

**PAOrtho Tentative Scientific Program  
September 27-29, 2023  
Pittsburgh, PA**

**Wednesday, September 27**

**Physician Assistant/Nurse Practitioner Course**

9:30 am – 9:45 am	Welcome & Opening Remarks <i>Margaret Sims, PA-C, Magee Women's Health of UPMC</i>
9:45 am – 11:00 am	Regulatory Updates for PA and NPS <i>Susan Desantis, PA-C, Pennsylvania Society of Physician Assistants</i>
11:00 am – 12:00 pm	Panel Discussion – Orthopaedic Infections/Case Presentations
12:00 pm	Lunch Break
1:00 pm – 2:00 pm	The Limping Child <i>Christine M. Betancourt, PA-C, Shriners Children's Erie</i>
2:00 pm – 2:30 pm	TBD
2:30 pm – 3:00 pm	Break
3:00 pm – 4:00 pm	Same Day Total Joint Discharge Program <i>Margaret Sims, PA-C, Magee Women's Health of UPMC</i>
4:00 pm – 5:00 pm	Fragility Fractures: The Silver Tsunami <i>Jacqi Kernaghan, PA-C, Osteoporosis Center of Delaware County</i>
5:00 pm	Reception
<b>12:00 pm – 5:00 pm</b>	<b>Board of Directors Meeting</b>
<b>12:00 pm – 5:00 pm</b>	<b>Meeting Registration</b>
<b>3:30 pm – 6:30 pm</b>	<b>Exhibitor Setup</b>
<b>6:30 pm – 9:00 pm</b>	<b>Welcome Reception</b>

## **Thursday, September 28**

- 6:30 am – 5:00 pm Meeting Registration
- 6:30 am – 7:00 am **Scientific E-Poster Session**
- 7:00 am – 7:05 am **Welcome and Opening Remarks**  
*Matthew Garner, MD, Program Chair*
- 7:05 am – 7:20 am **General Session 1 – AAOS Update**  
*\* CME Credit Not Available*
- 7:20 am – 7:50 am ***FOCUSED BREAKFAST INDUSTRY PRESENTATION***  
*\*CME Credit Not Available*
- Rapid Fire Sessions 1A – Arthroplasty 1**  
**Moderators: TBD**
- 7:55 am – 7:59 am 143 - Unplanned Patient Contact After Total Joint Arthroplasty: Communication Methods and Frequency within the 30-Day Post-Operative Period  
*Yagiz Ozdag, MD, Geisinger MSKI Department of Orthopaedic Surgery*
- 7:59 am – 8:03 am 38 - Return to Sport after Unicompartmental Knee Arthroplasty and Patellofemoral Arthroplasty  
*Nicholas F. Cozzarelli, BS, Rothman Orthopaedic Institute*
- 8:03 am – 8:07 am 66 - Utilization of Telehealth to Evaluate Revision Total Joint Arthroplasty Patients  
*Tia Alexander, DO, Jefferson Health New Jersey*
- 8:07 am – 8:11 am 90 - True Smoking Status During Total Joint Arthroplasty  
*Brandon Kim, BS, Temple University Hospital*
- 8:11 am – 8:17 am Discussion
- 8:17 am – 8:21 am 71 - Forgotten Joint Scores and Noise Improve with Time Following TKA  
*Nicholas F. Cozzarelli, BS, Rothman Orthopaedic Institute*
- 8:21 am – 8:25 am 128 - Serum Fructosamine, a Cost-Effective Alternative to HbA1c in TJA  
*Samantha Olson, BSPenn, State College of Medicine*

8:25 am – 8:29 am 59 - No-Showing" Appointments Prior to Total Knee Arthroplasty Increases Infection Risk  
*Jeffrey S. Mun, BA, Geisinger Commonwealth School of Medicine*

8:29 am – 8:33 am 118 -Performance of Cementless Hip Arthroplasty Stem Components by Type Based on Consolidated Large Registry Data  
*Matthew Gong, MD, University of Pittsburgh Medical Center*

8:33 am – 8:40 am Discussion

### **Rapid Fire Sessions 1B – Sports Medicine**

**Moderators:** TBD

7:55 am – 7:59 am 43 - Preoperative Antidepressant Prescriptions May Influence Primary ACL Reconstruction Outcomes  
*Natalie K. Pahapill, BS, Penn State College of Medicine*

7:59 am – 8:03 am 108 - Outcomes of Bone-Patellar Tendon-Bone and Quadriceps-Tendon Autograft ACL-Reconstruction in Female Soccer Players  
*Zachary Herman, MD, University of Pittsburgh Medical Center*

8:03 am – 8:07 am 122 - Quadriceps Tendon and Bone-Patellar-Tendon-Bone Autograft ACL Reconstructions have Similar Post-Operative Quadriceps Limb Symmetry Index  
*Zachary Herman, MD, University of Pittsburgh Medical Center*

8:07 am – 8:11 am 103 - Trends in ACL Reconstruction: A Survey of the Herodicus Society  
*Michael A. Fox, MD, University of Pittsburgh*

8:11 am – 8:17 am Discussion

8:17 am – 8:21 am 50 - Opioid-Related Disorders and Medical Resource Utilization after Primary Hip Arthroscopy  
*Peter Monahan, BS, Penn State College of Medicine*

8:21 am – 8:25 am 5 - Preoperative MRI Underestimates Shoulder Labral Injuries Compared with Diagnostic Arthroscopy  
*Michael A. Fox, MD, University of Pittsburgh*

8:25 am – 8:29 am 70 - Calf Strains in the NFL: Demographics, RTP, Performance Analysis, and Injury Reoccurrence  
*William Zofkie, Penn State College of Medicine*

8:29 am – 8:33 am 86 - Shoulder Injury Incidence and Epidemiology in Youth, High School, and Collegiate Softball Players: A Systematic Review  
*Matthew Como, BS, University of Pittsburgh School of Medicine*

8:33 am – 8:40 am Discussion

### **Rapid Fire Sessions 1C – Foot and Ankle**

**Moderators:** TBD

7:55 am – 7:59 am 55 - Differences in Intraoperative Fluoroscopic Radiation Exposure during Ankle Fracture ORIF between Orthopaedic Surgery and Podiatry  
*Monica DiFiori, MD, Temple University Hospital*

7:59 am – 8:03 am 40 - Stronger 3-T MRI Magnets, Accuracy for Detecting Ankle Lesions Unimproved  
*Kirsten N. Mansfield, MPH, BA, Pennsylvania State University College of Medicine*

8:03 am – 8:07 am 63 - The Risk of Noise-Induced Hearing Loss for Orthopaedic Foot and Ankle Surgeons  
*Adam Kohring, DO, Jefferson Health New Jersey*

8:07 am – 8:11 am 41 - Can Social Determinants of Health Predict Mortality in Charcot Patients?  
*Mahad Muhammad, BS, Pennsylvania State University College of Medicine*  
*\*Presented by Nicole Fye, BS*

8:11 am – 8:17 am Discussion

8:17 am – 8:21 am 45 - Quantifying Metabolic and Neurologic Changes in Charcot Arthropathy Murine Models  
*Indigo Milne, Penn State College of Medicine*

8:21 am – 8:25 am 44 - Altered Gait in Charcot Neuropathic Mice- A Kinematic Analysis  
*Shelby Alwine, BS, Penn State College of Medicine*

8:25 am – 8:29 am 83 - Outcomes of Ultrasound-Guided Corticosteroid Injections for Peroneal Tendinopathies  
*Vipul Bhat, BS, Cooper Medical School of Rowan University*

- 8:29 am – 8:33 am 137 - Trends in Public Interest of Total Ankle Replacement, Arthrodesis and Arthritis in the United States and United Kingdom  
*Confidence Njoku-Austin, BA, University of Pittsburgh Medical Center*
- 8:33 am – 8:40 am Discussion
- 8:40 am – 9:00 am ***BREAK—Please visit Exhibits***

### **SYMPOSIUM 1 – New Technologies in Arthroplasty and Spine**

**Moderator:** Tyson P. Maugle, DO, *Orthopedic Institute of Pennsylvania*

- 9:00 am – 10:00 am *Nathan Angerett, DO, Orthopedic Institute of Pennsylvania*  
*Tyson P. Maugle, DO, Orthopedic Institute of Pennsylvania*  
*Jerry E. Robinson, MD, UPMC Central PA*

### **SYMPOSIUM 2 – Emerging Concepts in ACL Reconstruction**

**Moderator:** Robert A. Gallo, MD, *Penn State Health*

- 10:00 am – 10:12 am When Should I Perform LET of ALL Reconstructions?  
*Volker Mushal, MD, UPMC*
- 10:12 am – 10:24 am Role of Osteotomy in ACL Reconstruction  
*Justin Arner, MD, Burke & Bradley Orthopedics*
- 10:24 am – 10:36 am Is Quadriceps Tension Autograft the new Gold Standard for ACL Reconstruction?  
*Bryson P. Lesniak, MD, UPMC*
- 10:36 am – 10:48 am Should I Augment ACL Reconstruction with Internal Bracing?  
*Sam Akhavan, MD, Allegheny Health Network*
- 10:48 am – 11:00 am Discussion
- 11:00 am – 11:20 am ***BREAK—Please visit Exhibits***

### **SYMPOSIUM 3 – Options for Segmental Bone Loss—What is Best for My Patient?**

**Moderators:** J. Spence Reid, MD, *Penn State Health*  
Edward R. Westrick, MD, *Allegheny Health Network*

- 11:20 am – 12:20 pm *J. Spence Reid, MD, Penn State Health*  
*Edward R. Westrick, MD, Allegheny Health Network*

12:20 pm – 1:00 pm            **Lunch – Legislative Speakers/Awards/PA Ortho Business Meeting**  
\*CME Credit Not Available

**SYMPOSIUM 4 – Orthopaedic Specialty Services—Who and When to Call**

**Moderator:** Lauren N. Zeitlinger, DO, *UPMC in Central PA*

1:00 pm – 2:00 pm            *Lauren N. Zeitlinger, DO, UPMC in Central PA*  
*Joseph L. Petfield, MD, PennState Health*  
*Gele B. Moloney, MD, UPMC*  
*Kurt R. Weiss, MD, UPMC*

**SYMPOSIUM 5 – The Business of Orthopaedics, Part 1 – ASC Total Joints, All that Glitters is Gold**

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

2:00 pm – 2:12 pm            Transitioning Orthopaedic Practice to an Out-Patient Setting  
*Brett C. Perricelli, MD, South Hills Orthopaedic*

2:12 pm – 2:24 pm            The OG – How I started and Where It’s Going  
*Christopher McClellan, DO, University Orthopedics Center*

2:24 pm – 2:36 pm            Outpatient Joints in a Hospital – “But we haven’t done that before”  
*Brian A. Klatt, MD, UPMC*

2:36 pm – 2:48 pm            Ambulatory Surgery Centers – All that glitter is gold....or not  
Arjun Saxena, MD, *Rothman Orthopaedic Institute*

2:48 pm – 3:00 pm            Discussion

3:00 pm – 3:20 pm            **BREAK—Please visit Exhibits**

**SYMPOSIUM 6 – Thriving in Modern Medicine: The Surgeon’s Perspective**

**Moderator:** Matthew Garner, MD, *UPMC Central PA*

3:20 pm – 4:20 pm            *Matthew Garner, MD, UPMC Central PA*  
*Michael C. Aynardi, MD, PennState Health*  
*Arjun Saxena, MD, Rothman Orthopaedic Institute*  
*Heather Vallier, MD, Case Western Reserve University*

**SYMPOSIUM 7 - Keynote Speaker: “Optimizing Recovery After Trauma”**

4:20 pm – 5:20 pm            **Optimizing Recovery After Trauma**  
*Heather Vallier, MD, Case Western Reserve University*

5:30 pm – 6:30 pm                    **Happy Hour in Exhibit Hall**

**Friday , September 29**

6:30 am – 5:00 pm                    Meeting Registration

6:30 am – 6:55 am                    **Scientific E-Poster Session**

6:55 am – 7:00 am                    **Announcements**

**SYMPOSIUM 8 – The Business of Orthopaedics Part 2 - Finances for the Early Career Physicians - Stuff Nobody Teaches You**

**Moderator:** Gary F. Updegrave, MD, *Penn State Health*  
\*CME Credit Not Available

7:00 am – 7:15 am                    Introduction, Starting your Plan, Loan Forgiveness  
*Gary F. Updegrave, MD, Penn State Health*

7:15 am – 7:30 am                    Luttner Financial: Protection Nuts and Bolts: What you need to  
Have and Understand: Disability, Auto, Umbrella,  
Homeowners/Renters, Wills & Estate Planning  
*Ronald Gestiehr, CExp, Luttner Financial*

7:30 am – 7:45 am                    Investing and Wealth Creation  
*Arjun Saxena, MD, Rothman Orthopaedic Institute*

8:00 am – 8:30 am                    **FOCUSED BREAKFAST INDUSTRY PRESENTATION**  
\*CME Credit Not Available

**Rapid Fire Sessions 2A – Trauma**

**Moderators:** TBD

8:30 am – 8:34 am                    142 - The 10-Year Experience of an Integrated Geriatric Hip  
Fracture Treatment Program: Outcomes at a Minimum 2-Year  
Follow-Up  
*Anna Hayward, MD, Geisinger*

8:34 am – 8:38 am                    95 - Preinjury Opiate Use Increases Infection Following Nailing of  
Tibia Fractures  
*Audrey Chang, BA, University of Pittsburgh Medical Center*

8:38 am – 8:42 am                    125 - Dual-Plate Fixation of Midshaft Clavicle Fractures Reduces  
Reoperation Risk Compared to Single-plate Fixation  
*Rajiv P. Reddy, BS, University of Pittsburgh School of Medicine*

- 8:42 am – 8:46 am 94 - Preinjury Opiate Use Increases Resource Utilization Following Tibia Fracture  
*Audrey Chang, BA, University of Pittsburgh Medical Center*
- 8:46 am – 8:52 am Discussion
- 8:52 am – 8:56 am 79 - Cadaveric Fibular Rush Rod Fixation: Threaded Screw Versus Smooth Pin  
*Tommy Pan, MD, Allegheny General Hospital*
- 8:56 am – 9:00 am 67 - Effect of Native Acetabular Anteversion on Associated Injuries During Traumatic Hip Dislocation  
*James Murphy, MD, Geisinger Commonwealth School of Medicine*
- 9:00 am – 9:04 am 72 - Comparison of the Femoral Neck System and Three-Cannulated-Screw Fixation in Treating Femoral Neck Fractures  
*Devyn Russo, BS, Cooper University Hospital*
- 9:04 am – 9:08 am 111 - Retrograde Intramedullary Nail Versus ORIF for Open Distal Femur Fractures  
*Annika Chang, University of Pittsburgh School of Medicine*
- 9:08 am – 9:15 am Discussion

### **Rapid Fire Sessions 2B – Shoulder and Elbow**

**Moderators:** TBD

- 8:30 am – 8:34 am 62 - Prosthesis Design and Surgical Technique Impact In-Vivo Contact Patterns After Reverse Shoulder Arthroplasty During Abduction  
*Gillian Kane, BS, University of Pittsburgh School of Medicine*
- 8:34 am – 8:38 am 58 - Supraspinatus Cord and Strap Tears Can be Treated Conservatively: A Biomechanical Study  
*Christopher C. Schmidt, MD, University of Pittsburgh Medical Center*
- 8:38 am – 8:42 am 119 - Inferior Hill-Sachs Extension Associated with Recurrent Instability  
*Ting Cong, MD, University of Pittsburgh Medical Center*
- 8:42 am – 8:46 am 132 - Patients with GLAD Lesions Present with Worse Postoperative External Rotation than those Without in the Setting of First-Time Anterior Instability



*Confidence Njoku-Austin, BA, University of Pittsburgh Medical Center*

- 8:46 am – 8:52 am Discussion
- 8:52 am – 8:56 am 24 - Effects of Socioeconomic Burden on Opioid Use Following Total Shoulder Arthroplasty  
*Dominic M. Farronato, BS, Sidney Kimmel Medical College at Thomas Jefferson University*
- 8:56 am – 9:00 am 100 - Re-Tear Following Rotator Cuff Repair: Do Functional Outcomes Predict Success?  
*Timothy Maurer, DO, University of Pittsburgh Medical Center*
- 9:00 am – 9:04 am 9 - Risk of Noise-Induced Hearing Loss for Orthopaedic Shoulder and Elbow Surgeons  
*William T. DiCiurcio, DO, Jefferson Health New Jersey*
- 9:04 am – 9:08 am 61 - Loop ‘N’ Tack Intra-Articular Biceps Tenodesis Technique: A Multi-Center Retrospective Case Series of Clinical and Patient Reported Outcomes  
*Jonathan Acosta, MD, Allegheny Health Network*
- 9:08 am – 9:15 am Discussion

**Rapid Fire Sessions 2C – Hand and Wrist**

**Moderators:** TBD

- 8:30 am – 8:34 am 140 - Perioperative Antibiotics in Hand Surgery and Rates of Prosthetic Joint Infection  
*Kelsey Young, MD, University of Pennsylvania*
- 8:34 am – 8:38 am 112 - Ulnar Shortening Osteotomy is Associated with Higher Likelihood of Undergoing Secondary Wrist Surgery within Two Years  
*Mitchell Hallman, MD, University of Pennsylvania*
- 8:38 am – 8:42 am 49 - Postoperative Outcomes of Cannabis Use on Open Carpal Tunnel Release  
*Peter Monahan, BS, Penn State College of Medicine*
- 8:42 am – 8:46 am 52 - Postoperative Outcomes of Metacarpal Shaft Fractures Treated by Open Reduction Internal Fixation or Intramedullary Screw Fixation

*Johnlevi Lazaro, DO, Jefferson Health New Jersey*

- 8:46 am – 8:52 am Discussion
- 8:52 am – 8:56 am 82 - Capito-Lunate Versus Four-Corner Fusion for Mid Carpal Arthrosis  
*Etka Kurucan, MD, Temple University Hospital*
- 8:56 am – 9:00 am 32 - Radial Head Arthroplasty for Fracture: Implant Survivorship and Outcomes at 8 to 10 Year Follow-Up  
*Benjamin Campbell, MD, Rothman Orthopaedic Institute*
- 9:00 am – 9:04 am 109 - Scaphoid Excision Four-Bone Arthrodesis Techniques' Impact on Postoperative ROM  
*Oluleke Falade, BS, University of Pittsburgh Medical Center*
- 9:04 am – 9:08 am 53 - Postoperative Outcomes of Metacarpal Neck Fractures Treated with Intramedullary Screw Fixation or Percutaneous Pinning  
*Johnlevi Lazaro, DO, Jefferson Health New Jersey*
- 9:08 am – 9:15 am Discussion
- 9:15 am – 9:35 am ***BREAK—Please visit Exhibits***
- SYMPOSIUM 9 – Opioid Symposium Part 1— Surgical Strategies for Limb Necrosis from Injected Opioids**  
**Moderator:** Asif M. Ilyas, MD, *Rothman Orthopaedic Institute*
- 9:35 am - 9:45am Limb Necrosis in People Who Inject Drugs: the Temple Experience  
*Melissa Soderquist, MD, Temple University*
- 9:45 am - 9:55 am Understanding the Effects of Xylazine (“tranq”) to the Soft Tissues  
*Asif M. Ilyas, MD, Rothman Orthopaedic Institute*
- 9:55 am -10:05 am Surgical Strategies to Manage Limb Necrosis from Drug Injections  
*Mark Solarz, MD, Temple University*
- 10:05 am – 11:15 am Ethical Challenge of Limb Salvage in Untreated Addiction  
*Stephen Liu, MD, University of Pennsylvania*
- 10:15 am – 11:35 am Case Discussions

**Rapid Fire Sessions 3A – Arthroplasty 2**

**Moderators:**

- 10:35 am – 10:39 am 33 - Does Antibiotic Laden Bone Cement Reduce Acute Periprosthetic Joint Infection?  
*Blake Nourie, MD, Albany Medical Center*
- 10:39 am – 10:43 am 36 - Joint Line Change in Robotic-Assisted Versus Conventional Total Knee Arthroplasty  
*Nicholas F. Cozzarelli, BS, Rothman Orthopaedic Institute*
- 10:43 am – 10:47 am 46 - Receiving-Hemodialysis More-than 12-hour before TJA has More Benefits in ESRD-Patients  
*Farideh Najafi, MD, Rothman Orthopaedic Institute*
- 10:47 am – 10:51 am 8 - Characterizing Bone Loss in Two-Stage Revision TKA for Infection  
*Farideh Najafi, MD, Rothman Orthopaedic Institute*
- 10:51 am – 10:55 am Discussion
- 10:55 am – 10:59 am 13 - Undergoing Meniscectomy Within One Year Before TKA has Worse Outcomes  
*Irfan A. Khan, MD, ATC, Louisiana State University Health Sciences Center*
- 10:59 am – 11:03 am 116 - Validation of a Mobile Phone Application for Measuring Knee Range of Motion  
*Matthew Gong, MD, University of Pittsburgh Medical Center*
- 11:03 am – 11:07 am 117 - Comparison of Revision Rates Between Cones Versus Sleeves in Revision Total Knee Arthroplasty  
*Matthew Gong, MD, University of Pittsburgh Medical Center*
- 11:07 am – 11:11 am 6 - Patients Requiring THA and LSF Have Lower Hip Functional Outcomes  
*Irfan A. Khan, MD, ATC, Louisiana State University Health Sciences Center*
- 11:11 am – 11:15 am Discussion

**Rapid Fire Sessions 3B – Spine**

**Moderators:**

10:35 am – 10:39 am	11 - Early Postoperative Diet Liberalization Following Anterior Lumbar Surgery <i>Matthew Meade, DO, Rowan University School of Osteopathic Medicine</i>
10:39 am – 10:43 am	68 - Hounsfield Unit Thresholds as a Predictor of Subsidence Following LIF <i>Frank L. Vazquez, BSAT, Geisinger Commonwealth School of Medicine</i>
10:43 am – 10:47 am	21 - Kyphoplasty Versus Vertebroplasty in Patients with Metastatic Spinal Disease <i>Elizabeth Kogan, BA, Lewis Katz School of Medicine at Temple University</i>
10:47 am – 10:51 am	10 - The Effects of Unexpected Billing in Spine Surgery <i>Matthew Meade, DO, Rowan University School of Osteopathic Medicine</i>
10:51 am – 10:55 am	Discussion
10:55 am – 10:59 am	99 - Radiographic Robustness of Lumbar Interbody Fusion Techniques <i>Alice Bouchard, BS, MS, Geisinger Commonwealth School of Medicine</i>
10:59 am – 11:03 am	101 - Adverse Events Associated the Barricaid Annular Closure Device: An Analysis of the FDA MAUDE Database <i>Jacob Staub, BS, Penn State College of Medicine</i>
11:03 am – 11:07 am	107 - Single-Position Lateral Lumbar Fusion: Comparing Prone vs. Lateral Approach <i>Shaaan D. Sadhwani, DO, University of Pittsburgh Medical Center</i>
11:07 am – 11:11 am	98 - Trifecta: Patients with Lumbar Fusion, Spinal Cord Stimulators, & Sacroiliac Fusion <i>Akhil Sharma, MD, St. Luke's University Health Network</i>
11:11 am – 11:15 am	Discussion

**Rapid Fire Sessions 3C – Pediatric/Practice Management/Other Moderators:**

- 10:35 am – 10:39 am 96 - VTE and Bleeding Events in Upper Extremity Orthopedic Surgery  
*Nicholas Bertha, MD, Penn State Health Milton S. Hershey Medical Center*
- 10:39 am – 10:43 am 22 - Remote Monitoring After Same-Day Total Joint Arthroplasty Reduces Hospital Readmissions  
*Michael J. DeRogatis, MD, MS, St. Luke's University Hospital*
- 10:43 am – 10:47 am 120 - Association Between Opioid-Related Mortality Rates and Recreational Cannabis Legalization in Ten US States  
*Santiago Rengifo, MS, Rothman Orthopaedic Institute*
- 10:47 am – 10:51 am 129 - Social Media and the Match  
*Andrew J. Rothka, Penn State College of Medicine*
- 10:51 am – 10:55 am Discussion
- 10:55 am – 10:59 am 42 - MRI is Essential in Pediatric Acetabulum Fractures: Three Representative Cases  
*Shaaan D. Sadhwani, DO, University of Pittsburgh Medical Center*
- 10:59 am – 11:03 am 110 - Survey of Patient Interest in Topical Cannabidiol for Arthritis-Related Pain  
*Samantha N. Weiss, MD, St. Luke's University Health Network*
- 11:03 am – 11:07 am 74 - Opioid-Related Deaths in the Appalachian Region in 2018-2021 by State and Rural-Urban County Classification  
*Santiago Rengifo, MS, Rothman Orthopaedic Institute*
- 11:07 am – 11:11 am 127 - COVID-19 Effects on Pediatric Orthopaedic Fellowship Case Volumes  
*Hannah H. Nam, BA, Penn State Hershey College of Medicine*
- 11:11 am – 11:15 am Discussion

**SYMPOSIUM 10 – Opioid Symposium Part 2—Medical Cannabis**

**Moderator:** Asif M. Ilyas, MD, *Rothman Orthopaedic Institute*

- 11:20 am – 11:30 am Medical Cannabis: From Policy to Practice, What Have We Learned?  
*Asif M. Ilyas, MD, Rothman Orthopaedic Institute*

11:30 am – 12:15 pm

Medical Cannabis: Legislative Policy Panel  
Speaker: Legislator TBD#1  
Speaker: Legislator TBD#2

12:15 pm

**Meeting Adjourned**