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**  
*Note: 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

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 in 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,
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
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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>10:48 am – 10:56 am</td>
<td>Severe Varus Deformity</td>
<td>Rafael J. Sierra, MD, Mayo Clinic</td>
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<td>10:56 am – 11:04 am</td>
<td>Severe Valgus Deformity</td>
<td>Neil Sheth, MD, University of Pennsylvania</td>
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<td>11:04 am – 11:12 am</td>
<td>Extra-Articular Deformities</td>
<td>S. Robert Rozbruch, MD, Hospital for Special Surgery</td>
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<td>11:12 am – 11:20 am</td>
<td>Case Presentation and Discussion</td>
<td>Geoffrey H. Westrich, MD, Hospital for Special Surgery</td>
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<td>11:20 am – 11:30 am</td>
<td>Discussion</td>
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<td>11:35 am – 12:05 pm</td>
<td>Focused Lunch Presentation</td>
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**Concurrent Symposium 1A – Hand and Wrist**

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

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<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>12:10 pm - 12:18 pm</td>
<td>Bridge Plating for Complex Distal Radius Fractures</td>
<td>Marc J. Richard, MD, Duke University</td>
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<td>12:18 pm – 12:26 pm</td>
<td>ORIF of the Complex Intra-Articular Distal Radius Fracture: Key Pearls</td>
<td>Eric T. Tolo MD, Lahey Health</td>
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<td>12:26 pm – 12:34 pm</td>
<td>Acute Scapholunate Ligament Tear: What is the State-of-the-Art Today?</td>
<td>Julie Adams, MD, Erlanger Orthopaedics</td>
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<td>12:34 pm – 12:42 pm</td>
<td>Darrach and Sauve-Kapandji: Are There Still Indications Today</td>
<td>George S. Dyer MD, Brigham and Women’s Hospital</td>
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<td>12:42 pm – 12:50 pm</td>
<td>Opioids and Upper Extremity Surgery: What is the Best Practice?</td>
<td>Alice A. Hunter, MD, Lahey Health</td>
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<td>12:50 pm – 12:58 pm</td>
<td>Basal Joint Arthritis 2020: LRTI – 35 Years Later</td>
<td>Michael W. Kessler, MD, Georgetown University Hospital</td>
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<td>12:58 pm – 1:06 pm</td>
<td>Cubital Tunnel Surgery 2020: Do We Really Know the Preferred Technique?</td>
<td>Phillip Blazer, MD, Brigham and Women’s Hospital</td>
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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
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
*Andrew Moon, MD, Tufts University School of Medicine*

3:09 pm – 3:13 pm  **EOEF Resident Travel Grant Award**
96 - A Clinical Calculator to Predict Survival in Elderly Spine Trauma Patients
*Catherine R. Carlile, MD, Vanderbilt University Medical Center*

3:13 pm – 3:17 pm  762 - Salvaging Magnetically Controlled Growing Rods does Increase Recurrent Infection Rate
*Krishna Vangipuram Suresh, BS, Johns Hopkins University*

3:17 pm – 3:20 pm  **Discussion**

3:20 pm – 3:24 pm  781 - The Diagnostic Utility of Biomarkers for Spinal Infection
*Francis J Sirch, BS, Rothman Orthopedic Institute*

3:24 pm – 3:28 pm  66 - Prospective Randomized Control Trial of Tranexamic Acid Infusion During Elective Spine Surgery, Preliminary Results
*Afshin A. Anoushiravani, MD, Albany Medical College*

3:28 pm – 3:32 pm  90 - Surgical Site Infection Risk Factors following Anterior Lumbar Interbody Fusion
*Safa C. Fassihi, MD, George Washington University*

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**
*Joshua A. Baumfeld, MD, Program Chair*

**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 Akpinar, 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
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>1:21 pm – 1:29 pm</td>
<td>Managing the Infected TSA</td>
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<td><strong>Joseph W. Galvin, DO, Joint Base Lewis McChord</strong></td>
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<td>1:29 pm – 1:37 pm</td>
<td>Dealing with the Biconcave Glenoid and How Much Retro Version is Acceptable</td>
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<td><strong>Theodore A. Blaine, MD, Hospital for Special Surgery</strong></td>
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<td>1:37 pm – 1:45 pm</td>
<td>Periprosthetic Fractures About a TSA Stem</td>
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<td><strong>Mark Lemos, MD, Beth Israel Lahey Health</strong></td>
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<td>1:45 pm – 1:53 pm</td>
<td>What Humeral Design is Best: Old-School Stem, Short Stem or Stemless?</td>
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<td><strong>Srinath Kamineni, MD, University of Kentucky</strong></td>
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<td>1:53 pm – 2:00 pm</td>
<td>Discussion</td>
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**Concurrent Session 4B – Patellofemoral Instability**  
**Moderator:** Cory M. Edgar, MD, *UConn Health*

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<th>Time</th>
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<tbody>
<tr>
<td>1:05 pm – 1:13 pm</td>
<td>Evaluation and Work-Up</td>
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<td><strong>Cory M. Edgar, MD, UConn Health</strong></td>
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<td>1:13 pm – 1:21 pm</td>
<td>First-Time Dislocator: When Should Surgery be Considered?</td>
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<td><strong>Miho J. Tanaka, MD, Massachusetts General Hospital</strong></td>
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<tr>
<td>1:21 pm – 1:29 pm</td>
<td>Isolated Soft Tissue Procedures: When and How?</td>
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<td><strong>Cassandra A. Lee, MD, University of California, Davis</strong></td>
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<tr>
<td>1:29 pm – 1:37 pm</td>
<td>Osteotomies: When and How?</td>
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<td><strong>Anil Ranawat, MD, Hospital for Special Surgery</strong></td>
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<tr>
<td>1:37 pm – 1:45 pm</td>
<td>Dealing with Chondral Lesions with Patellofemoral Instability</td>
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<td><strong>Christian Lattermann, MD, Brigham and Women’s Hospital</strong></td>
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<td>1:45 pm – 2:00 pm</td>
<td>Cases and Discussion</td>
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**Rapid Fire Session 4A – Total Joint Arthroplasty**  
**Moderators:** TBD

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<th>Time</th>
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<tr>
<td>2:05 pm – 2:09 pm</td>
<td>EOEF Adam J. Rana, MD Donor Grant</td>
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<td>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</td>
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<td><strong>Ran Schwarzkopf, MD, MSc, NYU Langone Health</strong></td>
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</table>
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*
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
*Jay L. Mottla, MD, Medstar Georgetown University Hospital*

2:17 pm – 2:20 pm Discussion

2:20 pm – 2:24 pm 299 - Preoperative Opioid Use and Two-Year Outcomes After Hand Surgery
*Cameran Burt, BS, University of Maryland*

2:24 pm – 2:28 pm 470 - Parallel K-wire Placement Leads to Fusion in Scaphoid Excision Four-Corner Fusion
*Sumail Bhogal, MD, University of Pittsburgh Medical Center*

2:28 pm – 2:32 pm 235 - Bleeding Disorders Increases Adverse Events Following Distal Radius Fracture Repair
*Theodore Quan, BS, George Washington University*

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**
*Joshua A. Baumfeld, MD, Program Chair*

**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?
*Josef K. Eichinger, MD, Medical University of South Carolina*

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*
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<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
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<tr>
<td>11:24 am – 11:28 am</td>
<td>314 - Precise Multiplanar Correction for MOWHTO Utilizing a CT-Based Patient-Specific System</td>
<td>Claire Eliasberg, MD, Hospital for Special Surgery</td>
</tr>
<tr>
<td>11:28 am – 11:32 am</td>
<td>330 - Implementation of an Injury Prevention Program in NCAA Division I Athletics Reduces Injury-Related Healthcare Costs</td>
<td>Ali S. Farooqi, BA, Perelman School of Medicine at the University of Pennsylvania</td>
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<td>11:32 am – 11:35 am</td>
<td>Discussion</td>
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**Rapid Fire Session 5B – Total Joint Arthroplasty**

**Moderators:** TBD

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