopedics Joint Replacement*
- 11:02 am – 11:06 am 706 - Comparing Resurfaced versus Non-resurfaced Patella in a Total Knee Arthroplasty  
*Reagan Williams, BS, Mercer University School of Medicine*
- 11:06 am – 11:10 am 173 - Diagnosis of Acute PJI: Determining the Threshold for Synovial Biomarkers  
*Saad Tarabichi, MD, Rothman Orthopaedic Institute*
- 11:10 am – 11:15 am Discussion
- RAPID FIRE SESSION 1C – Pediatrics (Drayton Room)**  
Moderators: TBD
- 10:30 am – 10:34 am 570 - Is There a Benefit to Rigid Fixation in Calcaneal Lengthening Osteotomy for Painful Pediatric Flatfoot Deformity? Comparing Results of Kirschner Wire versus Locking Plate Fixation  
*Daniel Pereira, MD, Washington University Orthopaedics*  
*\*Presented by Abhishek Tippabhatla*
- 10:34 am – 10:38 am 519 - Perinatal and Infant Risk Factors for Incidence of Idiopathic Clubfoot  
*Dhruv Mendiratta, BS, Rutgers New Jersey Medical School*
- 10:38 am – 10:42 am 784 - Prevalence and Long-Term Outcomes of Tarsal Coalitions: Results from the Johnston County Osteoarthritis Project  
*Alysa Nash, MD, University of North Carolina at Chapel Hill*
- 10:42 am – 10:46 am 690 - Patella Fractures in Children: Outcomes and Complications  
*Avani Chopra, Penn State College of Medicine*
- 10:46 am – 10:52 am Discussion
- 10:52 am – 10:56 am 645 - The Prevalence of Hip Dysplasia Present on Screening Radiographs for Adolescent Idiopathic Scoliosis  
*Annemarie C. Galasso, MD, Medical University of South Carolina*
- 10:56 am – 11:00 am 293 - Opioid-Free vs. Opioid-Containing Postoperative Analgesia for Idiopathic Scoliosis  
*Michael Schallmo, MD, Atrium Health Carolinas Medical Center*
- 11:00 am – 11:04 am 15 - A Musculoskeletal-Finite Element Framework for Modeling the Effect of Femoral Anteversion on Knee Extensor Muscle Force and Anterior Knee

Mechanics  
*Mark Seeley, MD, Geisinger Health Systems*

11:04 am – 11:08 am 631- Pre-operative Physical Therapy Program Outcomes for Pediatric Spinal Fusion Patients  
*Andrea Gilmore, BS, University of South Carolina School of Medicine, Greenville*

11:08 am – 11:15 am Discussion

**RAPID FIRE SESSION 1D – Shoulder (Colleton Room)**

Moderators: TBD

10:30 am – 10:34 am 456 - Reconstruction of Chronic Pectoralis Major Tears with Achilles Tendon Allograft  
*Michael Buldo-Licciardi, BA, University of Pittsburgh School of Medicine*

10:34 am – 10:38 am 268 - Glenohumeral Instability Bone Loss: A Comparative Analysis of Cross-Sectional Imaging  
*Jack Twomey-Kozak, MS3, Duke University School of Medicine*

10:38 am – 10:42 am 70 - Total Intravenous Anesthesia vs. Inhalation Anesthesia in Rotator Cuff Repair  
*Andrea H. Johnson, MSN, CRNP, Luminis Health Anne Arundel Medical Center*  
*\*Presented by Parimal Rana, MD*

10:42 am – 10:46 am 652 - The Use of Preoperative Platelet Counts in Arthroscopic Rotator Cuff Repairs  
*Steven H. Liu, BS, Renaissance School of Medicine at Stony Brook University*

10:46 am – 10:50 am Discussion

10:50 am – 10:54 am 696 - Knotted vs. Knotless Fixation for Anterior Labrum Tears: Retrospective Study  
*Richard Villa, BS, Wake Forest School of Medicine*

10:54 am – 10:58 am 81 - Total Shoulder Arthroplasty within Six Weeks of Proximal Humeral Fracture is Associated with Lowest Risk of Revision  
*Philip M. Parel, BS, George Washington University School of Medicine and Health Sciences*

10:58 am – 11:02 am 353 - Comparing Distal Triceps Tendon Repair Outcomes by Surgical Technique  
*Parker L. Brush, MD, Rothman Orthopaedic Institute*

11:02 am – 11:06 am 236 - Utility of mFI-5 in Predicting Outcomes after Total Elbow

Arthroplasty  
Neil Patel, MD, St. Joseph's University Medical Center  
*\*Presented by Chandler Sparks, MS*

11:06 am – 11:10 am 17 - Osteochondral Allograft Transplantation for Articular Humeral Head Defect from Ballistic Trauma  
*Melissa C. Soderquist, MD, Temple University Hospital*

11:10 am – 11:15 am Discussion

**RAPID FIRE SESSION 1E – Spine (Beauregard Room)**

Moderators: TBD

10:30 am – 10:34 am **EOEF Scott D. Boden, MD Travel Grant**  
727 - Effect of Early Postoperative Diet after Anterior Lumbar Spine Surgery  
*Tiffany N. Bridges, DO, Jefferson Health New Jersey*

10:34 am – 10:38 am **EOEF/OREF Resident Travel Grant Award**  
183 - ACDR vs. MI-PCF in the Treatment of Unilateral Cervical Radiculopathy  
*Stuart Changoor, MD, St. Joseph's University Medical Center*

10:38 am – 10:42 am 153 - Opportunistic CT: A Novel Opportunity for Osteoporosis Screening  
*Jared J. Reid, MD, Medical University of South Carolina*

10:42 am – 10:46 am 289 - Opioid-free Postoperative Pain Management in Anterior Cervical Spine Surgery  
*Michael Schallmo, MD, Atrium Health Carolinas Medical Center*

10:46 am – 10:50 am Discussion

10:50 am – 10:54 am 147 - Predictors of Subsequent Fusion after Lumbar Decompression Surgery  
*Jeremy C. Heard, BS, MAT, Rothman Institute*  
*\*Presented by Teeto Ezeonu, BA*

10:54 am – 10:58 am 621 - Association between History of Lumbar Spine Surgery and Paralumbar Muscle Health  
*Alex Ngan, MD, Northwell Health*  
*\*Presented by Priya Duvvuri, BA or Junho Song, BS*

10:58 am – 11:02 am 526 - Complications and Cost in Open Versus Endoscopic Lumbar Decompression: A Database Study  
*Lauren M. Boden, MD, University of Pennsylvania*

11:02 am – 11:06 am 710 - Racial and Age-Related Differences in Lumbar Facet Joint Orientation



*Mitchell K. Ng, MD, Maimonides Medical Center*

11:06 am – 11:10 am 531 - Geriatric Nutritional Risk Index Predicts Short-Term Complications for ACDF  
*Ari Berg, MD, Rutgers New Jersey Medical School*

11:10 am – 11:15 am Discussion

**RAPID FIRE SESSION 1F – Hand & Wrist** (*Ashley Cooper Room*)

Moderators: TBD

10:30 am – 10:34 am 399 - Outcomes following Fully Threaded Intramedullary Nailing of Metacarpal Fractures  
*Terence L. Thomas, BS, Sidney Kimmel Medical College at Thomas Jefferson University*  
*\*Presented by Rahul Muchintala*

10:34 am – 10:38 am **EOEF Bruce A. Monaghan, MD Travel Grant**  
76 - Reducing Perilunate Misconceptions  
*Aidan Sweeney, MD, Emory University*

10:38 am – 10:42 am 61 - Metacarpal Repair Outcomes: Reoperation Rates and Characteristics  
*Benjamin Miltenberg, MD, Rothman Orthopaedic Institute*

10:42 am – 10:46 am 75 - Galeazzi Fracture DRUJ Stabilization  
*Nicole Zelenski, MD, Emory University*  
*\*Presented by Anna Meyer, MD*

10:46 am – 10:50 am Discussion

10:50 am – 10:54 am 45 - Cadaveric Analysis of Neurovascular Structures in Endoscopic Carpal Tunnel Release  
*Benjamin R. Campbell, MD, Rothman Orthopaedic Institute at Thomas Jefferson University*

10:54 am – 10:58 am 394 - Benchmarking Qualifications for Leadership at Hand Surgery Societies in the United States  
*Jason Silvestre, MD, Howard University Hospital*

10:58 am – 11:02 am 52 - Trigger Finger Release: Are Sutures Requiring Removal Necessary?  
*Tiffany N. Bridges, DO, Jefferson Health New Jersey*

11:02 am – 11:06 am 320 - Hand and Wrist Dog-Leash Injuries in the Outpatient Setting  
*Kyle Plusch, BA, Rothman Orthopaedic Institute*

11:06 am – 11:10 am **NJOS Travel Grant Award**  
49 - Postoperative Outcomes of Metacarpal Neck Fractures Treated with Intramedullary Screw Fixation or Percutaneous Pinning

*Johnlevi S. Lazaro, DO, Jefferson Health - New Jersey*

11:10 am – 11:15 am Discussion

**General Session 3 – Presidential Address**

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

11:20 am – 11:25 am Introduction of the Presidential Address  
*John P. McConnell, MD, OrthoVirginia*

11:25 am – 11:55 am Presidential Address  
*Kevin D. Plancher, MD, MPH, Albert Einstein College of Medicine*

**General Session 4 – ABOS Update, OREF Report & AAOS Update**

**Moderator:** Kevin D. Plancher, MD, MPH, *Albert Einstein College of Medicine*

11:55 am – 12:00 pm ABOS Update  
*David Martin, MD, American Board of Orthopaedic Surgery*

12:00 pm – 12:05 pm OREF Report  
*Thomas P. Sculco, MD, Hospital for Special Surgery*

12:05 pm – 12:20 pm AAOS Update  
*Annunziato (Ned) Amendola, MD, Duke University*

12:20 pm – 1:05 pm **Focused Lunch Presentation – Heron Therapeutics, Inc.**  
A Strong Send Off: Reducing Pain & PONV in the Perioperative Setting  
*Kevin D. Warner, PharmD, Covenant HealthCare*  
*Scott Sigman, MD, Associates of Lowell*

**RAPID FIRE SESSION 2A – Sports Medicine (Jenkins Room)**

Moderators: TBD

1:10 pm – 1:14 pm 441 - Effect of Graft Sex-Mismatch on Outcomes following Meniscal Allograft Transplantation  
*Jairo Triana, BS, NYU Grossman School of Medicine*  
*\*Presented by Laith Jazrawi, MD*

1:14 pm – 1:18 pm **EOEF John McConnell, MD Travel Grant**  
634 - Perceptions of Resident Autonomy and Competency during ACL Reconstruction  
*Jacob T. Hartline, MD, University of Maryland School of Medicine*

1:18 pm – 1:22 pm 611 - Do Preoperative Antidepressant Prescriptions Influence Primary ACL Reconstruction Outcomes?  
*Natalie K. Pahapill, BS, Penn State College of Medicine*

1:22 pm – 1:26 pm 446 - Patterns of Meniscus Injury among Second Patients

*Sharif Garra, MD, NYU Langone*  
*\*Presented by Laith Jazrawi, MD*

- 1:26 pm – 1:30 pm Discussion
- 1:30 pm – 1:34 pm 728 - Hypertension and Postoperative Complications following Arthroscopic Rotator Cuff Repair  
*Rachel A. Loyst, BS, Stony Brook Medicine*
- 1:34 pm – 1:38 pm 423 - Arthroscopic Anatomic ACL Primary Repair Restores Anterior Tibial Translation Intraoperatively with No Additional Effect of Suture Augmentation  
*Sebastian Rilk, MD, Hospital for Special Surgery*
- 1:38 pm – 1:42 pm 9 - Recurrent Instability High in Patients with Laxity and Near-Track Lesions  
*Stephanie A. Boden, MD, University of Pittsburgh Medical Center*
- 1:42 pm – 1:46 pm 613 - Outcomes of Opioid Related Disorders on Primary Hip Arthroscopy  
*Peter F. Monahan, BS, Penn State College of Medicine*
- 1:46 pm – 1:50 pm 189 - Lipogems Contains Similar Mesenchymal-Derived Stem Cells as Unprocessed Lipoaspirate  
*Robby Turk, MD, MBA, Atrium Health- Carolinas Medical Center*  
*\*Presented by Mario Cuadra, MD*
- 1:50 pm – 1:55 pm Discussion

**RAPID FIRE SESSION 2B – Practice Management** (*King Charles Room*)

Moderators: TBD

- 1:10 pm – 1:14 pm 704 - Specialized vs. Non-Specialized or Teams: Impact on Efficiency and Costs  
*Richard Moore, BS, University of North Carolina Chapel Hill School of Medicine*
- 1:14 pm – 1:18 pm 801 - Analyzing Orthopaedic Consultation Patterns and Volumes to Optimize Patient Care  
*Lucy O'Sullivan, BS, Johns Hopkins School of Medicine*
- 1:18 pm – 1:22 pm 630 - Patient Assessment of Orthopaedic Trainee Interpersonal and Communication Skills  
*Margaret Fisher, MS, University of North Carolina*  
*\*Presented by Julia Kesse, BS*
- 1:22 pm – 1:26 pm 125 - Are Orthopaedic Trauma Surgeons Adequately Compensated for Treating Acetabular Fractures? An Analysis of Operative Times and Work Relative Value Units

*Nainisha Chintalapudi, MD, Carolinas Medical Center/Atrium Health  
Musculoskeletal Institute*

- 1:26 pm – 1:32 pm Discussion
- 1:32 pm – 1:36 pm 79 - Can Hip and Knee Arthroplasty Surgeons Help Address the Osteoporosis Epidemic?  
*Alex Gu, MD, George Washington University*
- 1:36 pm – 1:40 pm 269 - Brand Videos among Orthopaedic Surgery Residency Program  
*Quincy T. Cheesman, DO, Rowan University School of Osteopathic Medicine / Rothman Orthopaedic Institute*
- 1:40 pm – 1:44 pm 137 - COVID-Era Delays Time to Surgery for Emergent Orthopaedic Procedures  
*G. Jacob Wolf, MD, Medical University of South Carolina*  
*\*Presented by Daniel J. Scott, MBA, MD*
- 1:44 pm – 1:48 pm 459 - Medical Malpractice Litigation following Humeral Fractures  
*Martinus Megalla, Hackensack Meridian School of Medicine*
- 1:48 pm – 1:55 pm Discussion

**RAPID FIRE SESSION 2C – Foot & Ankle (Drayton Room)**

Moderators: TBD

- 1:10 pm – 1:14 pm 540 - Intra-Articular Ankle Fracture Promotes Chondrocyte Death and Osteoarthritic Gene Expression  
*Alexandra H. Aitchison, BS, Duke University*  
*\*Presented by Justin Leal*
- 1:14 pm – 1:18 pm **EOEF Thomas R. Bowen, MD Travel Grant**  
671 - Differences in Intraoperative Fluoroscopic Radiation Exposure during Ankle Fracture ORIF between Orthopaedic Surgery and Podiatry  
*Monica DiFiori, MD, Temple University Hospital*
- 1:18 pm – 1:22 pm **EOEF/OREF Resident Travel Grant Award**  
19 - Total Ankle Arthroplasty: Does Obesity Matter?  
*Billy Kim, MD, Duke University School of Medicine*
- 1:22 pm – 1:26 pm 580 - The Surgical Learning Curve for Minimally-Invasive Percutaneous Zadek Osteotomy  
*SarahRose Hall, BA, University of South Carolina School of Medicine*
- 1:26 pm – 1:30 pm Discussion
- 1:30 pm – 1:34 pm 176 - Modified Frailty Index Associated with Complications Following Ankle Fracture ORIF

*Christopher E. Gross, MD, Medical University of South Carolina*

*\*Presented by Ronit Kulkarni, BS*

- 1:34 pm – 1:38 pm      116 - Systematic Review of Total Ankle Arthroplasty with the INBONE II  
*Cody C. Ashy, BS, Medical University of South Carolina*
- 1:38 pm – 1:42 pm      603 - Can the Contralateral Ankle Be Used for Preoperative Planning in  
Total Ankle Arthroplasty in the Post-Traumatic Patient? A Prospective  
Study  
*Joshua E. Ovadia, BSc, University of Miami Miller School of Medicine*
- 1:42 pm – 1:46 pm      592 - Heat Generation during Minimally-Invasive First Metatarsal  
Osteotomy: Cadaveric Study  
*SarahRose Hall, BA, University of South Carolina School of Medicine*
- 1:46 pm – 1:50 pm      496 – Outcome Analysis in Charcot Patients Who Underwent Multiple  
Surgical Procedures  
*Christian Benedict, BS, Penn State College of Medicine*

1:50 pm – 1:55 pm      Discussion

**RAPID FIRE SESSION 2D – Hip Preservation and THA (Colleton Room)**

Moderators: TBD

- 1:10 pm – 1:14 pm      425 - Ten-Year Survivorship and Outcomes in Patients with Borderline  
Dysplasia following Primary Hip Arthroscopy with Capsular Plication and  
Labral Preservation  
*David R. Maldonado, MD, American Hip Institute*
- 1:14 pm – 1:18 pm      410 - Primary Hip Arthroscopy for Femoroacetabular Impingement  
Syndrome in Adolescents Improves Outcomes and Clinical Benefit  
Achievement Rates at Short-Term Follow-Up. A Multi-center Analysis  
*Benjamin G. Domb, MD, American Hip Institute*
- 1:18 pm – 1:22 pm      86 - Injections Prior to Hip Arthroscopy Increase Risk for Repeat Surgery  
*Andrea H. Johnson, MSN, CRNP, Luminis Health Anne Arundel Medical  
Center*  
*\*Presented by Parimal Rana, MD*
- 1:22 pm – 1:26 pm      789 - Complications Associated with Proximal Hamstring Tendon Repair:  
A Systematic Review  
*Jonathan Lawson, MS, Georgetown University School of Medicine*
- 1:26 pm – 1:30 pm      Discussion
- 1:30 pm – 1:34 pm      318 - A Binary Grading System Improves Inter- and Intra-Rater Reliability  
among Hip Specialists  
*William Michael Pullen, MD, Medical University of South Carolina*

- 1:34 pm – 1:38 pm 285 - Using Synovial WBC and PMN% to Predict DAIR Outcomes  
*Claudette M. Lajam, MD, NYU Langone Health*
- 1:38 pm – 1:42 pm 585 - Characteristics of Very Young Patients Undergoing Total Hip Arthroplasty  
*Brandon S. Gettleman, BS, University of South Carolina School of Medicine*
- 1:42 pm – 1:46 pm 632 - Tranexamic Acid in Sickle Cell Patients Undergoing Arthroplasty: Is it Safe?  
*Patrick Pallitto, MD, University of North Carolina Chapel Hill*
- 1:46 pm – 1:50 pm 709 - Distraction Related Complications after Hip Arthroscopy: A Systematic Review of Distraction Techniques  
*Jomar Aryee, MD, Rutgers Robert Wood Johnson*
- 1:50 pm – 1:55 pm Discussion

**RAPID FIRE SESSION 2E – Basic Science & Biologics** (*Beauregard Room*)

Moderators: TBD

- 1:10 pm – 1:14 pm 452 – Role of Synovial Fluid Cytokines in Predicting Long-Term Knee Arthroscopy Outcomes  
*Naina Rao, BS, NYU Langone Health*  
*\*Presented by Eric J. Strauss, MD*
- 1:14 pm – 1:18 pm 41 - Cartilage Tissue Exposure to Synovial Fluid Hematoma after Ankle Fracture  
*Albert Anastasio, MD, Duke University School of Medicine*
- 1:18 pm – 1:22 pm 794 - The Anatomic Position of the Sciatic Nerve during Percutaneous Retrograde Posterior Column Fixation is Determined by Hip Position  
*Marlon Murasko, MD, Albany Medical Center*
- 1:22 pm – 1:26 pm 547 - Characterization of 3D-Bioink with Polyvinyl Alcohol for Cartilage Tissue Engineering  
*Alexandra H. Aitchison, BS, Duke University*  
*\*Presented by Alexis L. Clifford, BS*
- 1:26 pm – 1:30 pm Discussion
- 1:30 pm – 1:34 pm 368 - Nanowarming by Inductive Heating of Vitriified Large Articular Cartilage Specimens  
*Mary-Katherine Lynch, MD, Medical University of South Carolina*
- 1:34 pm – 1:38 pm 204 - Performance of An Ultraviolet Air-Filtration Unit in the Operating Room  
*Diana Fernández-Rodríguez, MD, Rothman Orthopaedic Institute*

*\*Presented by Nicolina Zapple*

- 1:38 pm – 1:42 pm      31 - Comparative Biomechanical Design Analysis of Two Distinct Resorbable Interference Screws  
*Wayne S. Berberian, MD, MBA, Hackensack Meridian School of Medicine*
- 1:42 pm – 1:46 pm      128 - Autograft vs. Allograft in the Treatment of Long Bone Non-Unions: A Multicenter Study  
*Nainisha Chintalapudi, MD, Carolinas Medical Center/Atrium Health Musculoskeletal Institute*
- 1:46 pm – 1:50 pm      642 - Effects of Amniotic Fluid Stem Cell Conditioned Media for Treating PTOA in a Rat Model  
*Marcel Brown, MD, Wake Forest University School of Medicine*
- 1:50 pm – 1:55 pm      Discussion

**RAPID FIRE SESSION 2F – Tumor & Infection** (*Ashley Cooper Room*)

Moderators: TBD

- 1:10 pm – 1:14 pm      584 - Choice of Thromboprophylactic Agent May Impact Venous Thromboembolism Rates following Orthopaedic Surgery for Malignant Pathologic Fractures  
*Brandon S. Gettleman, BS, University of South Carolina School of Medicine*
- 1:14 pm – 1:18 pm      698 - Accuracy and Utility of Prebiopsy Suspicion Scoring for Musculoskeletal Neoplasms  
*Nickolas Kessler, BS, University of Central Florida College of Medicine*
- 1:18 pm – 1:22 pm      453 - Patient-Controlled Analgesia (PCA) vs. Non-PCA for Prophylactic Intramedullary Nailing  
*Ebunoluwa Olawole, BA, Cooper Bone and Joint Institute*
- 1:22 pm – 1:26 pm      20 - Mental Health Disorders and Postoperative Outcomes in Patients with Sarcoma  
*MaKenzie Chambers, BS, Cooper Medical School of Rowan University*
- 1:26 pm – 1:30 pm      Discussion
- 1:30 pm – 1:34 pm      54 - The Role of Ki67 Index in Grading Cartilage Tumors  
*Christina Gutowski, MD, MPH, Cooper University Healthcare Orthopaedic Oncology*
- 1:34 pm – 1:38 pm      623 - Survivorship and Complications following Distal Femoral Replacement for Neoplastic Indications  
*Carly Deter, BS, Geisinger Commonwealth School of Medicine*
- 1:38 pm – 1:42 pm      309 - Osteoporosis Does Not Increase Risk of Aseptic Loosening Following

Lower Extremity Megaprosthesis Reconstruction  
*Alexandra Krez, BA, Duke University School of Medicine*

1:42 pm – 1:46 pm 691 - Increased Postoperative Complications in Orthopaedic Metastatic Management Procedures for COVID-19 Positive Patients  
*Henry Hoang, BS, Montefiore Medical Center*

1:46 pm – 1:50 pm 429 - Trends in Patient Outcome Scores in Orthopaedic Oncology: Systematic Review  
*David Le, DO, Inspira Medical Center*

1:50 pm – 1:55 pm Discussion

### **Concurrent Symposium 3A – Innovations in Spine Surgery**

**Moderator:** Marc J. Levine, MD, RWJ / Barnabas Rutgers Health Care System

2:00 pm – 2:08 pm Overcoming Obstacles in Cervical Spine  
*James P. Lawrence MD, Medical University of South Carolina*

#### **2:08 pm – 2:20 pm Mini-Debate: Open vs. MIS Lumbar Spine**

Pro: Open Surgery (6 minutes)

*Andrew H. Milby, MD, Emory University*

Pro: MIS with a Robot (6 minutes)

*TBD*

2:20 pm – 2:28 pm Rebuttal / Discussion and Audience Q&A

2:28 pm – 2:36 pm Failure to Prioritize Your Practice  
*Joseph A. Bosco III, MD, NYU Langone Orthopedic Hospital*

2:36 pm – 2:44 pm Panel Discussion  
*Joseph A. Bosco III, MD, NYU Langone Orthopedic Hospital*  
*Andrew H. Milby, MD, Emory University*  
*John G. Heller, MD, Emory Orthopaedics & Spine Center*  
*James P. Lawrence MD, Medical University of South Carolina*

2:44 pm – 2:45 pm Final Comments

### **Concurrent Symposium 3B – Controversies in Sports Medicine: What Does the Evidence Say?**

*(Pavilion Ballrooms A-C)*

**Moderators:** Mark D. Miller, MD, *University of Virginia*

Mark J. Lemos, MD, *Lahey Medical Center*

2:00pm – 2:08 pm Primary ACL Repair  
*Thomas LaPorta, MD, Advanced Orthopedics & Sports Medicine of SWFL*

2:08 pm – 2:16 pm ACL Reconstruction: When to Add ALL



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

- 2:16 pm – 2:24 pm      The Biceps Tendon: Tenodesis vs. Tenotomy  
*Spero Karas, MD, Emory University*
- 2:24 pm – 2:32 pm      First Time Dislocation: Give Them a Sling or an Operation  
*Xinning Li, MD, Ryan Center for Sports Medicine*
- 2:32 pm – 2:45 pm      Discussion & Final Comments
- 2:45 pm – 3:15 pm      ***BREAK – Visit Exhibits (Live Oak, Dogwood & Cypress Ballrooms)***

**General Session 5 – New Jersey Orthopaedic Society**

**Moderators:** TBD

- 3:15 pm – 3:45 pm      Managing Your Wellbeing as an Orthopaedic Surgeon: Systems-Level  
Interventions to Mitigate Drivers of Burnout  
*Alfred Atanda, MD, Nemours Children's Health*

**Concurrent Symposium 4A – The Role of Private Equity in Orthopaedics**

**Moderators:** Adam J. Rana, MD, *Maine Medical Center*  
David S. Zelouf, MD, *Philadelphia Hand to Shoulder Center*

- 3:45 pm – 3:53 pm      We Partnered with PE, Here's How it's Going  
*Jeffrey H. Richmond, MD, Orthopaedic Associates of Manhasset*
- 3:53 pm – 4:01 pm      The MSO to Help Provide the Power of Scale  
*Scott A. Sigman, MD, OSA Orthopaedics*
- 4:01 pm – 4:09 pm      Monetizing Your Practice  
*Dana Jacoby, Vector Medical Group*
- 4:09 pm – 4:17 pm      From the Point of View of the PE Partner  
*Chris Fusco, CEO, Spire Orthopaedic Partners*
- 4:17 pm – 4:25 pm      The Value of Scale and Aggregation in Private Practice  
*David Jevsevar, MD, Ortho Virginia*
- 4:25 pm – 4:33 pm      How Third Parties May Help Make the Transition to VBC  
*Michael P. Bolognesi, MD, Duke Orthopaedics*
- 4:33 pm – 5:00 pm      Audience Participation: Discussion and Final Thoughts
- Moderators:** Adam J. Rana, MD, *Maine Medical Center*  
David S. Zelouf, MD, *Philadelphia Hand to Shoulder Center*
- Panel:** *Michael P. Bolognesi, MD, Duke Orthopaedics*  
*Chris Fusco, CEO, Spire Orthopaedic Partners*

*Dana Jacoby, Vector Medical Group*  
*David Jevsevar, MD, Ortho Virginia*  
*Jeffrey H. Richmond, MD, Orthopaedic Associates of Manhasset*  
*Scott A. Sigman, MD, OSA Orthopaedics*

**Concurrent Symposium 4B – The Great Debates & Commentaries in Orthopaedic Trauma**  
*(Pavilion Ballrooms A-C)*

**Moderators:** David E. Asprinio, MD, *Westchester Medical Center*

Lisa K. Cannada, MD, *Novant Health*

Elizabeth B. Gausden, MD, MPH, *Hospital for Special Surgery*

- 3:45 pm – 3:53 pm      **Commentary #1: Operative Treatment of Jones Fractures**  
*Martin J. O'Malley, MD, Hospital for Special Surgery*
- 3:53 pm – 4:05 pm      **Debate #1: Lisfranc Injuries – Does Everyone Need a Fusion?**  
Pro: *(6 minutes)*  
*Peter Mangone, MD, Emergeortho Blue Ridge Division*  
Con: *(6 minutes)*  
*Steven Haddad, MD, Illinois Bone & Joint Institute*
- 4:05 pm – 4:07 pm      Rebuttal/Discussion
- 4:07 pm – 4:19 pm      **Debate #2: IT Fractures – IMN or SHS?**  
IMN *(6 minutes)*  
*Richard S. Yoon, MD, RWJ / Barnabas Health*  
  
SHS *(6 minutes)*  
*David Wellman, MD, Westchester Medical Center*
- 4:19 pm – 4:21 pm      Rebuttal / Discussion
- 4:21 pm – 4:33 pm      **Debate #3: Periprosthetic Distal Femur Fractures – Fix or Replace?**  
Fix *(6 minutes)*  
*Lisa K. Cannada, MD, Novant Health*  
  
Replace *(6 minutes)*  
*Elizabeth B. Gausden, MD, MPH, Hospital for Special Surgery*
- 4:33 pm – 4:35 pm      Rebuttal / Discussion
- 4:35 pm – 4:47 pm      **Debate #4: 3/4 Part Proximal Humerus Fracture – ORIF**  
Pro: ORIF *(6 minutes)*  
*Frank Liporace, MD, Jersey City Medical Center*  
  
Pro: RTSA *(6 minutes)*  
*Joseph A. Abboud, MD, Rothman Orthopaedic Institute*
- 4:47 pm – 4:49 pm      Rebuttal / Discussion

- 4:49 pm – 4:55 pm                      Commentary #2: Newer Thoughts on Clavicle Fractures  
*David Wellman, MD, Westchester Medical Center*
- 4:55 pm – 5:01 pm                      Commentary #3: The Nail-Plate Combination  
*Frank Liporace, MD, Jersey City Medical Center*
- 5:01 pm – 5:05 pm                      Panel Discussion & Audience Participation
- Moderators:**                              David Asprinio, MD, *Westchester Medical Center*  
Lisa Cannada, MD, *Novant Health*  
Elizabeth B. Gausden, MD, MPH, *Hospital for Special Surgery*
- Panel:**                                        *Steven Haddad, MD, Illinois Bone & Joint Institute*  
*John D. Kelly IV, MD, University of Pennsylvania*  
*Frank Liporace, MD, Jersey City Medical Center*  
*Peter Mangone, MD, Emergeortho Blue Ridge Division*  
*Martin J. O'Malley, MD, Hospital for Special Surgery*  
*Richard S. Yoon, MD, RWJ / Barnabas Health*
- 5:05 pm – 6:05 pm                      **Scientific E-Poster Session** (*Jenkins Room, King Charles Room, Drayton Room, Colleton Room, Beauregard Room, Ashley Cooper Room*)  
(Presenters will be available to answer questions)

**EVENING SPOTLIGHT SESSIONS with Open Bar**

- 5:00 pm – 6:00 pm                      Zimmer Biomet

**Friday, October 27**

- 5:30 am – 6:30 am                      **Scientific E-Poster Session** (*Jenkins Room, King Charles Room, Drayton Room, Colleton Room, Beauregard Room, Ashley Cooper Room*)  
(Presenters will be available to answer questions)
- 6:30 am – 6:35 am                      **Announcements**  
*Michael P. Ast, MD, Program Chair*

**General Session 6 – Award Abstract Presentations**

- Moderators:** John P. McConnell, MD, *OrthoVirginia*  
Lee R. Leddy, MD, *Medical University of South Carolina*

- 6:35 am – 6:41 am                      **EOEF Parvizi Musculoskeletal Infection Award**  
273 - US Geographics of PJI: Are Centers of Excellence Feasible?  
*Samuel Rosas, MD, MBA, Wake Forest School of Medicine*
- 6:41 am – 6:47 am                      **EOEF Richmond Arthroscopy/Sports Medicine Award**  
732 - Proinflammatory Cytokines are Expressed in Bone after Rotator Cuff Tears

*Jayson Lian, MD, Montefiore Medical Center*

6:47 am – 6:57 am	Discussion
6:57 am – 7:03 am	<b>EOEF John D. &amp; Marie S. Kelly Shoulder Award</b> 780 - What Threshold of Range of Motion is Associated with Minimal Gain in Patient-Reported Outcome Scores after Total Shoulder Arthroplasty? <i>Jaquelyn Kakalecik, MD, University of Florida</i>
7:03 am – 7:09 am	<b>Cynthia Lichtefeld Resident/Fellow Travel Grant Award</b> 58 - Efficacy of Direct vs. Peripheral Adjuvant Dexamethasone on Duration and Rebound Pain in Regional Anesthesia for Outpatient Distal Radius Fracture Fixation: A Prospective Randomized Controlled Blinded Study <i>Alexis A. Kasper, BS, Rothman Orthopaedic Institute</i>
7:09 am – 7:15 am	<b>EOEF Young Investigator Award</b> 310 - Methylprednisolone Taper Reduces Acute Pain and Opioid Consumption after TSA <i>Zaamin Hussain, MD, EdM, Emory University</i>
7:15 am – 7:25 am	Discussion
7:25 am – 7:55 am	<b>Focused Breakfast Presentation – Pacira Biosciences, Inc.</b> Title TBD Speaker TBD*
<b>Symposium 5: What’s New: Quick Updates in the Subspecialty Worlds of Orthopaedics Part 1</b> <b>Moderators:</b> Michael P. Ast, MD, <i>Hospital for Special Surgery</i> Neil P. Sheth, MD, <i>University of Pennsylvania</i>	
7:55 am – 8:05 am	Biologics <i>Brian T. Samuelsen, MD, MBA, Lahey Health</i>
8:05 am – 8:15 am	Hand & Wrist <i>David S. Zelouf, MD, Philadelphia Hand to Shoulder Center</i>
8:15 am – 8:25 am	Trauma <i>Lisa K. Cannada, MD, Novant Health</i>
8:25 am – 8:35 am	Sports Knee <i>Nick Sgaglione, MD, Northwell Health Orthopaedics</i>
8:35 am – 8:45 am	Spine <i>Marc J. Levine, MD, RWJ / Barnabas Rutgers Health Care System</i>
8:45 am – 8:55 am	Shoulder & Elbow <i>Richard J. Friedman, MD, Medical University of South Carolina</i>

8:55 am – 9:25 am **BREAK – Visit Exhibits** (Live Oak, Dogwood & Cypress Ballrooms)

**Symposium 5: What’s New: Quick Updates in the Subspecialty Worlds of Orthopaedics Part 2**

**Moderators:** Michael L. Kessler, MD, *MedStar Georgetown University Hospital*  
Bruce A. Monaghan, MD, *Premier Orthopaedic Associates*

9:25 am – 9:35 am Foot & Ankle  
*Peter Mangone, MD, Emergeortho Blue Ridge Division*

9:35 am – 9:45 am Hip & Knee Arthroplasty  
*Neil P. Sheth, MD, University of Pennsylvania*

9:45 am – 9:55 am Basic Science & Oncology  
*Adam Levin, MD, Johns Hopkins University*

**Concurrent Symposium 6A – Innovations in Hand & Elbow Surgery**

**Moderators:** David S. Zelouf, MD, *Philadelphia Hand to Shoulder Center*  
Bruce Monaghan, MD, *Premier Orthopaedic Associates*

9:55 am – 10:01 am Metacarpal Fractures  
*Susanne M. Roberts, MD, Columbia University*

10:01 am – 10:07 am The Ulnar Nerve at the Wrist or the Elbow  
*A. Lee Osterman, MD, The Philadelphia Hand Center*

10:07 am – 10:13 am Distal Radius Fractures: When to Go from the Front or the Back  
*Jorge L. Orbay, MD, Miami Bone & Joint Institute*

10:13 am – 10:19 am Total Elbow Arthroplasty in 2023  
*Michael L. Kessler, MD, MedStar Georgetown University Hospital*

10:19 am – 10:25 am Q&A

**Concurrent Symposium 6B – Innovations in Knee Arthroplasty (Pavilion Ballrooms A-C)**

**Moderator:** Arjun Saxena, MD, MBA, *Rothman Orthopaedic Institute*

9:55 am – 10:01 am The Science of Swelling  
*Andrew B. Wickline, MD, Genesee Orthopedics & Plastic Surgery Associates PC*

10:01 am – 10:07 am The Smart Implant  
*Fred D. Cushner, MD, Hospital for Special Surgery*

10:07 am – 10:13 am Cementless Knee Arthroplasty  
*H. Del Schutte Jr., MD, Charleston Institute for Advanced Orthopedics*

10:13 am – 10:19 am Robotics for Primary and Revision Knee Arthroplasty  
*Thorsten M. Seyler, MD, PhD, Duke University*

10:19 am – 10:25 am Q&A  
10:25 am – 10:30 am **EOA Humanitarian & Outstanding Service Award Presentation**

### **General Session 7 – EOEf Presidential Guest Speaker**

**Moderator:** Kevin D. Plancher, MD, MPH, *Albert Einstein College of Medicine*

10:30 am – 10:33 am Introduction of EOEf Presidential Guest Speaker  
*Kevin D. Plancher, MD, MPH, Albert Einstein College of Medicine*

10:33 am – 11:20 am What Great Coaches Taught Me About Leadership  
*Bill Walton*

11:20 am – 11:40 am **Break – Visit Exhibits** (*Live Oak, Dogwood & Cypress Ballrooms*)

### **Symposium 7 – Evolving Techniques & Innovations in Sports Medicine**

**Moderators:** Nick Sgaglione, MD, *Northwell Health Orthopaedics*  
David W. Romness, MD, *OrthoVirginia*

11:40 am – 11:46 am Bridge Enhanced ACL Restoration  
*Sean McMillan, DO, Virtua Health Systems*

11:46 am – 11:52 am Meniscus Implants, Scaffolds and Transplants  
*Daniel B. F. Saris, MD, PhD, Mayo Clinic*

11:52 am – 11:58 am Cartilage Repair in 2023  
*Mark D. Miller, MD, University of Virginia*

11:58 am – 12:28 pm **Focused Lunch Presentation – Pacira Biosciences, Inc.**  
Title TBD  
Speaker TBD\*

12:30 pm – 1:30 pm **Scientific E-Poster Session** (*Jenkins Room, King Charles Room, Drayton Room, Colleton Room, Beauregard Room, Ashley Cooper Room*)  
(Presenters will be available to answer questions)

## **Saturday, October 28**

6:00 am – 7:00 am **Scientific E-Poster Session** (*Jenkins Room, King Charles Room, Drayton Room, Colleton Room, Beauregard Room, Ashley Cooper Room*)  
(Presenters will be available to answer questions)

6:30 am – 9:00 am **Chairs & Program Directors Meeting (Invitation Only)**  
(*Cannonborough Room*)  
Gary Friedlander, MD

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\* Industry Presentation – CME Credit Not Available

6:45 am – 7:00 am           **Second Business Meeting**

7:00 am – 7:05 am           **Program & Morning Announcements**  
*Michael P. Ast, MD, Program Chair*

**Symposium 8 – Burnout, Diversity & Wellness**

**Moderator:** Michael P. Bolognesi, MD, *Duke University*

07:05 am – 7:15 am           How to Avoid Burnout  
*John D. Kelly IV, MD, University of Pennsylvania*

7:15 am – 7:25 am           The Importance of Mentorship  
*Michael L. Kessler, MD, MedStar Georgetown University Hospital*

7:25 am – 7:35 am           Keys to a True Wellness Initiative  
*Steve Forti, RN, Chief Wellness & Resiliency Officer, Hospital for Special Surgery*

**Concurrent Symposium 9A – Elbow**

**Moderators:** John D. Lubahn, MD, *Hand, Microsurgery & Reconstructive Orthopaedics, LLP*  
Henry A. Backe Jr., MD, *Orthopaedic Specialty Group*  
Daniel Osei, MD, *Hospital for Special Surgery*

7:35 am – 7:40 am           Lateral Epicondylitis & Biologics  
*Henry A. Backe Jr., MD, Orthopaedic Specialty Group*

7:40 am – 7:45 am           The Unstable Elbow: My Tricks for Success  
*Jorge L. Orbay, MD, Miami Bone & Joint Institute*

7:45 am – 7:50 am           UCL  
*Srinath Kamineni, MD, University of Kentucky*

7:50 am – 8:05 am           Discussion with Case Panel

**Moderators:** John D. Lubahn, MD, *Hand, Microsurgery & Reconstructive Orthopaedics, LLP*  
Daniel Osei, MD, *Hospital for Special Surgery*

**Panel:** *Henry A. Backe Jr., MD, Orthopaedic Specialty Group*  
*Srinath Kamineni, MD, University of Kentucky*  
*Jorge L. Orbay, MD, Miami Bone & Joint Institute*

**Concurrent Symposium 9B – Innovation in Hip Arthroplasty (Pavilion Ballrooms A-C)**

**Moderators:** Neil P. Sheth, MD, *University of Pennsylvania*  
Javad Parvizi, MD, FRCS, *Rothman Orthopaedic Institute*

7:35 am – 7:40 am           The 1 Stage Revision Arthroplasty for Infection  
*F. Johannes Plate, MD, University of Pittsburgh Medical Center*

7:40 am – 7:45 am Updates in Periprosthetic Femur Fracture  
*Elizabeth B. Gausden, MD, MPH, Hospital for Special Surgery*

7:45 am – 7:50 am Dealing with Unusual Femoral Anatomy: Lots of Stem Choice Options  
*Jason L. Blevins, MD, Hospital for Special Surgery*

7:50 am – 8:05 am Discussion with Case Panel

**Moderators:** Javad Parvizi, MD, FRCS, *Rothman Orthopaedic Institute*  
Neil P. Sheth, MD, *University of Pennsylvania*

**Panel:** *Jason L. Blevins, MD, Hospital for Special Surgery*  
*Elizabeth B. Gausden, MD, MPH, Hospital for Special Surgery*  
*F. Johannes Plate, MD, University of Pittsburgh Medical Center*

**Concurrent Symposium 9C – Foot & Ankle** (*Ansonborough Room*)

**Moderator:** Sameh A. Labib, MD, *Emory University*

7:35 am – 7:40 am Talus AVN: Treatment Options in 2023  
*Selene G. Parekh, MD, MBA, Rothman Orthopaedic Institute*

7:40 am – 7:45 am Brostrom Repair in Athletes: Open vs Endoscopic  
*Kenneth J. Hunt, MD, University of Colorado*

7:45 am – 7:50 am Navicular Stress Fracture: Tips and Tricks  
*Martin J. O'Malley, MD, Hospital for Special Surgery*

7:50 am – 8:05 am Discussion with Case Panel

**Concurrent Symposium 9D – Hip Preservation** (*Harleston Room*)

**Moderator:** Richard M. Wilk, MD, *Brigham & Women's Hospital*

7:35 am – 7:40 am Biologics & Hip Preservation  
*Brian T. Samuelsen, MD, MBA, Lahey Health*

7:40 am – 7:45 am Hamstring, Ischiofemoral Impingement, Piriformis, etc. Pushing the Envelope  
*John D. Kelly IV, MD, University of Pennsylvania*

7:45 am – 7:50 am Treatment of Gluteus Medius and Minimus Tears  
*Richard M. Wilk, MD, Brigham & Women's Hospital*

7:50 am – 8:05 am Discussion with Case Panel

8:05 am – 8:35 am **Focused Breakfast Presentation – Atrium Wake Forest Baptist Dept of Orthopaedics**  
Title TBD



Speaker TBD\*

**RAPID FIRE SESSION 3A – Foot & Ankle (Jenkins Room)**

Moderators: TBD

- 8:40 am – 8:44 am      101 - Decreased Reoperation Rate with ABMP in Foot and Ankle Fusions  
*Daniel J. Scott, MBA, MD, Medical University of South Carolina*  
*\*Presented by Elizabeth Nadeau, MD*
- 8:44 am – 8:48 am      43 - Outcomes after Total Ankle Arthroplasty with a Ten-Year Minimum  
Follow-Up  
*Kian Bagheri, BA, Duke University School of Medicine*  
*\*Presented by Alexis L. Clifford, BS*
- 8:48 am – 8:52 am      778 - Assessing Risk Factors of VTE for Elective Foot and Ankle Surgeries  
*Kevin Y. Heo, BS, Emory University School of Medicine*
- 8:52 am – 8:56 am      692 - COVID-19 Positivity and Ankle Surgery: Examining the Risk of  
Postoperative Complications  
*Henry Hoang, BS, Montefiore Medical Center*
- 8:56 am – 9:00 am      Discussion
- 9:00 am – 9:04 am      604 - Axial Rotation Analysis in Total Ankle Arthroplasty Using Weight-  
Bearing Computer Tomography and Three-Dimensional Modeling  
*Joshua E. Ovadia, BSc, University of Miami Miller School of Medicine*
- 9:04 am – 9:08 am      527 - Cut or Cast? Evaluating Demographics and Mortality in Charcot  
Management  
*Michaela Pitcher, BS, Penn State College of Medicine*
- 9:08 am – 9:12 am      427 - Retrospective Review of 200 Consecutive, Single Surgeon, Fibula  
Nails with Proximal and Distal Fixation  
*Christopher Hodgkins, MD, Baptist Health South Florida*
- 9:12 am – 9:16 am      283 - Nitinol Staples vs. Plates for Primary Arthrodesis of Lisfranc Injuries  
*Alexander Dombrowsky, MD, Carolinas Medical Center*
- 9:16 am – 9:20 am      93 - Improved Survival Rates with Fixed Bearing Total Ankle Arthroplasty  
*Elizabeth Nadeau, MD, Medical University of South Carolina*
- 9:20 am – 9:25 am      Discussion

**RAPID FIRE SESSION 3B – Spine (King Charles Room)**

Moderators: TBD

- 8:40 am – 8:44 am      214 - MI-TLIF vs. ALIF with Pedicle Screw Fixation in Single-Level  
Fusion

*Neil Patel, MD, St. Joseph's University Medical Center*  
*\*Presented by George Abdelmalek, BA*

- 8:44 am – 8:48 am      618 - Comparison of Value for Primary and Revision Adult Spinal Deformity Surgery  
*Alex Ngan, MD, Northwell Health*  
*\*Presented by John J. Corvi or Junho Song, BS*
- 8:48 am – 8:52 am      134 - Sarcopenia Negatively Impacts PROMs after Microdiscectomy  
*Jeremy C. Heard, BS, MAT, Rothman Institute*  
*\*Presented by Teeto Ezeonu, BA*
- 8:52 am – 8:56 am      **NJOS Travel Grant Award**  
799 – Noise Induced Hearing Loss in Spine Surgeons  
*Matthew Meade, DO, Rowan SOM/Jefferson NJ*
- 8:56 am – 9:00 am      Discussion
- 9:00 am – 9:04 am      504 - Impact of Anemia Severity on Adverse Outcomes after Spine Fusion  
*Tariq Issa, BA, Rothman Orthopaedic Institute*
- 9:04 am – 9:08 am      499 - The Clinical Utility of Pfirrmann Scores in Lumbar Fusion Patients  
*Delano Trenchfield, BS, Rothman Orthopaedic Institute*  
*\*Presented by Tariq Issa, BA*
- 9:08 am – 9:12 am      366 - How Does Illicit Drug Use Impact Native Spine Infection Outcomes?  
*Parker L. Brush, MD, Rothman Orthopaedic Institute*  
*\*Presented by Johnlevi S. Lazaro, DO*
- 9:12 am – 9:16 am      754 - Are Routine Postoperative Laboratory Tests Necessary after Primary 1 or 2 Level Lateral Interbody Fusions?  
*Virgenal Owens, MD, Atrium Health Musculoskeletal Institute*
- 9:16 am – 9:20 am      240 - Depression Screenings Improve Lumbar Fusion Outcomes and Reduces Costs  
*Mitchell K. Ng, MD, Maimonides Medical Center*
- 9:20 am – 9:25 am      Discussion

**RAPID FIRE SESSION 3C – AI & Machine Learning (Drayton Room)**

Moderators: TBD

- 8:40 am – 8:44 am      476 - Evaluating ChatGPT Performance on the Orthopaedic In-Training Exam  
*Justin E. Kung, MD, Prisma Health/University of South Carolina School of Medicine*
- 8:44 am – 8:48 am      149 - Accuracy of Information Provided by ChatGPT for Musculoskeletal

Conditions

*Chandler Sparks, MS, Hackensack Meridian School of Medicine*

- 8:48 am – 8:52 am      659 - Can Machine Learning Create Patient-Reported Outcomes Measures for Pediatric Scoliosis?  
*Isabel Herzog, BA, Rutgers New Jersey Medical School*
- 8:52 am – 8:56 am      203 - Predicting 90-Day Return to the Emergency Department in Orthopaedic Trauma Patients: A Machine Learning Approach  
*Bruno N. Valan, BS, MENG, Duke University School of Medicine*
- 8:56 am – 9:02 am      Discussion
- 9:02 am – 9:06 am      543 - ChatGPT Performance on the Orthopaedic In-Training Examination (OITE): No Better than a PGY3 Resident?  
*Karan Goswami, MD, Rothman Institute at Thomas Jefferson University*
- 9:06 am – 9:10 am      516 - Assessing the Potential Role of ChatGPT in Spine Surgery Research  
*Dhruv Mendiratta, BS, Rutgers New Jersey Medical School*
- 9:10 am – 9:14 am      300 - Artificial Intelligence Analysis of Scapula Dynamics Using Dynamic Digital Radiography  
*Zaamin Hussain, MD, EdM, Emory University*
- 9:14 am – 9:18 am      769 - Developing a Natural Language Processing Algorithm to Detect Spinal Metastasis on MRI Reports  
*Evan Mostafa, MD, Montefiore Medical Center*  
*\*Presented by Aaron Hui, BS*
- 9:18 am – 9:25 am      Discussion

**RAPID FIRE SESSION 3D – Diversity and Social Determinants of Health** (*Colleton Room*)

Moderators: TBD

- 8:40 am – 8:44 am      **EOEF Cynthia L. Emory, MD, MBA Travel Grant**  
771 - An Assessment of Scope, Sex, and Racial Representation Within Orthopaedic Research Consortiums  
*Alfred M. Luciani, MD, Geisinger Medical Center*
- 8:44 am – 8:48 am      30 - Diversity within Foot and Ankle Surgery: A Systematic Review  
*Justin Leal, Duke University School of Medicine*
- 8:48 am – 8:52 am      809 - Socio-Demographic Characteristics of Pediatric Orthopaedic Division Chiefs in the US  
*Joshua Proal, BS, Tufts University School of Medicine*
- 8:52 am – 8:56 am      782 - Demographic and Institutional Differences in Analgesic Management of Pediatric Tibial Shaft Fractures in the Emergency Department

*Amanda Azer, BA, Rutgers New Jersey Medical School*

- 8:56 am – 9:00 am Discussion
- 9:00 am – 9:04 am 481 - Identifying Applicant Characteristics Influencing the Orthopaedic Surgery Match  
*Daniel J. OConnell, BS, University of North Carolina School of Medicine*
- 9:04 am – 9:08 am 157 - Orthopaedic Shadowing Program Improves Perceptions among Preclinical Medical Students  
*Gokul Kalyanasundaram, BS, Albany Medical Center*
- 9:08 am – 9:12 am 389 - Women are Underrepresented among Fellowship Program Directors in Orthopaedic Surgery  
*Jason Silvestre, MD, Howard University Hospital*
- 9:12 am – 9:16 am 500 - Social Deprivation Impacts Outcomes following Surgical Fixation of Pelvic Ring Injuries  
*Urvi J. Patel, MD, University of Rochester Medical Center*
- 9:16 am – 9:20 am 200 - Racial Disparities Persist in 90-Day Unplanned Return to the Emergency Department following Orthopaedic Trauma Surgery  
*Tristan Chari, BA, Duke University Medical Center*
- 9:20 am – 9:25 am Discussion

**RAPID FIRE SESSION 3E – Total Hip** (*Beauregard Room*)

Moderators: TBD

- 8:40 am – 8:44 am **EOEF Resident Travel Grant Award**  
50 - Direct Anterior Approach is Associated with Superior Early Mobilization after Total Hip Arthroplasty for Femoral Neck Fracture  
*Benjamin Villacres Mori, MD, Albany Medical Center*
- 8:44 am – 8:48 am 247 - Cemented vs. Uncemented Total Hip Arthroplasty in Patients with Osteoporosis  
*Alex Gu, MD, George Washington University*  
*\*Presented by Emile-Victor Kuyl*
- 8:48 am – 8:52 am 537 - Periprosthetic Fracture Rates Using Collared Stems in Uncemented Primary Total Hip Arthroplasty with a Posterior Approach  
*Robert G. Ricotti, MS, Hospital for Special Surgery*
- 8:52 am – 8:56 am 539 - Patient-Reported Outcomes following Staged and Simultaneous Bilateral Total Hip Arthroplasties  
*Ryan Cheng, BA, Hospital for Special Surgery*
- 8:56 am – 9:00 am Discussion

9:00 am – 9:04 am	522 - The Impact of Socioeconomic Status and Race on Outcomes after Hip Fracture <i>Byron Udegbe, BA, Lewis Katz School of Medicine at Temple University</i>
9:04 am – 9:08 am	<b>EOEF Adam J. Rana, MD Travel Grant</b> 372 - How Do Variations in Staged Periprosthetic Joint Infection Treatment Protocols for Total Hip Arthroplasty Impact Mental Health Outcomes? <i>Avilash Das, MD, George Washington University School of Medicine</i>
9:08 am – 9:12 am	804 - Implant Survivorship among Sickle Cell Patients following Total Hip Arthroplasty <i>Alex Gu, MD, George Washington University</i>
9:12 am – 9:16 am	800 - Comparing Rates of Achieving PROM MCIDs in cTHA vs. pTHA <i>Tyler J. Humphrey, BA, Newton Wellesley Hospital</i> <i>*Presented by Priya Duvvuri, BA</i>
9:16 am – 9:20 am	474 - Impact of Total Hip Arthroplasty Surgical Approach on Predicted 90-Day Postoperative Opioid Consumption <i>Tracy Borsinger, MD, Hospital for Special Surgery</i>
9:20 am – 9:25 am	Discussion
<b>RAPID FIRE SESSION 3F – Health Economics (Ashley Cooper Room)</b>	
Moderators: TBD	
8:40 am – 8:44 am	768 - The Impact of Prior Authorization on Orthopaedic Surgery and Subspecialty Care: A prospective multicenter analysis <i>Claudius Jarrett, MD, Wilmington Health Orthopaedics and Sports Medicine</i>
8:44 am – 8:48 am	311 - The Cost of Delayed Referral for Prosthetic Joint Infection <i>Josef E. Jolissaint, MD, Carolinas Medical Center &amp; OrthoCarolina Hip and Knee Center</i>
8:48 am – 8:52 am	457 - Evaluating the Value of Radiologist Interpretation of Intraoperative Spine Radiographs <i>Ryan Lin, BS, University of Pittsburgh School of Medicine</i>
8:52 am – 8:56 am	191 - Trends in Costs and Professional Reimbursements for Revision Total Hip and Knee Arthroplasty <i>Kevin Y. Heo, BS, Emory University School of Medicine</i>
8:56 am – 9:00 am	Discussion
9:00 am – 9:04 am	83 - Surprise Billing in Total Joint Arthroplasty and Its Effect on Patient Satisfaction

*Quincy T. Cheesman, DO, Rowan University School of Osteopathic  
Medicine / Rothman Orthopaedic Institute*

- 9:04 am – 9:08 am      384 - Frailty Correlated with Increased Adverse Events and Costs after  
Revision THA  
*Akshay Lakra, MD, Albany Medical Centre*
- 9:08 am – 9:12 am      232 - Increased Complications and Costs after THA for Primary and  
Secondary Osteonecrosis  
*Gireesh B. Reddy, MD, University of Miami/Jackson Memorial Hospital*
- 9:12 am – 9:16 am      660 - Insurance Status Influences In-Hospital Outcomes among Hip  
Dysplasia Patients  
*Isabel Herzog, BA, Rutgers New Jersey Medical School*
- 9:16 am – 9:20 am      758 - Use of In-Office Shoulder Ultrasound Increases Efficiency of Care in  
Surgical Treatment of Full Thickness Rotator Cuff Tears  
*Dylan N. Greif, MD, University of Rochester Medical Center*
- 9:20 am – 9:25 am      Discussion
- 9:25 am – 10:10 am      ***BREAK – Visit Exhibits (Live Oak, Dogwood & Cypress Ballrooms)***

#### **Symposium 10 – The Business of Medicine**

**Moderators:** Adolph V. Lombardi Jr., MD, FACS, *JIS Orthopedics*  
Alexander R. Vaccaro, MD, PhD, MBA, *Rothman Orthopaedic Institute*

- 10:10 am – 10:20 am      Billing and Coding: Tips and Tricks for Success  
*Richard S. Yoon, MD, RWJ / Barnabas Health*
- 10:20 am – 10:30 am      Understanding the Value in Your Practice  
*Alexander R. Vaccaro, MD, PhD, MBA, Rothman Orthopaedic Institute*
- 10:30 am – 10:40 am      Gainsharing: What's New for the Hospital-Employed Physician?  
*Joseph A. Bosco III, MD, NYU Langone Orthopedic Hospital*

#### **Symposium 11 – The Transition to Outpatient Orthopaedic Surgery (Pavilion Ballrooms A-C)**

**Moderators:** Michael P. Ast, MD, *Hospital for Special Surgery*  
Neil P. Sheth, MD, *University of Pennsylvania*

- 10:40 am – 10:50 am      Spine Surgery in the ASC: ACDFs, Multilevel Fusions, etc.  
*Sheeraz Qureshi, MD, Hospital for Special Surgery*
- 10:50 am – 11:00 am      Preparing for Primary Arthroplasty in the ASC  
*Adolph V. Lombardi Jr., MD, FACS, JIS Orthopedics*
- 11:00 am – 11:10 am      How about Revision Hip and Knee Replacement in the ASC?  
*Coleman D. Fowble, MD, Midlands Orthopaedics & Neurosurgery*

11:10 am – 11:20 am Can We Do Trauma in the ASC?  
*Lisa K. Cannada, MD, Novant Health*

**General Session 8 – Howard Steel Lecturer**

**Moderator:** Kevin D. Plancher, MD, MPH, *Albert Einstein College of Medicine*

11:20 am – 11:25 am Introduction of the Howard Steel Lecturer  
*Kevin D. Plancher, MD, MPH, Albert Einstein College of Medicine*

11:25 am – 12:10 pm Between a Rock and a Hard Place: Turning Adversity to Advantage  
*Aron Ralston*

12:10 pm – 12:40 pm **Focused Lunch Presentation – Cervos Medical**  
Bone Marrow Aspirate: Basic Science and it's Clinical Use  
*Anil S. Ranawat, MD, Hospital for Special Surgery*

12:40 pm – 1: 10 pm **Break – Visit Exhibits & Ice Cream Social** (Live Oak, Dogwood & Cypress Ballrooms)

**RAPID FIRE SESSION 4A – Complications in Orthopaedics** (*Jenkins Room*)

Moderators: TBD

1:10 pm – 1:14 pm 112 - Arthroscopists Beware: Noise Levels in the Operating Room Can Reach Damaging Levels  
*William Baker, DO, Rowan University School of Osteopathic Medicine*

1:14 pm – 1:18 pm **EOEF Resident Travel Grant Award**  
23 - Younger Patients Undergoing Total Ankle Arthroplasty Experience Higher Complication Rates and Worse Functional Outcomes Scores  
*Albert Anastasio, MD, Duke University School of Medicine*

1:18 pm – 1:22 pm 610 - Foot and Ankle Surgery Postoperative Complications Regional vs. General Anesthesia  
*Margaret Vacchiano, BS, Drexel University College of Medicine*

1:22 pm – 1:26 pm 402 - Neutrophil-to-Lymphocyte Ratio: A Diagnostic Marker for Musculoskeletal Infections in Children  
*Malini Anand, BS, Vanderbilt University School of Medicine*  
*\*Presented by William F. Hefley, BS*

1:26 pm – 1:30 pm Discussion

1:30 pm – 1:34 pm 244 - Prior Fragility Fracture Associated with Significantly Higher Risk of Complications following Total Shoulder Arthroplasty  
*Amy Zhao, BA, The George Washington University*

1:34 pm – 1:38 pm 383 - Frailty Leads to More Complications and Cost after TSA

*Akshay Lakra, MD, Albany Medical Centre*

- 1:38 pm – 1:42 pm      638 - Impact of Different Body Mass Index Cutoff Points on Complication Rates following Primary Total Shoulder Arthroplasty  
*Lauren Schell, MS, Medical University of South Carolina*
- 1:42 pm – 1:46 pm      468 - Never Too Old For TSA: Nonagenarians Do Not Experience Increased Surgical Complications following Total Shoulder Arthroplasty  
*Jacqueline G. Tobin, BS, MS, Medical University of South Carolina*
- 1:46 pm – 1:50 pm      108 - THA and LSF For Hip-Spine Pathology: Impact of Surgical Sequence  
*Irfan A. Khan, MD, ATC, Louisiana State University Health Sciences Center*
- 1:50 pm – 1:55 pm      Discussion

**RAPID FIRE SESSION 4B – Outpatient Surgery (King Charles Room)**

Moderators: TBD

- 1:10 pm – 1:14 pm      102 - Cost Efficiency of TSA in an ASC vs. Hospital Setting  
*Daniel J. Scott, MBA, MD, Medical University of South Carolina*  
*\*Presented by Alex Guareschi, BS*
- 1:14 pm – 1:18 pm      111 - Comparing Traditional Outpatient Physical Therapy to Virtual Physical Therapy after Same-Day Discharge Total Knee Arthroplasty  
*Ryan DeCook, Total Joint Specialists*
- 1:18 pm – 1:22 pm      407 - Evaluating the Safety and Efficacy of Same Day Discharges for Total Joint Arthroplasty in a Veterans Affairs Hospital  
*Oluwadamilola O. Kolade, MD, Howard University Hospital*
- 1:22 pm – 1:26 pm      **EOEF Geoffrey H. Westrich, MD Travel Grant**  
553 - Can Surgeons Influence Length of Stay after UKA? A Prospective, Randomized Study  
*Cameron R. Egan, MD, Massachusetts General Hospital*
- 1:26 pm – 1:30 pm      Discussion
- 1:30 pm – 1:34 pm      489 - Causes and Risk Factors for Failed Same-Day Discharge after Total Joint Arthroplasty  
*Matthew Gong, MD, University of Pittsburgh Medical Center*
- 1:34 pm – 1:38 pm      578 - Differences in Infections and Costs between Total Hip Arthroplasty in Outpatient vs Inpatient Facilities  
*Ariel N. Rodriguez, MD, Maimonides Medical Center*
- 1:38 pm – 1:42 pm      750 - Opioid Prescribing after Outpatient Compared to Inpatient Total Knee Arthroplasty



*Patawut Bovonratwet, MD, Hospital for Special Surgery*

- 1:42 pm – 1:46 pm 398 - Safely Decreasing the TKA Length of Stay following the COVID-19 Pandemic  
*Bailey E. Shevenell, BA, Maine Medical Partners Orthopedics Joint Replacement*
- 1:46 pm – 1:50 pm 290 - Key Drivers of 30-Day Return to Emergency Department Presentation After Total Joint Arthroplasty: An Institutional Experience  
*Christian Pean, MD, Duke University School of Medicine*  
*\*Presented by Christian Zirbes, BS*

1:50 pm – 1:55 pm Discussion

**RAPID FIRE SESSION 4C – Upper Extremity (Drayton Room)**

Moderators: TBD

- 1:10 pm – 1:14 pm **EOEF John D. Kelly, IV, MD Travel Grant**  
639 - Impact of Climate on Ulnar Collateral Ligaments in Professional Pitchers  
*Brian E. Fliegel, DO, Rowan SOM/Jefferson-NJ*
- 1:14 pm – 1:18 pm 294 - No Difference in Ten-Year Survivorship of Total Shoulder Arthroplasty vs. Hemiarthroplasty for Avascular Necrosis of the Humeral Head  
*Philip M. Parel, BS, George Washington University School of Medicine and Health Sciences*
- 1:18 pm – 1:22 pm **NJOS Travel Grant Award**  
206 - Surgical Site Infection Risk Factors following Arthroscopic Rotator Cuff Repair  
*Neil Patel, MD, St. Joseph's University Medical Center*
- 1:22 pm – 1:26 pm 239 - Depression Screenings Reduce Complications, Readmissions, and Costs in Shoulder Arthroplasty  
*Jake Schwartz, MD, Maimonides Medical Center*
- 1:26 pm – 1:30 pm Discussion
- 1:30 pm – 1:34 pm 667 - Risk Factors for Aseptic Loosening following Primary Total Elbow Arthroplasty  
*Harriet Prior, BS, Downstate Orthopaedics*  
*\*Presented by Jake Schwartz*
- 1:34 pm – 1:38 pm **EOEF Resident Travel Grant Award**  
546 - Understanding Variations in the Management of Displaced Distal Radius Fractures with Satisfactory Reduction  
*Jomar Aryee, MD, Rutgers Robert Wood Johnson*

- 1:38 pm – 1:42 pm      **EOEF Resident Travel Grant Award**  
 448 - Outcomes following Humeral Head Autograft Glenoid Reconstruction  
 in Primary Reverse Total Shoulder Arthroplasty  
*Alex Guareschi, BS, Medical University of South Carolina*
- 1:42 pm – 1:46 pm      461 - Regional Anesthesia is Associated with Increased Readmission,  
 Reoperation and Decreased Operating Time Following Total Shoulder  
 Arthroplasty  
*Nikhil Vallabhaneni, BA, Medical University of South Carolina*
- 1:46 pm – 1:50 pm      435 - Psychiatric Comorbidities Are an Independent Risk Factor for Peri-  
 and Postoperative Complications in Patients Undergoing Primary Total  
 Shoulder Arthroplasty  
*Richard J. Friedman, MD, FRCSC, Medical University of South Carolina*  
*\*Presented by Lawrence Vanderham, MS*
- 1:50 pm – 1:55 pm      Discussion

**RAPID FIRE SESSION 4D – Pediatric Sports Medicine (Colleton Room)**

Moderators: TBD

- 1:10 pm – 1:14 pm      430 - The Effect of Concomitant TTO on Return to Sport after MPFL  
 Reconstruction  
*Zachary Li, BA, NYU Langone Health*
- 1:14 pm – 1:18 pm      106 - Inflammatory Markers Have Limited Utility in Diagnosing Hip  
 Effusions  
*Gokul Kalyanasundaram, Albany Medical Center*
- 1:18 pm – 1:22 pm      486 - A Normalized Anterior Portal for Elbow Arthroscopy  
*Luke Kirk, BS, University of Kentucky*
- 1:22 pm – 1:30 pm      Discussion
- 1:30 pm – 1:34 pm      636 - Effects of Static Exercise on Hip Muscle Fatigue Assessed by Surface  
 Electromyography  
*Olivia L. Dyer, Bucknell University*
- 1:34 pm – 1:38 pm      806 - The Blumensaat Line on Lateral Radiograph as a Correlation of ACL  
 Length Measured on MRI  
*Jeffrey Simpson, BS, University of Central Florida College of Medicine*
- 1:38 pm – 1:42 pm      679 - Untreated Ruptures of the ACL: A 54-Year Follow-Up Study  
*Laura S. Dameron, Raleigh Orthopaedic Clinic*
- 1:42 pm – 1:46 pm      434 - Is Obesity a Risk Factor for Increased Severity of Rotator Cuff Tear?  
*MaKenzie Chambers, BS, Cooper Medical School of Rowan University*

1:46 pm – 1:55 pm Discussion

**RAPID FIRE SESSION 4E –Trauma** (*Beauregard Room*)

Moderators: TBD

- 1:10 pm – 1:14 pm **EOEF Resident Travel Grant Award**  
510 - Intramedullary Nail vs. Plate Fixation for Diaphyseal Humeral Shaft Fractures  
*Urvi J. Patel, MD, University of Rochester Medical Center*
- 1:14 pm – 1:18 pm **EOEF Henry A. Backe Jr., MD Travel Grant**  
716 - Liposomal Bupivacaine Does Not Decrease Postoperative Pain in Patients with Intracapsular Femoral Neck Fracture: A Double-blinded Randomized, Controlled Trial  
*Mitchell K. Ng, MD, Maimonides Medical Center*
- 1:18 pm – 1:22 pm 724 - Marijuana Use and Complication Risk after Tibial Shaft Fracture Fixation  
*Ridge Maxson, BS, Johns Hopkins University School of Medicine*  
*\*Presented by Victoria E. Bergstein, BA*
- 1:22 pm – 1:26 pm 348 - Anterior Tibial Artery Danger Zone in Anterolateral Plate Fixation of the Distal Tibia: A 3D CT Angiogram Modeling Study  
*Brendon C. Mitchell, MD, University of California, San Diego*  
*\*Presented by Sean D. Thomas, MD*
- 1:26 pm – 1:30 pm Discussion
- 1:30 pm – 1:34 pm 198 - Does Intramedullary Fixation of Fibular Fractures in High Risk Patients Reduce Postoperative Complications Compared to Standard Plate Fixation?  
*Ian S. Hong, BMSc, Jersey City Medical Center*
- 1:34 pm – 1:38 pm 130 - Outcomes of Ballistic Femoral Neck vs. Closed Blunt Injury Fractures  
*Henry Shu, BS, Johns Hopkins University*
- 1:38 pm – 1:42 pm 165 - The Anconeus Triceps Hemipeel Approach for Displaced Intra-articular Distal Humeral Fractures is a Safe and Effective Technique  
*Andrew B. Rees, MD, Atrium Health Musculoskeletal Institute*
- 1:42 pm – 1:46 pm 12 - Time to Union in Ballistic Trauma Lower Extremity Diaphyseal Fractures  
*Melissa C. Soderquist, MD, Temple University Hospital*
- 1:46 pm – 1:50 pm 574 - Orthopaedic Injury Patterns and Trends following New York City's Electric Scooter and Bike Legalization: Data from Trauma Patients at an Urban Level 1 Trauma Center

*Aaron Lam, MD, Maimonides Medical Center*  
*\*Presented by Ariel N. Rodriguez, MD*

1:50 pm – 1:55 pm Discussion

**RAPID FIRE SESSION 4F – Innovation and Social Media in Orthopaedics** (*Ashley Cooper Room*)

Moderators: TBD

- 1:10 pm – 1:14 pm **EOEF Resident Travel Grant Award**  
622 - The Misinformation of Orthopaedic Conditions on Social Media:  
Analysis of TikTok and Instagram  
*Oluwadamilola O. Kolade, MD, Howard University Hospital*
- 1:14 pm – 1:18 pm 257 - Virtual Reality Tibia IMN Motions are Similar to Saw Bones  
*Samuel Rosas, MD, MBA, Wake Forest School of Medicine*
- 1:18 pm – 1:22 pm 760 - Accuracy of Implant Placement for Robotic-Assisted THA Cases  
Performed with Direct Anterior Approach  
*Geoffrey H. Westrich, MD, Hospital for Special Surgery*
- 1:22 pm – 1:26 pm 484 - Low Rate of Dislocation and Revision following Direct Anterior  
Approach in Robotic-Assisted Primary THA  
*Nikhil Vasireddi, MHA, Case Western Reserve School of Medicine*
- 1:26 pm – 1:30 pm Discussion
- 1:30 pm – 1:34 pm 650 - Reduction of Implant Waste Associated with Robotic-Assisted Total  
Hip Arthroplasty  
*Tony S. Shen, MD, Hospital for Special Surgery*
- 1:34 pm – 1:38 pm 182 - Joint Line Change in Robotic-Assisted vs. Conventional Total Knee  
Arthroplasty  
*Nicholas F. Cozzarelli, BS, Rothman Orthopaedic Institute*
- 1:38 pm – 1:42 pm 684 - Noise Related Injury during Robotic Total Knee Arthroplasty  
Compared to Manual Total Knee Arthroplasty  
*Dianne N. Pagan, BS, University of Miami Miller School of Medicine*
- 1:42 pm – 1:46 pm 141 - Social Media: A Tool to Promote Diversity in Orthopaedic Surgery  
*Sophia Mavrommatis, BS, BA, University of Minnesota Medical School*
- 1:46 pm – 1:50 pm 109 - Impact of Internet-Based Patient Engagement Platforms on Total Hip  
Arthroplasty Outcomes  
*Ryan DeCook, Total Joint Specialists*
- 1:50 pm – 1:55 pm Discussion

**RAPID FIRE SESSION 4G – Total Joints** (*Edmunds Room*)

Moderators: TBD

- 1:10 pm – 1:14 pm      **EOEF/OREF Resident Travel Grant Award**  
24 - Should Surgeons Wear Ear Protection during Primary Total Joint Arthroplasty?  
*Stephanie Kwan, DO, Jefferson Health - New Jersey*
- 1:14 pm – 1:18 pm      **EOEF Resident Travel Grant Award**  
181 - Tranexamic Acid in High Risk Hip and Knee Arthroplasty Patients  
*Nicholas F. Cozzarelli, BS, Rothman Orthopaedic Institute*
- 1:18 pm – 1:22 pm      **EOEF Arjun Saxena, MD, MBA Travel Grant**  
340 - Synovial Antigen Testing is No Better than Culture for the Diagnosis of PJI  
*Saad Tarabichi, MD, Rothman Orthopaedic Institute*
- 1:22 pm – 1:26 pm      82 - Patients Requiring THA and LSF Have Lower Hip Functional Outcomes  
*Irfan A. Khan, MD, ATC, Louisiana State University Health Sciences Center*
- 1:26 pm – 1:30 pm      Discussion
- 1:30 pm – 1:34 pm      396 - Prior Authorization in Total Joint Arthroplasty (TJA) Request Process in an Urban-Based Hospital System  
*Zeynep Seref-Ferlenguez, PhD, Montefiore Medical Center*
- 1:34 pm – 1:38 pm      225 - Does Antibiotic Laden Bone Cement Reduce Acute Periprosthetic Joint Infection?  
*Blake O. Nourie, MD, Albany Medical Center*
- 1:38 pm – 1:42 pm      742 - Associations between Factor V Leiden Diagnosis and Revision THA Surgery  
*Zachary A. Gapinski, MD, Orlando Health*
- 1:42 pm – 1:46 pm      387 - Sex Disparities among Principal Investigators of Total Joint Arthroplasty Clinical Trials in the United States  
*Jason Silvestre, MD, Medical University of South Carolina*
- 1:46 pm – 1:50 pm      381 - Missed Early THA Postoperative Follow-Up Isn't Associated with Worse Outcomes  
*Joshua Rozell, MD, NYU Langone Health*  
*\*Presented by Casey Cardillo*
- 1:50 pm – 1:55 pm      Discussion

## **Symposium 12 - Challenging Problems in Joint Replacement**

**Moderator:** Adolph V. Lombardi Jr., MD, FACS, *JIS Orthopedics*

2:00 pm – 2:10 pm	Infected THR or TKR? The Role of DAIR <i>P. Maxwell Courtney, MD, Rothman Orthopaedic Institute</i>
2:10 pm – 2:20 pm	Infected THR or TKR: 1 vs. 2-Stage – How I Decide <i>Frank Voss, MD, Medical University of South Carolina</i>
2:20 pm – 2:30 pm	Hip Instability: Workup and Treatment <i>Peter Sculco, MD, Hospital for Special Surgery</i>
2:30 pm – 2:40 pm	Extensor Mechanism Complications <i>Jason L. Blevins, MD, Hospital for Special Surgery</i>
2:40 pm – 3:10 pm	Panel Discussion and Audience Q&A
<b>Moderator:</b>	Adolph V. Lombardi Jr., MD, FACS, <i>JIS Orthopedics</i>
<b>Panel:</b>	<i>P. Maxwell Courtney, MD, Rothman Orthopaedic Institute</i> <i>David J. Mayman, MD, Hospital for Special Surgery</i> <i>Peter Sculco, MD, Hospital for Special Surgery</i>
3:10 pm – 3:55 pm	<b><i>Visit Exhibits &amp; Ice Cream Social (Live Oak, Dogwood &amp; Cypress Ballrooms)</i></b>

**EOA Resident Review Course – Building a Successful Practice – Hosted by the Foundation for Physician Advancement (Ansonborough Room)**

**Moderator:** Marney Reid, *Executive Director, Foundation for Physician Advancement*

3:10 pm – 5:10 pm	<i>Emily Ast, Esq., Ast Physician Contracts</i> <i>Michael P. Bolognesi, MD, Duke Orthopaedics</i> <i>Susanne M. Roberts, MD, Columbia University</i> <i>Arjun Saxena, MD, MBA, Rothman Orthopaedic Institute</i> <i>Neil P. Sheth, MD, University of Pennsylvania</i> <i>Richard S. Yoon, MD, RWJ / Barnabas Health</i>
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