

**Southern Orthopaedic Association  
Scientific Program  
Banyan 1  
Marco Island, FL  
July 24<sup>th</sup> – 26<sup>th</sup>, 2025**

**Thursday, July 24<sup>th</sup>**

6:00 am – 7:00 am	<b>Scientific E-Poster Session</b> (Presenters are available to answer questions) <i>(Seagrape 1, Seagrape 2, Bald Eagle Boardroom, Seagrape 3 &amp; Seagrape 4)</i>
6:45 am – 6:55 am	<b>First Business Meeting</b> <i>Christopher A. Heck, MD, Southlake Orthopaedics</i>
6:55 am – 7:00 am	<b>Welcome, Announcements and Overview</b> <i>Christopher A. Heck, MD, Southlake Orthopaedics</i> <i>R. Carter Cassidy, MD, University of Kentucky</i>
<b>Breakout Session 1A – Foot and Ankle</b> <i>(Seagrape 1)</i> Moderator: David A. Hamilton, MD, <i>Kentucky Bone and Joint Surgeons</i>	
7:05 am – 7:09 am	385 - Patient Regret following Corrective Surgery for Hallux Valgus <i>Daniel J. Scott, MBA, MD, Medical University of South Carolina</i> <i>*Presented by Joshua L. Morningstar, BS</i>
7:09 am – 7:13 am	376 - Lateral Ankle Ligaments: An Insight into Their Functional Anatomy, Variations, and Surgical Importance <i>Ajay Panda, MPH, University of Texas Medical Branch</i>
7:13 am – 7:17 am	229 - Assessment of Socioeconomic Status and Preoperative Well-Being among Patients Presenting with Ankle Fractures <i>Tyler N. Kelly, MD, University of Alabama at Birmingham</i> <i>*Presented by LaMiah Hall, BS, MPH</i>
7:17 am – 7:22 am	Discussion
7:22 am – 7:26 am	214 - Operative Techniques for Challenging Subtalar Osteochondral Lesions: A Case Series

*Megan Sardis, University of Miami Miller School of Medicine*

*\*Presented by Gabrielle M. Meli, BS*

7:26 am – 7:30 am

363 - Effect of Kidney Function on Outcomes following Ankle Fracture ORIF

*Kola D. George, MD, MPH, Medical University of South Carolina*

*\*Presented by Paul J. Pottanat, MD*

7:30 am – 7:35 am

Discussion

**Breakout Session 1B – Hand and Upper Extremity (Seagrape 2)**

Moderator: Amanda Dempsey, MD, Emory University

7:05 am – 7:09 am

60 - 2nd Metacarpal Cortical Index Correctly Predicts Osteoporosis

*Arman Tabarestani, BS, University of Florida*

*\*Presented by Robert J. Cueto, MD*

7:09 am – 7:13 am

175 - No Increased Fracture Risk with Upper Extremity Corticosteroid Injections

*Edward L. Major, BS, University of Kentucky College of Medicine*

7:13 am – 7:17 am

230 - Dorsal Wrist-Spanning Plating in the Elderly Population

*Jason Eckels, MD, University of Arkansas for Medical Sciences*

7:17 am – 7:20 am

Discussion

7:20 am – 7:24 am

67 - Extensor Retinaculum Capsulorrhaphy and Suture Anchor Repair for Ulnocarpal Instability

*Nicholas I. Pilla, MD, Baptist Health South Florida/Florida International University*

*\*Presented by Fady G. Attalla, BS*

7:24 am – 7:28 am

269 - Finkelstein and WHAT Tests: Assessing Pain in De Quervain Tend

*David M. Sylvester, BS, Rothman Orthopaedics Florida at AdventHealth*

7:28 am – 7:32 am

107- Hand Surgery Fellowship Female Representation Improved, Racial Minority Has Not

*Paul J. Pottanat, MD, Medical University of South Carolina*

7:32 am – 7:35 am

Discussion

**Breakout Session 1C – Pediatrics** (*Bald Eagle Boardroom*)

Moderators: Stephanie Ihnow, MD, *University of Florida*  
Jessica L. McQuerry, MD, *University of Florida*

7:05 am – 7:09 am

78 - Socioeconomic Risk Factors for Delayed Presentation in Adolescent Idiopathic Scoliosis

*Lindsay Crawford, MD, University of Texas Health*

7:09 am – 7:13 am

79 - Comparison of Correction Obtained Using Various Rod Constructs in PSIF for AIS

*Lindsay Crawford, MD, University of Texas Health*

*\*Presented by Gabrielle Rogie, BSE*

7:13 am – 7:17 am

227 - Complications Associated with Type III Open Fractures with Segmental Bone Defects in the Pediatric Population

*Catalina Baez, MD, University of Florida*

7:17 am – 7:20 am

Discussion

7:20 am – 7:24 am

242 - The Inverse Relationship between Leptin and Vitamin D in SCFE

*Logan Locascio, BS, Vanderbilt University School of Medicine*

*\*Presented by August Kim Can*

7:24 am – 7:28 am

170 - Leukemic Arthritis Mimicking Septic Arthritis in a Pediatric Patient

*Alyssa Barré, MD, University of Kentucky*

*\*Presented by Daniel S. Hayes, MD*

7:28 am – 7:32 am

117 - Predictors of Vitamin D Deficiency in a Pediatric Orthopaedic Operative Cohort in South Carolina

*Justin E. Kung, MD, Prisma Health - Midlands / University of South Carolina School of Medicine*

7:32 am – 7:35 am

Discussion

**Breakout Session 1D – Practice Management** (*Seagrape 3*)

Moderator: R. Carter Cassidy, *University of Kentucky*

7:05 am – 7:09 am                      160 - An Updated Workforce Analysis of Certified Hand Therapists in the United States  
*Trevor Wolterink, MD, Medical University of South Carolina*

7:09 am – 7:13 am                      12 - Treatment of Orthopaedic Medicaid Patients in Louisiana: A Survey Study  
*Christopher Bloise, MD, LSU Orthopaedic Residency Program*

7:13 am – 7:20 am                      Discussion

7:20 am – 7:24 am                      33 - Accuracy of Orthopaedic Surgeons vs. Epic in Predicting Operative Times  
*Brody Fitzpatrick, MD, West Virginia University*

7:24 am – 7:28 am                      137 - Analysis of Orthopaedic Surgeons' Political Contributions in 2024 Election Cycle  
*Nigam Sheth, BS, MPH, Medical University of South Carolina*

7:28 am – 7:35 am                      Discussion

**Breakout Session 1E – Spine (Seagrape 4)**

Moderators:    Mark T. Barron, MD, *Hattiesburg Clinic*  
                      Greg Grabowski, MD, *Prisma Health/University of South Carolina School of Medicine*

7:05 am – 7:09 am                      253 - Paid in Bone: The Hidden Cost of Electrocautery in Spinal Fusion  
*Duby Okonkwo, BS, Vanderbilt School of Medicine*

7:09 am – 7:13 am                      **Christopher A. Heck, MD Travel Grant Award**  
118 - Effect of a Dedicated Spine Operating Room on Weekend and After-Hour Operating Room Usage at a Level 1 Trauma Center  
*Justin E. Kung, MD, Prisma Health - Midlands / University of South Carolina School of Medicine*

7:13 am – 7:17 am                      352 - Posterior Cervical Fusion With or Without Crossing the Cervicothoracic Junction: An Umbrella Review  
*Chase Walton, MS, Medical University of South Carolina*

7:17 am – 7:20 am                      Discussion

7:20 am – 7:24 am	77 - ALIF and Expandable - TLIF Achieve Similar Lordosis and Disc Height at L5-S1 <i>Jackson Byrd, MS, University of Alabama at Birmingham</i>
7:24 am – 7:28 am	100 - Risk Factors for C5 Palsy after Posterior Cervical Laminectomy <i>Rahul Sharma, BSA, UT Southwestern Medical Center</i> <i>*Presented by Brooke Brady, BS, BA</i>
7:28 am – 7:32 am	395 - Advances in Detecting Changes in Intervertebral Discs via Microindentation <i>Kaan Sevgi, BS, Kansas City University of Medicine &amp; Biosciences</i>
7:32 am – 7:35 am	Discussion
7:45 am – 8:05 am	<b>Focused Breakfast Presentation - DT MedSurg</b> <i>*CME credit not available</i>
<b>8:15 am – 8:35 am</b>	<b><i>Break – Please visit exhibits (Banyan 2 &amp; 3)</i></b>
<b>Symposium 1 – Controversies in Hip and Knee Reconstruction</b> Moderator: Stephen T. Duncan, MD, <i>University of Kentucky</i>	
8:35 am – 8:45 am	DA is the Best Approach for THA: For and Against <i>Courtney Bell, MD, Orthopedic Center of Florida</i> vs. <i>Brian T. Muffly, MD, Emory University</i>
8:45 am – 8:55 am	UKA: Push the Indications vs. TKA All the Way <i>Stephen T. Duncan, MD, University of Kentucky</i> vs. <i>Molly A. Hartzler, MD, Atrium Health Wake Forest Baptist</i>
8:55 am – 9:05 am	Fixation in TKA: Uncemented for Most vs. Cement Them All <i>James A. Browne, MD, University of Virginia</i> vs. <i>Cameron K. Ledford, MD, Mayo Clinic Florida</i>
9:05 am – 9:15 am	Distal Femur Fracture: ORIF vs. Distal Femur Replacement <i>Elizabeth Jacobs, MD, Orlando Health</i> vs. <i>David C. Landy, MD, PhD, OrthoVirginia</i>
9:15 am – 9:35 am	Questions / Discussion

## RESIDENT AWARD SESSION

Moderator: R. Carter Cassidy, *University of Kentucky*

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|---------------------|---|
| 9:35 am – 9:41 am   | <b>SOA Presidents' Resident Award Winner</b><br>202 - ORIF vs. Primary Subtalar Arthrodesis for Displaced Intraarticular Calcaneal Fractures<br><i>Ainsley K. Bloomer, MD, Atrium Health Musculoskeletal Institute</i>                                    |
| 9:41 am – 9:47 am   | <b>Harley &amp; Betty Baxter Resident Award Winner</b><br>66 - Timing of Failure of Two-Stage Exchange Arthroplasty<br><i>Evan M. Dugdale, MD, OrthoCarolina</i>  |
| 9:47 am – 9:53 am   | <b>Harley &amp; Betty Baxter Resident Award Winner</b><br>319 - The Relationship Between Medial Longitudinal Arch Height and ACL Injury<br><i>Miraj N. Desai, MD, Prisma Health/University of South Carolina - Columbia</i>                               |
| 9:53 am – 9:59 am   | <b>SOA/OREF Resident Award Winner</b><br>46 - Anatomic vs. Reverse Total Shoulder Arthroplasty For Primary Osteoarthritis with an Intact Rotator Cuff in Patients with No Glenoid Deformity<br><i>Kevin J. Hao, MD, University of Florida</i>             |
| 9:59 am – 10:05 am  | <b>SOA/OREF Resident Award Winner</b><br>325 - Evaluation of New Normal after Shoulder Arthroplasty<br><i>Albert D. Mousad, MD, Geisinger Musculoskeletal Institute</i>   |
| 10:05 am – 10:11 am | <b>SOA/OREF Resident Award Winner</b><br>112 - Debridement and Implant Retention for Late Acute Hematogenous Prosthetic Joint Infections<br><i>Calvin Chandler, MD, MBA, OrthoCarolina</i>  |
| 10:11 am – 10:18 am | Discussion  |
| 10:18 am – 10:24 am | <b>Cynthia L. Lichtefeld Resident Travel Grant Award Winner</b><br>7 - Does Maintaining External Fixators During Definitive Fixation of Bicondylar Tibial Plateau Fractures Improve Fracture Alignment at the Expense of Increasing Deep Infection Rates? |

*John Mickley, MD, University of Florida-Jacksonville*

10:24 am – 10:30 am

**Harley & Betty Baxter Resident Travel Grant Award Winner**

9 - Neutrophil-Lymphocyte Ratio as a Predictor of Fracture-Related Infections

*Hans E. Lapica, MD, UM/HCA JFK Hospital Orthopedic Residency Program*

10:30 am – 10:36 am

**SOA Resident Travel Grant Award Winner**

43 - Surgical and Microbiological Characteristics Associated with Reoperation to Promote Bone Healing After Fracture-Related Infection Diagnosis

*Doriann M. Alcaide Amador, MD, University of Alabama at Birmingham*

10:36 am – 10:42 am

**SOA Resident Travel Grant Award Winner**

8 - Dual Mobility vs. Conventional THA for Femoral Neck Fracture

*Akshay Daji, MD, University of Miami*

10:42 am – 10:48 am

**SOA Resident Travel Grant Award Winner**

335 - Treatment of TKA and THA Medicaid Patients: A Survey Study

*Christopher Bloise, MD, LSU Orthopaedic Residency Program*

10:48 am – 10:55 am

Discussion

**10:55 am – 11:15 am**

***Break – Please visit exhibits (Banyan 2 & 3)***

**General Session 1 – L. Andrew Koman, MD Distinguished Southern Orthopaedist**

Moderator: Christopher A. Heck, MD, *Southlake Orthopaedics*

\*CME credit not available

11:15 am – 11:20 am

Introduction

*Christopher A. Heck, MD, Southlake Orthopaedics*

11:20 am – 11:45 am

Home Grown Tomatoes

*James "Bubba" Armstrong, MD, Montgomery, AL*

11:45 am – 12:15 pm

**Focused Lunch Presentation - Heron Therapeutics, Inc.**

A Strong Send Off: Reducing Pain & PONV in the Perioperative Setting

*Andrew Noble, MD*

\*CME credit not available

**Breakout Session 2A – Shoulder and Elbow (Seagrape 1)**

Moderators: Kevin J. Cronin, MD, *Florida Orthopaedic Institute*  
Brian Werner, MD, *University of Virginia*

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| 12:20 pm – 12:24 pm | 341 - Shoulder Arthroplasty in the Setting of Anterior Glenoid Wear<br><i>Albert D. Mousad, MD, Geisinger Musculoskeletal Institute</i><br><i>*Presented by John Abdelshadeed, BS</i>  |
| 12:24 pm – 12:28 pm | <b>Michael J. O'Brien, MD Travel Grant Award</b><br>192 - Large Volume Hydrodilatation for the Treatment of Shoulder Adhesive Capsulitis<br><i>Geoff Marston, MD, Prisma Health</i>  |
| 12:28 pm – 12:32 pm | 185 - Outpatient Trends in Total Shoulder Arthroplasty Outcomes<br><i>Robert Henke, BS, Medical University of South Carolina</i>   |
| 12:32 pm – 12:36 pm | 225 - Predictors of “Completely Better” Status Two Years after Shoulder Arthroplasty<br><i>Michael McCurdy, MS, University of Maryland</i>   |
| 12:36 pm – 12:40 pm | 167 - A Novel Technique for Glenoid Labrum Reconstruction: The GALIN Technique<br><i>Luis Angel Comas, BS, University of Kentucky College of Medicine</i>  |
| 12:40 pm – 12:44 pm | 224 - Predictors of PROMIS Pain Interference after Reverse Total Shoulder Arthroplasty<br><i>Stefan Dabic, MD, University of Maryland</i>  |
| 12:44 pm – 12:50 pm | Discussion   |
| 12:50 pm – 12:54 pm | 377 - Biomaterials and Advancing Fixation Techniques in Reverse Shoulder Arthroplasty<br><i>Lana Smith, Orthopaedic Center of Palm Beach County</i><br><i>*Presented by Benjamin R. Wesorick, BSE</i>  |
| 12:54 pm – 12:58 pm | 360 - Better Outcomes? Rotator Cuff Repair vs. Reverse Shoulder Arthroplasty for Massive Rotator Cuff Tears in Elderly Population<br><i>Antonio Da Costa, BS, Orthopaedic Center of Palm Beach County</i><br><i>*Presented by Jocelyn Lubert, MD</i> |



12:58 pm – 1:02 pm      17 - The Impact of Inflammatory Bowel Disease on Complications following Total Shoulder Arthroplasty  
*Jason Silvestre, MD, Medical University of South Carolina*

1:02 pm – 1:06 pm      261 - 90-Day Outcomes of Nicotine and Cannabis Users in Elbow Fracture Surgeries  
*Seyedeh Zahra Mousavi, BS, University of Maryland School of Medicine*  
*\*Presented by Debra H. Chan*

1:06 pm – 1:10 pm      226 - Preferred Inferior Inclination for Alternate Center Line Glenoid Fixation  
*Connor C. Park, BS, Creighton University School of Medicine - Phoenix*

1:10 pm – 1:14 pm      193 - High Metaphyseal Filling Ratios Indicate Plate Fixation in Periprosthetic Fractures  
*Jackson Byrd, MS, University of Alabama at Birmingham*

1:14 pm – 1:20 pm      Discussion

**Breakout Session 2B – Reconstruction (Seagrape 2)**

Moderators: Courtney Bell, MD, *Orthopaedic Center of Florida*  
Anna Cohen-Rosenblum, MD, MSc, *New York University Langone*

12:20 pm – 12:24 pm      55 - Do Collared Femoral Stems in THA Load the Calcar? A Radiographic Analysis  
*Jake A. Fox, MD, Vanderbilt University Medical Center*  
*\*Presented by Jordan B. Newby, MD*

12:24 pm – 12:28 pm      62 - Volume and Complexity of Revision Total Hip Arthroplasty  
*Bradley Lauck, BA, OrthoCarolina*

12:28 pm – 12:32 pm      163 - Pediatric and Young Adult THA: What Can Patients Expect?  
*Jordan B. Newby, MD, Vanderbilt University Medical Center*

12:32 pm – 12:36 pm      188 - Contemporary Outcomes for Resection Arthroplasty in the Management of Complex Hip Pathologies  
*David C. Landy, MD, PhD, Liberty University / OrthoVirginia*

12:36 pm – 12:40 pm      **James A. Browne, MD Travel Grant Award**

38 - How Much Does a CT-Based Mixed-Reality Navigation System Change Freehand Acetabular Component Position?

*Justin Leal, BS, Duke University*

12:40 pm – 12:48 pm

Discussion

12:48 pm – 12:52 pm

256 - Association of Distal Femoral Construct Characteristics with Aseptic Loosening

*David C. Landy, MD, PhD, Liberty University / OrthoVirginia*

*\*Presented by Austin Foster, MD*

12:52 pm – 12:56 pm

14 - Modular Knee Arthrodesis with Internal Amputation as a Salvage Treatment for Infected Total Knee Arthroplasty

*Andrew Beaupersuy, DO, Miami Orthopaedic Research Foundation*

12:56 pm – 1:00 pm

194 - Correlation of Intra-Operative Drop Test to Post-Operative Knee Flexion Angle

*Andrew R. Moya, MD, Rothman Orthopaedics Florida at AdventHealth*

1:00 pm – 1:04 pm

32 - Global Trends in Fixation Methods for Primary Total Knee Arthroplasty

*Bradley Lauck, BA, UNC School of Medicine*

1:04 pm – 1:08 pm

97 - Revision Total Knee Arthroplasty for Instability, Does Level of Constraint Affect Outcomes?

*Patrick O'Brien, MD, University of Arkansas for Medical Sciences*

*\*Presented by Jason Eckels, MD*

1:08 pm – 1:12 pm

372 - Similar Outcomes in Kinematic vs. Mechanically Aligned Cementless TKA

*Hillary E Mulvey, MD, Vanderbilt University Medical Center*

1:12 pm – 1:20 pm

Discussion

### **Breakout Session 2C – Trauma (Bald Eagle Boardroom)**

Moderators: Michael Talerico, MD, *University of Florida*

David Zuelzer, MD, *Virginia Commonwealth University*

12:20 pm – 12:24 pm	342 - Impact of Insurance Status on Follow-Up Care for Operative and Non-Operative Orthopedic Trauma in a Public Hospital Setting <i>Max Baron, BS, University of Miami Miller School of Medicine</i>
12:24 pm – 12:28 pm	122 - Distal Interlocking Screw Backout in New-Generation Retrograde Femoral Nails <i>Kameron M. Kraus, BS, University of Kentucky College of Medicine</i>
12:28 pm – 12:32 pm	124 - Ankle Brachial Index Predicts Computed Tomography Angiography Confirmed Arterial Injury <i>Vincent Morrow, MD, West Virginia University</i>
12:32 pm – 12:36 pm	128 - Secondary Displacement of Non-Operatively Managed Greater Tuberosity Fractures <i>Kameron M. Kraus, BS, University of Kentucky College of Medicine</i>
12:36 pm – 12:40 pm	164 - Femoral Head Instrumentability with Trochanteric Flip Osteotomy vs. Anterior Approach <i>Alyssa Barré, MD, University of Kentucky</i> <i>*Presented by Daniel S. Hayes, MD</i>
12:40 pm – 12:44 pm	313 - FibuLock Fibular Nail System Outcomes in Diabetic Patients <i>Romney C. Andersen, MD, Edward Via College of Osteopathic Medicine</i>
12:44 pm – 12:50 pm	Discussion
12:50 pm – 12:54 pm	127 - AI-Driven Analysis of Orthopaedic Trauma Surgery Research Topics and Trends <i>Sarah M. Jenkins, MD, Medical University of South Carolina</i>
12:54 pm – 12:58 pm	15 - Outcomes of Limited English Proficiency Patients in Isolated Orthopedic Trauma <i>Colin Zieminski, MD, Medical University of South Carolina</i>
12:58 pm – 1:02 pm	27 - An Anterior Approach to Posterior Wall for Pipkin IV Fractures <i>Doriann M. Alcaide Amador, MD, University of Alabama at Birmingham</i>

1:02 pm – 1:06 pm                      35 - Nail Plate Construct in Geriatric Periprosthetic Distal Femur Fractures: To Link or Not to Link?  
*Ethan Sheppard, BS, University of Alabama at Birmingham*

1:06 pm – 1:10 pm                      53 - Outcomes of Periprosthetic Distal Femur Fractures by Treatment Construct  
*Nigel Blackwood, MD, University of Alabama at Birmingham*  
*\*Presented by Jose Ayala-Ortiz, MD*

1:10 pm – 1:14 pm                      13 - Locked Stem for Proximal Humerus Fracture  
*Victor J. Cardona Perez, BS, Johns Hopkins University*

1:14 pm – 1:20 pm                      Discussion

**Breakout Session 2D – Sports Medicine (Seagrape 3)**

Moderator:     Chaitu Malempati, DO, *University of Kentucky Medical Center of Bowling Green*

12:20 pm – 12:24 pm                      176 - Ten-Year Outcomes of Hip Arthroscopy for the Treatment of FAI and Labral Tears in Patients with Workers Compensation Claims  
*Benjamin G. Domb, MD, American Hip Institute*  
*\*Presented by Roger Quesada-Jimenez, MD*

12:24 pm – 12:28 pm                      278 - Minimum Five-Year Outcomes of Isolated Endoscopic Gluteus Medius Repair  
*Benjamin G. Domb, MD, American Hip Institute*  
*\*Presented by Roger Quesada-Jimenez, MD*

12:28 pm – 12:32 pm                      **Scott D. Mair, MD Travel Grant Award**  
104 - SPORT Score: A Tool for Assessing Sports Medicine Research Quality  
*Michele Christy, MD, Washington University in St. Louis*

12:32 pm – 12:36 pm                      191 - Certified Athletic Trainers are Preferred Coordinators in Sports Medicine Clinics  
*Nathaniel Buchanan, BS, University of Alabama at Birmingham*

12:36 pm – 12:40 pm                      40 - Outcomes in Rotator Cuff Repair Biologics Augmentation Using a Novel Technique  
*Alexander R.M. Bitzer, MD, West Virginia University East*

12:40 pm – 12:44 pm                      161 - Primary vs. Salvage Osteochondral Allograft Transplantation in the Knee

*Evan Drake, BS, Virginia Commonwealth University  
School of Medicine*

12:44 pm – 12:50 pm

Discussion

12:50 pm – 12:54 pm

**E. Lyle Cain, MD Travel Grant Award**

195 - Predictors of Two-Year PROMIS PF after Primary ACL Reconstruction

*Leah Henry, MD, University of Maryland*

12:54 pm – 12:58 pm

221 - Pre-Operative Expectations and Two-Year Outcomes after Primary ACL Reconstruction

*Matthew Chrencik, BS, University of Maryland*

12:58 pm – 1:02 pm

240 - 25-Year Analysis of Athlete Mortality: Causes, Trends, Resource Disparities

*Andrew Manush, BA, University of Alabama at Birmingham*

*\*Presented by Caleb Berta*

1:02 pm – 1:06 pm

105 - Rapid Return to Football with Suture Button for Bennett's Fracture Dislocation

*Donna L. Mullner, MD, University of Kentucky*

1:06 pm – 1:10 pm

217 - Obesity and Patient-Reported Outcomes Two Years after Multiple Ligament Knee Reconstruction

*Dominic J. Ventimiglia, BS, University of Maryland*

*\*Presented by Alexandra Lutz, MD*

1:10 pm – 1:14 pm

220 - Post-Operative Opioid Consumption and Two-Year Outcomes after Hip Arthroscopy

*Michele Christy, MD, Washington University in St. Louis*

1:14 pm – 1:20 pm

Discussion

**Breakout Session 2E – Foot and Ankle (Seagrape 4)**

Moderator: Arjun K. Srinath, MD, MPH, *University of Miami*

12:20 pm – 12:24 pm

292 - Outcomes after Ultrasound-Guided Corticosteroid Injections for Ankle Tendon Pathology

*Miraj N. Desai, MD, Prisma Health/University of South Carolina - Columbia*

12:24 pm – 12:28 pm

390 - Outcomes of Allograft, Autograft, or No Adjuvants in Foot and Ankle Fusions

*Daniel J. Scott, MBA, MD, Medical University of South Carolina*

*\*Presented by Joshua L. Morningstar, BS*

12:28 pm – 12:32 pm

368 - Fibular Negativity in Chronic Ankle Instability Patients

*John A. Martino, BS, MS, Medical University of South Carolina*

12:32 pm – 12:36 pm

87 - Do They All Need Surgical Debridement?: Operative Ankle Fracture Infections

*Ryan Serbin, MD, Atrium Health Musculoskeletal Institute*

*\*Presented by Ainsley K. Bloomer, MD*

12:36 pm – 12:40 pm

233 - Resilience and Mental Health following FHL Transfer for Achilles Pathologies

*Garrett Jebeles, BS, University of Alabama at Birmingham*

*\*Presented by Simon Lalehzarian*

12:40 pm – 12:48 pm

Discussion

12:48 pm – 12:52 pm

401 - Examination of Subtalar Arthrodesis with a Hybrid Nitinol Containing Screw/Nail Construct

*Nigam Sheth, BS, MPH, Medical University of South Carolina*

12:52 pm – 12:56 pm

359 - Impact of GLP-1 Agonists on Outcomes following Ankle Fracture ORIF

*Joshua L. Morningstar, BS, University of North Carolina School of Medicine*

12:56 pm – 1:00 pm

4 - Increased Relative Risk in Diabetic Patients for Post-Operative Complications in Ankle Arthroplasty

*Megna Panchbhavi, University of Notre Dame*

1:00 pm – 1:04 pm

211 - Technically Challenging Talonavicular Osteochondral Lesions: A Case Series and Literature Search

*Samantha G. Mosle, BA, University of Miami Miller School of Medicine*

*\*Presented by Gabrielle M. Meli, BS*

1:04 pm – 1:08 pm

238 - Outcomes of Revision Subtalar Arthrodesis Surgery: A Retrospective Analysis

*Ashish Shah, MD, University of Alabama at Birmingham*

*\*Presented by Simon Lalehzarian*

1:08 pm – 1:12 pm                      159 - Determining Correlation between Lipid Profile and Incidence of Plantar Fasciitis  
*Varun Nukala, BS, Medical College of Georgia*

1:12 pm – 1:20 pm                      Discussion

**Symposium 2 – Hot Topics in Sports Medicine**

Moderator:     Scott D. Mair, MD, *University of Kentucky*

1:25 pm – 1:37 pm                      Shoulder Instability: Current Concepts  
*Scott D. Mair, MD, University of Kentucky*

1:37 pm – 1:49 pm                      UCL Injury: PRP, Repair, Reconstruction  
*Felix “Buddy” Savoie, MD, Tulane University*

1:49 pm – 2:01 pm                      Rotational Instability of the Knee  
*Jeffrey A. Guy, MD, University of South Carolina Sports Medicine Center*

2:01 pm – 2:13 pm                      Graft Considerations for Primary ACL Reconstruction  
*Matthew J. Matava, MD, Washington University Orthopedics*

2:13 pm – 2:25 pm                      Questions / Discussion

2:30 pm – 3:30 pm                      **Scientific E-Poster Session** (Presenters are available to answer questions)  
*(Seagrape 1, Seagrape 2, Bald Eagle Boardroom, Seagrape 3 & Seagrape 4)*

**Friday, July 25<sup>th</sup>**

6:00 am – 7:00 am                      **Scientific E-Poster Session** (Presenters are available to answer questions)  
*(Seagrape 1, Seagrape 2, Bald Eagle Boardroom, Seagrape 3 & Seagrape 4)*

6:55 am – 7:00 am                      **Welcome, Announcements and Overview**  
*R. Carter Cassidy, MD, University of Kentucky*

**Breakout Session 3A – Sports Medicine (Seagrape 1)**

Moderator:     Chaitu Malempati, DO, *University of Kentucky Medical Center of Bowling Green*

- 7:05 am – 7:09 am      5 - Adolescents with ADHD Face Increased Risks Associated with Impact Sports  
*Megna Panchbhavi, University of Notre Dame*
- 7:09 am – 7:13 am      203 - Perioperative Work Undervalued in Hip Arthroscopy by RVU Update Committee  
*Juan J. Gordillo, BS, University of Alabama at Birmingham*  
*\*Presented by Joshua Broussard, BS*
- 7:13 am – 7:17 am      241 - Outcomes following Radiofrequency Ablation of the Genicular Nerves: A Systematic Review  
*Cameron Gerhold, BS, Florida State University College of Medicine*  
*\*Presented by Kylie Kromholz, BS*
- 7:17 am – 7:20 am      Discussion
- 7:20 am – 7:24 am      51 - Return to Sport following ACL Repair: A Systematic Review  
*Cooper Williams, BS, Schmidt College of Medicine at Florida Atlantic University*
- 7:24 am – 7:28 am      222 - Impact of Pre-Operative Opioid Use on Two-Year Outcomes after Hip Arthroscopy  
*Kathleen M. Healey, MD, University of Maryland*
- 7:28 am – 7:32 am      228 - Predictors of Opioid Refill after Hip Arthroscopy  
*Michael McCurdy, MS, University of Maryland*
- 7:32 am – 7:35 am      Discussion

**Breakout Session 3B – Sports Shoulder (Seagrape 2)**

Moderator:      Jeremy Burnham, MD, *Ochsner Health, Baton Rouge*  
                         Jayesh H. Patel, MD, *University of Texas Health*

- 7:05 am – 7:09 am      135 - Functional Outcomes of BEAR Compared to Autograft ACL Reconstruction  
*Daniel G. Yang, BS, Duke University School of Medicine*
- 7:09 am – 7:13 am      190 - Government-Provided Insurance affects Hip Arthroscopy Patient Reported Outcome Measures  
*Maxwell L. Harrell, BS, University of Alabama at Birmingham*  
*\*Presented by Caleb Berta*



7:13 am – 7:20 am	Discussion
7:20 am – 7:24 am	333 - The Most Important Factors in Patients Feeling Recovered after Shoulder Surgery <i>Chase A. Burzynski, BS, Orthopaedic Center of Palm Beach County</i>
7:24 am – 7:28 am	234 - Respiratory Complications of Supraclavicular vs. Interscalene Blocks in Shoulder Arthroscopy <i>Alexa A. Smitherman, MS, University of Alabama at Birmingham</i>
7:28 am – 7:35 am	Discussion
<b>Breakout Session 3C – Spine (Bald Eagle Boardroom)</b>	
Moderator: Ryan Snowden, MD, <i>Tennessee Orthopaedic Associates</i>	
7:05 am – 7:09 am	<b>Gregory Grabowski, MD Travel Grant Award</b> 174 - Utility of Blood Cultures and Biopsy for Pyogenic Spinal Infections <i>John J. Pisquiy, MD, MHA, West Virginia University</i>
7:09 am – 7:13 am	89 - Longitudinal Radiographic Outcomes of Prone Transposas Lumbar Interbody Fusion <i>Zachary Rickmeyer, BSME, Fondren Orthopedic Research Institute</i> <i>*Presented by Hari C. Surnedi</i>
7:13 am – 7:17 am	102 - Risk Factors for Pseudoarthrosis in Anterior Cervical Discectomy <i>Rahul Sharma, BSA, UT Southwestern Medical Center</i> <i>*Presented by Brooke Brady, BS, BA</i>
7:17 am – 7:20 am	Discussion
7:20 am – 7:24 am	252 - Fatty Infiltration of Lumbar Muscles and Peri-Operative Outcomes in Spinal Surgery <i>Ronit Kulkarni, BS, Medical University of South Carolina</i>
7:24 am – 7:28 am	357 - Outcomes in Posterior Cervical Fusions with Different Lowest Instrumented Vertebral Levels within the Thoracic Vertebrae: A Systematic Review <i>Chase Walton, MS, Medical University of South Carolina</i>
7:28 am – 7:32 am	129 - Intraoperative Neuromonitoring in Anterior Cervical Spine Procedures for Myelopathy

*Sydney Rucker, BA, Medical University of South Carolina*

7:32 am – 7:35 am

Discussion

**Breakout Session 3D – Foot and Ankle (Seagrape 3)**

Moderators: Tyler Kalbac, MD, *Orthopaedic & Sports Medicine Center of Miami*  
Solangel Rodriguez Materon, MD, *University of Miami*

7:05 am – 7:09 am

354 - Use of Blood Flow Restriction in Foot and Ankle Injury

*Julia M. Balboni, BS, University of New England College of Osteopathic Medicine*

7:09 am – 7:13 am

236 - Do Interval PROMIS Scores Correlate with Interval MCID Achievement following Ankle Instability Surgery

*Ashish Shah, MD, University of Alabama at Birmingham*  
*\*Presented by LaMiah Hall, BS, MPH*

7:13 am – 7:17 am

201 - Trends among High-Volume Total Ankle Arthroplasty Surgeons

*Nigam Sheth, BS, MPH, Medical University of South Carolina*

7:17 am – 7:20 am

Discussion

7:20 am – 7:24 am

210 - Surgical Correction of Calcaneocuboid Osteochondral Lesions: A Case Report and Literature Search

*Gabrielle M. Meli, BS, University of Miami Miller School of Medicine*

*\*Presented by Solangel Rodriguez Materon, MD*

7:24 am – 7:28 am

405 - Diabetes Control and Its Influence on Post-Operative Complications in Bunionectomy

*Wilmer Rodriguez, BS, University of Texas Medical Branch Galveston*

7:28 am – 7:32 am

3 - Evaluating AI-Generated Responses for Patient Education in Common Sports Injuries

*Megna Panchbhavi, University of Notre Dame*

7:32 am – 7:35 am

Discussion

**Breakout Session 3E – Basic Science and Oncology (Seagrape 4)**

Moderators: Michael P. Horan, MD, *Prisma Health, Columbia*

7:05 am – 7:09 am	197 - Pediatric Osteosarcoma: The Clot Traps the Cancer <i>Stephen W. Chenard, BScH, MSc, Vanderbilt University School of Medicine</i>
7:09 am – 7:13 am	246 - Hormonal Dysregulation Causes Abnormal Growth Plate Maturation: Insights into SCFE <i>Logan Locascio, BS, Vanderbilt University School of Medicine</i>
7:13 am – 7:17 am	149 - Cellular Responses in Acetabular Labral Reconstruction: Effects of Tensile Strain <i>Muhammad-Amin H. Munshi, BA, University of Missouri - Columbia School of Medicine</i>
7:17 am – 7:20 am	Discussion
7:20 am – 7:24 am	96 - A Novel Approach to Removal of Cemented Stems Using Electromagnetic Force <i>Gerhard E. Maale, MD, Dallas Ft. Worth Sarcoma Group/Medical City Plano</i>
7:24 am – 7:28 am	151 - BMT is a Considerable Variable in Multiple Myeloma Patients Undergoing TJA <i>Jacob Siebenmorgen, MD, MPH, University of Arkansas for Medical Sciences</i>
7:28 am – 7:32 am	247 - Hustled by Osteoblasts: Unveiling Key Contributors in Iliac Crest Grafts <i>Duby Okonkwo, BS, Vanderbilt School of Medicine</i>
7:32 am – 7:35 am	Discussion
7:45 am – 8:05 am	<b>Focused Breakfast Presentation - Amgen</b> What Would Prioritizing Osteoporosis Care Mean for your Postmenopausal Patients at High Risk for Fracture? <i>Peter Cummings, MD</i> *CME credit not available
<b>8:15 am – 8:35 am</b>	<b><i>Break – Please visit exhibits (Banyan 2 &amp; 3)</i></b>

### **Symposium 3 – Foot and Ankle**

Moderator: Arjun K. Srinath, MD, MPH, *University of Miami*

8:35 am – 8:45 am	The Role of Arthroscopy in Ankle Fractures: Should We Scope Every Ankle Fracture? <i>Steven D. Steinlauf, MD, University of Miami</i>
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8:45 am – 8:55 am	Primary Fusion for Pilon Fractures <i>Arun Aneja, MD, PhD, Massachusetts General Hospital</i>
8:55 am – 9:05 am	Management of Ankle Fracture Malunions <i>Tyler Kalbac, MD, Orthopaedic &amp; Sports Medicine Center of Miami</i>
9:05 am – 9:15 am	When Should I Use a Fibular Nail? <i>Solangel Rodriguez Materon, MD, University of Miami</i>
9:15 am – 9:25 am	Management of Talar <i>Arjun K. Srinath, MD, MPH, University of Miami</i>
9:25 am – 9:35 am	Questions / Discussion

#### **Symposium 4 – Trauma**

Moderator: Eric S. Moghadamian, MD, *University of Kentucky*

9:35 am – 9:45 am	Evaluation and Management of Syndesmotic Injuries in Ankle Fractures <i>Kevin A. Murr, MD, Prisma Health</i>
9:45 am – 9:55 am	When and How to Treat Posterior Malleolus Fractures (Is the Pain Worth the Gain?) <i>David Zuelzer, MD, Virginia Commonwealth University</i>
9:55 am – 10:05 am	Ankle Fracture Surgery in the Comorbid Patient <i>Jerad Allen, MD, Emory University</i>
10:05 am – 10:15 am	Management of the Deltoid Ligament in Ankle Fracture Surgery: Should We Be More Aggressive? / Have We Been Ignoring This for Too Long? <i>Daniel R. Dziadosz, MD, Florida Medical Clinic, Orlando</i>
10:15 am – 10:25 am	Nonoperative Management of Ankle Fractures: What is “Unstable,” and Do they All Really Need an Operation? <i>Eric S. Moghadamian, MD, University of Kentucky</i>
10:25 am – 10:35 am	Questions / Discussion
10:40 am – 11:00 am	<b><i>Break – Please visit exhibits (Banyan 2 &amp; 3)</i></b>

#### **General Session 2 – Presidential Guest Speaker**

Moderator: Christopher A. Heck, MD, *Southlake Orthopaedics*

\*CME credit not available

11:00 am – 11:05 am	Introduction <i>Christopher A. Heck, MD, Southlake Orthopaedics</i>
11:05 am – 11:50 am	Title <i>Coach Bruce Pearl, Auburn University Men's Basketball Coach</i>
11:50 am – 12:20 pm	<b>Focused Lunch Presentation - ATEC Spine</b> The Full-Body Blueprint: How EOS Advances Orthopedic Strategy <i>Christopher R. Brown, MD, Duke University</i> *CME credit not available
<b>Breakout Sessions 4A – Trauma (Seagrape I)</b>	
Moderators: Arun Aneja, MD, PhD, <i>Massachusetts General Hospital</i> Michael T. Talerico, MD, <i>University of Florida</i>	
12:25 pm – 12:29 pm	44 - Childbearing after Pelvic Trauma: A Survey of Specialists Opinions on Delivery Method and Case Series <i>William T. Davis, MD, University of Alabama at Birmingham</i> *Presented by Robin Litten, MS
12:29 pm – 12:33 pm	64 - Similar Outcomes in Open Fracture Prophylaxis with Ceftriaxone and Piperacillin/Tazobactam <i>Hamp Sisson, BS, UAB Heersink School of Medicine</i>
12:33 pm – 12:37 pm	52 - Characteristics and Outcomes of Interprosthetic vs. Periprosthetic Femur Fractures <i>Nigel Blackwood, MD, University of Alabama at Birmingham</i> *Presented by Robin Litten, MS
12:37 pm – 12:41 pm	30 - Reliability of Digital Templating in Uncemented Bipolar Hip Hemiarthroplasty <i>Muhammad Muneeb Umar, MB, BCh, BAO, St Vincents University Hospital Dublin</i>
12:41 pm – 12:45 pm	68 - Cost and Complication Analysis of Different Treatment Methods for Syndesmotic Ankle Fractures: A Meta-Analysis <i>Thomas Cho, BS, University of Toledo College of Medicine and Life Sciences</i>
12:45 pm – 12:49 pm	<b>L. Andrew Koman, MD Travel Grant Award</b>

	121 - Comparative Outcomes of Surgical Interventions for Femoral Neck Fractures: A Multicenter Analysis <i>Danny Lynch, MD, UCF/HCA GME Consortium</i>
12:49 pm – 12:55 pm	Discussion
12:55 pm – 12:59 pm	71 - The Rise of Intramedullary Nailing: Twenty Year Medicare Trends in Hip Fracture Care <i>Coltin R. Gerhart, MD, UT Health - San Antonio</i>
12:59 pm – 1:03 pm	148 - Femoroacetabular Stabilization Using a Suspensory Fixation Device in Post-traumatic Hip Instability <i>Justin E. Kung, MD, Prisma Health - Midlands / University of South Carolina School of Medicine</i>
1:03 pm – 1:07 pm	291 - Flexible Intramedullary Nailing in Adult Both Bone Forearm Fractures <i>Connor Prevost, MD, Prisma Health – Midlands</i>
1:07 pm – 1:11 pm	259 - Comparing Intra-Operative Outcomes across Long Nail Systems in Intertrochanteric Fractures <i>Romney C. Andersen, MD, Edward Via College of Osteopathic Medicine</i>
1:11 pm – 1:15 pm	288 - Dance-Related Fractures in the United States: A NEISS Database Study <i>Senah E. Stephens, BS, Eastern Virginia Medical School at Old Dominion University</i>
1:15 pm – 1:19 pm	235 - Management of Periprosthetic Femur Fracture above TKA <i>Paul E. Gerges, BS, OMSIII, COM Carolinas</i>
1:19 pm – 1:25 pm	Discussion

**Breakout Sessions 4B – Hand and Upper Extremity (Seagrape 2)**

Moderators: Amanda Dempsey, MD, *Emory University*  
Maureen A. O'Shaughnessy, MD, *University of Kentucky*

12:25 pm – 12:29 pm	156 - Efficacy of Nerve Graft Types in Radial Nerve Injuries <i>John Ambrose Martino, BS, MSMS, Medical University of South Carolina</i>
12:29 pm – 12:33 pm	294 - Factors Influencing Patient-Reported Ratings of Shoulder Surgeons

*Victoria A. Conn, BS, Emory University*

12:33 pm – 12:37 pm

106 - Epidemiology of Upper Extremity Lacrosse Injuries from 2014-2023

*Paul J. Pottanat, MD, Medical University of South Carolina*

12:37 pm – 12:41 pm

177 - Impact of HbA1c on Cost-Effectiveness of Trigger Finger Management Options

*Samantha S. Morales, MS, BS, University of South Carolina School of Medicine Greenville*

12:41 pm – 12:45 pm

344 - Radiographic Displacement Progression in Non-Operative Distal Radial Fracture

*Abdullah Taha, MD, Rothman Orthopaedics at AdventHealth*

*\*Presented by Roya Khorram, MD*

12:45 pm – 12:49 pm

369 - Periarterial Sympathectomy with Simultaneous Ulcer Debridement Does Not Increase Risk for Short-Term Post-Operative Infection

*Tameka C. Dean, DO, MS, Atrium Health Wake Forest Baptist*

12:49 pm – 12:57 pm

Discussion

12:57 pm – 1:01 pm

260 - Short-Term Outcomes of Retrograde Intramedullary Nailing for Metacarpal Fractures

*Jamal Zahir, BS, Rothman Orthopaedics at AdventHealth Orlando*

*\*Presented by Kassem Ghayyad, MD*

1:01 pm – 1:05 pm

154 - Comparison of Traumatic vs. Atraumatic Compartment Syndrome

*Colin Zieminski, MD, Medical University of South Carolina*

1:05 pm – 1:09 pm

290 - Online Factors Influencing Patient-Reported Ratings of Hand Surgeons

*Victoria A. Conn, BS, Emory University*

1:09 pm – 1:13 pm

223 - Carpal Instability in the Setting of Revision Thumb Carpometacarpal Arthroplasty

*Arman Tabarestani, BS, University of Florida*

1:13 pm – 1:17 pm                      309 - Declining Elbow and Wrist Arthroscopy Volume among Orthopedic Residents  
*Maxwell A. Northrop, BS, Medical University of South Carolina*

1:17 pm – 1:25 pm                      Discussion

**Breakout Sessions 4C – Pediatrics** (*Bald Eagle Boardroom*)

Moderators:   Philip Ashley, MD, University of Alabama at Birmingham  
                    Jessica L. McQuerry, MD, *University of Florida*

12:25 pm – 12:29 pm                      250 - Early Post-Operative Weightbearing Does Not Increase Revision Rate in SCFE  
*Akhil Rekulapelli, BS, Vanderbilt University School of Medicine*  
*\*Presented by Riley Gilbertson*

12:29 pm – 12:33 pm                      80 - Post-Operative Range of Motion after Surgical Fixation of Pediatric Lateral Condyle Fractures  
*Lindsay Crawford, MD, University of Texas Health*  
*\*Presented by Gabrielle Rogie, BSE*

12:33 pm – 12:37 pm                      323 - Comparing OTA and POSNA Pediatric Implant Removal Practices  
*Christel C. Gharby, BS, University of Florida College of Medicine*

12:37 pm – 12:41 pm                      120 - Follow-Up after Femoral Neck Fracture Fixation: Can We Do Better?  
*Adele T. Bloodworth, BS, University of Alabama Birmingham*

12:41 pm – 12:45 pm                      184 - Low Rate of AVN in Closed Treatment of SCFE Patients  
*Benjamin Wong, BS, Vanderbilt University Medical Center*  
*\*Presented by August Kim Can*

12:45 pm – 12:49 pm                      362 - DF2 Brace vs. Spica Cast for Pediatric Femoral Shaft Fractures  
*Calvin Chandler, MD, MBA, Atrium Health Musculoskeletal Institute*  
*\*Presented by George D. Graham, MD*

12:49 pm – 12:57 pm                      Discussion



12:57 pm – 1:01 pm	103 - Tension-Band Plate Growth Modulation in Mucopolysaccharidoses vs. Idiopathic Angular Deformities <i>Kathryn Radulovacki, BA, Duke University School of Medicine</i> <i>*Presented by Isabel Shaffrey, BS</i>
1:01 pm – 1:05 pm	249 - Surgical Management of Pelvic Pyomyositis in Children <i>Daniel Puczek, BA, Vanderbilt University School of Medicine</i>
1:05 pm – 1:09 pm	139 - Interference Screw Fixation for Pediatric Tibialis Anterior Tendon Transfer <i>Sean Pedersen, MD, University of Florida</i>
1:09 pm – 1:13 pm	244 - Retrospective Analysis of Post-Operative Southwick Angle and SCFE Deformity Correction <i>Akhil Rekulapelli, BS, Vanderbilt University School of Medicine</i> <i>*Presented by Sam Kavarana</i>
1:13 pm – 1:17 pm	295 - Routine Implant Removal in Pediatric Orthopaedic Trauma Patients with Radiographic Union: When and Why? Adult Trauma Surgeon's Perspective <i>Aaron Jennings, BS, University of Florida College of Medicine</i>
1:17 pm – 1:25 pm	Discussion

#### **Breakout Sessions 4D – Shoulder and Elbow (Seagrape 3)**

Moderator: Kevin J. Cronin, MD, *Florida Orthopaedic Institute*

12:25 pm – 12:29 pm	218 - All-Suture Anchor Glenoid Labral Repair Outcomes in Baseball Players <i>Tomas F. Vega, MD, American Sports Medicine Institute</i> <i>*Presented by Campbell Aiken, BA</i>
12:29 pm – 12:33 pm	113 - Optimization of Lesser Tuberosity Osteotomy Repair: Biomechanical Assessment <i>Mitchell Negus, Medical University of South Carolina</i>
12:33 pm – 12:37 pm	304 - Predictable Anconeus Dimensions: Implications for Surgical Planning and Applications <i>Connor C. Park, BS, Creighton University School of Medicine - Phoenix</i>

12:37 pm – 12:41 pm	367 - Age, BMI, and Gender Influence Recovery following Reverse Shoulder Arthroplasty <i>Jacob Calpey, BS, Orthopaedic Center of Palm Beach County</i> <i>*Presented by Lana Smith</i>
12:41 pm – 12:45 pm	355 - Risk Factors Resulting in Suboptimal Outcomes following RSA <i>Matthew McKinley, MBA, Orthopaedic Center of Palm Beach County</i>
12:45 pm – 12:49 pm	248 - Impact of Subacromial Decompression and Biceps Tenodesis on Cuff Repair <i>Amy Zhao, BA, University of Maryland School of Medicine</i> <i>*Presented by Debra H. Chan</i>
12:49 pm – 12:55 pm	Discussion
12:55 pm – 12:59 pm	384 - Evaluating the Fragility and Robustness of Randomized Controlled Trials in Proximal Humerus Fracture Management <i>Chase A. Burzynski, BS, Orthopaedic Center of Palm Beach County</i>
12:59 pm – 1:03 pm	186 - Stress Shielding: Traditional vs. Short Stem Humeral Prostheses in TSA <i>Maxwell L. Harrell, BS, University of Alabama at Birmingham</i> <i>*Presented by Elizabeth Powell</i>
1:03 pm – 1:07 pm	287 - Trends in Intra-Articular Injection Utilization for Adhesive Capsulitis <i>Anthony M. Bishara, BA, Johns Hopkins School of Medicine</i>
1:07 pm – 1:11 pm	270 - Patient Factors, Not Implant Factors, Predict IR following rTSA <i>Ethan Blum, BS, MEng, Washington University in St. Louis School of Medicine</i>
1:11 pm – 1:15 pm	305 - Sickle Cell Disease and Total Shoulder Arthroplasty <i>Hailey Ninness, BS, Medical University of South Carolina</i>
1:15 pm – 1:19 pm	115 - Complication Rates following Ulnar Collateral Ligament Repair and Reconstruction <i>Mitchell H. Negus, BS, Medical University of South Carolina</i>

1:19 pm – 1:25 pm Discussion

**Breakout Sessions 4E – General Interest (*Seagrape 4*)**

Moderators: Ian Duensing, MD, *University of Virginia*

David C. Landy, MD, PhD, *Liberty University / OrthoVirginia*

12:25 pm – 12:29 pm	93 - Social Media Engagement and Orthopaedic Surgery Residency Proximity Rank <i>Davis M. Howell, BS, University of Kentucky College of Medicine</i>
12:29 pm – 12:33 pm	19 - Gender Disparities in Salary Compensation for Full-Time Hand Surgeon Faculty at US Medical Schools <i>Jason Silvestre, MD, Medical University of South Carolina</i>
12:33 pm – 12:37 pm	182 - Trends Beyond the Magic Number in Orthopaedic Surgery Residency Match <i>Delaney G. Shroat, BS, University of Kentucky College of Medicine</i>
12:37 pm – 12:41 pm	142 - Increased Fracture Risk Associated with Lower Extremity Intra-Articular Corticosteroid Injections <i>James R. Goetz, BS, University of Kentucky College of Medicine</i>
12:41 pm – 12:45 pm	50 - Surrogate Endpoints are Associated with Favorable Results in TJA RCTs <i>James R. Temple, BA, University of Virginia</i>
12:45 pm – 12:53 pm	Discussion
12:53 pm – 12:57 pm	<b>SOA Medical Student Travel Grant Award</b> 25 - Evaluating the Role of Cotinine Measurements in Total Joint Arthroplasty <i>Maya R. Moore, BA, University of Miami</i>
12:57 pm – 1:01 pm	326 - Diversity in Orthopedic Surgery Residency: Is There Equal Academic Productivity? <i>Camberly Moriconi, BS, Orthopaedic Center of Palm Beach County</i> <i>*Presented by Julio C. Vandama, BS</i>
1:01 pm – 1:05 pm	196 - Evaluating Osteoporosis Awareness and Fracture Risk in Underserved Communities Using the FRAX Tool

*Jonathan Brutti, BS, Florida International University  
Herbert Wertheim College of Medicine*

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|-------------------|--|
| 1:05 pm – 1:09 pm | 215 - Development and Psychometric Testing of a Novel Scale for Shoulder Assessment<br><i>Seyedeh Zahra Mousavi, BS, University of Maryland School of Medicine</i><br><i>*Presented by Debra H. Chan</i> |
| 1:09 pm – 1:13 pm | 45 - Effect of Timing and Modality of RCR in Subsequent RSA Outcomes<br><i>Kevin A. Hao, MD, University of Florida</i>   |
| 1:13 pm – 1:17 pm | 26 - Symptomatic Manifestations and Pain Locations in Adults with Hip Dysplasia<br><i>Amanda Wheeler, BBA, University of Texas Rio Grande Valley</i>   |
| 1:17 pm – 1:25 pm | Discussion   |
| 1:25 pm – 2:25 pm | <b>Scientific E-Poster Session</b> (Presenters are available to answer questions)<br><i>(Seagrape 1, Seagrape 2, Bald Eagle Boardroom, Seagrape 3 &amp; Seagrape 4)</i>                                  |

**SOA Resident Course** – Resident / Fellow Primer for the Transition to Practice (*Room*)  
Co-hosted with the Foundation for Physician Advancement  
\*CME credit not available

1:30 pm – 4:00 pm

Core Topics:

1. Picking the job that's right for you
2. 10 employment contract considerations and watch-outs
3. Compensation models and terms to know
4. What to expect in your first six months in practice
5. Ask the faculty: Open Q&A

**Saturday, July 26<sup>th</sup>**

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|-------------------|---|
| 6:00 am – 7:00 am | <b>Scientific E-Poster Session</b> (Presenters are available to answer questions)<br><i>(Seagrape 1, Seagrape 2, Bald Eagle Boardroom, Seagrape 3 &amp; Seagrape 4)</i> |
| 6:55 am – 7:00 am | <b>Welcome, Announcements and Overview</b>  |

*R. Carter Cassidy, MD, University of Kentucky*

**Breakout Session 5A – Trauma (Seagrape 1)**

Moderator: David Zuelzer, MD, *Virginia Commonwealth University*

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| 7:05 am – 7:09 am | 83 - Weightbearing after Distal Femur Fractures: Does Post-Operative Protocol Matter?<br><i>Ryan Serbin, MD, Atrium Health Musculoskeletal Institute</i><br><i>*Presented by Alexander B. White, MD</i>  |
| 7:09 am – 7:13 am | 42 - Fixation within 48 Hours in Geriatric Acetabular Fractures Decreases Transfusion Requirements<br><i>Doriann M. Alcaide Amador, MD, University of Alabama at Birmingham</i>                          |
| 7:13 am – 7:17 am | 29 - H-Plates for Treatment of Posterior Wall Acetabular Fracture Components<br><i>Anjali Malhotra, MPH, SUNY Upstate Medical University</i>   |
| 7:17 am – 7:20 am | Discussion   |
| 7:20 am – 7:24 am | 56 - Patient and Fracture Characteristics Associated with Re-Operation in Patella Fractures<br><i>Nigel Blackwood, MD, University of Alabama at Birmingham</i><br><i>*Presented by Ryan McIlwain, BS</i> |
| 7:24 am – 7:28 am | 187 - Periarticular Distal Femur Fracture Outcomes Treated with Locally-Delivered Antibiotics<br><i>Alexander B. White, MD, Atrium Health Musculoskeletal Institute</i>                                  |
| 7:28 am – 7:32 am | 200 - Implant Selection in Distal Femur Fractures: Outcome Analysis and Alignment<br><i>Maria S. Kammire, MD, Atrium Health Musculoskeletal Institute</i><br><i>*Presented by Madeline Rieker, MD</i>    |
| 7:32 am – 7:35 am | Discussion   |

**Breakout Session 5B – Reconstruction (Seagrape 2)**

Moderator: Ian Duensing, MD, *University of Virginia*

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| 7:05 am – 7:09 am | 63 - The True Fate of the Two-Stage Exchange for Infection<br><i>Jesse E. Otero, MD, PhD, OrthoCarolina</i> |
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*\*Presented by Evan M. Dugdale, MD*

7:09 am – 7:13 am 111 - Antibiotic Resistance in PJI: Is the Organism Profile Changing?

*Calvin Chandler, MD, MBA, OrthoCarolina*

*\*Presented by Stephen Graham, MD, MSc*

7:13 am – 7:17 am 273 - Pre-Operative Pain's Relation to Post-Operative Patient-Reported Outcomes and Complications  
*Shivam Gandhi, BS, University of Virginia School of Medicine*

7:17 am – 7:20 am Discussion

7:20 am – 7:24 am 263 - Circular Retractor Use in Direct Anterior Total Hip Arthroplasty: A Propensity Score-Matched Analysis of Wound Complications

*Neel Sandella, BA, Rothman Orthopaedics Florida at AdventHealth*

7:24 am – 7:28 am 110 - Reinfection Patterns following Two-Stage Exchange for Periprosthetic Joint Infection

*Andrew J. Clair, MD, OrthoCarolina*

*\*Presented by Stephen Graham, MD, MSc*

7:28 am – 7:32 am 95 - Impact of Anxiety and Depression on TKA Post-Operative Outcomes

*Mathew Mendoza, BS, Fondren Orthopedic Research Institute*

*\*Presented by Joshua H. Taylor, BS*

7:32 am – 7:35 am Discussion

### **Breakout Session 5C – Spine** (*Bald Eagle Boardroom*)

Moderators: Christopher A. Heck, MD, *Southlake Orthopaedics*

Robert Ravinsky, MDCM, MPH, FRCSC, *Medical University of South Carolina*

7:05 am – 7:09 am 254 - Accuracy of ChatGPT in Interpreting Neurosurgical Spine Imaging: An Exploratory Study

*McKenzie A. Mayer, BS, Hackensack Meridian School of Medicine*

7:09 am – 7:13 am 147 - Spinopelvic Parameters between Standing and Sitting on Lateral EOS Radiograph

*Muhammad-Amin H. Munshi, BA, University of Missouri - Columbia School of Medicine*

7:13 am – 7:17 am	279 - Cord-to-Canal Ratio: A Novel Index in Assessment of Congenital Cervical Stenosis <i>Anne E. Jinks, BS, Medical University of South Carolina</i> <i>*Presented by R. Jackson Ferdon, BS, MS</i>
7:17 am – 7:20 am	Discussion
7:20 am – 7:24 am	69 - Reduced Post-Operative Complications with Pre-Operative GLP-1 Analog in Lumbar Fusion <i>Ahad Kesaria, BS, Univeristy of Texas Medical Branch at Galveston</i>
7:24 am – 7:28 am	70 - Preoperative GLP-1 RA Use Reduces Post-Operative Complications in Lumbar Laminectomy <i>Farhad A. Marzook, MS, University of Texas Medical Branch</i>
7:28 am – 7:32 am	88 - Surgical Management of Lumbar Adjacent Segment Disease: A Systematic Review <i>Luke M. LaRochelle, BS, Medical University of South Carolina</i>
7:32 am – 7:35 am	Discussion

#### **Breakout Session 5D – Shoulder and Elbow (Seagrape 3)**

Moderator: Brian Werner, MD, *University of Virginia*

7:05 am – 7:09 am	282 - Does Reverse or Anatomic Shoulder Arthroplasty Restore Biomechanics in Osteoarthritis? <i>Jaden Hardrick, BS, Emory University School of Medicine</i>
7:09 am – 7:13 am	361 - Speed of Return to Normalcy after Shoulder Arthroplasty <i>Albert D. Mousad, MD, Geisinger Musculoskeletal Institute</i>
7:13 am – 7:17 am	394 - SSC3-Type Scapular Fractures: Advances in Diagnosis and Management <i>Kaan Sevgi, BS, Kansas City University of Medicine and Biosciences</i>
7:17 am – 7:20 am	Discussion
7:20 am – 7:24 am	72 - Long-Term Outcomes of the Latarjet Procedure in North America

*Allyson N. Pfeil, BS, Fondren Orthopedic Research Institute*

7:24 am – 7:28 am

47 - Conversion of Failed Anatomic Total Shoulder Arthroplasty to Reverse Shoulder Arthroplasty Yields Similar Pain and Functional Outcomes to Primary Reverse Shoulder Arthroplasty but has a Higher Baseplate Failure Rate: A Matched Cohort Study  
*Kevin A. Hao, MD, University of Florida*

7:28 am – 7:32 am

266 - Outcomes of Lesser Tuberosity Osteotomy in Stemless Total Shoulder Arthroplasty  
*Jamal Zahir, BS, Rothman Orthopaedics at AdventHealth Orlando*  
*\*Presented by Teja Yeramosu, MD*

7:32 am – 7:35 am

Discussion

**Breakout Session 5E – General Interest (Seagrape 4)**

Moderator: Brian T. Muffly, MD, *Emory University*

7:05 am – 7:09 am

18 - Establishing Benchmarks for Case Minimum Requirements during ACGME Accredited Orthopaedic Sports Medicine Fellowship Training  
*Jason Silvestre, MD, Medical University of South Carolina*

7:09 am – 7:13 am

82 – Re-Exploring "Hard Stop" Comorbidities for Outpatient Total Joint Selection Criteria  
*Emily R. Oleisky, BA, Vanderbilt University Medical Center*

7:13 am – 7:17 am

84 - Ensuring Safe Total Joint Arthroplasty for Higher BMI Patients  
*Emily R. Oleisky, BA, Vanderbilt University Medical Center*

7:17 am – 7:20 am

Discussion

7:20 am – 7:24 am

243 - Incidence and Management of POUR in an Ambulatory Surgery Center  
*Daniel Puczko, BA, Vanderbilt University School of Medicine*

7:24 am – 7:28 am

133 - Assessing Roughing the Passer and Quarterback Injury Rates in NFL 2012-2023



*Keara Gilligan, BS, Hackensack Meridian School of Medicine*

7:28 am – 7:32 am      389 - Golf Cart Injury Trends in Adults: A Comprehensive Analysis  
*John A. Martino, BS, MS, Medical University of South Carolina*

7:32 am – 7:35 am      Discussion

7:45 am – 8:15 am      **Focused Breakfast Presentation - Legally Mine**  
\*CME credit not available

### **General Session 3 – AAOS and OREF Reports**

Moderator: Christopher A. Heck, MD, *Southlake Orthopaedics*

\*CME Credit not available

8:20 am – 8:30 am      OREF Report  
*Lee Grossman, OREF*

8:30 am – 8:45 am      AAOS Report  
*Annunziato Ned Amendola, MD, Duke University*

### **Symposium 5 – Athletes and Modern Spine Care**

Moderator: James Lawrence, MD, MBA, *Medical University of South Carolina*

8:45 am – 8:55 am      LE Trauma in Young Athletes  
*Jessica L. McQuerry, MD, University of Florida*

8:55 am – 9:05 am      Cervical Injuries in Football Players  
*Bradley Segebarth, MD, Carolinas Medical Center*

9:05 am – 9:15 am      Lumbar Injuries in Football Players  
*Robert Ravinsky, MDCM, MPH, FRCSC, Medical University of South Carolina*

9:15 am – 9:35 am      Management of Spontaneous Durotomy  
*Christopher R. Brown, MD, Duke University*

9:35 am – 9:45 am      Questions / Discussion

**9:45 am – 10:10 am      *Break – Please visit exhibits (Banyan 2 & 3)***

### **General Session 4 – Current Events**

Moderator: Christopher A. Heck, MD, *Southlake Orthopaedics*

10:10 am – 10:40 am

Title

*Larry D. Buschon, MD, United States House of Representatives*

### **Symposium 6 – Hip Preservation**

Moderator: Stephen T. Duncan, MD, *University of Kentucky*

10:40 am – 10:50 am

Management of the Labrum in 2025

*F. Winston Gwathmey, MD, University of Virginia*

10:50 am – 11:00 am

Management of Extra-Articular Deformities

*Paul E. Matuszewski, MD, University of Kentucky*

11:00 am – 11:10 am

Management of Borderline Hip Dysplasia

*Courtney M. Selberg, MD, Cincinnati Children's Hospital*

11:10 am – 11:20 am

Should I Do Combined Hip Scope and PAO, or PAO Alone?

*Brian T. Muffly, MD, Emory University*

11:20 am – 11:30 am

Is It Just Trochanteric Bursitis?

*Stephen T. Duncan, MD, University of Kentucky*

11:30 am – 11:40 am

Questions / Discussion

### **General Session 5 – Presidential Address, Second Business Meeting**

Moderator: R. Carter Cassidy, MD, *University of Kentucky*

\*CME credit not available

11:40 am – 11:50 am

Second Business Meeting

*Christopher A. Heck, MD, Southlake Orthopaedics*

11:50 am – 12:10 pm

The Doctor's Family

*Christopher A. Heck, MD, Southlake Orthopaedics*

12:10 pm – 12:40 pm

**Focused Lunch Presentation**

\*CME credit not available

### **Breakout Session 6A – Upper Extremity (Seagrape I)**

Moderator: Justin Kunes, MD, *Wellstar / Children's of Atlanta*

12:45 pm – 12:49 pm

94 - Feasibility of Asynchronous Post-Operative Follow-Up for Awake Hand Surgery

*Jakub Ratkowski, MD, West Virginia University*

12:49 pm – 12:53 pm	302 - Systematic Review of Outcomes after Double-Screw Fixation of Scaphoid Fractures <i>Miraj N. Desai, MD, Prisma Health/University of South Carolina - Columbia</i>
12:53 pm – 12:57 pm	6 - Cannabis Use Impact on Post-Operative Complications following Wrist Fracture Fixation <i>Blake P. Prieskorn, BS, West Virginia School of Osteopathic Medicine</i>
12:57 pm – 1:01 pm	347 - The Minimum Necessary Internal Rotation after Dominant-Side Reverse Shoulder Arthroplasty <i>Victoria E. Bindi, BS, University of Florida College of Medicine</i> <i>*Presented by Robert J. Cueto, MD</i>
1:09 pm – 1:15 pm	Discussion
1:15 pm – 1:19 pm	396 - Optimal Timing of Reverse Shoulder Arthroplasty for Proximal Humerus Fractures <i>Aghdas Movassaghi, BS, Orthopaedic Center of Palm Beach County</i> <i>*Presented by Vani J. Sabesan, MD</i>
1:19 pm – 1:23 pm	198 - All-Suture Anchor Bankart Repair: Examining the Effect of Bone Loss Injuries <i>Campbell Aiken, BA, American Sports Medicine Institute</i> <i>*Presented by Christopher Garrett, MD</i>
1:23 pm – 1:27 pm	144 - Triceps Tendon Reconstruction with Semitendinosus Grafting for Chronic Distal Insufficiency <i>Nikhil Vallabhaneni, BA, Medical University of South Carolina</i>
1:27 pm – 1:31 pm	271 - Shoulder Arthroplasty Trends in Osteoporotic Patients With and Without Osteoporotic Drug Therapy <i>Prasenjit Saha, BA, Johns Hopkins</i>
1:31 pm – 1:35 pm	126 - Reconstruction of Pectoralis Major Tendon Ruptures with Achilles Tendon Allograft <i>Rebecca Byrd, BS, Medical University of South Carolina</i>
1:39 pm – 1:35 pm	Discussion

**Breakout Session 6B – Reconstruction (Seagrape 2)**

Moderator: Anna Cohen-Rosenblum, MD, MSc, *New York University Langone*

12:45 pm – 12:49 pm	189 - Differing Anesthesia Practices in Outpatient Total Hip and Knee Arthroplasty <i>Clayton Wing, MD, Mayo Clinic Jacksonville</i>
12:49 pm – 12:53 pm	37 - Comparing Survivorship of Symmetric vs. Asymmetric Tibial Augments in Aseptic Revision Total Knee Arthroplasty <i>Justin Leal, BS, Duke University</i>
12:53 pm – 12:57 pm	209 - Impact of Testosterone Therapy on Total Joint Arthroplasty Outcomes <i>Eve R. Glenn, BSc, Johns Hopkins University School of Medicine</i>
12:57 pm – 1:01 pm	10 - Rural vs. Urban PROMs after Primary TKA <i>Caleb Morgan, MD, Marshall University School of Medicine</i>
1:01 pm – 1:12 pm	Discussion
1:12 pm – 1:16 pm	76 - Comparison of Surgeon-Generated and Prosthesis Manufacturer Templating in THA <i>Allyson N. Pfeil, BS, Fondren Orthopedic Research Institute</i>
1:16 pm – 1:20 pm	212- Testosterone Deficiency and Joint Arthroplasty Outcomes – A Large Claims Study <i>Eve R. Glenn, BSc, Johns Hopkins University School of Medicine</i>
1:20 pm – 1:24 pm	268 - Evaluating Post-Operative Opioid Strategies in Total Hip Arthroplasty: Combined Therapy vs. Monotherapy <i>Neel Sandella, BA, Rothman Orthopaedics Florida at AdventHealth</i>
1:24 pm – 1:35 pm	Discussion
<b>Breakout Session 6C – Pediatrics (Bald Eagle Boardroom)</b>	
Moderators: Lindsay Crawford, MD, <i>University of Texas Health</i> Stephanie Ihnow, MD, <i>University of Florida</i>	
12:45 pm – 12:49 pm	99 - ABCs of PEMs: Assessing and Improving the Readability of Patient Educational Materials in Pediatric Orthopedics <i>Oceane Mauffrey, BS, University of North Carolina</i>

12:49 pm – 12:53 pm	183 - Changes to Sagittal Inclination Change Absolute Measurements of Femoral Version <i>Benjamin Wong, BS, Vanderbilt University Medical Center</i> <i>*Presented by Riley Gilbertson</i>
12:53 pm – 12:57 pm	251 - Intraoperative Mobility and Southwick Angle Change Predicts SCFE Epiphyseal Stability <i>Katherine S. Hajdu, BS, Vanderbilt University School of Medicine</i> <i>*Presented by Sam Kavarana</i>
12:57 pm – 1:01 pm	162 - Sex Differences in the Clinical Presentation of Pediatric Spondylolisthesis <i>Brigitte A. Lieu, BA, Virginia Commonwealth University School of Medicine</i>
1:01 pm – 1:10 pm	Discussion
1:10 pm – 1:14 pm	123 - Evaluating Opportunity Cost for Pediatric Orthopedic Outreach Clinics <i>Caitlyn N. Patton, MD, West Virginia University</i>
1:14 pm – 1:18 pm	143 - Gender Differences in Academic Productivity amongst Pediatric Orthopaedic Surgeons <i>McKenzie A. Mayer, BS, Hackensack Meridian School of Medicine</i>
1:18 pm – 1:22 pm	382 - Classification Patterns and Outcomes of Pediatric Phalangeal Neck Fractures <i>Anagh Astavans, BS, Johns Hopkins University School of Medicine</i>
1:22 pm – 1:26 pm	199 - High Complication Rate for All Ballistic Proximal Femur Fractures? <i>Nainisha Chintalapudi, MD, Atrium Health Musculoskeletal Institute</i> <i>*Presented by Madeline Rieker, MD</i>
1:26 pm – 1:35 pm	Discussion
<b>Breakout Session 6D – General Interest (Seagrape 3)</b> Moderator: R. Carter Cassidy, <i>University of Kentucky</i>	
12:45 pm – 12:49 pm	353 - Consideration of Updated Breast Cancer Screening in Female Orthopaedic Surgeons

*Nicolette Ann Schurhoff, BS, University of Miami Miller School of Medicine*

12:49 pm – 12:53 pm

373 - Tuning In: Exploring the Impact of Orthopaedic Podcasts on Learning and Engagement  
*Elisheva Knopf, BS, Orthopaedic Center of Palm Beach County*

12:53 pm – 12:57 pm

57 - Quality Assessment of Hip and Knee Arthroplasty Randomized Controlled Trials  
*Logan S. Carpenter, BSc, University of Virginia*

12:57 pm – 1:08 pm

Discussion

1:08 pm – 1:12 pm

258 - Artificial Intelligence-Scribes: Enhancing after Visit Summary Readability  
*Edward L. Major, BS, University of Kentucky College of Medicine*

1:12 pm – 1:16 pm

49 - Orthopaedic Trainee Perspectives on Diagnosing and Managing Hip and Knee Periprosthetic Joint Infections  
*Tracy Borsinger, MD, University of Virginia*  
*\*Presented by Joseph R. Fontana, BA*

1:16 pm – 1:20 pm

109 - Fixed- vs. Adjustable-Loop Cortical Fixation for ACL Reconstruction  
*Benjamin Wharton, BA, University of Colorado School of Medicine*

1:20 pm – 1:24 pm

381 - Immersive Virtual Reality Surgical Simulation to Increase Medical Student Confidence and Surgical Knowledge in Orthopaedics  
*Aghdas Movassaghi, BS, Orthopaedic Center of Palm Beach County*  
*\*Presented by Lana Smith*

1:24 pm – 1:35 pm

Discussion

1:35 pm – 2:35 pm

**Scientific E-Poster Session** (Presenters are available to answer questions)  
*(Seagrape 1, Seagrape 2, Bald Eagle Boardroom, Seagrape 3 & Seagrape 4)*