

**EOA Tentative Scientific Program
October 21-23, 2021
Omni Nashville Hotel
Nashville, TN**

(Presenters and times are subject to change)

Thursday, October 21

- 6:00 am – 6:45 am **Scientific E-Poster Session** (Presenters will be available to answer questions)
- 6:45 am – 7:00 am **First Business Meeting**
- 7:00 am – 7:05 am **Welcome, Introduction of Program and Announcements**
Marc J. Levine, MD, President
Joshua A. Baumfeld, MD, Program Chair

Symposium 1 – Regulatory Insights for TJA Practice

Moderator: Richard Iorio, MD, *Brigham and Women's Hospital*

- 7:05 am – 7:15 am **Outpatient TJA**
Kevin D. Plancher, MD, MPH, MS, Albert Einstein College of Medicine
- 7:15 am – 7:25 am Trends in LOS, Readmissions, and Quality with the IPO Rule
Derek Haas, Avant Guard Health
- 7:25 am – 7:35 am Improving Arthroplasty Efficiency and Quality through Concentrating Service Volume by Complexity
Richard Iorio, MD, Brigham and Women's Hospital
- 7:35 am – 7:45 am CMS, RUC and Reconciliation: Where Did the Money Go?
Joseph A. Bosco III, MD, NYU Langone Health
- 7: 45 am – 7: 55 am Discussion
- 8:05 am – 8:35 am **Focused Breakfast Presentation**
*CME Credit Not Available

Rapid Fire Session 1A – Basic Science

Moderators: TBD

- 8:40 am – 8:44 am 787 - Contact with Blood Does not Affect Bactericidal Properties of Povidone-Iodine

Ilan Small, Rothman Orthopaedic Institute

- 8:44 am – 8:48 am 329 - An Evaluation of the Bacterial Adherence to Casting Materials
Joseph E. Massaglia, DO, Rowan School of Osteopathic Medicine
- 8:48 am – 8:52 am 509 - Cell Lineage Tracing in a Spine Fusion Model
Michael A. Benvenuti, MD, Vanderbilt University Medical Center
- 8:52 am – 8:55 am Discussion
- 8:55 am – 8:59 am 595 - Efficacy of Surgical Irrigation Solutions Against Biofilm: In vitro Investigation
Jeongeun Cho, Rothman Orthopaedic Institute
- 8:59 am – 9:03 am 241 - Bioengineered Collagen-Based Implant with Organized Microfibers Improve Tendon-like Tissue Biointegration
Sheldon S. Lin, MD, New Jersey Medical School
- 9:03 am – 9:07 am 492 - Local Zinc Treatment Enhances Impaired Bone Healing in Femur Fracture Model in Diabetic Rats
Michael Levidy, New Jersey Medical School
- 9:07 am – 9:10 am Discussion

Rapid Fire Session 1B – Foot & Ankle

Moderators: TBD

- 8:40 am – 8:44 am 230 - Increased Complication Rate associated with Podiatric Surgery
Daniel J. Scott, MBA, MD, Medical University of South Carolina
- 8:44 am – 8:48 am 625 - No Evidence of Bone-Healing Impairment or NSAID-Related Toxicity With HTX-011
Peter K. Sculco, MD, Hospital for Special Surgery
- 8:48 am – 8:52 am 44 - Tranexamic Acid Associated with Less Wound Complications in Hindfoot Surgery
Andrew Moore, BS, Medical University of South Carolina
- 8:52 am – 8:55 am Discussion
- 8:55 am – 8:59 am **EOEF Resident Travel Grant Award**
290 - Effect of Limb Rotation on Hindfoot Moment Arm and Hindfoot Alignment Angle
Ryan G. Rogero, MD, Rothman Orthopaedic Institute

- 8:59 am – 9:03 am 843 - Synthetic Cartilage Implant Hemiarthroplasty for the Treatment of Hallux Rigidus
Tyler Hoskins, BA, Morristown Medical Center
- 9:03 am – 9:07 am 877 - Defining Reference Values for the Anatomical Axis of Syndesmosis and Landmark for the Clamp Placement to Minimize Malreduction
Rohan Bhimani, MD, MBA, Massachusetts General Hospital
- 9:07 am – 9:10 am Discussion

Rapid Fire Session 1C – Hand & Wrist
Moderators: TBD

- 8:40 am – 8:44 am 515 - Does Surgery Improve Healing After Isolated Diaphyseal Ulna Fractures?
Tyler W. Henry, BS, Sidney Kimmel Medical College
- 8:44 am – 8:48 am 458 - The Efficacy of Steroid Injections in the Thumb Carpometacarpal Joint
Amr M. Tawfik, BA, Rothman Orthopaedic Institute
- 8:48 am – 8:52 am **EOEF Bruce A. Monaghan, MD Donor Grant**
835 - Unplanned Office Visits Following Outpatient Hand Surgery
Clay Townsend, BS, Rothman Institute
- 8:52 am – 8:55 am Discussion
- 8:55 am – 8:59 am **EOEF Kevin D. Plancher, MD, MPH Donor Grant**
169 - The Financial Implications of Telehealth Visits Within a Hand and Wrist Surgery Clinical Practice During the COVID-19 Pandemic
Madeline Tadley, MD, Thomas Jefferson University Hospital
- 8:59 am – 9:03 am 494 - Prolonged Opioid Use After Surgery for Distal Radius Fracture
Michael B. Gottschalk, MD, Emory University School of Medicine
- 9:03 am – 9:07 am **EOEF Henry A. Backe Jr., MD Donor Grant**
946 - Nail Bed Injury Repair: Nail Plate Replacement versus Non-replacement
Justin M. Rock, MD, Rutgers New Jersey Medical School
- 9:07 am – 9:10 am Discussion

Rapid Fire Session 1D – Pediatrics

Moderators: TBD

- 8:40 am – 8:44 am 878 - Cost-Utility Analysis of Bracing vs. Observation for Adolescent Idiopathic Scoliosis
Ijezie A. Ikwuezunma, BS, BA, Johns Hopkins University
- 8:44 am – 8:48 am 132 - The Health & Economic Disparities of Congenital Musculoskeletal Disease Worldwide: An Analysis of 25 Years (1992-2017)
Kush S. Mody, BS, Drexel University College of Medicine
- 8:48 am – 8:52 am 149 - TLICS Predicts Concomitant Intraabdominal Injury in Children Injured in MVAs
Katherine D. Sborov, Vanderbilt University School of Medicine
- 8:52 am – 8:55 am Discussion
- 8:55 am – 8:59 am **EOEF Resident Travel Grant Award**
199 - Sports-Related Concussions in High School Females: An Epidemiologic Analysis of Twenty-Year National Trends Pediatrics
Kevin Pirruccio, BA, School of Medicine at the University of Pennsylvania
- 8:59 am – 9:03 am 572 - Diagnostic Yield of Cultures in Pediatric Musculoskeletal Infections
Edward S. Mojica, BS, New York University Langone
- 9:03 am – 9:07 am 119 - External Oblique Transfer to Supplement Osteotomy in Paralytic Hip Instability
Matthew J. Poorman, MD, UMass Memorial Medical Center
- 9:07 am – 9:10 am Discussion

Rapid Fire Session 1E – Tumor

Moderators: TBD

- 8:40 am – 8:44 am 689 - Subchondral Bone Grafting in Giant Cell Tumor of the Extremity Reduces Nononcological Complications
Luis Guinand, MBS, Rutgers, New Jersey Medical School
- 8:44 am – 8:48 am 584 - Can low-grade chondrosarcoma in flat bone be treated with intralesional curettage and cryotherapy?
Kwangwon Park, MD, PhD, Washington Cancer Institute,

Washington Hospital Center

- 8:48 am – 8:52 am 18 - Percutaneous Ablation-Osteoplasty-Reinforcement-Internal Fixation (AORIF) for Peri-Acetabular Metastases
Courtney Toombs, MD, Yale New Haven Hospital
- 8:52 am – 8:55 am Discussion
- 8:55 am – 8:59 am **EOEF Cynthia L. Emory, MD, MBA Donor Grant**
75 - Epidemiology, Incidence, Survival of Spinal Cord Ependymoma: SEER Database Study
George Gorgy, MD, Monmouth Medical Center
- 8:59 am – 9:03 am 17 - A Nationwide Analysis of Pediatric Soft Tissue Sarcomas of Bone
Kristin Yu, BA, Yale New Haven Hospital
- 9:03 am – 9:07 am 687 - 40 years of treating osteosarcoma: has treatment and survival improved?
Daniel R. Evans, MSc, Duke University School of Medicine
- 9:07 am – 9:10 am Discussion
- 9:10 am – 9:30 am **BREAK – Please visit Exhibits**

General Session 1 – OREF Report and EOEF Presidential Guest Speaker

Moderator: Marc J. Levine, MD, *Orthopedic and Spine Institute at RWJ/Barnabas Healthcare System*

- 9:30 am – 9:35 am OREF Report
- 9:35 am – 9:40 am Introduction of EOEF Presidential Guest Speaker
Marc J. Levine, MD, Orthopedic and Spine Institute at RWJ/Barnabas Healthcare System
- 9:40 am – 10:20 am EOEF Presidential Guest Speaker
Title TBD
Scott D. Boden, MD, Emory Spine Center
- 10:20 am – 10:40 am **BREAK – Please visit Exhibits**

SYMPOSIUM 2 – Complex Primary TKA

Moderator: Geoffrey H. Westrich, MD, *Hospital for Special Surgery*
Rafael J. Sierra, MD, *Mayo Clinic*

- 10:40 am – 10:48 am TKA with History of Osteotomy or Fracture

Wayne E. Moschetti, MD, Dartmouth-Hitchcock Orthopaedics

10:48 am – 10:56 am

Severe Varus Deformity
Rafael J. Sierra, MD, Mayo Clinic

10:56 am – 11:04 am

Severe Valgus Deformity
Neil Sheth, MD, University of Pennsylvania

11:04 am – 11:12 am

Extra-Articular Deformities
S. Robert Rozbruch, MD, Hospital for Special Surgery

11:12 am – 11:20 am

Case Presentation and Discussion
Geoffrey H. Westrich, MD, Hospital for Special Surgery

11:20 am – 11:30 am

Discussion

11:35 am – 12:05 pm

Focused Lunch Presentation
***CME Credit Not Available**

Concurrent Symposium 1A – Hand and Wrist

Moderator: N. George Kasparyan, MD, PhD, *Lahey Health*

12:10 pm - 12:18 pm

Bridge Plating for Complex Distal Radius Fractures
Marc J. Richard, MD, Duke University

12:18 pm – 12:26 pm

ORIF of the Complex Intra-Articular Distal Radius Fracture: Key Pearls
Eric T. Tolo MD, Lahey Health

12:26 pm – 12:34 pm

Acute Scapholunate Ligament Tear: What is the State-of-the-Art Today?
Julie Adams, MD, Erlanger Orthopaedics

12:34 pm – 12:42 pm

Darrach and Sauve-Kapandji: Are There Still Indications Today
George S. Dyer MD, Brigham and Women's Hospital

12:42 pm – 12:50 pm

Opioids and Upper Extremity Surgery: What is the Best Practice?
Alice A. Hunter, MD, Lahey Health

12:50 pm – 12:58 pm

Basal Joint Arthritis 2020: LRTI – 35 Years Later
Michael W. Kessler, MD, Georgetown University Hospital

12:58 pm – 1:06 pm

Cubital Tunnel Surgery 2020: Do We Really Know the Preferred Technique?
Phillip Blazer, MD, Brigham and Women's Hospital

1:06 pm – 1:10 pm Discussion

Concurrent Symposium 1B – Tumor

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

12:10 pm – 12:20 pm How to Stay Out of Trouble
Cynthia L. Emory, MD, MBA, Wake Forest University School of Medicine

12:20 pm – 12:30 pm Pediatric Tumors: What’s Likely to Come into Your Practice and Initial Management
Megan E. Anderson, MD, Boston Children’s Hospital

12:30 pm – 12:40 pm Tumor Mimics
Sheila Conway, MD, University of Miami School of Medicine

12:40 pm – 12:50 pm Top Three Orthopaedic Oncology Advances in the Next 20 Years
Adam S. Levin, MD, Johns Hopkins University

12:50 pm – 1:00 pm What’s New in Leg Length Deformity Correction?
S. Robert Rozbruch, MD, Hospital for Special Surgery

1:00 pm – 1:10 pm Discussion

General Session 2 – SCA - Appropriate Site of Service: Understanding how to Optimize Orthopaedic Care

Moderator: Neil P. Sheth, MD, *University of Pennsylvania*

1:10 pm – 1:20 pm The Hospital, the ASC, the Office: How to Know When Each is Best
Michael P. Ast, MD, Hospital for Special Surgery

1:20 pm – 1:30 pm The Orthopaedic Specialty Hospital: Why It Makes Sense and How to Work with Your Health System
Scott D. Boden, MD, Emory Spine Center

1:30 pm – 1:40 pm The View of the Orthopaedic Service Line: Optimizing Site of Service Across your Department
Cynthia L. Emory, MD, MBA, Wake Forest University School of Medicine

1:40 pm – 2:00 pm Discussion

Concurrent Session 2A – Total Hip

Moderator: Amar S. Ranawat, MD, *Hospital for Special Surgery*

- 2:05 pm – 2:13 pm The Spinopelvic Relationship in Total Hip Replacement:
Simplified Definitions
Ran Schwarzkopf, MD, NYU Langone Orthopedic Hospital
- 2:13 pm – 2:21 pm Dual Mobility in Patients with Lumbar Spine Fusion
Geoffrey H. Westrich, MD, Hospital for Special Surgery
- 2:21 pm – 2:29 pm TJA Infection 2020
Javad Parvizi, MD, Rothman Orthopaedic Institute
- 2:29 pm – 2:37 pm THA in Hip Dysplasia
Rafael J. Sierra, MD, Mayo Clinic
- 2:37 pm – 2:45 pm Avoiding the Learning Curve with Anterior THA
John Keggi, MD, St. Mary's Hospital
- 2:45 pm – 3:00 pm Discussion

Concurrent Session 2B – Spine: Today's Standards, and Where Are We Going?

Moderator: Marc J. Levine, MD, *Orthopedic and Spine Institute at RWJ/Barnabas Healthcare System*

- 2:05 pm – 2:13 pm Current Concepts in Spine Deformity
Andrew H. Milby, MD, Emory University
- 2:13 pm – 2:21 pm Spine Trauma
Michael Vives, MD, Rutgers University
- 2:21 pm – 2:29 pm Degenerative Lumbar Spine
Byron F. Stephens, MD, Vanderbilt University
- 2:29 pm – 2:37 pm Endoscopic Spine Surgery
Raymond Gardocki, MD, Vanderbilt University
- 2:37 pm – 2:45 pm Pediatric Scoliosis
Suken A. Shah, MD, Nemours Children's Health System
- 2:45 pm – 2:53 pm Biologics
Scott D. Boden, MD, Emory Spine Center
- 2:53 pm – 3:00 pm Discussion

Rapid Fire Session 2A – Shoulder Arthroplasty

Moderators: TBD

- 3:05 pm – 3:09 pm 383 - Interscalene Block with Liposomal and Plain Bupivacaine in Shoulder Arthroplasty
Uchenna Umeh, MD, New York University Langone Hospital
- 3:09 pm – 3:13 pm **EOEF Resident Travel Grant Award**
401 - A Validated Predictive Tool for Discharge to Post-Acute Care After Shoulder Arthroplasty
Daniel E. Goltz, MD, MBA, Duke University
- 3:13 pm – 3:17 pm 761 - Arthroplasty Costs Excluding Implants: Anatomic Total Shoulder vs Reverse Shoulder Arthroplasty
Christopher Fang, MD, New England Baptist Hospital
- 3:17 pm – 3:20 pm Discussion
- 3:20 pm – 3:24 pm 84 - Corticosteroid Injections and Risk of Revision in Shoulder Arthroplasty
Monica Stadecker, MD, MBA, George Washington University
- 3:24 pm – 3:28 pm 298 - Aseptic Reoperation Following Shoulder Arthroplasty Increases Risk of Prosthetic Joint Infection
John Wickman, MD, MBA, Duke University Hospital
- 3:28 pm – 3:32 pm 337 - Patient's Willingness and Concerns for Discharge after Shoulder Arthroplasty
Kevin M. Magone, MD, NYU Langone Orthopaedic Hospital
- 3:32 pm – 3:35 pm Discussion

Rapid Fire Session 2B – Trauma

Moderators: TBD

- 3:05 pm – 3:09 pm **EOEF/OREF Resident Travel Grant Award**
179 - Are CT scans needed for evaluation of femoral gunshot wounds?
Heather Flynn, MD, Temple University Hospital
- 3:09 pm – 3:13 pm 474 - Besides Delay, What Else Increases Mortality Following Hip Fracture Surgery?
Richard A. Pizzo, DO, Jersey City Medical Center
- 3:13 pm – 3:17 pm 514 - Fixation vs. Replacement of Femoral Neck Fractures in 40-59 Year Olds
Corey A. Jones, MD, Emory University

- 3:17 pm – 3:20 pm Discussion
- 3:20 pm – 3:24 pm 47 - THA versus Hemiarthroplasty for Fracture in Patients with Lumbosacral Fusion
Tom Pollard, MD, George Washington University
- 3:24 pm – 3:28 pm 65 - A 7-Year Perspective on Hip Fracture Management in New York State—Do Level 1 Trauma Centers Provide Better Care?
Afshin A. Anoushiravani, MD, Albany Medical College
- 3:28 pm – 3:32 pm 123 - Short Term Outcomes of Pre-Contoured Spring Plate Stabilization in Elementary and Associated Posterior Wall Acetabulum Fracture Patterns
Azhar S. Bashir, MD, Virginia Commonwealth University

3:32 pm – 3:35 pm Discussion

Rapid Fire Session 2C – Sports Medicine

Moderators: TBD

- 3:05 pm – 3:09 pm 746 - Repairing Lateral Meniscus Tears in Patients with Anterior Cruciate Ligament Reconstruction Ensures Low Rate of Symptomatic OA Compared to Lateral Meniscectomy at 9-Year Follow Up Sports
Kevin D. Plancher, MD, MPH, MS, Albert Einstein College of Medicine
- 3:09 pm – 3:13 pm **EOEF John D. Kelly IV, MD Donor Grant**
577 - Biomechanical Evaluation of Over-The-Top Femoral Fixation Technique for ACL Reconstruction
Heath P. Gould, MD, MedStar Orthopaedic Institute
- 3:13 pm – 3:17 pm 641 - Peroneal Nerve Involvement in Multi-Ligamentous Knee Injury: A Multi-Center Study
Danielle H. Markus, BA, NYU Langone Health
- 3:17 pm – 3:20 pm Discussion
- 3:20 pm – 3:24 pm 803 - Risk Factors for Infections Following Arthroscopic Rotator Cuff Repair
Neil Patel, MD, Ann and Robert H. Lurie Children's Hospital of Chicago
- 3:24 pm – 3:28 pm 609 - Physician Pay and Insurance Reimbursement: A Look from the Patient's Perspective
Iciar M. Davila Castrodad, MD, St. Joseph's University Medical

Center

3:28 pm – 3:32 pm 676 - Absorbable Versus Non-Absorbable Sutures for the Treatment of Knee Arthroscopy
Donghoon Lee, BS, Rothman Orthopaedic Institute

3:32 pm – 3:35 pm Discussion

Rapid Fire Session 2D – Total Joint/Total Knee Arthroplasty

Moderators: TBD

3:05 pm – 3:09 pm **EOEF Michael P. Ast, MD Donor Grant**
131 - Do Physicians Overestimate Radiographic Findings in Patients Undergoing Knee Arthroplasty?
James J. Gregory, MD, Dartmouth-Hitchcock Medical Center

3:09 pm – 3:13 pm 106 - Meloxicam has equivalent safety profile as Celecoxib, but is less costly, for post-operative analgesia after total knee arthroplasty
Amer Haffar, BS, Rothman Orthopaedic Institute

3:13 pm – 3:17 pm **EOEF/OREF Resident Travel Grant Award**
846 - Outcomes and Patient Satisfaction after TKA are not Associated with Implant Manufacturer
Adam W. Green, MD, University of Massachusetts Medical Center

3:17 pm – 3:20 pm Discussion

3:20 pm – 3:24 pm 108 - One Day Knee - Clinical Transformation Project
Vijayakrishnan Poondi Srinivasan, MS, Maine Medical Center

3:24 pm – 3:28 pm **EOEF Thomas R. Bowen, MD Donor Grant**
163 - Early Aseptic Revision Total Knee Arthroplasty Within 90 Days: Causes and Complications
Tony S. Shen, MD, Hospital for Special Surgery

3:28 pm – 3:32 pm **EOEF Geoffrey H. Westrich, MD Donor Grant**
604 - Thirty Days of Aspirin Adequate as VTE Prophylaxis Following TKA
Noam Shohat, MD, Rothman Orthopaedic Institute

3:32 pm – 3:35 pm Discussion

Rapid Fire Session 2E – Spine

Moderators: TBD

3:05 pm – 3:09 pm	EOEF Resident Travel Grant Award 972 - A Modified Method of Triggered Electromyography Monitoring in Minimally Invasive Spine Surgery: Comparison to Conventional Techniques and Correlation with Body Mass Index <i>Andrew Moon, MD, Tufts University School of Medicine</i>
3:09 pm – 3:13 pm	EOEF Resident Travel Grant Award 96 - A Clinical Calculator to Predict Survival in Elderly Spine Trauma Patients <i>Catherine R. Carlile, MD, Vanderbilt University Medical Center</i>
3:13 pm – 3:17 pm	762 - Salvaging Magnetically Controlled Growing Rods does Increase Recurrent Infection Rate <i>Krishna Vangipuram Suresh, BS, Johns Hopkins University</i>
3:17 pm – 3:20 pm	Discussion
3:20 pm – 3:24 pm	781 - The Diagnostic Utility of Biomarkers for Spinal Infection <i>Francis J Sirch, BS, Rothman Orthopedic Institute</i>
3:24 pm – 3:28 pm	66 - Prospective Randomized Control Trial of Tranexamic Acid Infusion During Elective Spine Surgery, Preliminary Results <i>Afshin A. Anoushiravani, MD, Albany Medical College</i>
3:28 pm – 3:32 pm	90 - Surgical Site Infection Risk Factors following Anterior Lumbar Interbody Fusion <i>Safa C. Fassihi, MD, George Washington University</i>
3:32 pm – 3:35 pm	Discussion
3:40 pm – 4:40 pm	Scientific E-Poster Session (Presenters will be available to answer questions)
4:40 pm – 5:40 pm	Multimedia Education Session

Friday, October 22

6:00 am – 7:00 am	Scientific E-Poster Session (Presenters will be available to answer questions)
7:00 am – 7:05 am	Announcements <i>Joshua A. Baumfeld, MD, Program Chair</i>

Symposium 3 – Transitioning to Outpatient TJA

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

- 7:05 am – 7:13 am How COVID Turned Me into an Outpatient Surgeon
Geoffrey H. Westrich, MD, Hospital for Special Surgery
- 7:13 am – 7:21 am Technology in the ASC
John Keggi, MD, St. Mary's Hospital
- 7:21 am – 7:29 am Peri-Operative Protocols for Outpatient TJS
Arjun Saxena, MD, MBA, Rothman Orthopaedic Institute
- 7:29 am – 7:37 am What is the Actual Data on Outpatient TJA
Michael P. Ast, MD, Hospital for Special Surgery
- 7:37 am – 7:50 am Discussion
- 7:55 am – 8:25 am **Focused Breakfast Presentation**
*CME Credit Not Available

Rapid Fire Session 3A – Foot & Ankle/Lower Extremity

Moderators: TBD

- 8:30 am – 8:34 am 80 - Does Medicaid expansion improve access to care for ankle sprains?
Caroline P. Hoch, BS, Medical University of South Carolina
- 8:34 am – 8:38 am 292 - Functional Outcomes of Open Reduction and Internal Fixation of Lisfranc Injuries
Daniel O. Corr, BS, Rothman Orthopaedic Institute
- 8:38 am – 8:42 am 792 - Is there a psychiatric diagnosis in chronic ankle instability patients?
John Allen, BS, Medical University of South Carolina
- 8:42 am – 8:45 am Discussion
- 8:45 am – 8:49 am 40 - A Detailed Analysis of Workplace Foot and Ankle Injuries
Alexander M. Caughman, BS, Medical University of South Carolina
- 8:49 am – 8:53 am 229 - The Influence of Sex on Outcomes After Total Ankle Arthroplasty
Kathy McGurk, MD, Medical University of South Carolina
- 8:53 am – 8:57 am 234 - Steroid Use Increases Complications Following Ankle Open Reduction Internal Fixation
Theodore Quan, BS, George Washington University

8:57 am – 9:00 am Discussion

Rapid Fire Session 3B – Trauma

Moderators: TBD

8:30 am – 8:34 am 403 - Dual Plating of Periprosthetic Distal Femur Fractures
Christopher A. Grimes, MD, Wake Forest Baptist Health

8:34 am – 8:38 am 512 - Racial & Ethnic Disparities in 30-Day Postoperative Hip Fracture Outcomes
Daniel M. Aloise, FIU Herbert Wertheim College of Medicine

8:38 am – 8:42 am 736 - Single Day Surgical Delay of Hip Fractures is Associated with Increased Morbidity and Mortality
Nipun Sodhi, MD, Long Island Jewish Medical Center

8:42 am – 8:45 am Discussion

8:45 am – 8:49 am 921 - High Altitude Increases Risk of Venous Thromboembolism After Acetabular/Pelvic Fixation
Matthew S. Broggi, MD, MBA, Emory University School of Medicine

8:49 am – 8:53 am 944 - Outcomes of Bicondylar Tibial Plateau Fractures with a Tubercle Fragment
Derek Sven Stenquist, MD, Harvard Orthopedic Trauma Initiative

8:53 am – 8:57 am 207 - Developmental Patella Baja Status Post Intramedullary Tibial Nail Placement
Ryan Sutton, MD, Rothman Institute at Thomas Jefferson University

8:57 am – 9:00 am Discussion

Rapid Fire Session 3C – Sports Medicine

Moderators: TBD

8:30 am – 8:34 am **EOEF Sameh A. Labib, MD Donor Grant**
5 - Beach Chair Versus Lateral Decubitus Positioning for Primary Arthroscopic Anterior Shoulder Stabilization: A consecutive series of 641 shoulders
Bobby G. Yow, MD, Walter Reed National Military Medical Center

8:34 am – 8:38 am **EOEF Anil S. Ranawat, MD Donor Grant**

170 - Fragility of Statistical Significance in Cartilage Restoration of the Knee

Robert L. Parisien, MD, University of Pennsylvania

8:38 am – 8:42 am

680 - Evaluation of Knotted versus Knotless Medial Row Rotator Cuff Repair

Ryan W. Paul, BS, Rothman Orthopaedic Institute

8:42 am – 8:45 am

Discussion

8:45 am – 8:49 am

924 - Analysis of Liposomal Bupivacaine's Effect on Pain & Opioid Consumption Post-AC

Emily L. DeMaio, BSN, Emory University School of Medicine

8:49 am – 8:53 am

838 - Hip Arthroscopy Outcomes in Concomitant Femoroacetabular and Subspine Impingement Syndrome

Berkcan Akpınar, MD, NYU Langone

8:53 am – 8:57 am

862 - Evaluation of Mid-Term Outcomes Following Shoulder Hemiarthroplasty for Avascular Necrosis of the Humeral Head in Patients 40 Years and Younger

Edward C. Beck, MD, MPH, Wake Forest Baptist Health

8:57 am – 9:00 am

Discussion

Rapid Fire Session 3D – Total Hip Arthroplasty

Moderators: TBD

8:30 am – 8:34 am

EOEF Amar S. Ranawat, MD Donor Grant

484 - Preoperative Spinopelvic Hypermobility Resolves Following Total Hip Arthroplasty

Eric N. Windsor, MS, Hospital for Special Surgery

8:34 am – 8:38 am

EOEF Neil Sheth, MD Donor Grant

571 - A Comparison between Neuraxial and General Anesthesia Outcomes in US Veterans Undergoing Primary Total Hip Arthroplasty

Mohanad Baldawi, MD, Southwest Michigan Innovation Center

8:38 am – 8:42 am

209 - The Anterior Based Muscle Sparing Hip Replacement Approach

Callahan M. Sturgeon, BS, Maine Medical Partners

8:42 am – 8:45 am

Discussion

- 8:45 am – 8:49 am 32 - Capsular Management in Direct Anterior Total Hip Arthroplasty: A Randomized, Single Blind, Controlled Trial
Rahul K. Goel, MD, Emory University
- 8:49 am – 8:53 am 162- Perioperative Pain Following Direct Anterior vs. Posterior Total Hip Arthroplasty
Patawut Bovonratwet, MD, Hospital for Special Surgery
- 8:53 am – 8:57 am 348 - BMI and ASA Score Predict Different Perioperative Delays in THA
Zoe Hinton, BS, Duke University Medical Center
- 8:57 am – 9:00 am Discussion

Rapid Fire Session 3E – Spine

Moderators: TBD

- 8:30 am – 8:34 am 264 - ACDF with Ultra-Low Dose BMP-2 vs. Posterior Approach in Multilevel Fusions to the Cervicothoracic Junction
Daniel Coban, MD, St. Joseph's University Medical Center
- 8:34 am – 8:38 am 387 - Pedicle Screws Can Eliminate the Need for Hemivertebra Excision
Thomas J. Dowling III, MD, Northwell Health/Plainview Hospital
- 8:38 am – 8:42 am 448 - Clinical Trial Quality Assessment in Adult Spinal Surgery
Venkat Boddapati, MD, Columbia University Medical Center
- 8:42 am – 8:45 am Discussion
- 8:45 am – 8:49 am 672 - Increased Hip Fracture Costs of Care in Myelopathic Patients
Hanci Zhang, MD, Duke University Medical Center
- 8:49 am – 8:53 am 167 - The Effect of Ergonomic Interventions in the Operating Room to Reduce Work-related Back Pain in Orthopaedists
Christopher Lucasti, MD, University at Buffalo
- 8:53 am – 8:57 am 208 - Patient Residential Geography and Chronic Opioid Use After ACDF
Hannah A Levy, BS, Rothman Institute
- 8:57 am – 9:00 am Discussion
- 9:00 am – 9:20 am **BREAK – Please visit Exhibits**

General Session 3 – Presidential Address, AAOS Report & Outstanding Service Award

Moderator: Joshua A. Baumfeld, MD, *Beth Israel Lahey Health*

9:20 am – 9:40 am AAOS Report
TBD

9:40 am – 9:50 am ABOS Report
David Martin

9:50 am – 9:55 am Outstanding Service Award
Robert Boran, MD and Betty Jo Steel

9:55 am – 10:10 am Introduction of the EOA President
Amar S. Ranawat, MD, Hospital for Special Surgery

10:10 am – 10:30 am Presidential Address
Title
*Marc J. Levine, MD, Orthopedic and Spine Institute at
RWJ/Barnabas Healthcare System*

10:30 am – 10:50 am **BREAK – Please visit Exhibits**

Symposium 4 – Healthcare Policy and How it Affects Your Practice

Moderator: Richard Iorio, MD, *Brigham and Women's Hospital*

10:50 am – 11:00 am AUCs, CPGs, Bundles and Orthopaedics: Using EBM to Care for
Your Patients
Kevin Bozic, MD, MBA, Dell Medical School

11:00 am – 11:10 am The RUC, EM Coding, CPT Coding, the Present and Future of
Reimbursement and Value-Based Payment
Michael Bolognesi, MD, Duke University

11:10 am – 11:20 am Advocacy Going Forward: Where Do We Go and Have We Been
Successful?
Pro: *Joseph A. Bosco, MD, NYU Langone Health*
Con: *Michael Bolognesi, MD, Duke University*

11:20 am – 11:30 am Discussion

11:35 am – 12:05 pm **Focused Lunch Presentation**
*CME Credit Not Available

Concurrent Session 3A – Total Joint Arthroplasty

Moderator: Rafael J. Sierra, MD, *Mayo Clinic*

12:10 pm – 12:18 pm Anterolateral THA Experience

Adam Rana, MD, Maine Medical Partners

12:18 pm – 12:26 pm

Trunionosis

Brian J. McGrory, MD, Maine Medical Partners

12:26 pm – 12:34 pm

Uncemented TKA

Wayne E. Moschetti, MD, Dartmouth-Hitchcock Medical Center

12:34 pm – 12:42 pm

Operation Walk

Frank Congiusta, MD, St. Peter's Hospital

12:42 pm – 12:50 pm

Extensor Mechanism Complications after TKA

Kevin W. Dwyer, MD, Dartmouth-Hitchcock Medical Center

12:50 pm – 1:05 pm

Discussion

Concurrent Session 3B – Foot and Ankle

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

12:10 pm – 12:18 pm

Lisfranc Injuries in the Athlete

James A. Nunley II, MD, Duke University

12:18 pm – 12:26 pm

Ankle Sprains: Why Do They Matter?

Sameh A. Labib, MD, Emory University

12:26 pm – 12:34 pm

Deltoid Injuries in Ankle Fractures

Jason T. Bariteau, MD, Emory University

12:34 pm – 12:42 pm

Foot Stress Fractures: Jones to Navicular

Elizabeth A Martin MD, ScM, Brigham and Women's Hospital

12:42 pm – 12:50 pm

Achilles Rupture in the Athlete

Rachel J. Shakked, MD, Rothman Orthopaedic Institute

12:50 pm – 1:05 pm

Discussion

Concurrent Session 4A – Total Shoulder Arthroplasty

Moderator: Mark J. Lemos, MD, *Beth Israel Lahey Health*

1:05 pm – 1:13 pm

Tips and Tricks for TSA Exposure

Sara Edwards, MD, University of California, San Francisco

1:13 pm – 1:21 pm

What is the Role for Virtual Planning and Patient-Specific Instruments?

Joseph P. DeAngelis, MD, Beth Israel Deaconess Medical Center

- 1:21 pm – 1:29 pm Managing the Infected TSA
Joseph W. Galvin, DO, Joint Base Lewis McChord
- 1:29 pm – 1:37 pm Dealing with the Biconcave Glenoid and How Much Retro Version
is Acceptable
Theodore A. Blaine MD, Hospital for Special Surgery
- 1:37 pm – 1:45 pm Periprosthetic Fractures About a TSA Stem
Mark Lemos, MD Beth Israel Lahey Health
- 1:45 pm – 1:53 pm What Humeral Design is Best: Old-School Stem, Short Stem or
Stemless?
Srinath Kamineni, MD, University of Kentucky
- 1:53 pm – 2:00 pm Discussion

Concurrent Session 4B – Patellofemoral Instability

Moderator: Cory M. Edgar, MD, *UConn Health*

- 1:05 pm – 1:13 pm Evaluation and Work-Up
Cory M. Edgar, MD, UConn Health
- 1:13 pm – 1:21 pm First-Time Dislocator: When Should Surgery be Considered?
Miho J. Tanaka, MD, Massachusetts General Hospital
- 1:21 pm – 1:29 pm Isolated Soft Tissue Procedures: When and How?
Cassandra A. Lee, MD, University of California, Davis
- 1:29 pm – 1:37 pm Osteotomies: When and How?
Anil Ranawat, MD, Hospital for Special Surgery
- 1:37 pm – 1:45 pm Dealing with Chondral Lesions with Patellofemoral Instability
Christian Lattermann, MD, Brigham and Women's Hospital
- 1:45 pm – 2:00 pm Cases and Discussion

Rapid Fire Session 4A – Total Joint Arthroplasty

Moderators: TBD

- 2:05 pm – 2:09 pm **EOEF Adam J. Rana, MD Donor Grant**
476 - Comparison of Silver-Embedded Occlusive Dressings and
Negative Pressure Wound Therapy Following Total Joint
Arthroplasty in High BMI Patients: A Randomized Controlled
Trial Total Joint
Ran Schwarzkopf, MD, MSc, NYU Langone Health

- 2:09 pm – 2:13 pm 602 - Blood Transfusions Increase the Risk for VTE Following TJA
Leanne Ludwick, BS, Rothman Orthopaedic Institute
- 2:13 pm – 2:17 pm **EOEF/OREF Resident Travel Grant Award**
629 - Synovial fluid absolute neutrophil count a promising marker for diagnosing periprosthetic joint infection
Alisina Shahi, MD, PhD, Cooper University Hospital
- 2:17 pm – 2:20 pm Discussion
- 2:20 pm – 2:24 pm 468 - Perioperative Intravenous Steroids in Total Joint Arthroplasty: A Systematic Review
Richard Ruberto, BA, Columbia Orthopedics
- 2:24 pm – 2:28 pm 637 - Post-Operative Complications After Outpatient Total Joint Arthroplasty in a Health Disparate Community
Andres A. Zorrilla, MD, Montefiore Medical Center/Albert Einstein School of Medicine
- 2:28 pm – 2:32 pm 788 - Interval Time Less than 17 Weeks Between Bilateral Total Knee Arthroplasties is Associated with Increased Postoperative Complications
Alex Gu, BS, George Washington School of Medicine and Health Sciences
- 2:32 pm – 2:35 pm Discussion

Rapid Fire Session 4B – Pediatrics

Moderators: TBD

- 2:05 pm – 2:09 pm 605 - The Impact of Racial Disparities on Opioid Prescription Rates in Pediatrics
Grace V. Gilbert, BSN, Cooper Bone and Joint Institute
- 2:09 pm – 2:13 pm 791 - Which Pediatric Elbow Fracture Needs Additional Investigation for Intercondylar Split?
Rachel Windmueller, BS, Vanderbilt University Medical Center
- 2:13 pm – 2:17 pm 841 - Surgical Prophylaxis in Pediatric Orthopaedic Patients with Penicillin Allergy
Brian D. Batko, MD, Rutgers New Jersey Medical School
- 2:17 pm – 2:20 pm Discussion

2:20 pm – 2:24 pm 28 - Do the Supra-Condylar Humerus Fracture Patients Need Routine After-Pin-Removal Follow-Up? Pediatrics
Sonia Chaudhry, MD, University Of Connecticut

2:24 pm – 2:28 pm 73 - Intercostal Nerve Transfer for Restoration of Shoulder Function after Virally-Induced Spinal Cord Injuries Pediatrics
Ryan Hoffman, MD, Albert Einstein Healthcare Network

2:28 pm – 2:32 pm 117 - Reoperation and Readmission after ORIF of Adolescent Midshaft Clavicle Fractures
Aman Chopra, MedStar Union Memorial Hospital

2:32 pm – 2:35 pm Discussion

Rapid Fire Session 4C – Shoulder & Elbow

Moderators: TBD

2:05 pm – 2:09 pm 889 - Opioid Free Postoperative Course Following Arthroscopic Rotator Cuff Repair
Alessia C. Lavin, BS, University of Miami Miller School of Medicine

2:09 pm – 2:13 pm 901 - Minimized Elbow Varus Torque in Pitchers with High Pitch Accuracy
Joseph E. Manzi, Weill Cornell Medicine

2:13 pm – 2:17 pm **EOEF Cynthia L. Emory, MD, MBA Donor Grant**
389 - Is Primary Total Elbow Arthroplasty Appropriately Compensated Compared to Other Major Total Joint Arthroplasty?
Suresh K. Nayar, MD, Johns Hopkins University

2:17 pm – 2:20 pm Discussion

2:20 pm – 2:24 pm 83 - Clavicle Fracture Fixation with Nitinol Staples vs. Superior Locked Plating
Katherine L. Mistretta, MD, MedStar Union Memorial Hospital

2:24 pm – 2:28 pm 336 - Symptom Severity Impacting Treatment Selection in Patients with Adhesive Capsulitis
Erel B. Ari, MD, NYU Langone Orthopaedic Hospital

2:28 pm – 2:32 pm **EOEF Marc J. Levine, MD Donor Grant**
185 - Press-Fit Versus Cemented Glenoid Component in Anatomic TSA with 5-Year Follow-Up
Jonathan B. Goodloe, MD, Medical University of South Carolina

2:32 pm – 2:35 pm Discussion

Rapid Fire Session 4D – Trauma

Moderators: TBD

2:05 pm – 2:09 pm 899 - Utility of Whole Body CT in Low Energy Hip Fractures
Trauma
Samantha N. Weiss, BS, Cooper University Hospital, Bone and Joint Institute

2:09 pm – 2:13 pm 973 - Comparison of Extramedullary and Intramedullary Implants
for Non-Displaced Intertrochanteric Fractures Trauma
Ghulam Saadat, MD, Cook County Health

2:13 pm – 2:17 pm 852 - Cemented Fixation Reduces Risk of Early PPFx in High-
Risk THA Patients Total Hip
Samuel Rodriguez, MD, Hospital for Special Surgery

2:17 pm – 2:20 pm Discussion

2:20 pm – 2:24 pm 324 - THA vs Hemiarthroplasty In Patients with Femoral Neck
Fractures Total Joint
Emmanuel Adeyemo, BA, UT Southwestern Medical Center

2:24 pm – 2:28 pm 62 - Morbidity and Mortality of Proximal Humerus Fragility
Fractures Shoulder & Elbow
Patrick B. Curtin, MD, University of Massachusetts

2:28 pm – 2:32 pm 485 - Early vs. Standard Weight Bearing Following Operative
Treatment of Tibial Plateau Fractures
Erick Heiman, DO, Jersey City Medical Center

2:32 pm – 2:35 pm Discussion

Rapid Fire Session 4E – Hand & Wrist

Moderators: TBD

2:05 pm – 2:09 pm 21 - Hand Call Practices and Satisfaction: Survey Results from US
Hand Surgeons
Diana G. Douleh, MD, University of Colorado, Aurora

2:09 pm – 2:13 pm 192 - Unplanned Return to the Operating Room in Hand Surgery:
Incidence and Reason for Return
Lili Schindelar, MD, MPH, Rothman Institute at Thomas Jefferson University

2:13 pm – 2:17 pm	372 - Timing of Carpal Tunnel Injections Increases Risk of Postoperative Infection <i>Jay L. Mottla, MD, Medstar Georgetown University Hospital</i>
2:17 pm – 2:20 pm	Discussion
2:20 pm – 2:24 pm	299 - Preoperative Opioid Use and Two-Year Outcomes After Hand Surgery <i>Cameran Burt, BS, University of Maryland</i>
2:24 pm – 2:28 pm	470 - Parallel K-wire Placement Leads to Fusion in Scaphoid Excision Four-Corner Fusion <i>Sumail Bhogal, MD, University of Pittsburgh Medical Center</i>
2:28 pm – 2:32 pm	235 - Bleeding Disorders Increases Adverse Events Following Distal Radius Fracture Repair <i>Theodore Quan, BS, George Washington University</i>
2:32 pm – 2:35 pm	Discussion
2:35 pm – 3:35 pm	Scientific E-Poster Session (Presenters will be available to answer questions)
3:35 pm – 4:35 pm	Multimedia Education Session

Saturday, October 23

6:00 am – 7:00 am	Scientific E-Poster Session (Presenters will be available to answer questions)
6:15 am – 7:15 am	Chair & Program Directors Meeting (Invitation Only)
7:00 am – 7:15 am	Second Business Meeting
7:15 am – 7:20 am	Announcements <i>Joshua A. Baumfeld, MD, Program Chair</i>

Symposium 5 – Sports Shoulder

Moderator: Xinning Li, MD, *Boston University School of Medicine*

7:20 am – 7:28 am	Management of Anterior Shoulder Instability: What's New for 2020? <i>Josef K. Eichinger, MD, Medical University of South Carolina</i>
7:28 am – 7:36 am	Treatment of the Biceps Labral Complex: A Changing Paradigm

Xinning Li, MD, Boston University School of Medicine

7:36 am – 7:44 am Posterior Shoulder Instability: From Arthroscopic Repair to Bone Grafting
Stephen A. Parada, MD, Medical College of Georgia at Augusta University

7:44 am – 7:52 am Orthobiologics: What's the Evidence?
Rachel M. Frank, MD, University of Colorado

7:52 am – 8:00 am SCR for Massive Cuff Tears: Should We Be Doing This in Practice?
Albert Lin, MD, University of Pittsburgh

8:00 am – 8:15 am Discussion

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

General Session 4 – EOEf Award Papers

8:50 am – 8:55 am **EOEF Founders' Award**
211 - Melatonin Does Not Improve Sleep Quality in a Randomized Placebo-Controlled Trial Following Primary Total Joint Arthroplasty
Samuel J. Clarkson, MD, Rothman Orthopaedic Institute

8:55 am – 9:00 am **EOEF Ranawat Award**
307 - Evaluating the Nosocomial Transmission Rate of COVID-19 Following Orthopaedic Surgery
Anna H. Green, MD, Rutgers Robert Wood Johnson University Hospital

9:00 am – 9:05 am **EOEF John D. & Marie S. Kelly Shoulder Award**
248 - Biomechanical Comparison of Stemless Humeral Components in Total Shoulder Arthroplasty
Raymond E. Chen, MD, University of Rochester

9:05 am – 9:10 am **EOEF Parvizi Musculoskeletal Infection Award**
600 - Fracture-associated Microbiome and Persistent Nonunion: Next-Generation Sequencing Reveals
Karan Goswami, MD, Rothman Orthopaedic Institute

9:10 am – 9:17 am Discussion

9:17 am – 9:22 am **EOEF Richmond Arthroscopy/Sports Medicine Award**

187 - Stacked Screws in Single Stage Revision ACL Reconstruction
Ian D. Engler, MD, Tufts Medical Center

9:22 am – 9:27 am

EOEF Resident Award

198 - Increased 90 Day Mortality and Morbidity in Hip Fracture Patients During the Coronavirus Pandemic
Megan M. Mizera, MD, Montefiore Medical Center

9:27 am – 9:32 am

EOEF Resident Award

186 - A Simple Hip-Spine Classification for Total Hip Replacement –Validation and Large Multi-Center Series
Abhinav K. Sharma, BS, David Geffen School of Medicine at UCLA

9:32 am – 9:37 am

EOEF Resident Award

173 - Mind the Gap: Discrepancies in Work-Family Balance Between Female and Male Orthopaedic Surgeons
Hope E. Skibicki, DO, Rowan University School of Osteopathic Medicine

9:37 am – 9:45 am

Discussion

9:45 am – 10:10 am

BREAK – Please visit Exhibits

Concurrent Session 5A – Sports Knee/ACL

Moderators: Nicholas A. Sgaglione, MD, *Northwell Health*

John C. Richmond, MD, *New England Baptist Hospital*

10:10 am – 10:18 am

Avoiding Primary ACL Reconstruction Failure
Eric W. Carson, MD, Washington University

10:18 am – 10:26 am

Addressing Other Issues: When and How? (Root Tears, Tibial Slope, Alignment, Concomitant Injuries)
Anil S. Ranawat, MD, Hospital for Special Surgery

10:26 am – 10:34 am

Return to Play Considerations following ACL Reconstruction
Arun J. Ramappa, MD, Beth Israel Deaconess

10:34 am – 10:42 am

Consideration in Pediatric ACL Reconstruction
Lauren Redler, MD, Columbia University

10:42 am – 10:50 am

Considerations in Revision ACL Reconstruction from the MARS Study
Rick W. Wright, MD, Vanderbilt University

10:50 am – 11:00 am Discussion

Concurrent Session 5B – Pearls for Common Elbow Fractures

Moderators: Eric T. Tolo, MD, *Lahey Health*
Charles Cassidy, MD, *Tufts Medical Center*

10:10 am – 10:18 am Olecranon Fractures
Eric T. Tolo, MD, Lahey Health

10:18 am – 10:26 am Distal Humerus Fractures
Scott P. Steinmann, MD, UTHSC College of Medicine

10:26 am – 10:34 am Radial Head Fractures
Charles Cassidy, MD, Tufts Medical Center

10:34 am – 10:42 am Terrible Triad
George S. Dyer, MD, Brigham and Women's Hospital

10:42 am – 10:50 am Monteggia Fractures
Srinath Kamineni, MD, University of Kentucky

10:50 am – 11:00 am Discussion

Rapid Fire Session 5A – Sports Medicine

Moderators: TBD

11:05 am – 11:09 am 868 - Factors Associated with Early Reoperation following
Quadriceps Tendon ACL Reconstruction
Rebecca M. Haley, BA, Emory University School of Medicine

11:09 am – 11:13 am 958 - Acute Acromioclavicular Joint Separations: Reconstruction
with Allograft versus Anatomic Fixation
Zachary Aman, BA, Rothman Orthopaedic Institute

11:13 am – 11:17 am 350 - Comparison of Latarjet After Failed Arthroscopic Bankart
with Primary Latarjet
Yaniv Pines, BA, NYU Langone Orthopaedic Hospital

11:17 am – 11:20 am Discussion

11:20 am – 11:24 am 742 - Failure Rates in Contact versus Non-Contact Athletes
Following Modified Arthroscopic Bankart Repair at 10-Year
Follow-Up
*Thomas Evely, DO, East Tennessee State University Orthopedic
Surgery Residency*

- 11:24 am – 11:28 am 314 - Precise Multiplanar Correction for MOWHTO Utilizing a CT-Based Patient-Specific System
Claire Eliasberg, MD, Hospital for Special Surgery
- 11:28 am – 11:32 am 330 - Implementation of an Injury Prevention Program in NCAA Division I Athletics Reduces Injury-Related Healthcare Costs
Ali S. Farooqi, BA, Perelman School of Medicine at the University of Pennsylvania
- 11:32 am – 11:35 am Discussion

Rapid Fire Session 5B – Total Joint Arthroplasty
Moderators: TBD

- 11:05 am – 11:09 am 238 - The ramifications of long-term trends in arthroplasty reimbursement
Louis F. McIntye, MD, US Orthopedic Partners
- 11:09 am – 11:13 am 212 - Outpatient Arthroplasty Bundles: Clinical and Financial review of first 1000 cases
Frank V. Aluisio, MD, EmergeOrtho-Triad Division
- 11:13 am – 11:17 am 81 - Decreased Costs after Total Joint Arthroplasty in a Physician-Owned Hospital
Brian P. Gladnick, MD, W.B. Carrell Memorial Clinic
- 11:17 am – 11:20 am Discussion
- 11:20 am – 11:24 am **EOEF Amar S. Ranawat, MD Donor Grant**
968 - The Effect of an Arthroplasty Center Of Excellence On Volume
Shayan Hosseinzadeh, MD, Newton-Wellesley Hospital
- 11:24 am – 11:28 am 349 - Short Stay Arthroplasty Is Not Associated with Increased 90-Day Complications
Christine J. Wu, BS, Duke University Medical Center
- 11:28 am – 11:32 am 501 - The Impact of COVID-19 Pandemic on Elective Joint Arthroplasty Practice
Mohammad Abdelaal, MD, Rothman Orthopaedic Institute
- 11:32 am – 11:35 am Discussion

Rapid Fire Session 5C – Shoulder
Moderators: TBD

- 11:05 am – 11:09 am 789 - An Enhanced Understanding of Shoulder PJI using Next Generation Sequencing
Brandon Louis Rogalski, MD, Thomas Jefferson University / Rothman Institute
- 11:09 am – 11:13 am **EOEF Resident Travel Grant Award**
136 - The Utilization of Platelet Parameters as an Adjunct Indicator for the Diagnosis of Shoulder Periprosthetic Joint Infection
Taylor Paziuk, MD, The Rothman Orthopaedic Institute at Thomas Jefferson University Hospital
- 11:13 am – 11:17 am 218 - The Opioid Risk Tool: Can It Predict Post-Operative Dependence?
Dennis DeBernardis, DO, Rowan School of Osteopathic Medicine
- 11:17 am – 11:20 am Discussion
- 11:20 am – 11:24 am 529 - Opioid Use Following Shoulder Arthroplasty: Who Requires Refills?
Eric R. Wagner, MD, Upper Extremity Center, Emory University
- 11:24 am – 11:28 am 176 - A Surgeon-Directed Home Rehabilitation Program Following Rotator Cuff Repair
Melissa A. Wright, MD, Medstar Union Memorial Hospital
- 11:28 am – 11:32 am 278 - PROMIS Depression and Anxiety in Shoulder Surgery Patients
Mitch Baker, BS, University of Maryland
- 11:32 am – 11:35 am Discussion

Rapid Fire Session 5D – Upper Extremity
Moderators: TBD

- 11:05 am – 11:09 am 103 - Efficacy of peroxide solutions in decreasing C. acnes around the shoulder
Lucy E. Meyer, MD, Duke University Medical Center
- 11:09 am – 11:13 am 925 - Smoking and Associated Surgical Complications in Distal Upper Extremity Fractures
Charles A. Johnson, MD, Medical University of South Carolina
- 11:13 am – 11:17 am 240 - A Multi-Institutional Study of Preoperative Albumin and Shoulder Arthroplasty Outcomes

Etienne M. Flamant, BS, Duke University School of Medicine

- 11:17 am – 11:20 am Discussion
- 11:20 am – 11:24 am 593 - Early Radiographic Changes and Stress Shielding After Total Shoulder Arthroplasty Utilizing Various Stem Designs
Ryan Cox, MD, Thomas Jefferson University
- 11:24 am – 11:28 am 25 - Tetanus Vaccination in Intravenous Drug Abuse Patients with Hand Infections
Patrick M. Luchini, MD, West Virginia University
- 11:28 am – 11:32 am 161 - Psychological Distress in Patients Presenting to a Shoulder Surgeon's Clinic
Rafeal L. Baker, BS, Duke University School of Medicine
- 11:32 am – 11:35 am Discussion

Rapid Fire Session 5E – Misc.

Moderators: TBD

- 11:05 am – 11:09 am 959 - Descriptive Analysis of Hip Surgery Malpractice Litigation in the United States
Adam Fano, BS, Rutgers New Jersey Medical School
- 11:09 am – 11:13 am 467 - Tranexamic Acid Decreases Complications in Arthroplasty Patients with Preoperative Coagulopathy
Graham S. Goh, MD, Rothman Orthopaedic Institute
- 11:13 am – 11:17 am 854 - The Financial Burden of Nonoperatively Treated Pediatric Distal Radius Fractures
Amy L. Xu, BS, Johns Hopkins University
- 11:17 am – 11:20 am Discussion
- 11:20 am – 11:24 am 970 - Variability in Acetabular Component Position in Patients Undergoing Direct Anterior Approach Total Hip Arthroplasty who have Concomitant Spine Pathology
Cesar R. Iturriaga, DO, Northwell Health
- 11:24 am – 11:28 am 416 - Direct Anterior Approach Increase Risks of Readmission and Complications after Total Hip Arthroplasty
Mohamed E. Awad, MD, MBA, Southwest Michigan Innovation Center
- 11:28 am – 11:32 am 115 - Clubfoot Cast Simulation Using Pressure Sensors for

Resident Education
Brian C. Lynch, MD, Stony Brook University Hospital

11:32 am – 11:35 am Discussion

General Session 5 – BOC Report and Howard Steel Lecturer

Moderator: Marc J. Levine, MD, *Orthopedic and Spine Institute at RWJ/Barnabas Healthcare System*

11:40 am – 11:50 am BOC Report
Marc J. Levine, MD, Orthopedic and Spine Institute at RWJ/Barnabas Healthcare System

11:50 am – 11:55 am Introduction of Howard Steel Lecturer
Marc J. Levine, MD, Orthopedic and Spine Institute at RWJ/Barnabas Healthcare System

11:55 am – 12:35 pm Howard Steel Lecture
Title
Congressman Mark Green, US House of Representatives

12:40 pm – 1:10 pm **Focused Lunch Presentation**
*CME Credit Not Available

General Session 6 – New Jersey Orthopaedic Society

Moderator: *Vincent K. McInerney, MD, Seton Hall University/St Joseph's Health*

1:15 pm – 1:45 pm Human Performance and Neuromuscular Training in Athletics & Rehabilitation
Robert Narcessian Ed, MS, Seton Hall University/St Joseph's Health
Bart Oates, NFL Alumni Association

Rapid Fire Session 6A – Shoulder

Moderators: TBD

1:45 pm – 1:49 pm 513 - 2-year Glenoid Augment Outcomes and Costs in Anatomic Total Shoulder Arthroplasty
Lefko T. Charalambous, BS, Duke University Medical Center

1:49 pm – 1:53 pm 177 - Eccentric Reaming for The B2 Glenoid Undergoing Total Shoulder Arthroplasty
Irem Ozturk, MD, Medstar Union Memorial Hospital

1:53 pm – 1:57 pm 417 - Association of Alcohol Use Disorder on Primary Total

Shoulder Arthroplasty
Asad Ashraf, MD, Maimonides Medical Center

1:57 pm – 2:00 pm

Discussion

2:00 pm – 2:04 pm

436 - Risk for Peri-Prosthetic Joint Infections Following Primary Total Shoulder Arthroplasty
Keith B. Diamond, MD, Maimonides Medical Center

2:04 pm – 2:08 pm

885 - In vitro Biomechanical Comparison of Elbow Stability Constructs
Jeffrey C. Lynch, DO, Rowan University School of Osteopathic Medicine

2:08 pm – 2:12 pm

938 - Pediatric Spinal Deformity Correction Does Not Correlate with Physician Reimbursement
Evan Miller, MD, Wake Forest Baptist Health

2:12 pm – 2:15 pm

Discussion

Rapid Fire Session 6B – Patellofemoral Sports

Moderators: TBD

1:45 pm – 1:49 pm

438 - Anteromedialization Tibial Tubercle Osteotomy Improves Patellar Contact Forces
Joseph D. Lamplot, MD, Emory University

1:49 pm – 1:53 pm

539 - Comparing Graft Choice in Medial Patellofemoral Ligament Reconstruction
Jeffrey M. Henstenburg, MD, Rothman Institute

1:53 pm – 1:57 pm

670 - Gender Differences in Posterior Sagittal Position of the Tibial Tubercle
Ariana Lott, MD, NYU Langone Health

1:57 pm – 2:00 pm

Discussion

2:00 pm – 2:04 pm

536 - Caton-Deschamps Index: A Predictor of Outcome for Patellofemoral Instability?
Joseph M. Brutico, BS, Rothman Institute

2:04 pm – 2:08 pm

807 - Tranexamic Acid Has No Effect on Post-operative Hemarthrosis or Pain Control Following Tibial Tubercle Osteotomy: A Double-Blinded Randomized Control Trial
Anna M. Blaeser, NYU Langone Orthopedic Hospital

2:08 pm – 2:12 pm 942 - No Differences in Short-term Patient Reported Outcomes for Medial Patellofemoral Ligament Reconstruction With or Without Lateral Retinacular Release
Evan Miller, MD, Wake Forest Baptist Health

2:12 pm – 2:15 pm Discussion

Rapid Fire Session 6C – Total Joint Arthroplasty

Moderators: TBD

1:45 pm – 1:49 pm **EOEF Scott D. Boden, MD Donor Grant**
710 - Shorter Early Ambulation Following TKA is Associated with Increased VTE Rates
Nipun Sodhi, MD, Long Island Jewish Medical Center

1:49 pm – 1:53 pm 481 - Periprosthetic and Peri-implant Fractures About the Hip & Knee
Jay Shah, DO, Jersey City Medical Center

1:53 pm – 1:57 pm 363 - Multimodal Prophylaxis in Patients with Prior Venous Thromboembolism Undergoing THA/TKA
Drake G. Lebrun, MD, MPH, Hospital for Special Surgery

1:57 pm – 2:00 pm Discussion

2:00 pm – 2:04 pm 373 - Does Intraarticular Corticosteroid Type/Dose Impact Incidence of Hip Osteonecrosis?
Michael Kucharik, Massachusetts General Hospital

2:04 pm – 2:08 pm 865 - Greater digital patient engagement leads to decreased emergency department visits after total joint arthroplasty
Brett Wasserlauf, MD, Musculoskeletal Outcomes Institute @ Trinity Health of New England

2:08 pm – 2:12 pm 124 - Enhanced Recovery After Surgery (ERAS) for Total Joint Arthroplasty: An Institutional Database Study
James Satalich, MD, Virginia Commonwealth University

2:12 pm – 2:15 pm Discussion

Rapid Fire Session 6D – Spine & Misc.

Moderators: TBD

1:45 pm – 1:49 pm 357 - Diversifying Orthopaedic Surgery: Need for Increased URM, Female, and First-Generation Representation Among Graduating Medical Students

Moje Omoruan, BA, Upstate Medical University

- 1:49 pm – 1:53 pm 783 - Relationship between Gut Microbiome and Osteoarthritis: A Systematic Review Other
Emanuele Chisari, MD, Rothman Orthopaedic Institute
- 1:53 pm – 1:57 pm 770 - Feasibility of Machine Learning in the Prediction of Short-Term Complications Following Anterior Cervical Discectomy and Fusion Spine
Anirudh K. Gowd, MD, Wake Forest Baptist Medical Center
- 1:57 pm – 2:00 pm Discussion
- 2:00 pm – 2:04 pm 313 - Patient Resilience as a Predictor of Success Following Spine Surgery
Vincent P. Buddle, DO, Rowan School of Osteopathic Medicine
- 2:04 pm – 2:08 pm 340 - Increased Opioid Consumption in Cannabis Users after Lumbar Fusion Surgery
Taryn E. LeRoy, MD, Tufts Medical Center
- 2:08 pm – 2:12 pm 465 - Alcohol Use Disorder on Outcomes Following Primary 1- to 2- Level Lumbar Fusion
Lauren Gruffi, Maimonides Medical Center
- 2:12 pm – 2:15 pm Discussion

Rapid Fire Session 6E – Hand/Upper Extremity

Moderators: TBD

- 1:45 pm – 1:49 pm 9 - Leadership Trends at Hand Surgery Fellowships
Nicholas Schiller, MS, University of Miami
- 1:49 pm – 1:53 pm 226 - Swelling and Dysfunction Following Proximal Interphalangeal Joint Sprains
Quincy T. Cheesman, DO, Rowan University School of Osteopathic Medicine/Rothman Orthopaedic Institute
- 1:53 pm – 1:57 pm 275 - Efficacy of Waterproof Cast Protectors to Keep Casts Dry
Adam J. Santoro, DO, Rowan SOM, Rothman Orthopaedic Institute
- 1:57 pm – 2:00 pm Discussion
- 2:00 pm – 2:04 pm 354 - The Role of Grit in Carpal and Cubital Tunnel Syndrome
Aaron Chen, BS, Weill Cornell Medicine

- 2:04 pm – 2:08 pm 638 - Comparing Civilian Firearm vs Non-Firearm Humeral Shaft Fractures
Bradley D. Wiekrykas, MD, Temple University Hospital
- 2:08 pm – 2:12 pm 615 - Clinical Outcomes of Lunocapitate Arthrodesis: A Dual-Site Retrospective Study
Ather A. Mirza, MD, Mirza Orthopedics
- 2:12 pm – 2:15 pm Discussion

OITE Orthopaedic Review Course

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

- 2:15 pm – 2:30 pm High Yield Hand and Wrist
Michael W. Kessler, MD, MedStar Georgetown University Hospital
- 2:30 pm – 2:45 pm High Yield Trauma
Lisa K. Cannada, MD, Jacksonville, FL
- 2:45 pm – 3:00 pm High Yield Sports Knee
Kevin D. Plancher, MD, MPH, Albert Einstein College of Medicine
- 3:00 pm – 3:15 pm High Yield Spine
Andrew H. Milby, MD, Emory University
- 3:15 pm – 3:30 pm Understanding Orthopaedic Employment Models
Michael P. Ast, MD, Hospital for Special Surgery
- 3:30 pm – 4:15 pm The First Year of Practice: What I Learned
Panel: *Michael P. Ast, MD, Hospital for Special Surgery*
Cynthia L. Emory, MD, MBA, Wake Forest University School of Medicine
Neil P. Sheth, MD, University of Pennsylvania
- 4:15 pm – 4:30 pm High Yield Sports Shoulder
Eric R. Wagner, MD, Emory University
- 4:30 pm – 4:45 pm High Yield Foot and Ankle
MaCalus V. Hogan, MD, University of Pittsburgh Medical Center
- 4:45 pm – 5:00 pm High Yield Hip and Knee Arthroplasty
Neil P. Sheth, MD, University of Pennsylvania

5:00 pm – 5:15 pm High Yield Tumor
Adam S. Levin, MD, Johns Hopkins University

5:15 pm – 5:30 pm Discussion

Concurrent Medical Student Symposia

Moderator: Lisa K. Cannada, MD, *Jacksonville, FL*

3:15 pm – 4:15 pm Transitioning Smoothly: Medical School to Orthopaedic Residency

Panel: Chairman's Perspective
Program Director's Perspective
Senior Residents' Perspective
Junior Residents' Perspective
Organization's Perspective (AAOS, ABOS, EOA,
Specialty Societies)