

**Presented by Glenn G. Shi, MD*

- 7:24 am – 7:28 am 283 - Akin Osteotomies: Determining if Fixation Affects Clinical and Radiographic Outcomes
Dylan Crawford, BA, University of South Carolina School of Medicine, Columbia
- 7:28 am – 7:32 am 206 - Early Outcomes of Coronal Plane Alignment and Restoration of Normal Foot Width after Modified Lapidus Arthrodesis for Correction of Hallux Valgus across Diverse Patient Characteristics
Gemini E. Morales, BS, Florida Medical Clinic Orlando Health
- 7:32 am – 7:35 am Discussion
- Breakout Session 1B – Upper Extremity (Fillmore Room)**
Moderators: Sneha R. Rao, MD, *Wake Forest University*
 John S. Taras, MD, *West Virginia University*
- 7:05 am – 7:09 am 11 - Ulnar Neuropathy within 12 Months following Humerus Fracture Fixation
Jordan H. Ginder, MS, Drexel Medical School
- 7:09 am – 7:13 am 190 - Management Techniques for Zone 1 Flexor Digitorum Profundus Injuries
Taylor Rakauskas, BS, Florida Atlantic University Charles E. Schmidt College of Medicine
- 7:13 am – 7:17 am 237 - Inflammatory Arthritis and PIP Arthroplasty Outcomes in Young Patients
Paul J. Pottanat, MD, Medical University of South Carolina
**Presented by Riley Baker, MD*
- 7:17 am – 7:20 am Discussion
- 7:20 am – 7:24 am 174 - Safety of Outpatient Hand Surgery without PACU Visit
Peter M. Murray, MD, Mayo Clinic
- 7:24 am – 7:28 am 233 - Incidence of Intervention for Symptomatic Arthritis following Distal Radius Fracture
Alexander Ment, BA, Medical University of South Carolina
**Presented by J. Ryan Allen, MD*

7:28 am – 7:32 am 238 - Never Too Old? Nerve Transfers Succeed after 60
Madeline Rieker, MD, Atrium Health Carolinas Medical Center

7:32 am – 7:35 am Discussion

Breakout Session 1C – Practice Management (*Tyler Room*)

Moderators: CAPT Marlene DeMaio, Medical Corps, US Navy (ret); MD, EdD
Lance Wehrly, MD, *Lakeview Regional Physician Group*

7:05 am – 7:09 am **SOA Medical Student Travel Grant Award**
341 - Patient Perceptions of Artificial Intelligence-
Generated Clinical Notes in Orthopaedic Care
*Edward L. Major, BS, University of Kentucky College of
Medicine*

7:09 am – 7:13 am 73 - Declining Medicare Reimbursement Rates for
Orthopaedic Surgery Procedures, 2013-2023
*Mohammed D Albotabeekh, BS, Texas Tech University
Health Sciences Center El Paso*

7:13 am – 7:17 am 84 - Perceptions and Treatment Preferences among
Orthopaedic Patients Seeking Second Opinions
*Siddharth Jasti, BS, Florida International University
Herbert Wertheim College of Medicine*

7:17 am – 7:20 am Discussion

7:20 am – 7:24 am 262 - The Impact of Step 1 and 2 on Orthopaedic Surgery
Residency Interviews
Sophia Kocher, MS, Duke University School of Medicine

7:24 am – 7:28 am 331 - Case-Type Variation in Orthopaedic Surgery Noise
Levels
*Emilio A Ihde, BS, Eastern Virginia Medical School at Old
Dominion University*

7:28 am – 7:32 am 241- Trends and Regional Variations in Reimbursement for
Intertrochanteric Femur Fractures
Manav H. Shah, BS, University of Central Florida

7:32 am – 7:35 am Discussion

Breakout Session 1D – Pediatrics (*Grant Room*)

Moderator: Keith R. Bachmann, MD, *University of Virginia*

- 7:05 am – 7:09 am 202 - Body Mass Index Predicts Complexity in Gartland II/III Supracondylar Fractures
Sam Kavarana, BS, Vanderbilt University School of Medicine
**Presented by Jackson Appelt*
- 7:09 am – 7:13 am 146 - Divergent Trajectories: Platelet Consumption Signals Decompensation while the Crossover Marks Recovery in Severe Pediatric MSKI
Riley Gilbertson, BA, Vanderbilt University
**Presented by Connor Charton, MSc*
- 7:13 am – 7:17 am 83 - Treatment and Outcomes of Pediatric Ballistic Tibia Fractures
William Walsh, BA, University of Texas Health Science Center San Antonio
- 7:17 am – 7:20 am Discussion
- 7:20 am – 7:24 am 122 - Outcomes of Suspected Fetal Clubfoot Identified on First Trimester Ultrasound
Miriam Sheetz, BS, SUNY Downstate College of Medicine
- 7:24 am – 7:28 am 293 - Intraoperative Radiation Exposure in Navigated Pedicle Screw Placement for Adolescent Idiopathic Scoliosis
Emily G. Koch, BA, McGovern Medical School at UTHealth Houston
- 7:28 am – 7:32 am 215 - Preserving the Epiphysis: Treating Pediatric Posterior Hips without Trochanteric Osteotomy
Albert Cordoves, BS, Vanderbilt University School of Medicine
- 7:32 am – 7:35 am Discussion

Breakout Session 1E – Spine (Jackson Room)

Moderators: James P. Lawrence, MD, MBA, *Medical University of South Carolina*
Michael Spitnale, MD, *Prisma Health*

- 7:05 am – 7:09 am 352 - Non-Operative Treatment of Spinal Fractures in Diffuse Idiopathic Skeletal Hyperostosis: Outcomes from a Ten-Year Retrospective Series
Ashley Gall, MD, St Louis University Hospital

- 7:09 am – 7:13 am 247 - Transabdominal Motor Evoked Potentials as a Robust Adjunct to Transcranial Monitoring in Lumbar Spine Surgery: Superior Performance in Patients with Brain Pathology
Sydney Rucker, BA, Medical University of South Carolina
- 7:13 am – 7:17 am 409 - A Propensity-Matched Comparison of Cervical Disc Arthroplasty and Cervical Fusion
Aidan Gillespie, BS, Medical University of South Carolina
**Presented by Sydney Rucker, BA*
- 7:17 am – 7:20 am Discussion
- 7:20 am – 7:24 am 250 - Intraoperative Neuromonitoring in Diabetic Spine Surgery Patients: A Multivariate Model for Predicting Neurological Risk
Sydney Rucker, BA, Medical University of South Carolina
- 7:24 am – 7:28 am 51 - The Impact of Social Media for Orthopaedic Spine Surgeons
Joseph D. Lee, BS, Elson S. Floyd College of Medicine
- 7:28 am – 7:32 am 210 - The Effect of Preoperative Bisphosphonates on Single-Level Cervical Fusion Outcomes
Wing Yun Au, BS, University of Virginia
- 7:32 am – 7:35 am Discussion
- 7:40 am – 8:10 am Focused Breakfast Presentation**
**CME credit not available*
- 8:20 am – 8:40 am Break – Please visit exhibits (Colonial Hall)**
- Symposium 1 – The Generalist on Call: Top Tips for Getting through the Night**
Moderators: Jillian McAngus, MD, *Family and Friends Orthopedics*
Philip Holzknicht, MD, *Sentara Southern Virginia Orthopedics*
- 8:40 am – 8:50 am Hip Fractures
Giselle M. Hernandez, MD, University of Miami
- 8:50 am – 9:00 am Ankle Fractures
Jess Mullens, MD, University of South Alabama
- 9:00 am – 9:10 am Pediatric Forearm / Elbow
Keith R. Bachmann, MD, University of Virginia

9:10 am – 9:20 am Septic Arthritis of the Knee
Michael T. Talerico, MD, University of Florida

9:20 am – 9:30 am Hand Emergencies
Leslie E. Sisco-Wise, MD, Ochsner Health

9:30 am – 9:40 am Questions / Discussion

RESIDENT AWARD SESSION

Moderator: *Anna Cohen-Rosenblum, MD, NYU Langone Health*

9:40 am – 9:46 am **SOA Presidents' Resident Award Winner**
226 - Placebo-Controlled Trial of Opioids for Breakthrough
Pain after ACL Reconstruction
Gregory Darville, BS, Emory University

9:46 am – 9:52 am **Harley & Betty Baxter Resident Award Winner**
76 - Does Ten Minutes of Intraoperative Nerve Stimulation
Improve Outcomes following Nerve Transfer?
*Madeline Rieker, MD, Atrium Health Carolinas Medical
Center*

9:52 am – 9:58 am **Harley & Betty Baxter Resident Award Winner**
359 - Cylindrical vs. Standard Casts in the Treatment of
Supracondylar Humerus Fractures
G. Dillon Graham, MD, Atrium Health/OrthoCarolina

9:58 am – 10:04 am **SOA / OREF Resident Award Winner**
323 - Antibiotic Suppression after Two-Stage Exchange
Arthroplasty Reduces Treatment Failure
*Alexander B. White, MD, Atrium Health Carolinas Medical
Center*

10:04 am – 10:10 am **SOA / OREF Resident Award Winner**
21 - Methylprednisolone Taper after Total Knee
Arthroplasty: A Prospective Single-Blinded Randomized
Trial
Kevin Y. Heo, MD, Emory University

10:10 am – 10:16 am **SOA / OREF Resident Award Winner**
314 - Mid-Term Outcomes of Stemless aTSA: Comparison
of Subscapularis Management Techniques
*Trevor Wolterink, MD, Medical University of South
Carolina*

10:16 am – 10:23 am Discussion

- 10:23 am – 10:29 am **Cynthia L. Lichtefeld Resident Travel Grant Award Winner**
42 - Return to Hunting and Fishing after Total Knee Arthroplasty
Brett M. Lowden, MD, BS, Marshall University School of Medicine
- 10:29 am – 10:35 am **Harley & Betty Baxter Resident Travel Grant Award Winner**
239 - Cefazolin Plus Gentamicin vs. Ceftriaxone for Gustilo-Anderson Type III Open Lower Extremity Fractures
Cameron Foster, MD, University of Florida-Jacksonville
- 10:35 am – 10:41 am **SOA Resident Travel Grant Award Winner**
324 - Arthroscopic Pectoralis Minor Release, Neurogenic Thoracic Outlet Syndrome in Athletes
Evan Bailey, MD, Emory University School of Medicine
- 10:41 am – 10:47 am **SOA Resident Travel Grant Award Winner**
80 - Can CRP-Albumin Ratio Predictor of DAIR Outcomes and Infection Chronicity?
Stephen Graham, MD, MSc, OrthoCarolina
- 10:47 am – 10:53 am **SOA Resident Travel Grant Award Winner**
23 - Effects of Surgeon Volume on Medicare Reimbursement in Primary THA
Alexander S. Guareschi, MD, University of Tennessee-Campbell Clinic
- 10:53 am – 11:00 am Discussion
- 11:00 am – 11:20 am** ***Break – Please visit exhibits (Colonial Hall)***
- General Session 1 – L. Andrew Koman, MD Distinguished Southern Orthopaedist**
Moderator: James A. Browne, MD, *University of Virginia*
**CME credit not available*
- 11:20 am – 11:25 am Introduction
James A. Browne, MD, University of Virginia
- 11:25 am – 11:50 am Prosthetic Joint Infection-My 40-Year Journey
Thomas K. Fehring, MD, Atrium Health Carolinas Medical Center

11:50 am – 12:20 pm

Focused Lunch Presentation

**CME credit not available*

Breakout Session 2A – Sports Medicine (*Van Buren Room*)

Moderators: Derik Geist, MD, *West Virginia University*

Claude T. Moorman III, MD, *Atrium Health*

12:25 pm – 12:29 pm

356 - Impact of the Maragos Lawsuit on Orthopaedic Surgeons' Willingness to Serve as Team Physicians and Interest in Sports Medicine Roles

Jocelyn Lubert, MD, Orthopaedic Center of Palm Beach County

12:29 pm – 12:33 pm

33 - Femoral Tunnel Reaming Method in ACL Reconstruction Cannot Be Determined from Plain Radiographs Alone

Jeremy Burnham, MD, FAAOS, Ochsner Medical Complex

**Presented by Anthony Drazick, MD*

12:33 pm – 12:37 pm

37 - Collegiate Pitchers Attitudes Toward Fastball Velocity and UCL Injury Risk

Benjamin W. King, BS, Emory University School of Medicine

12:37 pm – 12:41 pm

159 - Two-Year Patient-Reported Outcomes following Primary and Revision Hip Arthroscopy

Joseph Blommer, BS, University of Maryland School of Medicine

**Presented by Tyler Przygocki, BS*

12:41 pm – 12:45 pm

308 - Cumulative Environmental Effects on Mid-Term Outcomes for Hip Arthroscopy Patients

Rishi Earla, BA, Mass General Brigham

12:45 pm – 12:49 pm

369 - The Effect of Week Length and Playing Surface on Ankle Injuries in the National Football League

Zev Karve, BS, Orthopaedic Center of Palm Beach County

**Presented by Maya Behura*

12:49 pm – 12:55 pm

Discussion

12:55 pm – 12:59 pm

277 - Impact of Remote Physical Therapy on Rotator Cuff Outcomes

Zachary Langston, MS, Hawkins Foundation

- 12:59 pm – 1:03 pm 39 - Online Public Interest in Ulnar Collateral Ligament Repair vs. Reconstruction
Brody Westbrook, BS, Emory University School of Medicine
- 1:03 pm – 1:07 pm 40 - Return to Performance in MLB Position Players following UCL Surgery
Evan Bailey, MD, Emory University School of Medicine
- 1:07 pm – 1:11 pm 45 - Autograft ACLR Failure Rates in Patients Younger than 25 Years-Old
Camryn B Petit, BS, Augusta University
- 1:11 pm – 1:15 pm 101 - Performance Outcomes following Oblique Strain Injuries in MLB Players
Wilson Narducci, University of Alabama at Birmingham
- 1:15 pm – 1:19 pm 162 - Preoperative Expectations and Two-Year Outcomes after Partial Meniscectomy
Dominic J. Ventimiglia, BS, University of Maryland School of Medicine
**Presented by Stefan Dabic, MD*
- 1:19 pm – 1:25 pm Discussion
- Breakout Session 2B – Adult Reconstruction (Fillmore Room)**
Moderators: Kevin Fricka, MD, *Anderson Orthopaedic Clinic*
Jeremy Ross, MD, *Virginia Commonwealth University Health*
- 12:25 pm – 12:29 pm 251 - Impact of Preoperative Education Course Participation on PROs after TJA
Anay Patel, MD, Fondren Orthopedic Research Institute
- 12:29 pm – 12:33 pm 258 - Comparative Inquiry Strategies for Improving PRO Engagement in Orthopaedic Surgery
Allyson N. Pfeil, BS, Fondren Orthopedic Group
- 12:33 pm – 12:37 pm **James A. Browne, MD Travel Grant Award**
65 - Virtual Care Hotel as an Alternative Recovery Pathway for Outpatient Total Joint Arthroplasty: Safety and Patient Experience
Jayanth Kumar, MD, Mayo Clinic Florida
- 12:37 pm – 12:41 pm 75 - Intraoperative Vasopressor Use and Risk of Early Periprosthetic Joint Infection
Trace Clark, BS, Marshall University Joan C. Edwards School of Medicine

12:41 pm – 12:45 pm	22 - Common Organisms in Periprosthetic Joint Infection: An International Survey <i>Stephen Graham, MD, MSc, OrthoCarolina</i>
12:45 pm – 12:49 pm	245 - Proximity and Socioeconomic Status Influence ASC Selection More than Comorbidity <i>Benjamin Wong, BS, Vanderbilt University Medical Center</i> <i>*Presented by Zayn Kayali, BS, MS</i>
12:49 pm – 12:55 pm	Discussion
12:55 pm – 12:59 pm	337 - Prospective Pain Threshold Measurements Predicting Long-Term Outcomes in Joint Arthroplasty <i>Morgan F. Pierce, BA, Duke Orthopaedics</i>
12:59 pm – 1:03 pm	126 - Factors Associated with Increased Length of Stay after Total Joint Arthroplasty <i>Marisa Brito, BS, Emory University School of Medicine</i> <i>*Presented by Emily Maguire</i>
1:03 pm – 1:07 pm	10 - Differences in Baseline Demographic Characteristic and Complexity of Patients Based on Distance Travelled to Academic Center for Surgery <i>Corinne Vennitti, University of Virginia</i> <i>*Presented by Shivam Gandhi, BS</i>
1:07 pm – 1:11 pm	31 - Reviewing the Google Reviews of Arthroplasty Surgeons: Patterns and Implications for Practice Evaluation and Improvement <i>Jarod T. Griffin, MD, University of Kentucky</i>
1:11 pm – 1:15 pm	232 - GLP-1 Receptor Agonists and 90-Day Readmission and Reoperation after Aseptic Revision Total Hip and Knee Arthroplasty <i>Aleksander Mika, MD, Mayo Clinic Florida</i>
1:15 pm – 1:19 pm	286 - Intraosseous Vancomycin Does Not Cause Vancomycin Infusion Reaction <i>Nigam Sheth, BS, MPH, Emory University</i> <i>*Presented by Anoop Chandrashekar, MD</i>
1:19 pm – 1:25 pm	Discussion

Breakout Session 2C – Trauma (Tyler Room)

Moderators: Ishvinder S. Grewal, MBBS, UT Southwestern Medical Center

Murphy P. Martin II, MD, *Tulane University School of Medicine*

- 12:25 pm – 12:29 pm 243 - Plain-Language Quality of AI-Generated Patient Instructions for Ambulatory Musculoskeletal Care
Sophia Kocher, MS, Duke University School of Medicine
- 12:29 pm – 12:33 pm 219 - Outpatient vs. Inpatient Management of Higher Severity Proximal Tibia Fracture Patterns
Calvin Chandler, MD, MBA, Carolinas Medical Center
- 12:33 pm – 12:37 pm **Benjamin A. Alman, MD Travel Grant Award**
325 - Assessing Fluoroscopy Effects on Dislocation after Hip Arthroplasty for
Emily Lewis, MD, PharmD, Prisma Health – Upstate
- 12:37 pm – 12:41 pm 133 - Two-Year Trends in Patient-Reported Outcomes following Acetabular Fracture Fixation
Robin M. Litten, MS, University of Tennessee Health Science Center
**Presented by Shaheryar Asad, BS*
- 12:41 pm – 12:45 pm 136 - The Fate of Stage I Masquelet Cement Spacers in Long Bone Reconstruction for Acute Fractures
Robin M. Litten, MS, University of Tennessee Health Science Center
**Presented by Alexis N. Alders, BS*
- 12:45 pm – 12:49 pm 396 - Survival Outcomes following Re-Excision for Unplanned Sarcoma Surgery
Kristen Dean, BS, University of Miami Miller School of Medicine
- 12:49 pm – 12:55 pm Discussion
- 12:55 pm – 12:59 pm 108 - Successful Single-Stage Outpatient Surgical Treatment of Tibial Plateau Fractures
Calvin Chandler, MD, MBA, Carolinas Medical Center
- 12:59 pm – 1:03 pm 372 - THA Conversion after Trochanteric Fixation in Fragility Hip Fractures
Jacob D. Goldstein, BS, UConn School of Medicine
- 1:03 pm – 1:07 pm 192 - Upper vs. Lower Extremity Fracture-Related Infections
Ryan McIlwain, BS, University of South Alabama College of Medicine

**Presented by Alexis N. Alders, BS*

1:07 pm – 1:11 pm

199 - Comparing Outcomes of Ballistic vs. Blunt Elbow Fractures

Ryan McIlwain, BS, University of South Alabama College of Medicine

**Presented by Shaheryar Asad, BS*

1:11 pm – 1:15 pm

214 - CMN vs SHS for Intertrochanteric Fractures in the ICD-10 Era: U.S. Trends, Costs, and In-Hospital Outcomes

Faheem Pottayil, BS, Medical College of Georgia

**Presented by Grace Ford*

1:15 pm – 1:19 pm

340 - Vaginal Estrogen Use and Perioperative Urinary Tract Infection Rate in Hip Fracture Patients

Alexandra L Damron, BS, Duke University Medical Center

1:19 pm – 1:25 pm

Discussion

Breakout Session 2D – Shoulder and Elbow (*Grant Room*)

Moderators: Joshua A. Baumfeld, MD, *Newburyport, MA*

Scott D. Mair, MD, *University of Kentucky Sports Medicine, Kentucky Clinic*

12:25 pm – 12:29 pm

Scott D. Mair, MD Travel Grant Award

140 - Is Humeral Stem Retention in Revision Shoulder Arthroplasty Advantageous?

Devin John, MD, Palm Beach Shoulder Service HCA Florida – Atlantis Orthopaedics

12:29 pm – 12:33 pm

E. Lyle Cain, MD Travel Grant Award

166 - Preoperative Expectations Predict Two-Year Patient-Reported Outcomes after Total Shoulder Arthroplasty

Stefan Dabic, MD, University of Maryland School of Medicine

12:33 pm – 12:37 pm

L. Andrew Koman, MD Travel Grant Award

244 - Medicare Reimbursement and Utilization Trends in Orthopaedic Shoulder Procedures

LaMiah Hall, BS, MPH, University of Alabama at Birmingham

12:37 pm – 12:41 pm

227 - The Impact of Achieved Reconstruction Geometry on Outcomes after Reverse Shoulder Arthroplasty: The Answer Lies in the Balance

Jesse Seilern und Aspang, MD, Emory University

- 12:41 pm – 12:45 pm 123 - The Tendon Seam Technique: A Novel Approach to Rotator Cuff Repair
James T. Frix, MD, Atrium Health Carolinas Medical Center
- 12:45 pm – 12:49 pm 165 - Met Expectations and Satisfaction Two Years after Total Shoulder Arthroplasty
Luke Pitsenbarger, MD, University of Maryland School of Medicine
**Presented by Ethan Yang, BA*
- 12:49 pm – 12:55 pm Discussion
- 12:55 pm – 12:59 pm 142 - When Does Clinical Improvement after Total Shoulder Arthroplasty Plateau?
Kevin A. Hao, MD, University of Florida
- 12:59 pm – 1:03 pm 168 - Intraoperative Platelet-Rich Plasma Reduces Rotator Cuff Retear Rates
Christopher Fleisher, BS, University of Kentucky College of Medicine
- 1:03 pm – 1:07 pm 381 - Are the Most Cited Shoulder Arthroplasty Studies Transparent? A Review of Implant Reporting and Industry Disclosures
Aghdas Movassaghi, BS, Orthopaedic Center of Palm Beach County
**Presented by Roya Osswald*
- 1:07 pm – 1:11 pm 99 - Reverse Shoulder Arthroplasty Shows Comparable Outcomes and Fewer Revisions
Andrew P. Hallmark, BA, University of Alabama at Birmingham
**Presented by Alexander Bergman*
- 1:11 pm – 1:15 pm 301 - Anatomic and Reverse Total Shoulder Arthroplasty for Patients with Glenoid Dysplasia and an Intact Rotator Cuff
Seifl Masry, MD, Mayo Clinic Florida
- 1:15 pm – 1:19 pm 346 - Evaluating the Benefits of Early Mobilization following Shoulder Arthroplasty: A Systematic Review
Zev Karve, BS, Charles E. Schmidt College of Medicine at Florida Atlantic University
**Presented by Hadiya Stewart*

1:19 pm – 1:25 pm

Discussion

Breakout Session 2E – Mixed Topics (*Jackson Room*)

Moderators: David C. Landy, MD, PhD, *OrthoVirginia*

Jillian McAngus, MD, *Family and Friends Orthopedics*

12:25 pm – 12:29 pm

370 - Flexor Tenotomy: Site-of-Service Equivalence in Safety and Outcomes

Dylan Crawford, BA, University of South Carolina School of Medicine Columbia

12:29 pm – 12:33 pm

246 - Safety of Outpatient Periacetabular Osteotomy

Joshua Joiner, MD, University of Kentucky

12:33 pm – 12:37 pm

342 - Suzetrigine in Multimodal Therapy Enables Opioid-Free Recovery after Arthroscopic Procedures

Jeffrey Moore, MD, West Clinical Research

12:37 pm – 12:41 pm

265 - Effect of Obliquity on Radiographic Metrics in Pediatric Supracondylar Fractures

Mason Chimenti, BS, UTHealth Houston McGovern Medical School

12:41 pm – 12:45 pm

392 - Metastatic Burden after Unplanned Sarcoma Excision

Jacob Jahn, BS, University of Miami- Miller School of Medicine

12:45 pm – 12:49 pm

365 - Union Rates of Patella Fractures Stratified by Age Older or Younger than 60 Years Old

Jesse Seamon, MD, Carilion Clinic

12:49 pm – 12:55 pm

Discussion

12:55 pm – 12:59 pm

280 - Characteristics of Multiple Revision ACL

Reconstructions: A Descriptive Study

Michael M. Crick, BS, American Sports Medicine Institute

12:59 pm – 1:03 pm

363 - ACLISS Does Not Predict Reoperation or Functional Outcomes after ACL Reconstruction

G. Dillon Graham, MD, Atrium Health/OrthoCarolina

1:03 pm – 1:07 pm

321- The Influence of Demographic Factors on Bone Marrow Aspirate Concentrate Volume Extracted from the Body of the Ilium

Blake C. Meza, MD, Massachusetts General Hospital

**Presented by Aidan Crawford*

- 1:07 pm – 1:11 pm 138 - Return to Sexual Function after Total Hip Arthroplasty
William A. Stone, BS, Marshall University School of Medicine
- 1:11 pm – 1:15 pm 402 - Intraoperative CO₂ Levels in Novel Surgical Helmets during Arthroplasty
Omar Syed, BS, Emory University
**Presented by Max McCall, MD*
- 1:15 pm – 1:19 pm 311 - Comparing the Efficacy of Minimal Clinically Important Difference Thresholds using Distribution-Based or Anchor-Based Estimations: A Systematic Review and Meta-Analysis
Brandon J. Allen, BA, Mass General Brigham
**Presented by Aidan Crawford*
- 1:19 pm – 1:25 pm Discussion

Symposium 2 – Innovations in Orthobiologics and Joint Preservation

Moderators: David S. Jevsevar, MD, MBA, *OrthoVirginia*
Claude T. Moorman III, MD, *Atrium Health*

- 1:30 pm – 1:42 pm MISHA Implant
David R. Diduch, MD, University of Virginia
- 1:42 pm – 1:54 pm High Tibial Osteotomy: What's Old is New Again
Michael W. Hartman, MD, LSU Health Sciences Center
- 1:54 pm – 2:06 pm Biologics for Osteoarthritis: Are We There Yet?
David C. Landy, MD, PhD, OrthoVirginia
- 2:06 pm – 2:18 pm Microfragmented Fat
Claude T. Moorman III, MD, Atrium Health
- 2:18 pm – 2:30 pm Questions / Discussion
- 2:30 pm – 3:30 pm **Scientific E-Poster Session** (*Fillmore, Tyler, Grant, Van Buren and Jackson Rooms*) (Presenters are available to answer questions)

Friday, July 24

6:00 am – 7:00 am **Scientific E-Poster Session** (*Fillmore, Tyler, Grant, Van Buren and Jackson Rooms*) (Presenters are available to answer questions)

6:55 am – 7:00 am **Welcome, Announcements and Overview**
Anna Cohen-Rosenblum, MD, *NYU Langone Health*

Breakout Session 3A – Tumor (*Van Buren Room*)

Moderators: Timothy (Max) Hoggard, MD, *University of Virginia*
Cynthia M. Kelly, MD, *Colorado Limb Consultants*

7:05 am – 7:09 am 125 - Anti-Resorptive Therapy and Pathologic Fracture Risk in Appendicular Skeletal Metastases
Thomas L. Karadimas, BS, USF Health Morsani College of Medicine
**Presented by Joseph Redding, BS*

7:09 am – 7:13 am 373 - Determinants of Local Recurrence in Pelvic Chondrosarcoma
Joseph Redding, BS, USF Health Morsani College of Medicine

7:13 am – 7:17 am 147 - Augmented Reality Guidance for Targeted Re-resection of Positive Margins
Sakshi Krishna, BS, Vanderbilt University

7:17 am – 7:20 am Discussion

7:20 am – 7:24 am 382 - Local Recurrence Patterns following Unplanned Sarcoma Excision
Jacob Jahn, BS, University of Miami Miller School of Medicine

7:24 am – 7:28 am 385 - Oncologic Sequelae after Unplanned Sarcoma Excision
Kristen Dean, BS, University of Miami Miller School of Medicine

7:28 am – 7:32 am 393 - Comparing Outcomes for Proximal Tibia Replacement: Tumors and Metastatic Disease
Linhan J. Ha, BS, University of South Alabama Whiddon College of Medicine

7:32 am – 7:35 am Discussion

Breakout Session 3B – Upper Extremity (*Fillmore Room*)

Moderators: A. Bobby Chhabra, MD, *University of Virginia*
Peter M. Murray, MD, *Mayo Clinic*

7:05 am – 7:09 am 361 - UCL Repair and Reconstruction Outcomes in
Gymnasts
Ryan Serbin, MD, Atrium Health Musculoskeletal Institute

7:09 am – 7:13 am 36 - Fixation Strategies for Metacarpal Fractures: A
Comparative Study
*William Walsh, BA, University of Texas Health Science
Center San Antonio*

7:13 am – 7:17 am 64 - Worker's Compensation Status Predicts DRF ORIF
Complications
Kaleb Patterson, BSA, Baylor College of Medicine

7:17 am – 7:20 am Discussion

7:20 am – 7:24 am 14 - A Cross Sectional Analysis of Finger Injuries in Jiu-
Jitsu
Adam Tickal, BS, University of Alabama at Birmingham
**Presented by Ashleigh Pyle, BS*

7:24 am – 7:28 am 348 - Dorsal vs. Volar Corrective Osteotomy for Distal
Radius Malunion: A Meta-Analysis
*Emilie Lijesen, BS, University of Florida College of
Medicine*
**Presented by Bradley S. Schoch, MD*

7:28 am – 7:32 am 249 - Trends in Medicare Reimbursement and Utilization
for Traumatic vs. Elective Orthopaedic Hand Procedures
*LaMiah Hall, BS, MPH, University of Alabama at
Birmingham*

7:32 am – 7:35 am Discussion

Breakout Session 3C – Pediatrics (Tyler Room)

Moderators: Lindsay M. Crawford, MD, *UT Health Houston*
Michael P. Horan, MD, *Prisma Health, Columbia*

7:05 am – 7:09 am 86 - Investigation of Thermal Injury following Plaster and
Synthetic Cast Application
*Nicholas Koumontzis, MS, West Virginia University School
of Medicine*

- 7:09 am – 7:13 am 145 - Relative Thrombocytopenia Signals Failed Containment in Pediatric Musculoskeletal Infection
Riley Gilbertson, BA, Vanderbilt University
**Presented by Connor Charton, MSc*
- 7:13 am – 7:17 am 223 - Anatomy vs. Biology: Determinants of Stiffness in Pediatric Elbow Fractures
August Kim, BS, Vanderbilt University School of Medicine
- 7:17 am – 7:22 am Discussion
- 7:22 am – 7:26 am 285 - Effect of Obliquity on Radiographic Metrics in Pediatric Supracondylar Fractures
Simon Lalehzarian, MD, MHA, MS, University of Alabama at Birmingham
- 7:26 am – 7:30 am 127 - Lateral Arcade is Dominant Rescue Pathway in Supracondylar Humerus Fractures
Ryan Seltzer, MD, Vanderbilt University School of Medicine
- 7:30 am – 7:35 am Discussion

Breakout Session 3D – Total Knee Arthroplasty (*Grant Room*)

Moderators: Tracy Borsinger, MD, *University of Virginia*
Katharine Harper, MD, *FRCSC, MedStar Orthopedic Institute*

- 7:05 am – 7:09 am 167 - Friction Blisters from Dermabond Prineo after Total Knee Arthroplasty
Zayn Kayali, BS, MS, Vanderbilt University School of Medicine
**Presented by River Fine, BS*
- 7:09 am – 7:13 am 326 - Robotic-Assisted Isolated Polyethylene Exchange: A Case Series Report
Liam M. Cleary, MD, Marshall University
- 7:13 am – 7:17 am 366 - Interobserver Reproducibility of Manual Gap Assessment during Robotic-Assisted Total Knee Arthroplasty
Clint Comadoll, BS, Campbell University School of Osteopathic Medicine
- 7:17 am – 7:20 am Discussion

- 7:20 am – 7:24 am 404 - Keloidosis is Associated with an Increased Risk for Developing Arthrofibrosis after Total Knee Arthroplasty
Amil R. Agarwal, MD, Johns Hopkins Hospital
**Presented by Jonathan Sayegh, BS*
- 7:24 am – 7:28 am 407 - Association between Timing of Cellulitis Diagnosis Prior to Total Knee Arthroplasty and Two-Year Risk of Periprosthetic Joint Infection: A Stratum-Specific Likelihood Ratio Study
Amil R. Agarwal, MD, Johns Hopkins Hospital
**Presented by Jonathan Sayegh, BS*
- 7:28 am – 7:32 am 216 - Reproducibility of PearlDiver Knee Arthroplasty Studies: Phase I Analysis
Kara McConaghy, MD, University of Virginia
- 7:32 am – 7:35 am Discussion
- Breakout Session 3E – Total Hip Arthroplasty (Jackson Room)**
Moderators: Brian M. Curtin, MD, *OrthoCarolina*
Michele R. D’Apuzzo, MD, *University of Miami*
- 7:05 am – 7:09 am 82 - BCIS Grade Fails to Show an Association with Mortality following Hip Arthroplasty for Fracture
John F Burke, MD, University of Virginia
**Presented by Charlie Engh, MS, MD*
- 7:09 am – 7:13 am 267 - Subsidence and Two-Year Outcomes of a Cementless Triple-Tapered Femoral Stem
Corey F. Hryc, PhD, Fondren Orthopedic Research Institute
**Presented by Allyson N. Pfeil, BS*
- 7:13 am – 7:17 am **Anna Cohen-Rosenblum, MD Travel Grant Award**
129 - Preoperative GLP-1 Exposure vs. Bariatric Surgery Before THA: A Claims-Based Comparison of Complications, Length of Stay, and 90-Day Costs
Kara McConaghy, MD, University of Virginia
- 7:17 am – 7:20 am Discussion
- 7:20 am – 7:24 am 66 - Osteoporosis Medication Choice and Association with Periprosthetic Fracture in THA
Miles Hollimon, BS, Medstar Georgetown University Hospital

7:24 am – 7:28 am 93 - Distinct Clinical Presentations of Trunionosis With and Without Gross Trunion Failure
Marisa Brito, BS, Emory University School of Medicine
**Presented by Max McCall, MD*

7:28 am – 7:32 am 68 - Hip Abductor Strength as a Predictor of THA Outcomes
Andrew Huffman, BS, Marshall University

7:32 am – 7:35 am Discussion

7:45 am – 8:15 am **Focused Breakfast Presentation**
**CME credit not available*

8:25 am – 8:45 am *Break – Please visit exhibits (Colonial Hall)*

Symposium 3 – Advocacy in Orthopaedic Surgery

Moderators: Wilford K. Gibson, MD, *President of American Academy of Orthopaedic Surgeons*
Trevor M. Owen, MD, *Carilion Clinic*

8:45 am – 8:57 am Orthopaedic Surgeon Participation in Physician Advocacy is No Longer Optional in 2026
Stephen M. Engstrom, MD, MBA, Vanderbilt University

8:57 am – 9:09 am The Importance of State Societies
Trevor M. Owen, MD, Carilion Clinic

9:09 am – 9:21 am Prior Authorization Challenges
Wilford K. Gibson, MD, President of American Academy of Orthopaedic Surgeons

9:21 am – 9:37 am How to Get Involved
Paul Lichstein, MD, Novant Health

9:37 am – 9:45 am Questions / Discussion

Symposium 4 – Artificial Intelligence in Orthopaedics: Don't Get Left Behind!

Moderator: Christian A. Péan, MD, *Duke University*

9:45 am – 9:57 am Personalized, AI-Enabled Osteoarthritis Care at Scale: The Payer Perspective
Prakash Jayakumar, MD, PhD, University of Texas

9:57 am – 10:09 am How Will Increasing Usage of AI Impact Medical Malpractice Litigation?

Bruce G. Gehle, JD, Piedmont Liability Trust

10:09 am – 10:21 am

Balanced Peer Review in the Era of Artificial Intelligence
James A. Browne, MD, University of Virginia

10:21 am – 10:33 am

Agentic AI to Automate Accountable Care and Enhance
Clinician Productivity
Christian A. Pean, MD, Duke University

10:33 am – 10:45 am

Questions / Discussion

10:45 am – 11:05 am

Break – Please visit exhibits (Colonial Hall)

General Session 2 – Angus M. McBryde Jr., MD Presidential Guest Speaker

Moderator: James A. Browne, MD, *University of Virginia*

**CME credit not available*

11:05 am – 11:10 am

Introduction
James A. Browne, MD, University of Virginia

11:10 am – 11:55 am

Thorough the Crystal Ball: What the 2026 Midterms
Reveal About Leadership, American Institutions, and Our
Future
Larry J. Sabato, University of Virginia

11:55 am – 12:25 pm

Focused Lunch Presentation
**CME credit not available*

Breakout Session 4A – Basic Science (Van Buren Room)

Moderators: Nicholas Arpey, MD, *Northwestern University*

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

12:30 pm – 12:34 pm

294 - Artificial Intelligence is a Reliable Tool for Power
Analysis Calculations
*Andrew R. Moya, MD, University of Miami Miller School
of Medicine*

12:34 pm – 12:38 pm

205 - Systemic Trauma Disrupts Circadian Rhythms and
Impairs Distal Musculoskeletal Healing
*Sam Kavarana, BS, Vanderbilt University School of
Medicine*
**Presented by Jackson Appelt*

12:38 pm – 12:42 pm

209 - Metastatic Trauma: Systemic Injury Hijacks the
Healing Program of Muscle

Albert Cordoves, BS, Vanderbilt University School of Medicine

12:42 pm – 12:45 pm

Discussion

12:45 pm – 12:49 pm

230 - Last to Fuse, First to Fail: A New Acetabular Paradigm

August Kim, BS, Vanderbilt University School of Medicine

12:49 pm – 12:53 pm

296 - Evaluating the Utility of Artificial Intelligence in Conducting Systematic Reviews

Robert Carrier, DO, University of Miami

12:53 pm – 12:57 pm

411 - Does AI Know Right from Wrong? LLM Performance on Ethics Scenarios

Karishma Desai, BS, Emory Orthopaedics

12:57 pm – 1:00 pm

Discussion

Breakout Session 4B – Sports Medicine (*Fillmore Room*)

Moderators: E. Lyle Cain, MD, *Andrews Sports Medicine and Orthopaedic Center*
Jeffrey A. Macalena, MD, *University of Minnesota*

12:30 pm – 12:34 pm

103 - Accuracy and Reliability of Chat-GPT4 in Answering Sports Medicine Questions

Fahad Nadeem, BS, University of Alabama at Birmingham

**Presented by Zachary ElFallah*

12:34 pm – 12:38 pm

320 - Pain Flares After Hip Arthroscopy Do Not Impair One-Year Functional Outcomes

Rachel Poutre, BS, Massachusetts General Hospital

**Presented by Rishi Earla, BA*

12:38 pm – 12:42 pm

28 - Transphyseal ACL Reconstruction using Combined Quadriceps Tendon Autograft and Modified Lemaire Tenodesis vs. Isolated Hamstring Autograft

Alexander B. White, MD, Atrium Health Carolinas Medical Center

12:42 pm – 12:45 pm

Discussion

12:45 pm – 12:49 pm

38 - Epidemiology of Ulnar Collateral Ligament Injuries in Collegiate Baseball Players

Benjamin W. King, BS, Emory University School of Medicine

- 12:49 pm – 12:53 pm 69 - Knee Injury Incidence following Patellofemoral Pain:
A Retrospective Study
Jeremy Burnham, MD, FAAOS, Ochsner Medical Complex
**Presented by Anthony Drazick, MD*
- 12:53 pm – 12:57 pm 158 - Predictors of PROMIS Function and Pain
Improvement following Hip Arthroscopy
*Luke Pitsenbarger, MD, University of Maryland School of
Medicine*
**Presented by Isabelle Hannula, BA*
- 12:57 pm – 1:00 pm Discussion
- Breakout Session 4C – Total Hip Arthroplasty (Tyler Room)**
Moderators: Molly A. Hartzler, MD, *Atrium Health Wake Forest Baptist*
Matthew Stein, MD, *Medical University of South Carolina*
- 12:30 pm – 12:34 pm 50 - Does Intraoperative Hypotension Increase 90-Day
Readmissions after Total Hip Arthroplasty?
*Nicholas W. Scarl, BS, Marshall University Joan C.
Edwards School of Medicine*
- 12:34 pm – 12:38 pm 263 - Survivorship of Collared vs Collarless Press-Fit
Triple-Tapered Femoral Stems
Anay Patel, MD, Fondren Orthopedic Research Institute
- 12:38 pm – 12:42 pm 264 - DMARD Use and Outcomes following Total Hip
Arthroplasty
Nigam Sheth, BS, MPH, Emory University
**Presented by Anoop Chandrashekar, MD*
- 12:42 pm – 12:45 pm Discussion
- 12:45 pm – 12:49 pm 332 - Management of Displaced Femoral Neck Fractures:
Does Fellowship Training Matter?
Morgan F. Pierce, BA, Duke Orthopaedics
- 12:49 pm – 12:53 pm 49 - Increasing Procedural Volume and Economic Impact
of Revision Total Hip Arthroplasty for Hip Instability in
the United States
Joseph D. Lee, BS, Elson S. Floyd College of Medicine
- 12:53 pm – 12:57 pm 203 - Revision and Dislocation Rates in Anterior vs
Posterior THA
*Zayn Kayali, BS, MS, Vanderbilt University School of
Medicine*

12:57 pm – 1:00 pm Discussion

Breakout Session 4D – Total Knee Arthroplasty (*Grant Room*)

Moderators: Matthew J. Dietz, MD, *West Virginia University*
Andrew Schwartz, MD, *Duke University*

12:30 pm – 12:34 pm 362 - Total Knee Arthroplasty POD1 Ambulation and Association with Functional Outcomes
Benjamin Wooten, BS, Marshall University Joan C. Edwards School of Medicine

12:34 pm – 12:38 pm 44 - Manual vs. Robotic-Assisted Revision Total Knee Arthroplasty for Instability
Alexander Burbelo, BS, Marshall University

12:38 pm – 12:43 pm 304 - Metformin Use Is Associated with Reduced Postoperative Intervention for Arthrofibrosis
Robert Carrier, DO, University of Miami

12:43 pm – 12:45 pm Discussion

12:45 pm – 12:49 pm 115 - Lipid Contamination during Tibial Cementation: Incidence, Origin, and Implant Design Impact
Emily R. Oleisky, BA, Vanderbilt University Medical Center

12:49 pm – 12:53 pm 260 - Inconsistent Reporting of Alignment and Soft Tissue Balancing in Robotic TKA Literature
Allyson N. Pfeil, BS, Fondren Orthopedic Group

12:53 pm – 12:57 pm 347 - Alcohol Use Disorder Increases Ten-Year Revision Risk following Knee Arthroplasty
Andrew Fealy, BS, The George Washington University School of Medicine and Health Sciences
**Presented by Samuel R. Wertz, BA*

12:57 pm – 1:00 pm Discussion

Breakout Session 4E – Spine (*Jackson Room*)

Moderators: John G. DeVine, MD, *Agusta University*
Gregory Grabowski, MD, *Prisma Health*

12:30 pm – 12:34 pm 378 - Lumbar Disc Arthroplasty vs. Anterior Lumbar Interbody Fusion in Young Adult Patients

*Robert J. Ferdon, BS, MS, University of South Carolina -
School of Medicine - Columbia*

12:34 pm – 12:38 pm

24 - Impact of Menopausal Status on Postoperative Outcomes following Cervical Disc Replacement
Shivam Gandhi, BS, University of Virginia School of Medicine

12:38 pm – 12:42 pm

387 - Effect of Liposomal Bupivacaine on Narcotic Consumption following Lumbar Fusion
Brooke Brady, BS, BA, UT Southwestern Medical Center

12:42 pm – 12:45 pm

Discussion

12:45 pm – 12:49 pm

208 - Clinical Outcomes and Complications Associated with Spinal Decompression Surgery in Patients Over 90 Years Old: A Retrospective Analysis
Daniel O'Keefe, MD, AdventHealth/Rothman Orthopaedics Florida

12:49 pm – 12:53 pm

253 - Preoperative Injectable Testosterone Therapy and Outcomes after Lumbar Fusion
Farhad A. Marzook, MS, University of Texas Medical Branch
**Presented by Reyhan Meetheen, MS*

12:53 pm – 12:57 pm

375 - Impact of Cannabis Use Disorder on Perioperative and Long-Term Outcomes following Anterior Cervical Discectomy and Fusion
Robert J. Ferdon, BS, MS, Medical University of South Carolina

12:57 pm – 1:00 pm

Discussion

1:25 pm – 2:25 pm

Scientific E-Poster Session (*Fillmore, Tyler, Grant, Van Buren and Jackson Rooms*) (Presenters are available to answer questions)

1:30 pm – 4:00 pm

SOA Resident Course – **Resident / Fellow Primer for the Transition to Practice** (*Crystal Room*)
**CME credit not available*

Saturday, July 25

6:00 am – 7:00 am **Scientific E-Poster Session** (*Fillmore, Tyler, Grant, Van Buren and Jackson Rooms*) (Presenters are available to answer questions)

6:55 am – 7:00 am **Welcome, Announcements and Overview**
Anna Cohen-Rosenblum, MD, NYU Langone Health

Breakout Session 5A – Sports Medicine (*Van Buren Room*)

Moderators: Per Brolinson, DO, *University of Virginia*
 Dana Lycans, MD, *Marshall University*

7:05 am – 7:09 am 297 - Cam Lesion Size Predicts Severity of Chondral Labral Junction Breakdown
Peter E. Baglien, DO, Naval Medical Center San Diego
**Presented by Aidan Crawford*

7:09 am – 7:13 am 318 - Effect of Postoperative Weight Change on Patient-Reported Outcomes following Hip Arthroscopy
Rachel Poutre, BS, Massachusetts General Hospital

7:13 am – 7:17 am 98 - Off-the-Shelf Cartilage Restoration for Focal Knee Defects: KOOS Outcomes Review
Joshua Broussard, BS, Louisiana State University School of Medicine New Orleans
**Presented by Alexander Bergman*

7:17 am – 7:20 am Discussion

7:20 am – 7:24 am 156 - Sex Differences in Two-Year PROs among Athletes after ACL Reconstruction
Joseph Blommer, BS, University of Maryland School of Medicine
**Presented by Matthew Chrencik, BS*

7:24 am – 7:28 am 160 - Predictors of Two-Year Functional Outcomes in Arthroscopic Partial Meniscectomy
Matthew Chrencik, BS, University of Maryland School of Medicine

7:28 am – 7:32 am 200 - Timing of Isotretinoin Exposure and Early Postoperative Complications after Anterior Cruciate Ligament Reconstruction
Areeb Ahmad, BS, Rothman Orthopaedics Florida at AdventHealth

7:32 am – 7:35 am Discussion

Breakout Session 5B – Upper Extremity (Fillmore Room)

Moderators: Kacy J. Peek, MD, *University of Virginia*
Amy P. Trammell, MD, *Atrium Health Wake Forest*

- 7:05 am – 7:09 am 47 - Do Open Distal Radius Fractures Require Urgent Fixation: A Propensity-Matched Analysis of the Epic Cosmos Database
Kevin Y. Heo, MD, Emory University
- 7:09 am – 7:13 am 56 - Does Timing of Surgical Debridement Affect Outcomes in Open Distal Radius Fractures: An Institutional Analysis
Tarah K. Wagner, MS, BS, Emory University School of Medicine
- 7:13 am – 7:17 am 94 - Trigger Finger Management Cost Analysis: Initial Injection vs. Immediate Surgery
Alexander Ment, BA, Medical University of South Carolina
**Presented by Riley Baker, MD*
- 7:17 am – 7:20 am Discussion
- 7:20 am – 7:24 am 63 - A Decade of Change in Distal Radius Fracture Management: An Analysis of U.S. Emergency Department and Surgical Trends Data
Tarah K. Wagner, MS, BS, Emory University School of Medicine
- 7:24 am – 7:28 am 96 - Recent Trends in Tendon Rupture after Volar Distal Radius Plating
Jared J. Reid, MD, Medical University of South Carolina
**Presented by J. Ryan Allen, MD*
- 7:28 am – 7:32 am 289 - Evaluation of Inter and Intra-Observer Reliability of Modified Walch Classification
Russell Edafetanure-Ibeh, MLS, MPH, MS, Johns Hopkins University
- 7:32 am – 7:35 am Discussion

Breakout Session 5C – Shoulder and Elbow (Tyler Room)

Moderators: Alison Cabrera, MD, *UT Southwestern Medical Center*
Christopher J. Tuohy, MD, *Wake Forest Baptist Health*

- 7:05 am – 7:09 am 401 - Impact of Preoperative Narcotic Use on Outcomes following Primary Anatomic and Reverse Shoulder Arthroplasty
John Abdelshadeed, BS, University of Central Florida
**Presented by Zachary A. Grand, BS*
- 7:09 am – 7:13 am 398 - Accuracy of Preoperative Planning in Predicting Postoperative Range of Motion following Reverse Shoulder Arthroplasty: A Systematic Review and Meta-Analysis
Lana Smith, University of Georgia
**Presented by Mahan Miryala, BS*
- 7:13 am – 7:17 am 204 - Statin Therapy is Not Associated with Inferior Postoperative Outcomes after Arthroscopic Rotator Cuff Repair: A Systematic Review and Meta-Analysis
Areeb Ahmad, BS, Rothman Orthopaedics Florida at AdventHealth
- 7:17 am – 7:20 am Discussion
- 7:20 am – 7:24 am 113 - Revision Reverse Shoulder Arthroplasty Yields Inferior Outcomes Compared with Primary
Clark Baker, BA, MS, UAB Heersink School of Medicine
**Presented by Mason Haller, BS*
- 7:24 am – 7:28 am 107 - High Humeral Metaphyseal Filling Ratios Favor ORIF Over Revision Arthroplasty
Jackson Byrd, MS, University of Alabama at Birmingham
**Presented by Camille Crane, DO*
- 7:28 am – 7:32 am 299 - Effect of Area Deprivation Index on Clinical Outcomes after TSA
Trevor Wolterink, MD, Medical University of South Carolina
- 7:32 am – 7:35 am Discussion

Breakout Session 5D – Trauma (Grant Room)

Moderator: Giselle M. Hernandez, MD, *University of Miami*

- 7:05 am – 7:09 am 322 - One-Year Outcomes of Tibial Plateau Fractures With/Without Cruciate Ligament Injury
Kellen Worhacz, MD, University of Arizona - Phoenix
**Presented by Sarah Pirkle, MD*

- 7:09 am – 7:13 am 9 - Influence of Delayed Range of Motion on Outcomes and Complications in Bicondylar Tibial Plateau Fractures
Blake Hamil, University of Florida-Jacksonville
- 7:13 am – 7:17 am 25 - Predictors of Preoperative Complications in the Management of Ankle Fractures
William F. McCormick, BS, East Tennessee State University
**Presented by Abe Diviney, BS*
- 7:17 am – 7:20 am Discussion
- 7:20 am – 7:24 am 330 - Outcomes of Intramedullary vs. Plate Fixation in Pilon Fracture Treatment
Brian Sweeney, MD, MBA, Carolinas Medical Center
- 7:24 am – 7:28 am 3 - Does Cephalomedullary Nail Design and Canal Fill Influence Risk of Varus Collapse in Subtrochanteric Femur Fractures?
Alex Moses, MD, UF Health Jacksonville
- 7:28 am – 7:32 am 228 - BMI on Recovery after Operative Fixation of Tibial Plateau Fractures
Ashlyn A. Callan, BS, MS, Albert Einstein College of Medicine
- 7:32 am – 7:35 am Discussion

Breakout Session 5E – Adult Reconstruction (Jackson Room)

Moderator: Brett R. Levine, MD, *Medstar Orthopaedic Institute*

- 7:05 am – 7:09 am 207 - Steroid-Induced Osteonecrosis Is Associated with Higher Readmission Rates and Costs in Total Hip Arthroplasty: A Matched Cohort Study
Clare K Green, MD, University of Virginia
- 7:09 am – 7:13 am 413 - Sickle-Cell Disease is Associated with Greater Rates of PJI and Revision Ten Years after Osteonecrosis-Indicated THA
Sukrit Suresh, MBBS, BSc, MRCS, Johns Hopkins Hospital
- 7:13 am – 7:17 am 306 - GLP-1 Receptor Agonist Use Does Not Affect Early Postoperative Glycemia
Andrew R. Moya, MD, University of Miami Miller School of Medicine
**Presented by Natalia Cruz-Ossa, MD*

- 7:17 am – 7:20 am Discussion
- 7:20 am – 7:24 am 97 - NGS is Indicated in Patients with PJI
Suhas Nalla, MS, Dallas Fort Worth Sarcoma Group/ Medical City of Plano Hospital
- 7:24 am – 7:28 am 274 - Projected Case Volume and Economic Burden of Revision TKA for Instability
Vivek A. Pisharody, BA, Emory University School of Medicine
**Presented by Nigam Sheth, BS, MPH*
- 7:28 am – 7:32 am 4 - Pilot to Assess Mindfulness Training for Total Joint Patients
Shannon N. Greenwood, MS, Campbell University
- 7:32 am – 7:35 am Discussion
- 7:40 am – 8:25 am **Focused Breakfast Presentation**
**CME credit not available*

General Session 3 – AAOS and OREF Reports

Moderator: James A. Browne, MD, *University of Virginia*
**CME Credit not available*

- 8:25 am – 8:35 am OREF Report
Lee Grossman, OREF
- 8:35 am – 8:50 am AAOS Report
Wilford K. Gibson, MD, President of American Academy of Orthopaedic Surgeons

Concurrent Symposium 5A – Debates in Total Joint Arthroplasty

Moderators: Gregory G. Polkowski II, MD, MSCR, *Vanderbilt University*
Antonia Chen, MD, MBA, *UT Southwestern Medical Center*

- 8:55 am – 9:00 am Debate 1: Robotics Improves Outcomes after TKA
Pro: *Ian M. Duensing, MD, University of Virginia*
- 9:00 am – 9:05 am Debate 1: Robotics Improves Outcomes after TKA
Con: *Andrew Schwartz, MD, Duke University*
- 9:05 am – 9:10 am Discussion

9:10 am – 9:15 am	Debate 2: Dual Mobility Should Be Used in Every Primary THA Pro: <i>TBD</i>
9:15 am – 9:20 am	Debate 2: Dual Mobility Should Be Used in Every Primary THA Con: <i>Ryan Martin, MD, Vanderbilt University</i>
9:20 am – 9:25 am	Discussion
9:25 am – 9:30 am	Debate 3: Elderly Females with Osteoporosis Should All Have Cemented THA Pro: <i>Matthew J. Dietz, MD, West Virginia University</i>
9:30 am – 9:35 am	Debate 3: Elderly Females with Osteoporosis Should All Have Cemented THA Con: <i>Katharine Harper, MD, FRCSC, MedStar Orthopedic Institute</i>
9:35 am – 9:40 am	Discussion
9:40 am – 9:45 am	Debate 4: A Little Varus Never Hurt Anyone: Aim for Kinematic Alignment Pro: <i>Michele R. D'Apuzzo, MD, University of Miami</i>
9:45 am – 9:50 am	Debate 4: A Little Varus Never Hurt Anyone: Aim for Kinematic Alignment Con: <i>Molly A. Hartzler, MD, Atrium Health Wake Forest Baptist</i>
9:50 am – 9:55 am	Discussion
9:55 am – 10:00 am	Debate 5: Cementless TKA Is the Future: 20 Years from Now, Cemented TKA Will Be Rare Pro: <i>Kevin Fricka, MD, Anderson Orthopaedic Clinic</i>
10:00 am – 10:05 am	Debate 5: Cementless TKA Is the Future: 20 Years from Now, Cemented TKA Will Be e Rare Con: <i>Brett R. Levine, MD, Medstar Orthopaedic Institute</i>
10:05 am – 10:10 am	Discussion

Concurrent Symposium 5B – Spine - Who Goes First? (Crystal Room)

Moderator: Gregory Grabowski, MD, *Prisma Health*

8:55 am – 9:15 am Lumbar Spine vs. Hip/Knee

John G. DeVine, MD, Augusta University

9:15 am – 9:35 am

Cervical Spine vs Shoulder
Michael Spitnale, MD, Prisma Health

9:35 am – 9:55 am

Spine Trauma in the Setting of Poly Trauma
James P. Lawrence, MD, MBA, Medical University of South Carolina

9:55 am – 10:10 am

Questions / Discussion

10:10 am – 10:35 am

Break – Please visit exhibits (Colonial Hall)

Symposium 6 – The One Biggest Innovation in My Specialty in the Last Five Years

Moderators: A. Bobby Chhabra, MD, *University of Virginia*
Michael P. Bolognesi, MD, *Duke University*

10:35 am – 10:45 am

Hand
Ronit Wollstein, MD, University of Alabama

10:45 am – 10:55 am

Foot and Ankle
Glenn G. Shi, MD, Mayo Clinic, Jacksonville

10:55 am – 11:05 am

Pediatrics
Lindsay M. Crawford, MD, UT Health Houston

11:05 am – 11:15 am

Trauma
Holly Tyler-Paris Pilson, MD, Atrium Health Wake Forest Baptist

11:15 am – 11:25 am

Spine
Melissa M. Erickson, MD, Duke University

11:25 am – 11:35 am

Questions / Discussion

General Session 4 – Presidential Address, Second Business Meeting

Moderator: Anna Cohen-Rosenblum, MD, *NYU Langone Health*
**CME credit not available*

11:35 am – 11:45 am

Second Business Meeting
James A. Browne, MD, University of Virginia

11:45 am – 12:05 pm

The Shoreline Remains: The Enduring Spirit of the SOA
James A. Browne, MD, University of Virginia

12:05 pm – 12:25 pm

Focused Lunch Presentation

**CME credit not available*

Breakout Session 6A – Adult Reconstruction (*Van Buren Room*)

Moderators: Ian M. Duensing, MD, *University of Virginia*
Paul Lichstein, MD, *Novant Health*

- 12:30 pm – 12:34 pm 405 - Quantitative Ultrasound as a Screening Tool for Bone Quality in Total Knee Arthroplasty
Amil R. Agarwal, MD, Johns Hopkins Hospital
**Presented by Jonathan Sayegh, BS*
- 12:34 pm – 12:38 pm 55 - Evaluating Quality of Total Knee Arthroplasty Educational Content on TikTok
Trace Clark, BS, Marshall University Joan C. Edwards School of Medicine
- 12:38 pm – 12:42 pm 151 - Smarter Pain Management: Predicting Opioid Refills after Total Joint Arthroplasty
Sakshi Krishna, BS, Vanderbilt University
- 12:42 pm – 12:45 pm Discussion
- 12:45 pm – 12:49 pm 116 - Parallax Problem: Misinterpreting Fluoroscopy Costs Acetabular Cup Accuracy in THA
Emily R. Oleisky, BA, Vanderbilt University Medical Center
- 12:49 pm – 12:53 pm 353 - Periprosthetic Fractures after Knee Arthroplasty in Patients Under 60
Eric Cui, BS, George Washington
- 12:53 pm – 12:57 pm 212 - Preoperative GLP-1 Exposure vs. Bariatric Surgery before TKA: A Claims-Based Comparison of Complications, Length of Stay, and 90-Day Costs
Clare K Green, MD, University of Virginia
**Presented by Shivam Gandhi, BS*
- 12:57 pm – 1:00 pm Discussion

Breakout Session 6B – Shoulder and Elbow (*Fillmore Room*)

Moderators: Michael W. Hartman, MD, *LSU Health Sciences Center*
Barry Phillips, MD, *Campbell Clinic Orthopaedics*

- 12:30 pm – 12:34 pm 118 - A Novel Handheld Computer Targeting System for Total Shoulder Arthroplasty
Kevin A. Hao, MD, University of Florida

- 12:34 pm – 12:38 pm 400 - The Use of Recombinant Human Bone Morphogenetic Protein-2 in Revision Reverse Shoulder Arthroplasty with Glenoid Bone Loss on Secondary Revision Surgery Rates with Minimum Two-Year Follow-Up
John Abdelshadeed, BS, University of Central Florida
**Presented by Zachary A. Grand, BS*
- 12:38 pm – 12:42 pm 153 - Predictors of Coracoid Graft Osteolysis after the Latarjet Procedure
Joe Dekle, BCHE, University of Alabama at Birmingham
**Presented by Wilson Narducci*
- 12:42 pm – 12:45 pm Discussion
- 12:45 pm – 12:49 pm 155 - Modern Glenoid Designs Show Comparable Outcomes in Anatomic TSA
Caleb Berta, BS, University of Alabama at Birmingham
**Presented by Camille Crane, DO*
- 12:49 pm – 12:53 pm 344 - Reliability and Agreement of Patient-Operated Smartphone Applications for Shoulder Range-of-Motion Assessment
Lana Smith, University of Georgia
**Presented by JaCorey Jones, MS*
- 12:53 pm – 12:57 pm 354 - Redefining Risk: The Need for Better Malnutrition Screening before Shoulder Arthroplasty
Jocelyn Lubert, MD, Orthopaedic Center of Palm Beach County
**Presented by Riccardo Madonia, MBS*
- 12:57 pm – 1:00 pm Discussion
- Breakout Session 6C – Sports Medicine (Tyler Room)**
Moderator: Michael J. O'Brien, MD, Tulane University
- 12:30 pm – 12:34 pm 163 - Predictors of PROMIS Pain Interference Two Years after Partial Meniscectomy
Michael McCurdy, BS, University of Maryland School of Medicine
**Presented by Karli Funk, PT, DPT, MS*
- 12:34 pm – 12:38 pm 218 - Single- or Double-Route Suture Tape Augmentation for MCL Repair?

Ryan Serbin, MD, Atrium Health Musculoskeletal Institute

12:38 pm – 12:42 pm

229 - Endoscopic Iliotibial Band Lengthening and Burssectomy Improves Outcomes in GTPS
Ashlyn A Callan, BS, MS, Albert Einstein College of Medicine

12:42 pm – 12:45 pm

Discussion

12:45 pm – 12:49 pm

164 - Predictors of PROMIS Pain Interference Two Years after Rotator Cuff Repair
Kathleen M. Healey, MD, University of Maryland School of Medicine
**Presented by Karli Funk, PT, DPT, MS*

12:49 pm – 12:53 pm

292 - Biceps Tenodesis during Rotator Cuff Repair has Doubled Since 2013
Zachary R. Krumm, BS, Eastern Virginia Medical School at Old Dominion University

12:53 pm – 12:57 pm

102 - Complications after Single-Incision Distal Biceps Tendon Repair: A Systematic Review
Micah C. Brock, MS, University of Alabama at Birmingham
**Presented by Zachary ElFallah*

12:57 pm – 1:00 pm

Discussion

Breakout Session 6D – Trauma (Grant Room)

Moderators: Holly Tyler-Paris Pilson, MD, *Atrium Health Wake Forest Baptist*
Michael T. Talerico, MD, *University of Florida*

12:30 pm – 12:34 pm

259 - Increased Mortality Risk after Proximal Humerus Fracture May be Driven by Comorbid Disease
Jasraj S. Raghuwanshi, BS, Carilion Clinic

12:34 pm – 12:38 pm

110 - Implications of Index Implant Choice for Distal Femur Nonunion Surgery
G. Dillon Graham, MD, Atrium Health Musculoskeletal Institute

12:38 pm – 12:42 pm

343 - Preoperative Malnutrition Predicts Mortality and Poorer Outcomes after Femur Fixation
Andrew Fealy, BS, George Washington University School of Medicine and Health Sciences
**Presented by Samuel R. Wertz, BA*

- 12:42 pm – 12:45 pm Discussion
- 12:45 pm – 12:49 pm 248 - Comparison of C-Arm Draping Techniques to Minimize Sterile Field Contamination
Owen M. Ball, MS, Virginia Tech Carilion School of Medicine
- 12:49 pm – 12:53 pm 217 - Association of Mood Disorders with Hospital Length of Stay after Open Fracture
Faheem Pottayil, BS, Medical College of Georgia
**Presented by Grace Ford*
- 12:53 pm – 12:57 pm 92 - Cost-Saving Innovation: Talon Distal Locking Speeds Humeral Procedures
Romney Andersen, MD, Riverside Health System
**Presented by Amy P. Trammel, MD*
- 12:57 pm – 1:00 pm Discussion
- Breakout Session 6E – Foot and Ankle** (*Jackson Room*)
Moderators: Albert T. Anastasio, MD, *Advocate Health*
Jess Mullens, MD, *University of South Alabama*
- 12:30 pm – 12:34 pm 77 - Complications and Patient Reported Outcome Measures after Minimally Invasive vs. Open Calcaneal Osteotomy: A Retrospective Study
Sarah Hall Kiriluk, MD, Walter Reed National Military Medical Center
**Presented by Preston Harrison, BS*
- 12:34 pm – 12:38 pm 62 - Radiation Exposure and Safety in MIS vs. Open Forefoot Procedures
Preston Harrison, BS, University of South Carolina School of Medicine Columbia
- 12:38 pm – 12:43 pm Discussion
- 12:43 pm – 12:47 pm 52 - Radiation Exposure and Safety in MIS vs. Open Bunion Correction
Preston Harrison, BS, University of South Carolina School of Medicine Columbia
- 12:47 pm – 12:51 pm 261 - Do Interval PROMIS Scores Correlate with Recovery Expectations following Gastrocnemius Recession in Plantar Fasciitis vs. Achilles Tendinopathy

Ashish Shah, MD, University of Alabama at Birmingham

12:51 pm – 12:55 pm

78 - Evaluation of Minimally Invasive Hindfoot Nails for the Treatment of Complex and Fragility Acute Ankle Fractures

Sarah Hall Kiriluk, MD, Walter Reed National Military Medical Center

**Presented by Dylan Crawford, BA*

12:55 pm – 1:00 pm

Discussion

1:30 pm – 2:30 pm

Scientific E-Poster Session (*Fillmore, Tyler, Grant, Van Buren and Jackson Rooms*) (Presenters are available to answer questions)