

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, King Charles, Drayton, Colleton, Beauregard & Ashley Cooper Rooms*)
(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** (*Pavilion Ballrooms A-C*)
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**
An Innovative Biointegrative Collagen Solution for Orthopaedic Applications
Nicholas A. Sgaglione, MD, *Northwell Health Orthopaedics*

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 **EOEF Resident /Fellow Award**
288 - Single-Stage vs. Two-Stage Revision: Comparable Results in Select PJI Patients
Ryan Sutton, MD, Rothman Orthopaedic Institute
- 10:03 am – 10:09 am **EOEF Resident /Fellow Award**
160 - Social Determinants for Successful Same Day Discharge Total Joint Arthroplasty
Rex Lutz, DO, Jefferson Health New Jersey
- 10:09 am – 10:15 am **EOEF Resident /Fellow Award**
619 - Early Weight Bearing after Acetabular Fixation: No Increased Displacement, Arthroplasty
John M. Kopriva, MD, Emory University
- 10:15 am – 10:25 am Discussion
- RAPID FIRE SESSION 1A – Sports Medicine (Jenkins Room)**
Moderators: Joshua A. Baumfeld, MD, *Tufts Medical Center*
Anil S. Ranawat, MD, *Hospital for Special Surgery*
Harris Slone, MD, *Medical University of South Carolina*
- 10:30 am – 10:34 am 442 - IPACK and ACB Leads to Less Pain and Opioid Consumption
Naina Rao, BS, NYU Langone Health
**Presented by Eric J. Strauss, MD*
- 10:34 am – 10:38 am **EOEF Mark J. Lemos, MD Travel Grant**
436 - Greater Posterior Tibial Slope among Bilateral ACLR Compared to Unilaterals
Sharif Garra, MD, NYU Langone Health
- 10:38 am – 10:42 am 412 - Platelet-Rich Plasma Treatment Protocols for Partial Ulnar Collateral Ligament Tears
George T. Asham, MD, Cooper Bone and Joint Institute
- 10:42 am – 10:46 am 460 - Clinical Outcomes between OCA and ACI for PFJ Cartilage Lesions
Jairo Triana, BS, NYU Grossman School of Medicine
**Presented by Sharif Garra, MD*
- 10:46 am – 10:50 am Discussion
- 10:50 am – 10:54 am **EOEF Joshua A. Baumfeld, MD Travel Grant**
443 - Athlete SARMs Abuse: A Systematic Review
Nikhil Vasireddi, MHA, Case Western Reserve School of Medicine
- 10:54 am – 10:58 am **NJOS Travel Grant Award**
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 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
William Michael Pullen, MD, Naval Medical Center Portsmouth
- 11:10 am – 11:15 am Discussion
- RAPID FIRE SESSION 1B – Total Knee (King Charles Room)**
Moderators: Wayne E. Moschetti, MD, *Dartmouth-Hitchcock Orthopaedics*
Geoffrey H. Westrich, MD, *Hospital for Special Surgery*
- 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
**Presented by Adam J. Rana, MD*
- 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: Arjun Saxena, MD, *Rothman Orthopaedic Institute*
Mark Seeley, MD, *Geisinger Health Systems*

- 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 vs. 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 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
- 11:00 am – 11:04 am 293 - Opioid-Free vs. Opioid-Containing Postoperative Analgesia for

Idiopathic Scoliosis

Michael Schallmo, MD, Atrium Health Carolinas Medical Center

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

Xinning Li, MD, *Sports Medicine and Shoulder Surgery Boston University School of Medicine*

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: Scott Boden, MD, *Emory University School of Medicine*
Andrew H. Milby, MD, *Emory University*
- 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, MD*
- 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
**Presented by Stephen R. Barchick, MD*

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| 11:02 am – 11:06 am | 710 - Racial and Age-Related Differences in Lumbar Facet Joint Orientation <i>Mitchell K. Ng, MD, Maimonides Medical Center</i> |
| 11:06 am – 11:10 am | 531 - Geriatric Nutritional Risk Index Predicts Short-Term Complications for ACDF <i>Ari Berg, MD, Rutgers New Jersey Medical School</i> <i>*Presented by Robert L. DalCortivo, BBA</i> |
| 11:10 am – 11:15 am | Discussion |
| RAPID FIRE SESSION 1F – Hand & Wrist (<i>Ashley Cooper Room</i>) | |
| Moderators: Henry A. Backe Jr., MD, <i>Orthopaedic Specialty Group</i> Susanne M. Roberts, MD, <i>Columbia University</i> | |
| 10:30 am – 10:34 am | 399 - Outcomes following Fully Threaded Intramedullary Nailing of Metacarpal Fractures <i>Terence L. Thomas, BS, Sidney Kimmel Medical College at Thomas Jefferson University</i> <i>*Presented by Rahul Muchintala</i> |
| 10:34 am – 10:38 am | EOEF Bruce A. Monaghan, MD Travel Grant 76 - Reducing Perilunate Misconceptions <i>Aidan Sweeney, MD, Emory University</i> |
| 10:38 am – 10:42 am | 61 - Metacarpal Repair Outcomes: Reoperation Rates and Characteristics <i>Benjamin Miltenberg, MD, Rothman Orthopaedic Institute</i> |
| 10:42 am – 10:46 am | 75 - Galeazzi Fracture DRUJ Stabilization <i>Nicole Zelenski, MD, Emory University</i> <i>*Presented by Anna Meyer, MD</i> |
| 10:46 am – 10:50 am | Discussion |
| 10:50 am – 10:54 am | 45 - Cadaveric Analysis of Neurovascular Structures in Endoscopic Carpal Tunnel Release <i>Benjamin R. Campbell, MD, Rothman Orthopaedic Institute at Thomas Jefferson University</i> |
| 10:54 am – 10:58 am | 394 - Benchmarking Qualifications for Leadership at Hand Surgery Societies in the United States <i>Jason Silvestre, MD, Howard University Hospital</i> |
| 10:58 am – 11:02 am | 52 - Trigger Finger Release: Are Sutures Requiring Removal Necessary? <i>Tiffany N. Bridges, DO, Jefferson Health New Jersey</i> |
| 11:02 am – 11:06 am | 320 - Hand and Wrist Dog-Leash Injuries in the Outpatient Setting <i>Kyle Plusch, BA, Rothman Orthopaedic Institute</i> |

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
Scott A. Sigman, MD, Associates of Lowell
Kevin D. Warner, PharmD, Covenant HealthCare

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

Moderators: John D. Kelly IV, MD, *University of Pennsylvania*
Sean McMillan, DO, *Virtua Medical Group*

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 Segond 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: Adam J. Rana, MD, *Maine Medical Partners*
Arjun Saxena, MD, *Rothman Orthopaedic Institute*
Scott A. Sigman, MD, *Orthopaedic Surgical Associates*

- 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 Kessel, BS*

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| 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 <i>Nainisha Chintalapudi, MD, Carolinas Medical Center/Atrium Health Musculoskeletal Institute</i> |
| 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? <i>Alex Gu, MD, George Washington University</i> |
| 1:36 pm – 1:40 pm | 269 - Brand Videos among Orthopaedic Surgery Residency Program <i>Quincy T. Cheesman, DO, Rowan University School of Osteopathic Medicine / Rothman Orthopaedic Institute</i> |
| 1:40 pm – 1:44 pm | 137 - COVID-Era Delays Time to Surgery for Emergent Orthopaedic Procedures <i>G. Jacob Wolf, MD, Medical University of South Carolina</i> <i>*Presented by Daniel J. Scott, MBA, MD</i> |
| 1:44 pm – 1:48 pm | 459 - Medical Malpractice Litigation following Humeral Fractures <i>Martinus Megalla, Hackensack Meridian School of Medicine</i> |
| 1:48 pm – 1:55 pm | Discussion |
| RAPID FIRE SESSION 2C – Foot & Ankle (Drayton Room) | |
| Moderators: Sameh A. Labib, MD, <i>Emory Orthopedics</i> Peter Mangone, MD, <i>Emergeortho Blue Ridge Division</i> | |
| 1:10 pm – 1:14 pm | 540 - Intra-Articular Ankle Fracture Promotes Chondrocyte Death and Osteoarthritic Gene Expression <i>Alexandra H. Aitchison, BS, Duke University</i> <i>*Presented by Justin Leal</i> |
| 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 <i>Monica DiFiori, MD, Temple University Hospital</i> |
| 1:18 pm – 1:22 pm | EOEF/OREF Resident Travel Grant Award 19 - Total Ankle Arthroplasty: Does Obesity Matter? <i>Billy Kim, MD, Duke University School of Medicine</i> |
| 1:22 pm – 1:26 pm | 580 - The Surgical Learning Curve for Minimally-Invasive Percutaneous Zadek Osteotomy <i>SarahRose Hall, BA, University of South Carolina School of Medicine</i> |

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| 1:26 pm – 1:30 pm | Discussion |
| 1:30 pm – 1:34 pm | 176 - Modified Frailty Index Associated with Complications Following Ankle Fracture ORIF <i>Christopher E. Gross, MD, Medical University of South Carolina</i> <i>*Presented by Ronit Kulkarni, BS</i> |
| 1:34 pm – 1:38 pm | 116 - Systematic Review of Total Ankle Arthroplasty with the INBONE II <i>Cody C. Ashy, BS, Medical University of South Carolina</i> |
| 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 <i>Joshua E. Ovadia, BSc, University of Miami Miller School of Medicine</i> |
| 1:42 pm – 1:46 pm | 592 - Heat Generation during Minimally-Invasive First Metatarsal Osteotomy: Cadaveric Study <i>SarahRose Hall, BA, University of South Carolina School of Medicine</i> |
| 1:46 pm – 1:50 pm | 496 – Outcome Analysis in Charcot Patients Who Underwent Multiple Surgical Procedures <i>Christian Benedict, BS, Penn State College of Medicine</i> |
| 1:50 pm – 1:55 pm | Discussion |

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

Moderators: Bryan Whitfield, MD, *Emory Orthopaedics*
Richard M. Wilk, MD, *Brigham and Women’s Hospital*

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| 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 <i>David R. Maldonado, MD, American Hip Institute</i> |
| 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 <i>Benjamin G. Domb, MD, American Hip Institute</i> <i>*Presented by David R. Maldonado, MD</i> |
| 1:18 pm – 1:22 pm | 86 - Injections Prior to Hip Arthroscopy Increase Risk for Repeat Surgery <i>Andrea H. Johnson, MSN, CRNP, Luminis Health Anne Arundel Medical Center</i> <i>*Presented by Parimal Rana, MD</i> |
| 1:22 pm – 1:26 pm | 318 - A Binary Grading System Improves Inter- and Intra-Rater Reliability among Hip Specialists <i>William Michael Pullen, MD, Medical University of South Carolina</i> |

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| 1:26 pm – 1:32 pm | Discussion |
| 1:32 pm – 1:36 pm | 285 - Using Synovial WBC and PMN% to Predict DAIR Outcomes <i>Claudette M. Lajam, MD, NYU Langone Health</i> |
| 1:36 pm – 1:40 pm | 585 - Characteristics of Very Young Patients Undergoing Total Hip Arthroplasty <i>Brandon S. Gettleman, BS, University of South Carolina School of Medicine</i> |
| 1:40 pm – 1:44 pm | 632 - Tranexamic Acid in Sickle Cell Patients Undergoing Arthroplasty: Is it Safe? <i>Patrick Pallitto, MD, University of North Carolina Chapel Hill</i> |
| 1:44 pm – 1:48 pm | 709 - Distraction Related Complications after Hip Arthroscopy: A Systematic Review of Distraction Techniques <i>Jomar Aryee, MD, Rutgers Robert Wood Johnson</i> |
| 1:48 pm – 1:55 pm | Discussion |
| RAPID FIRE SESSION 2E – Basic Science & Biologics (<i>Beauregard Room</i>) | |
| Moderators: Thomas R. Bowen, MD, <i>Geisinger Orthopaedics</i> Ajay Premkumar, MD, MPH, <i>Emory University</i> | |
| 1:10 pm – 1:14 pm | 452 – Role of Synovial Fluid Cytokines in Predicting Long-Term Knee Arthroscopy Outcomes <i>Naina Rao, BS, NYU Langone Health</i> <i>*Presented by Eric J. Strauss, MD</i> |
| 1:14 pm – 1:18 pm | 41 - Cartilage Tissue Exposure to Synovial Fluid Hematoma after Ankle Fracture <i>Albert Anastasio, MD, Duke University School of Medicine</i> |
| 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 <i>Marlon Murasko, MD, Albany Medical Center</i> |
| 1:22 pm – 1:26 pm | 547 - Characterization of 3D-Bioink with Polyvinyl Alcohol for Cartilage Tissue Engineering <i>Alexandra H. Aitchison, BS, Duke University</i> <i>*Presented by Alexis L. Clifford, BS</i> |
| 1:26 pm – 1:30 pm | Discussion |
| 1:30 pm – 1:34 pm | 368 - Nanowarming by Inductive Heating of Vitrified Large Articular Cartilage Specimens <i>Mary-Katherine Lynch, MD, Medical University of South Carolina</i> |
| 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: Cynthia L. Emory, MD, MBA, *Wake Forest University School of Medicine*

Christina Gutowski, MD, MPH, *Cooper University Healthcare*

- 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 – 1:32 pm Discussion
- 1:32 pm – 1:36 pm 54 - The Role of Ki67 Index in Grading Cartilage Tumors
Christina Gutowski, MD, MPH, Cooper University Healthcare Orthopaedic Oncology
- 1:36 pm – 1:40 pm 623 - Survivorship and Complications following Distal Femoral Replacement for Neoplastic Indications
Carly Deter, BS, Geisinger Commonwealth School of Medicine

1:40 pm – 1:44 pm 309 - Osteoporosis Does Not Increase Risk of Aseptic Loosening Following Lower Extremity Megaprosthesis Reconstruction
Alexandra Krez, BA, Duke University School of Medicine

1:44 pm – 1:48 pm 691 - Increased Postoperative Complications in Orthopaedic Metastatic Management Procedures for COVID-19 Positive Patients
Henry Hoang, BS, Montefiore Medical Center

1:48 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)

Amrit Khalsa, MD, University of Pennsylvania

2:20 pm – 2:45 pm Rebuttal / Discussion and Audience Q&A

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 F. 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 **Dessert Spotlight - Stryker Mako SmartRobotics™**
Interactive Learning and Hands on Demonstration

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 – 3:54 pm We Partnered with PE, Here’s How it’s Going
Jeffrey H. Richmond, MD, Orthopaedic Associates of Manhasset

3:54 pm – 4:03 pm The MSO to Help Provide the Power of Scale
Scott A. Sigman, MD, OSA Orthopaedics

4:03 pm – 4:12 pm From the Point of View of the PE Partner
Chris Fusco, CEO, Spire Orthopaedic Partners

4:12 pm – 4:21 pm The Value of Scale and Aggregation in Private Practice
David S. Jevsevar, MD, MBA, Ortho Virginia

4:21 pm – 4:30 pm How Third Parties May Help Make the Transition to VBC
Michael P. Bolognesi, MD, Duke Orthopaedics

4:30 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
David S. Jevsevar, MD, MBA, Ortho Virginia
Marney Reid, Executive Director, Foundation for Physician Advancement
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 – 4:03 pm **Debate #1: Lisfranc Injuries – Does Everyone Need a Fusion?**
Pro: (5 minutes)
Peter Mangone, MD, Emergeortho Blue Ridge Division

Con: (5 minutes)
Steven Haddad, MD, Illinois Bone & Joint Institute

4:03 pm – 4:05 pm Rebuttal/Discussion

4:05 pm – 4:15 pm **Debate #2: IT Fractures – IMN or SHS?**
IMN (5 minutes)
Richard S. Yoon, MD, RWJ / Barnabas Health

SHS (5 minutes)
David Wellman, MD, Westchester Medical Center

4:15 pm – 4:17 pm Rebuttal / Discussion

4:17 pm – 4:27 pm **Debate #3: Periprosthetic Distal Femur Fractures – Fix or Replace?**
Fix (5 minutes)
Lisa K. Cannada, MD, Novant Health

Replace (5 minutes)
Elizabeth B. Gausden, MD, MPH, Hospital for Special Surgery

4:27 pm – 4:29 pm Rebuttal / Discussion

4:29 pm – 4:39 pm **Debate #4: 3/4 Part Proximal Humerus Fracture - ORIF**
Pro: ORIF (5 minutes)
Frank Liporace, MD, Jersey City Medical Center

Pro: RTSA (5 minutes)
Joseph A. Abboud, MD, Rothman Orthopaedic Institute

4:39 pm – 4:41 pm Rebuttal / Discussion

4:41 pm – 4:47 pm **Commentary #2: Newer Thoughts on Clavicle Fractures**
David Wellman, MD, Westchester Medical Center

4:47 pm – 4:53 pm **Commentary #3: The Nail-Plate Combination**
Frank Liporace, MD, Jersey City Medical Center

4:53 pm – 5:00 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

- 5:00 pm – 6:00 pm **Scientific E-Poster Session** (*Jenkins, King Charles, Drayton, Colleton, Beauregard & Ashley Cooper Rooms*)
(Presenters will be available to answer questions)
- 5:00 pm – 6:00 pm **EVENING SPOTLIGHT SESSION with Open Bar – Zimmer Biomet**
(*Jenkins Room*)
Using Biologic Augmentation to Support Healing
Panel: *Joseph A. Abboud, MD, Rothman Orthopaedic Institute*
 Kevin F. Bonner, MD, Jordan-Young Institute
 Gregory S. DiFelice, MD, Hospital for Special Surgery
 Nicholas A. Sgaglione, MD, Northwell Health Orthopaedics

Friday, October 27

- 5:30 am – 6:30 am **Scientific E-Poster Session** (*Jenkins, King Charles, Drayton, Colleton, Beauregard & Ashley Cooper Rooms*)
(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 **EOEF John D. & Marie S. Kelly Shoulder Award**
780 - What Threshold of Range of Motion is Associated with Minimal Gain in Patient-Reported Outcome Scores after Total Shoulder Arthroplasty?
Jaquelyn Kakalecik, MD, University of Florida
- 7:03 am – 7:09 am **Cynthia Lichtefeld Resident/Fellow Travel Grant Award**
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

Alexis A. Kasper, BS, Rothman Orthopaedic Institute

7:09 am – 7:15 am **EOEF Young Investigator Award**
310 - Methylprednisolone Taper Reduces Acute Pain and Opioid
Consumption after TSA
Zaamin Hussain, MD, EdM, Emory University

7:15 am – 7:25 am Discussion

7:25 am – 7:55 am ***Focused Breakfast Presentation – Cervos Medical**
Bone Marrow Aspirate: Basic Science and it's Clinical Use
Anil S. Ranawat, MD, Hospital for Special Surgery

Symposium 5: What's New: Quick Updates in the Subspecialty Worlds of Orthopaedics Part 1

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

7:55 am – 8:05 am Biologics
Brian T. Samuelsen, MD, MBA, Lahey Health

8:05 am – 8:15 am Hand & Wrist
David S. Zelouf, MD, Philadelphia Hand to Shoulder Center

8:15 am – 8:25 am Trauma
Lisa K. Cannada, MD, Novant Health

8:25 am – 8:35 am Sports Knee
Nicholas A. Sgaglione, MD, Northwell Health Orthopaedics

8:35 am – 8:45 am Spine
Marc J. Levine, MD, RWJ / Barnabas Rutgers Health Care System

8:45 am – 8:55 am Shoulder & Elbow
Richard J. Friedman, MD, Medical University of South Carolina

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 A. 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 – 10:23 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 – 10:23 am Q&A

10:23 am – 10:30 am **OREF Recipient Update**
Thomas P. Sculco, MD, Hospital for Special Surgery

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: Nicholas A. 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.**
Matthew Varacallo, MD, Penn Highlands Healthcare
Christopher Varacallo, MD, Penn Highlands Healthcare
Sean McMillan, DO, Virtua Health Systems

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

Saturday, October 28

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

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

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*

7:05 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, VP, Chief Wellness 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 A. Osei, MD MSc, *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 A. Osei, MD MSc, *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
Johannes F. Plate, MD, PhD, 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
Johannes F. Plate, MD, PhD, 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**
A New Paradigm of a Learning Health System
Cynthia L. Emory, MD, MBA, Wake Forest University School of Medicine

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

Moderators: Sameh A. Labib, MD, *Emory Orthopedics*
Martin O'Malley, MD, *Hospital for Special Surgery*

- 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*

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| 8:48 am – 8:52 am | 778 - Assessing Risk Factors of VTE for Elective Foot and Ankle Surgeries <i>Kevin Y. Heo, BS, Emory University School of Medicine</i> |
| 8:52 am – 8:56 am | 692 - COVID-19 Positivity and Ankle Surgery: Examining the Risk of Postoperative Complications <i>Henry Hoang, BS, Montefiore Medical Center</i> <i>*Presented by Aaron Hui, BS</i> |
| 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 <i>Joshua E. Ovadia, BSc, University of Miami Miller School of Medicine</i> |
| 9:04 am – 9:08 am | 527 - Cut or Cast? Evaluating Demographics and Mortality in Charcot Management <i>Michaela Pitcher, BS, Penn State College of Medicine</i> |
| 9:08 am – 9:12 am | 427 - Retrospective Review of 200 Consecutive, Single Surgeon, Fibula Nails with Proximal and Distal Fixation <i>Christopher Hodgkins, MD, Baptist Health South Florida</i> <i>*Presented by Solangel Rodriguez Materon, MD</i> |
| 9:12 am – 9:16 am | 283 - Nitinol Staples vs. Plates for Primary Arthrodesis of Lisfranc Injuries <i>Alexander Dombrowsky, MD, Carolinas Medical Center</i> |
| 9:16 am – 9:20 am | 93 - Improved Survival Rates with Fixed Bearing Total Ankle Arthroplasty <i>Elizabeth Nadeau, MD, Medical University of South Carolina</i> |
| 9:20 am – 9:25 am | Discussion |
| RAPID FIRE SESSION 3B – Spine (King Charles Room) | |
| Moderators: Marc J. Levine, MD, <i>RWJ / Barnabas Rutgers Health Care System</i> Sheeraz Qureshi, MD, MBA, <i>Hospital for Special Surgery</i> | |
| 8:40 am – 8:44 am | 214 - MI-TLIF vs. ALIF with Pedicle Screw Fixation in Single-Level Fusion <i>Neil Patel, MD, St. Joseph's University Medical Center</i> <i>*Presented by George Abdelmalek, BA</i> |
| 8:44 am – 8:48 am | 618 - Comparison of Value for Primary and Revision Adult Spinal Deformity Surgery <i>Alex Ngan, MD, Northwell Health</i> <i>*Presented by Junho Song, BS</i> |
| 8:48 am – 8:52 am | 134 - Sarcopenia Negatively Impacts PROMs after Microdiscectomy <i>Jeremy C. Heard, BS, MAT, Rothman Institute</i> <i>*Presented by Teeto Ezeonu, BA</i> |

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| 8:52 am – 8:56 am | NJOS Travel Grant Award 799 – Noise Induced Hearing Loss in Spine Surgeons <i>Matthew Meade, DO, Rowan SOM/Jefferson NJ</i> |
| 8:56 am – 9:00 am | Discussion |
| 9:00 am – 9:04 am | 504 - Impact of Anemia Severity on Adverse Outcomes after Spine Fusion <i>Tariq Issa, BA, Rothman Orthopaedic Institute</i> |
| 9:04 am – 9:08 am | 499 - The Clinical Utility of Pfirrmann Scores in Lumbar Fusion Patients <i>Delano Trenchfield, BS, Rothman Orthopaedic Institute</i> <i>*Presented by Tariq Issa, BA</i> |
| 9:08 am – 9:12 am | 366 - How Does Illicit Drug Use Impact Native Spine Infection Outcomes? <i>Parker L. Brush, MD, Rothman Orthopaedic Institute</i> <i>*Presented by Johnlevi S. Lazaro, DO</i> |
| 9:12 am – 9:16 am | 754 - Are Routine Postoperative Laboratory Tests Necessary after Primary 1 or 2 Level Lateral Interbody Fusions? <i>Virgenal Owens, MD, Atrium Health Musculoskeletal Institute</i> |
| 9:16 am – 9:20 am | 240 - Depression Screenings Improve Lumbar Fusion Outcomes and Reduces Costs <i>Mitchell K. Ng, MD, Maimonides Medical Center</i> |
| 9:20 am – 9:25 am | Discussion |
| RAPID FIRE SESSION 3C – AI & Machine Learning (Drayton Room) | |
| Moderators: Ajay Premkumar, MD, MPH, <i>Emory University</i> Tony Shen, MD, <i>Hospital for Special Surgery</i> | |
| 8:40 am – 8:44 am | 476 - Evaluating ChatGPT Performance on the Orthopaedic In-Training Exam <i>Justin E. Kung, MD, Prisma Health/University of South Carolina School of Medicine</i> <i>*Presented by Chase Gauthier, MD</i> |
| 8:44 am – 8:48 am | 149 - Accuracy of Information Provided by ChatGPT for Musculoskeletal Conditions <i>Chandler Sparks, MS, Hackensack Meridian School of Medicine</i> |
| 8:48 am – 8:52 am | 659 - Can Machine Learning Create Patient-Reported Outcomes Measures for Pediatric Scoliosis? <i>Isabel Herzog, BA, Rutgers New Jersey Medical School</i> |
| 8:52 am – 8:56 am | 203 - Predicting 90-Day Return to the Emergency Department in Orthopaedic Trauma Patients: A Machine Learning Approach <i>Bruno N. Valan, BS, MENG, Duke University School of Medicine</i> |

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| 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? <i>Karan Goswami, MD, Rothman Institute at Thomas Jefferson University</i> |
| 9:06 am – 9:10 am | 516 - Assessing the Potential Role of ChatGPT in Spine Surgery Research <i>Dhruv Mendiratta, BS, Rutgers New Jersey Medical School</i> |
| 9:10 am – 9:14 am | 300 - Artificial Intelligence Analysis of Scapula Dynamics Using Dynamic Digital Radiography <i>Zaamin Hussain, MD, EdM, Emory University</i> |
| 9:14 am – 9:18 am | 769 - Developing a Natural Language Processing Algorithm to Detect Spinal Metastasis on MRI Reports <i>Evan Mostafa, MD, Montefiore Medical Center</i> <i>*Presented by Aaron Hui, BS</i> |
| 9:18 am – 9:25 am | Discussion |

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

Moderators: Brian Curtin, MD, *OrthoCarolina*
Arjun Saxena, MD, *Rothman Orthopaedic Institute*

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| 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 <i>Alfred M. Luciani, MD, Geisinger Medical Center</i> |
| 8:44 am – 8:48 am | 30 - Diversity within Foot and Ankle Surgery: A Systematic Review <i>Justin Leal, Duke University School of Medicine</i> |
| 8:48 am – 8:52 am | 809 - Socio-Demographic Characteristics of Pediatric Orthopaedic Division Chiefs in the US <i>Joshua Proal, BS, Tufts University School of Medicine</i> |
| 8:52 am – 8:56 am | 782 - Demographic and Institutional Differences in Analgesic Management of Pediatric Tibial Shaft Fractures in the Emergency Department <i>Amanda Azer, BA, Rutgers New Jersey Medical School</i> |
| 8:56 am – 9:00 am | Discussion |
| 9:00 am – 9:04 am | 481 - Identifying Applicant Characteristics Influencing the Orthopaedic Surgery Match <i>Daniel J. OConnell, BS, University of North Carolina School of Medicine</i> |
| 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
**Presented by Bruno N. Valan, BS, MENG*
- 9:20 am – 9:25 am Discussion
- RAPID FIRE SESSION 3E – Total Hip (Beauregard Room)**
Moderators: Amar S. Ranawat, MD, *Hospital for Special Surgery*
Michael P. Bolognesi, MD, *Duke Orthopaedics*
- 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
Byron Udegbe, BA, Lewis Katz School of Medicine at Temple University
- 9:04 am – 9:08 am **EOEF Adam J. Rana, MD Travel Grant**
372 - How Do Variations in Staged Periprosthetic Joint Infection Treatment Protocols for Total Hip Arthroplasty Impact Mental Health Outcomes?
Avilash Das, MD, George Washington University School of Medicine

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| 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 |
| RAPID FIRE SESSION 3F – Health Economics (<i>Ashley Cooper Room</i>) | |
| Moderators: Adam J. Rana, MD, <i>Maine Medical Partners</i> Brian T. Samuelsen, MD, MBA, <i>Lahey Health</i> Neil P. Sheth, MD, <i>Hospital of the University of Pennsylvania</i> | |
| 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 & 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 | 758 - Use of In-Office Shoulder Ultrasound Increases Efficiency of Care in Surgical Treatment of Full Thickness Rotator Cuff Tears <i>Dylan N. Greif, MD, University of Rochester Medical Center</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 <i>Quincy T. Cheesman, DO, Rowan University School of Osteopathic Medicine / Rothman Orthopaedic Institute</i> |
| 9:04 am – 9:08 am | 384 - Frailty Correlated with Increased Adverse Events and Costs after Revision THA <i>Akshay Lakra, MD, Albany Medical Centre</i> |
| 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 191 - Trends in Costs and Professional Reimbursements for Revision Total Hip and Knee Arthroplasty
Kevin Y. Heo, BS, Emory University School of Medicine

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

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 – Pacira Biosciences, Inc.**
Jason Rand, PA
- 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: Javad Parvizi, MD, FRCS, *Rothman Orthopaedic Institute*
Ajay Premkumar, MD, MPH, *Emory University*

- 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

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| 1:46 pm – 1:50 pm | 108 - THA and LSF For Hip-Spine Pathology: Impact of Surgical Sequence <i>Irfan A. Khan, MD, ATC, Louisiana State University Health Sciences Center</i> |
| 1:50 pm – 1:55 pm | Discussion |
| RAPID FIRE SESSION 4B – Outpatient Surgery (King Charles Room) | |
| Moderators: Arjun Saxena, MD, MBA, <i>Rothman Orthopaedic Institute</i> | |
| 1:10 pm – 1:14 pm | 102 - Cost Efficiency of TSA in an ASC vs. Hospital Setting <i>Daniel J. Scott, MBA, MD, Medical University of South Carolina</i> <i>*Presented by Alex Guareschi, BS</i> |
| 1:14 pm – 1:18 pm | 111 - Comparing Traditional Outpatient Physical Therapy to Virtual Physical Therapy after Same-Day Discharge Total Knee Arthroplasty <i>Ryan DeCook, Total Joint Specialists</i> |
| 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 <i>Oluwadamilola O. Kolade, MD, Howard University Hospital</i> |
| 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 <i>Cameron R. Egan, MD, Massachusetts General Hospital</i> |
| 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 <i>Matthew Gong, MD, University of Pittsburgh Medical Center</i> |
| 1:34 pm – 1:38 pm | 578 - Differences in Infections and Costs between Total Hip Arthroplasty in Outpatient vs Inpatient Facilities <i>Ariel N. Rodriguez, MD, Maimonides Medical Center</i> |
| 1:38 pm – 1:42 pm | 750 - Opioid Prescribing after Outpatient Compared to Inpatient Total Knee Arthroplasty <i>Patawut Bovonratwet, MD, Hospital for Special Surgery</i> |
| 1:42 pm – 1:46 pm | 398 - Safely Decreasing the TKA Length of Stay following the COVID-19 Pandemic <i>Bailey E. Shevenell, BA, Maine Medical Partners Orthopedics Joint Replacement</i> <i>*Presented by Adam J. Rana, MD</i> |
| 1:46 pm – 1:50 pm | 290 - Key Drivers of 30-Day Return to Emergency Department Presentation After Total Joint Arthroplasty: An Institutional Experience <i>Christian Pean, MD, Duke University School of Medicine</i> |

**Presented by Christian Zirbes, BS*

1:50 pm – 1:55 pm Discussion

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

Moderators: Michael L. Kessler, MD, *Medstar Medical Group*
Susanne M. Roberts, MD, *Columbia University*

- 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 779 - A Comparison of 2.7mm and 3.5mm Plates for Ulna Fractures
Ariana Shaari, BA, Rutgers New Jersey Medical School
**Presented by Robert L. DalCortivo, BBA*
- 1:30 pm – 1:32 pm Discussion
- 1:32 pm – 1:36 pm 667 - Risk Factors for Aseptic Loosening following Primary Total Elbow Arthroplasty
Harriet Prior, BS, Downstate Orthopaedics
**Presented by Jake Schwartz*
- 1:36 pm – 1:40 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
- 1:40 pm – 1:44 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

1:44 pm – 1:48 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

1:48 pm – 1:52 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*

1:52 pm – 1:55 pm Discussion

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

Moderators: Mark Seeley, MD, *Geisinger Health Systems*
Richard M. Wilk, MD, *Brigham and Women's Hospital*

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 – 1:32 pm Discussion

1:32 pm – 1:36 pm 636 - Effects of Static Exercise on Hip Muscle Fatigue Assessed by Surface Electromyography
Olivia L. Dyer, Bucknell University
**Presented by Mark Seeley, MD*

1:36 pm – 1:40 pm 679 - Untreated Ruptures of the ACL: A 54-Year Follow-Up Study
Laura S. Dameron, Raleigh Orthopaedic Clinic

1:40 pm – 1:44 pm 434 - Is Obesity a Risk Factor for Increased Severity of Rotator Cuff Tear?
MaKenzie Chambers, BS, Cooper Medical School of Rowan University

1:44 pm – 1:55 pm Discussion

RAPID FIRE SESSION 4E –Trauma (Beauregard Room)

Moderators: Frank Liporace, MD, *Jersey City Medical Center*
Richard Yoon, MD, *Jersey City Medical Center*

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: Fred D. Cushner, MD, *Hospital for Special Surgery*

- 1:10 pm – 1:14 pm **EOEF Resident Travel Grant Award**

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| | 622 - The Misinformation of Orthopaedic Conditions on Social Media: Analysis of TikTok and Instagram <i>Oluwadamilola O. Kolade, MD, Howard University Hospital</i> |
| 1:14 pm – 1:18 pm | 257 - Virtual Reality Tibia IMN Motions are Similar to Saw Bones <i>Samuel Rosas, MD, MBA, Wake Forest School of Medicine</i> |
| 1:18 pm – 1:22 pm | 760 - Accuracy of Implant Placement for Robotic-Assisted THA Cases Performed with Direct Anterior Approach <i>Geoffrey H. Westrich, MD, Hospital for Special Surgery</i> |
| 1:22 pm – 1:26 pm | 484 - Low Rate of Dislocation and Revision following Direct Anterior Approach in Robotic-Assisted Primary THA <i>Nikhil Vasireddi, MHA, Case Western Reserve School of Medicine</i> |
| 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 <i>Tony S. Shen, MD, Hospital for Special Surgery</i> |
| 1:34 pm – 1:38 pm | 182 - Joint Line Change in Robotic-Assisted vs. Conventional Total Knee Arthroplasty <i>Nicholas F. Cozzarelli, BS, Rothman Orthopaedic Institute</i> |
| 1:38 pm – 1:42 pm | 684 - Noise Related Injury during Robotic Total Knee Arthroplasty Compared to Manual Total Knee Arthroplasty <i>Dianne N. Pagan, BS, University of Miami Miller School of Medicine</i> |
| 1:42 pm – 1:46 pm | 141 - Social Media: A Tool to Promote Diversity in Orthopaedic Surgery <i>Sophia Mavrommatis, BS, BA, University of Minnesota Medical School</i> |
| 1:46 pm – 1:50 pm | 109 - Impact of Internet-Based Patient Engagement Platforms on Total Hip Arthroplasty Outcomes <i>Ryan DeCook, Total Joint Specialists</i> |
| 1:50 pm – 1:55 pm | Discussion |
| RAPID FIRE SESSION 4G – Total Joints (Edmunds Room) | |
| Moderators: Adolph V. Lombardi Jr., MD, FACS, <i>JIS Orthopedics</i> Johannes F. Plate, MD, PhD, <i>University of Pittsburgh</i> | |
| 1:10 pm – 1:14 pm | EOEF/OREF Resident Travel Grant Award 24 - Should Surgeons Wear Ear Protection during Primary Total Joint Arthroplasty? <i>Stephanie Kwan, DO, Jefferson Health - New Jersey</i> |
| 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
Lisa Follet, DO, 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
P. Maxwell Courtney, MD, Rothman Orthopaedic Institute
- 2:10 pm – 2:20 pm Infected THR or TKR: 1 vs. 2-Stage – How I Decide
Frank Voss, MD, Medical University of South Carolina
- 2:20 pm – 2:30 pm Extensor Mechanism Complications
Jason L. Blevins, MD, Hospital for Special Surgery

2:30 pm – 3:10 pm Panel Discussion and Audience Q&A

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

Panel: *Jason L. Blevins, MD, Hospital for Special Surgery*
P. Maxwell Courtney, MD, Rothman Orthopaedic Institute
David J. Mayman, MD, Hospital for Special Surgery

3:10 pm – 3:55 pm ***BREAK – Visit Exhibits (Live Oak, Dogwood & Cypress Ballrooms)***

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 *Emily Ast, Esq., Ast Physician Contracts*
Michael P. Bolognesi, MD, Duke Orthopaedics
Susanne M. Roberts, MD, Columbia University
Arjun Saxena, MD, MBA, Rothman Orthopaedic Institute
Neil P. Sheth, MD, University of Pennsylvania
Richard S. Yoon, MD, RWJ / Barnabas Health