

SOA Scientific Program
July 26-29, 2023
(Presenters and times are subject to change.)

Thursday, July 27, 2023

6:00 am – 7:00 am **Scientific E-Poster Session**

7:00 am – 7:05 am **Welcome and Announcements**
Shawn R. Gilbert, MD, *University of Alabama at Birmingham*

SYMPOSIUM 1: The Next Decade in Total Hip Arthroplasty: Trends and Innovations

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

7:05 am– 7:10 am Introduction
James A. Browne, MD, University of Virginia

7:10 am – 7:17 am Virtual Reality, Augmented Reality, and Mixed Reality Becomes a Reality
Michael P. Bolognesi, MD, Duke University

7:17 am – 7:24 am Back to the Future: Cemented Stems are Coming Back!
Anna Cohen-Rosenblum, MD, Louisiana State University

7:24 am – 7:31 am TBD
Benjamin M. Wooster, MD, OrthoCarolina

7:31 am – 7:38 am Alternative Payment Models and Health Care Reform will Change the Game
C. Lowry Barnes, MD, University of Arkansas for Medical Sciences

7:38 am – 7:55 am Discussion

7:55 am – 8:10 am **First Business Meeting**

GENERAL SESSION 1: Sustainable Volunteering

*CME Credit Not Available

8:10 am – 8:25 am **Sustainable Volunteering**
Michael P. Horan, MD, Prisma Health Orthopedics

8:25 am – 8:55 am **Focused Breakfast Presentation**
*CME Credit Not Available

8:55 am – 9:15 am **Break – Please visit Exhibits**

RAPID FIRE SESSION 1A: Sports Knee

Moderators: TBD

9:15 am – 9:19 am 224 - Untreated Ruptures of the ACL: a 54 Year Follow-Up Study

Laura S. Dameron, Raleigh Orthopaedic Clinic

- 9:19 am – 9:23 am 351 - Eccentric Hamstring Strength Imbalance Among Football and Soccer Athletes
Elizabeth M. Benson, BS, University of Alabama at Birmingham
- 9:23 am – 9:27 am 21 - ACL Reconstruction with Nonirradiated Soft Tissue Allograft in Young Patients
Michael Dmytruk, BS, Wake Orthopaedics – WakeMed
- 9:27 am – 9:30 am Discussion
- 9:30 am – 9:34 am 386 - Epidemiology and Video Analysis of Hamstring Injuries in Professional Basketball
Joseph P. Costello, BS, University of Miami Miller School of Medicine
- 9:34 am – 9:38 am 167 - Clinical Outcomes after ACL Reconstruction with Contralateral Hamstring Augmentation
Thomas E. Moran, MD, University of Virginia
- 9:38 am – 9:42 am 272 - Meta-Analysis of Revision Anterior Cruciate Ligament Reconstruction with Quadriceps Tendon
Cody C. Ashy, BS, Medical University of South Carolina
- 9:42 am – 9:45 am Discussion

RAPID FIRE SESSION 1B: Foot & Ankle

Moderators: TBD

- 9:15 am – 9:19 am 234 - Obesity Significantly Impacts Patient Reported Outcomes After Total Ankle Arthroplasty
Billy Kim, BA, Duke University School of Medicine
- 9:19 am – 9:23 am 240 - Talar Neck Fractures with Ipsilateral Foot and Ankle Fractures Have a Higher Risk of AVN
Jeffrey A. Foster, MD, University of Kentucky
- 9:23 am – 9:27 am **SOA Resident Travel Grant Award Winner**
314 - Patient Reported Outcomes following Gastrocnemius Recession for Heel Pain
Ashish Shah, MD, University of Alabama at Birmingham
- 9:27 am – 9:30 am Discussion
- 9:30 am – 9:34 am 80 - Identification and Analysis of the Ankle Microbiome using Next-Generation Sequencing
Christopher E. Gross, MD, Medical University of South Carolina
- 9:34 am – 9:38 am 308 - Patient Reported Outcomes Following Gastrocnemius Recession for Plantar Fasciitis
Ashish Shah, MD, University of Alabama at Birmingham

9:38 am – 9:42 am 151 - Osteochondral and Ligament Injury in Ankle Fractures: A Multicenter Study
Dominic S. Carreira, MD, Peachtree Orthopedics

9:42 am – 9:45 am Discussion

RAPID FIRE SESSION 1C: Shoulder & Elbow

Moderators: TBD

9:15 am – 9:19 am 342 - Outcomes following Humeral Head Autograft Glenoid Reconstruction in Primary rTSA
Alexander Guareschi, BS, Medical University of South Carolina

9:19 am – 9:23 am 39 - Operative Time vs. Surgical Site Infection Following Total Shoulder Arthroplasty
Mark Schmitt, MS, Carilion Clinic Institute for Orthopaedics and Neurosciences

9:23 am – 9:27 am 47 - Safety, Pharmacokinetics, and Analgesia of HTX-011 in Total Shoulder Arthroplasty
Michael Cusick, MD, First Surgical Hospital

9:27 am – 9:30 am Discussion

9:30 am – 9:34 am 193 - Does Innovation Optimize Outcomes and Rate of Recovery after RSA?
Vani J. Sabesan, MD, Cleveland Clinic Florida

9:34 am – 9:38 am 95 - Cost Efficiency of TSA in an ASC vs. Hospital Setting
Daniel J. Scott, MBA, MD, Medical University of South Carolina

9:38 am – 9:42 am 166 - The Importance of Distalization Decreases with Increased Glenoid-Sided Lateralization for RSA
Brian C. Werner, MD, University of Virginia

9:42 am – 9:45 am Discussion

RAPID FIRE SESSION 1D: Hip Preservation/Hip Arthroplasty

Moderators: TBD

9:15 am – 9:19 am 387 - Comparing Contralateral Joint Space Width to Predict Conversion to THA
Nathan J. Cherian, Massachusetts General Hospital

9:19 am – 9:23 am 221 - Postoperative Effects of Anxiety and Depression in Hip Arthroscopy
Michael S. Rocca, MD, University of Maryland

9:23 am – 9:27 am 223 - Patient Reported Outcomes Predicting “Completely Better” Status After Hip Arthroscopy
Matthew Kolevar, MD, University of Maryland

- 9:27 am – 9:30 am Discussion
- 9:30 am – 9:34 am 60 - Ten-Year Survivorship, Outcomes, and Sport Participation in Athletes Following Primary Hip Arthroscopy for Femoroacetabular Impingement Syndrome with a Propensity-Matched Sub-Analysis Comparison Between Labral Repair and Labral Debridement
David R. Maldonado, MD, American Hip Institute
- 9:34 am – 9:38 am 363 - Machine Learning Validation to Predict Complications following Hip Arthroscopy
Richard C. Rice, MD, Loma Linda University Hospital
- 9:38 am – 9:42 am **Gregory Grabowski, MD Travel Grant Award**
222 - Preoperative Opioid Use Before Hip Arthroscopy Predicts Worse Baseline Measures
Michael S. Rocca, MD, University of Maryland
- 9:42 am – 9:45 am Discussion

RAPID FIRE SESSION 1E: Practice Management/Education

Moderators: TBD

- 9:15 am – 9:19 am 108 - Diversity and Inclusion Among National Presidents in American Orthopaedic Surgery
Jason Silvestre, MD, Howard University Hospital
- 9:19 am – 9:23 am 161 - Patient Communication and Technology Preferences in Orthopaedic Surgery
Jerry Chang, BS, Duke University School of Medicine
- 9:23 am – 9:27 am 356 - Shouldering the Load: Occupational Hazards in Shoulder Arthroplasty
Wilson Narducci, University of Alabama at Birmingham
- 9:27 am – 9:30 am Discussion
- 9:30 am – 9:34 am 343 - Evaluation of Orthopaedic Resident Sleep Quantity and Quality
Alyssa D. Althoff, MD, University of Virginia
- 9:34 am – 9:38 am 364 - Remote Arthroscopic Instruction Using Augmented Reality
Christopher D. Morgan, University of Alabama at Birmingham
- 9:38 am – 9:42 am 163 - Texas Geographic Trends in Reimbursement for TKAs from 2000 – 2020
Sydney Vangeli, BA, University of the Incarnate Word School of Osteopathic Medicine
- 9:42 am – 9:45 am Discussion

SYMPOSIUM 2: Health Care Disparities and How to Fix Them

Moderator: Holly Tyler-Paris Pilson, MD, *Wake Forest Baptist Health*

9:50 am – 10:45 am Panel: *Izuchukwu K. Ibe, MD, University of Mississippi*
Christian Pean, MD, Duke University
Holly Tyler-Paris Pilson, MD, Wake Forest Baptist Health

10:45 am – 11:05 am **Break – Please visit Exhibits**

GENERAL SESSION 2: OREF Report and Presidential Guest Speaker

Moderator: TBD

*CME Credit Not Available

11:05 am – 11:10 am **OREF Report**
Lee Grossman, OREF

11:10am – 11:15 am **Introduction of Presidential Guest Speaker**
H. Clayton Thomason III, MD, Carolina Orthopaedic & Sports Medicine

11:15 am – 11:50 am **Presidential Guest Speaker**
Travis Tygart, United States Anti-Doping Agency

11:50 am – 12:20 pm **Focused Lunch Presentation**
*CME Credit Not Available

RAPID FIRE SESSION 2A: Trauma

Moderators: TBD

12:25 pm – 12:29 pm 265 - Sleep Presentations During Hospitalization due to Orthopaedic Trauma
Jesse Seilern und Aspang, MD, Emory University School of Medicine

12:29 pm – 12:33 pm **Cynthia L. Lichtefeld Resident Travel Grant Award Winner**
257 - Low-Dose Short-Term Scheduled Ketorolac Reduces Opioid Use in Orthopaedic Polytrauma Patients
Jeffrey A. Foster, MD, University of Kentucky

12:33 pm – 12:37 pm 184 - Racial Disparities in Readmission Rates Within 30-Days Following Orthopaedic Surgery
Tristan Chari, BA, Duke University Medical Center

12:37 pm – 12:40 pm Discussion

12:40 pm – 12:44 pm 195 - Weight-Based Dosing and VTE Events in Operative Acetabular Fractures
Anna Meyer, MD, Emory University

12:44 pm – 12:48 pm 143 - Estimated Blood Loss Quiz: Comparing Approximation Accuracy across Specialties
Ryan W. Horn, MD, Medical University of South Carolina

12:48 pm – 12:52 pm 254 - Postoperative Infection Rate in Orthopaedic Trauma Unchanged by Vancomycin Powder

Christopher L. Robinson, BS, Medical University of South Carolina

12:52 pm – 12:55 pm Discussion

RAPID FIRE SESSION 2B: Foot & Ankle

Moderators: TBD

12:25 pm – 12:29 pm 310 - Factors Affecting Patient Reported Outcomes After Isolated Lisfranc Injury
Ashish Shah, MD, University of Alabama at Birmingham

12:29 pm – 12:33 pm 84 - Non-Operative Success of Treating Midfoot and Transverse Tarsal Joint Osteoarthritis
Christopher E. Gross, MD, Medical University of South Carolina

12:33 pm – 12:37 pm 12 - Bone Marrow Harvesting from the Calcaneus Bone: A Retrospective Analysis
Rodrigo Encinas, University of South Carolina School of Medicine

12:37 pm – 12:40 pm Discussion

12:40 pm – 12:44 pm 10 - Minimally Invasive Ultrasound Guided Percutaneous Fasciotomy for Chronic Plantar
Rodrigo Encinas, University of South Carolina School of Medicine

12:44 pm – 12:48 pm 131 - Analyzing the Educational Value of Achilles Tendinopathy-Related Videos on TikTok
Troy Q. Tabarestani, BA, Duke University School of Medicine

12:48 pm – 12:52 pm **Harley & Betty Baxter Resident Travel Grant Award Winner**
6 - Serum Fructosamine as an Indicator of Perioperative Complications in Patients Undergoing Foot and Ankle Surgery
Yu Min Suh, MD, University of North Carolina

12:52 pm – 12:55 pm Discussion

RAPID FIRE SESSION 2C: Shoulder & Elbow

Moderators: TBD

12:25 pm – 12:29 pm 239 - Incorporation of Arthroscopy into Olecranon Fracture Correction
Van Freischmidt, OrthoCollier

12:29 pm – 12:33 pm 33 - Clinical Outcomes of Radiocapitellar Reconstruction: A Systematic Review and Meta-Analysis
Evan Sandefur, BS, Virginia Tech Carilion

12:33 pm – 12:37 pm 270 - Partial Joint Denervation Yields Long-Term Analgesia for Refractory Lateral Epicondylitis
Arjun Verma, BS, Ochsner Sports Medicine Institute

12:37 pm – 12:40 pm Discussion

- 12:40 pm – 12:44 pm 271 - Artificial Intelligence Analysis of Scapula Dynamics Using Dynamic Digital Radiography
Zaamin Hussain, MD, EdM, Emory University
- 12:44 pm – 12:48 pm 359 - Anterior Shoulder Instability: Elastic Cerclage Biomechanically Superior to Screws
John N. Manfredi, BS, University of Alabama at Birmingham
- 12:48 pm – 12:52 pm 219 - Preoperative PROMIS Clusters Predict Two-Year Outcomes in Shoulder Surgery Patients
Tyler Beaudoin, BS, University of Maryland
- 12:52 pm – 12:55 pm Discussion

RAPID FIRE SESSION 2D: Tumor

Moderators: TBD

- 12:25 pm – 12:29 pm 134 - Outcomes in Lower Extremity Intercalary Allografts: Plates vs. Intramedullary Nails
Katherine S. Hajdu, BS, Vanderbilt University Medical Center
- 12:29 pm – 12:33 pm 253 - Radiologists vs. Radiomics: Predicting Myxoid Soft Tissue Tumor Diagnosis
Stephen W. Chenard, BScH, MSc, Vanderbilt University School of Medicine
- 12:33 pm – 12:38 pm Discussion
- 12:38 pm – 12:42 pm 187 - Effect of Perioperative Vancomycin on Infection Rate in Endoprosthetic Reconstruction
Stephen W. Chenard, BScH, MSc, Vanderbilt University School of Medicine
- 12:42 pm – 12:46 pm 148 - Incidence, Diversity, and Quality of Publications in Orthopaedic Trauma Literature
Trevor D. Ottofaro IV, MD, Medical University of South Carolina
- 12:46 pm – 12:50 pm 339 - Distal Femoral Replacement Outcomes in Oncologic Patients: Impact of Implant Characteristics
Moses I. Markowitz, BS, University of Miami Miller School of Medicine
- 12:50 pm – 12:55 pm Discussion

RAPID FIRE SESSION 2E: Pediatrics

Moderators: TBD

- 12:25 pm – 12:29 pm 269 - Clinical Intuition Ordinal Hierarchy of Pediatric Musculoskeletal Infection Adverse Outcomes
Malini Anand, BS, Vanderbilt University School of Medicine
- 12:29 pm – 12:33 pm 111 - Orthopaedic Manifestations of Tethered Cord in Spina Bifida: Survival Analysis

Michael J. Conklin, MD, University of Alabama at Birmingham

- 12:33 pm – 12:37 pm **Benjamin A. Alman, MD Travel Grant Award**
30 - The Prevalence of Hip Dysplasia Present on Screening Radiographs for Adolescent Idiopathic Scoliosis
Annemarie C. Galasso, MD, Medical University of South Carolina
- 12:37 pm – 12:40 pm Discussion
- 12:40 pm – 12:44 pm 125 - Neutrophil-to-Lymphocyte Ratio as a Diagnostic Tool for Pediatric Musculoskeletal Infections
Brian Q. Hou, BA, Vanderbilt University School of Medicine
- 12:44 pm – 12:48 pm 9 - Caregiver Provider Preferences for Their Child's Orthopaedic Surgeon
Anthony M. Padgett, BS, University of Alabama at Birmingham
**Presented by Elizabeth M. Benson, BS*
- 12:48 pm – 12:52 pm 183 - Outcomes of Surgical Management of Pediatric Medial Malleolar Fractures
Lindsay Crawford, MD, University of Texas Health
- 12:52 pm – 12:55 pm Discussion

CONCURRENT SYMPOSIUM 3A: Sports Knee

Moderator: William H. Thompson, MD, *TOC*

1:00 pm – 2:00 pm Titles/Speakers TBD

CONCURRENT SYMPOSIUM 3B: Spine Roundtable

Moderator: Gregory Grabowski, MD, *Palmetto Health at University of South Carolina*

1:00 pm – 2:00 pm **Fusion vs. Motion Preserving Cervical Spine Surgery**
Panel: John DeVine, MD, Augusta University
Steven Theiss, MD, University of Alabama at Birmingham
John France, MD, West Virginia University
Shari Cui, MD, Prisma Health/USC

2:00 pm – 3:00 pm **Scientific E-Poster Session**

Friday, July 28, 2023

6:00 am – 7:00 am **Scientific E-Poster Session**

7:00 am – 7:05 am **Announcements**
Shawn R. Gilbert, MD, University of Alabama at Birmingham

SYMPOSIUM 4: Trauma

Moderator: Thomas J. Moore, MD, *Grady Memorial Hospital*

7:05 am – 8:05 am Titles/Speakers TBD

GENERAL SESSION 3: Sustainable Volunteering Part 2

*CME Credit Not Available

8:05 am – 8:30 am **Sustainable Volunteering**
Michael P. Horan, MD, Prisma Health Orthopedics

8:30 am – 9:00 am **Focused Breakfast Presentation**
*CME Credit Not Available

9:00 am – 9:20 am **Break – Please visit Exhibits**

RAPID FIRE SESSION 3A: Sports Knee

Moderator: TBD

9:25 am – 9:29 am **E. Lyle Cain, MD Travel Grant Award**
135 - Outcomes following Lateral Opening Distal Femoral Osteotomy for Patellar Instability
Thomas E. Moran, MD, University of Virginia

9:29 am – 9:33 am 214 - Preoperative Expectations Predict Functional Status Two Years After Knee Surgery
Brandon Leon, BS, University of Maryland

9:33 am – 9:37 am 218 - Preoperative and Postoperative Met Expectations Clusters Predicts Knee Surgery Outcomes
Evan L. Honig, BA, University of Maryland

9:37 am – 9:40 am Discussion

9:40 am – 9:44 am 93 - Early Postoperative Complications and Associated Variables Following Tibial Tubercle Osteotomy
Alexander N. Berk, BS, OrthoCarolina

9:44 am – 9:48 am 28 - The Blumensaat Line on Lateral Radiograph as a Correlation of ACL Length Measured on MRI
Jeffrey Simpson, BS, University of Central Florida College of Medicine

9:48 am – 9:52 am 307 - Total Knee Arthroplasty as Isolated Treatment for Multiligamentous Knee Injury
Warren A. Williams, MD, Orlando Health

9:52 am – 9:55 am Discussion

RAPID FIRE SESSION 3B: Foot & Ankle

Moderator: TBD

9:25 am – 9:29 am 81 - Determining Bias in Ankle Replacement Studies Conducted by Design/Non-Design Surgeons
Trevor D. Ottofaro, MD, Medical University of South Carolina

- 9:29 am – 9:33 am 312 - Five Year PROM Following Brostrom-Gould Procedure for Lateral Ankle Instability
Ashish Shah, MD, University of Alabama at Birmingham
- 9:33 am – 9:37 am 122 - Nationally Representative Trends in incidence of Procedures Done Concomitantly with Primary and Revision Total Ankle from 2012-2020
Albert Anastasio, MD, Duke University School of Medicine
- 9:37 am – 9:40 am Discussion
- 9:40 am – 9:44 am **H. Clayton Thomason III, MD Travel Grant Award**
248 - Impact of Diabetes on Total Ankle Arthroplasty Complications
Benjamin Farley, MD, George Washington University
- 9:44 am – 9:48 am 152 - The Arthroscopic Broström-Gould Procedure: A Multicenter Outcome Study
Dominic S. Carreira, MD, Peachtree Orthopedics
- 9:48 am – 9:52 am **Scott D. Mair, MD Travel Grant Award**
130 - Analyzing the Educational Value of Ankle Sprain-Related Videos on TikTok
Albert Anastasio, MD, Duke University School of Medicine
- 9:52 am – 9:55 am Discussion

RAPID FIRE SESSION 3C: Shoulder & Elbow

Moderator: TBD

- 9:25 am – 9:29 am 133 - Utilizing Body Mass Index Cutoffs to Determine Eligibility for TSA
Ronit Kulkarni, BS, Medical University of South Carolina
- 9:29 am – 9:33 am 159 - Obesity Increases Risk of Rotator Cuff Injury: A Systematic Review & Meta-Analysis
Simone Herzberg, Vanderbilt Medical School
- 9:33 am – 9:37 am 333 - Screws Suture Button Glenoid Augmentation Constructs Biomechanically Similar: Systematic Review
Mohammad H. Qureshi, BS, BA, University of Alabama at Birmingham
- 9:37 am – 9:40 am Discussion
- 9:40 am – 9:44 am 384 - Latarjet Procedure: Biomechanical Analysis of Suture Button and Screws
John N. Manfredi, BS, University of Alabama at Birmingham
- 9:44 am – 9:48 am 40 - Effect of Smoking on Postoperative Complications Following Total Elbow Arthroplasty
Parker K. Chenault, BA, Carilion Clinic Institute for Orthopaedics and Neurosciences

9:48 am – 9:52 am 233 - Association between Social Media Activity and Patient Ratings in Shoulder and Elbow Surgeons: How Many ‘Likes’ for Five Stars?
Carlos A. Fernandez, HCA

9:52 am – 9:55 am Discussion

RAPID FIRE SESSION 3D: Hip Preservation/Hip Arthroplasty

Moderator: TBD

9:25 am – 9:29 am **SOA Resident Travel Grant Award Winners**
72 - Long-Term Outcomes in Arthroscopic Labral Treatment of Femoroacetabular Impingement in Adolescents with Nested Propensity-Matched Comparison
Paulo A. Padilla, MD, American Hip Institute

9:29 am – 9:33 am 2 - Perioperative Complications of Nonagenarians following Total Hip Arthroplasty
Nikit Venishetty, Paul L. Foster School of Medicine, Texas Tech University Health Sciences Center

9:33 am – 9:37 am 319 - Safety of Concomitant NSAID and Oral Anticoagulant Therapy after THA
Zachary Pearson, BS, Johns Hopkins University School of Medicine

9:37 am – 9:40 am Discussion

9:40 am – 9:44 am 74 - Accuracy of the Birmingham Hip Resurfacing Components Placement Using the Anterior Approach with Dual-Plane Fluoroscopy and Computer Navigation: A Radiographic Evaluation with Comparison to a Conventional Posterior Approach Control Group
Paulo A. Padilla, MD, American Hip Institute

9:44 am – 9:48 am **Dr. & Mrs. James A. Browne Travel Grant Award**
215 - Dual Mobility Articulation in Total Hip Arthroplasty: Mixed Femoral and Acetabular Components are a Feasible Option
Christopher Holland, MD, MS, Duke University

9:48 am – 9:52 am 332 - Operative Gluteus Medius Tears Often Present Concomitant History Lumbar Pathology
Mohammad H. Qureshi, BS, BA, University of Alabama at Birmingham

9:52 am – 9:55 am Discussion

RAPID FIRE SESSION 3E: Basic Science

Moderators: TBD

9:25 am – 9:29 am 355 - Fasting Before and After Fracture Accelerates Fracture Repair in Mice
Mark P. Karavan, MS, Duke University

- 9:29 am – 9:33 am 100 - The Results of 16S DNA-NexGen Sequencing in Culture-Negative PJI
Gerhard E. Maale, MD, Dallas Ft. Worth Sarcoma Group/Medical City Plano
- 9:33 am – 9:37 am 18 - Pilot Hole Size Effect on Screw Pullout Strength in Bone
Nathan Reyes, MD, University of the Pacific
- 9:37 am – 9:40 am Discussion
- 9:40 am – 9:44 am 383 - Evaluating Perfusion with Laser Doppler Flowmetry During Acetabular Labral Reconstruction
Nathan J. Cherian, Massachusetts General Hospital
- 9:44 am – 9:48 am 392 - PKC β II Inhibition as a Therapeutic Strategy Against Ischemia-Reperfusion Injury of Skeletal Muscle
Tameka C. Dean, DO, MS, Atrium Health Wake Forest Baptist
- 9:48 am – 9:52 am 250 - Non-Invasive Active Acoustics as Biomarkers of Early Periprosthetic Joint Effusions, a Cadaveric Study
Rahul K. Goel, MD, Emory University
- 9:52 am – 9:55 am Discussion

SYMPOSIUM 5: Total Knee Arthroplasty

Moderator: C. Lowry Barnes, MD, *University of Arkansas for Medical Sciences*

- 10:00 am – 11:00 am Titles/Speakers TBD
- 11:00 am – 11:20 am **Break – Please visit Exhibits**

GENERAL SESSION 4: L. Andrew Koman, MD Distinguished Southern Orthopaedist

Moderator: H. Clayton Thomason III, MD, *Carolina Orthopaedic & Sports Medicine*

*CME Credit Not Available

- 11:20 am – 11:25 am Introduction of L. Andrew Koman, MD Distinguished Southern Orthopaedist
H. Clayton Thomason III, MD, Carolina Orthopaedic & Sports Medicine
- 11:25 am – 12:10 pm L. Andrew Koman, MD Distinguished Southern Orthopaedist
Paul F. Lachiewicz, MD, Duke University
- 12:10 pm – 12:40 pm **Focused Lunch Presentation**
*CME Credit Not Available

RAPID FIRE SESSION 4A: Trauma

Moderators: TBD

- 12:45 pm – 12:49 pm **SOA Resident Travel Grant Award Winner**
255 - The Life Care Specialist and Pain Management in Orthopaedic Trauma

Jesse Seilern und Aspang, MD, Emory University School of Medicine

- 12:49 pm – 12:53 pm 128 - Full Weight-Bearing after Dual-Fixation of Clavicle Fractures is Safe and Effective: A Multicenter Comparative Study
Jack Twomey-Kozak, BS, Duke University School of Medicine
- 12:53 pm – 12:57 pm 146 - Multifactorial Lower Failure Rate in Surgically Treated Intertrochanteric Fractures
Ryan W. Horn, MD, Medical University of South Carolina
- 12:57 pm – 1:00 pm Discussion
- 1:00 pm – 1:04 pm 367 - Trends in Discussing Sexual Dysfunction and Fertility after Pelvic Trauma
Brianna L. Siracuse, MD, Emory University School of Medicine
- 1:04 pm – 1:08 pm 305 - Postoperative Weight-Bearing following Tibial Plateau Fractures: A Comparison Study
Warren A. Williams, MD, Orlando Health
- 1:08 pm – 1:12 pm 177 - Greater Trochanter Fractures: Current Evaluation and Management at a Single Institution
Jason A. Shah, MD, Emory University
- 1:12 pm – 1:15 pm Discussion

RAPID FIRE SESSION 4B: Total Knee

Moderators: TBD

- 12:45 pm – 12:49 pm 44 - Previous Extensor Mechanism Repair is Associated with Increased Rates of Lysis of Adhesions following Total Knee Arthroplasty (TKA): A Propensity Matched Analysis
Sean Sequeira, BS, Union Memorial Hospital
**Presented by Mark D. Wieland, MA*
- 12:49 pm – 12:53 pm 145 - Chronic Anticoagulation: Increased Complications following Revision Total Knee Arthroplasty
Corey A. Jones, MD, Emory University
- 12:53 pm – 12:57 pm 300 - Angular Deformities of the Knees: Clinical Examination and 2D/3D Assessments
Diane I. Ghanem, MD, The Johns Hopkins Hospital
- 12:57 pm – 1:00 pm Discussion
- 1:00 pm – 1:04 pm 5 - A Modern Multimodal Pain Protocol Eliminates the Need for Opioids for Most Patients Following Total Knee Arthroplasty: Results from a Retrospective Comparative Cohort Study
Leland van Deventer, BA, Louisiana State University Health Sciences Center

1:04 pm – 1:08 pm 77 - Outcomes of Synthetic Mesh Reconstruction of Extensor Mechanism Ruptures Following TKA
Logan Andryk, MD, Mayo Clinic, Jacksonville

1:08 pm – 1:12 pm 98 - Metal-Ion Allergies Associated with Higher Risk of Infection after TKAs
Gerhard E. Maale, MD, Dallas Ft. Worth Sarcoma Group/Medical City Plano

1:12 pm – 1:15 pm Discussion

RAPID FIRE SESSION 4C: Sports Shoulder

Moderators: TBD

12:45 pm – 12:49 pm 345 - Rotator Cuff Repair without vs. with Biceps Tenodesis
Akshar P. Thakkar, BS, Northwestern Medicine

12:49 pm – 12:53 pm **Christopher A. Heck, MD Travel Grant Award**
340 - Superior Capsular Reconstruction with Dermal Allograft Improves Patient Outcomes at 2 Years
Raees Seedat, MD, PRISMA Health

12:53 pm – 12:57 pm **Michael J. O'Brien, MD Travel Grant Award**
291 - How Does Alcohol Use Disorder Impact Outcomes following Arthroscopic Rotator Cuff Repair?
Ajit Vakharia, MD, University Hospitals Cleveland Medical Center, Case Western Reserve University

12:57 pm – 1:00 pm Discussion

1:00 pm – 1:04 pm 281 - Increased Morbidity, Readmissions, and Healthcare Expenditures in Cannabis Use Disorder Patients following Shoulder Arthroscopy: An Analysis of a Private Insurance Database
Ajit Vakharia, MD, University Hospitals Cleveland Medical Center, Case Western Reserve University

1:04 pm – 1:08 pm 350 - Achilles Tendon Rupture Treated with Open vs. Percutaneous Repair: A Narrative Review
Anderson Lee, BA, University of Toledo College of Medicine and Life Sciences

1:08 pm – 1:12 pm 267 - Varying Distance between Suture-Endobuttons does not Improve Cadaveric Syndesmotomic Stability
Kenneth Brinson, Duke University

1:12 pm – 1:15 pm Discussion

RAPID FIRE SESSION 4D: Upper Extremity

Moderators: TBD

12:45 pm – 12:49 pm	337 - Impact of Opioid Dependence on Outcomes following Total Shoulder Arthroplasty <i>Gabriel Brandner, BS, Medical University of South Carolina</i>
12:49 pm – 12:53 pm	188 - Brachial Plexus Injuries: Social Determinant of Health <i>Olivia Jagiella-Lodise, Emory University</i>
12:53 pm – 12:57 pm	232 - Patient's Perceptions and Utilization of Physical Therapy after Orthopaedic Surgery <i>Vani J. Sabesan, MD, Cleveland Clinic Florida</i>
12:57 pm – 1:00 pm	Discussion
1:00 pm – 1:04 pm	353 - Allograft Reconstruction of Humeral-Head Defects for Shoulder Instability: Systematic Review <i>Stevan C. Fairburn Jr., BS, University of Alabama at Birmingham</i>
1:04 pm – 1:08 pm	186 - Social Determinants of Health: Upper Extremity Fractures <i>Olivia Jagiella-Lodise, Emory University</i>
1:08 pm – 1:12 pm	329 - Patient Self-Reported Allergies Correlates with Thoracic Outlet Syndrome Outcomes <i>Saad M. Ibrahim, University of Alabama at Birmingham</i>
1:12 pm – 1:15 pm	Discussion

RAPID FIRE SESSION 4E: Spine

Moderators: TBD

12:45 pm – 12:49 pm	275 - Transversus Abdominis Plane Block in Patients Undergoing Anterior Lumbar Interbody Fusion <i>Charles C. White, MD, University of Tennessee College of Medicine Chattanooga</i>
12:49 pm – 12:53 pm	335 - New Patient PROMIS scores predict time to elective spine surgery <i>Justin E. Kung, MD, Prisma Health/University of South Carolina School of Medicine</i>
12:53 pm – 12:57 pm	162 - A Retrospective Study of Cauda Equina Syndrome: Improving Diagnostic Accuracy <i>Gautham Chitturu, BA, UMass Chan Medical School</i>
12:57 pm – 1:00 pm	Discussion
1:00 pm – 1:04 pm	173 - Less Than 6 Weeks Between Epidural Steroid Injections Increases the Risk of Infection After Lumbar Decompression <i>Amy Zhao, BA, The George Washington University</i>
1:04 pm – 1:08 pm	294 - 100 Complex Posterior Spinal Fusion Cases Performed with Robotic Instrumentation <i>Brian P. McCormick, MD, MedStar Union Memorial Hospital</i>

1:08 pm – 1:12 pm 150 - ACDF Surgery Using a Local Source for Cancellous Autograft
Mark Schmitt, MS, Carilion Clinic Institute for Orthopaedics and Neurosciences

1:12 pm – 1:15 pm Discussion

CONCURRENT SYMPOSIUM 6A: Practice Management

Moderator: Michael P. Bolognesi, MD, *Duke University*

1:20 pm – 2:20 pm Titles/Speakers TBD

CONCURRENT SYMPOSIUM 6B: Medical Education

Moderator: Lisa Kafchinski, MD, *University of Alabama at Birmingham*

1:20 pm – 2:20 pm Titles/Speakers TBD

CONCURRENT SYMPOSIUM 6C: Orthopaedic Biologics

Moderator: Amit Momaya, MD, *University of Alabama at Birmingham*

1:20 pm – 1:30 pm Rapid Fire Cases: Doc, Can You Fix it with Stem Cells?
Amit Momaya, MD, University of Alabama at Birmingham

1:30 pm – 1:45 pm Hold the Knife! Try These Biologics First
Robert Bowers, DO, PhD, Emory School of Medicine

1:45 pm – 2:00 pm Stack the Deck in Your Favor! Biologics in the OR
Aaron Casp, MD, University of Alabama at Birmingham

2:00 pm – 2:15 pm The New Frontier of Orthobiologics: Arthroscopically Assisted Treatment
of Bone Marrow Lesions
Raj Pandya, MD, Atlanta Orthopaedic Institute

2:15 pm - 2:20 pm Question and Answer

2:20 pm – 3:20 pm **Scientific E-Poster Session**

Saturday, July 29, 2023

6:00 am – 7:00 am **Scientific E-Poster Session**

7:00 am – 7:05 am **Announcements**
Shawn R. Gilbert, MD, *University of Alabama at Birmingham*

SYMPOSIUM 7: Specialty Updates Part 1 – Trauma, Arthroscopy and Sports

Moderator: Shawn R. Gilbert, MD, *University of Alabama at Birmingham*

7:05 am – 7:55 am Titles/Speakers TBD

GENERAL SESSION 5: Second Business Meeting and AAOS Update

Moderator:

*CME Credit Not Available

- 7:55 am – 8:10 am Second Business Meeting
- 8:10 am – 8:30 am AAOS Update
Annunziato (Ned) Amendola, MD, Duke University
- 8:30 am – 9:00 am **Focused Breakfast Presentation**
*CME Credit Not Available

RAPID FIRE SESSION 5A: Trauma

Moderators: TBD

- 9:05 am– 9:09 am 203 - AVN and Nonunion Risk in Femoral Neck vs. Neck/Shaft Fractures
Janice M. Bonsu, MD, MPH, Emory University
- 9:09 am– 9:13 am 3 - Is Fasciotomy Associated with Increased Mortality in Patients on
ECPR?
Henry Shu, BS, Johns Hopkins University
- 9:13 am– 9:17 am 321 - Sterile Preparation of the Ex-Fix is Safe During Pilon ORIF
John Kelly, MD, Orlando Health
- 9:17 am– 9:20 am Discussion
- 9:20 am– 9:24 am 293 - The Utility of “Joint Above and Below” Imaging for Low Energy
Ankle Fractures
*Ryan P. Bailey, BS, The University of Texas Health Science Center at
Houston- McGovern Medical School*
- 9:24 am– 9:28 am 238 - Defining the Optimal Entry Point for Retrograde Femoral
Intramedullary Nailing
Daria L. Kinchelov, BA, University of Kentucky
- 9:28 am– 9:32 am 283 - Demystifying the ‘Devastating Dyad’ – Transverse Family Combined
Pelvis and Acetabular Injuries
Andrew Rees, MD, Atrium Health Musculoskeletal Institute
- 9:32 am– 9:35 am Discussion

RAPID FIRE SESSION 5B: Hand & Wrist

Moderators: TBD

- 9:05 am– 9:09 am 185 - Metacarpophalangeal Joint Dynamic Distraction External Fixator
Benjamin R. Smith Jr., MD, East Tennessee State University
- 9:09 am– 9:13 am 190 - Safe Dissection Parameters of the Anconeus Rotational Flap for Soft
Tissue Coverage at the Elbow
Vic Greco, MD, Wake Forest Baptist

- 9:13 am– 9:17 am 57 – Patient Perspectives on Cognitive Behavioral Therapy for Thumb, Hand, or Wrist Pain and Function
Casey M. Imbergamo, MD, MedStar Orthopaedic Institute
- 9:17 am– 9:20 am Discussion
- 9:20 am– 9:24 am 114 - Risks of Chronic Preoperative Opioid Use on Distal Radius Surgery Outcomes
Jonathan Pire, BS, Medical University of South Carolina
- 9:24 am– 9:28 am 109 - Long-Term Oral Steroid Use: A Risk Factor in Four-Corner Fusion
Charles A. Johnson, MD, Medical University of South Carolina
- 9:28 am– 9:32 am 170 - Amyloidosis and Carpal Tunnel Syndrome: A Database Study of Associated Risk Factors and Comorbidities
Amy Zhao, BA, The George Washington University
- 9:32 am– 9:35 am Discussion

RAPID FIRE SESSION 5C: Total Joint

Moderators: TBD

- 9:05 am– 9:09 am **Andrew A. Shinar, MD Travel Grant Award**
245 - COVID-19 Diagnosis within 30 Days Prior to Total Joint Arthroplasty Increases the Risk of Adverse Postoperative Outcome Regardless of Vaccination Status
Pramod N. Kamalopathy, University of Virginia
- 9:09 am– 9:13 am 347 - NIS Database Miscoding Raises Questions about Validity for Arthroplasty Research
Jenna R. Adalbert, MD, University of Miami
- 9:13 am– 9:17 am 180 - Trends in Costs and Professional Reimbursements for Revision Total Knee and Hip Arthroplasty
Kevin Y. Heo, BS, Emory School of Medicine
- 9:17 am– 9:20 am Discussion
- 9:20 am– 9:24 am 242 - Low Incidence of COVID-19 Following Elective Total Joint Arthroplasty Surgery
Pramod N. Kamalopathy, University of Virginia
- 9:24 am– 9:28 am 360 - Bone Remodeling and Cortical Thinning Distal to the Femoral Stem
Sameer Naranje, MD, MS, MBBS, University of Alabama at Birmingham
**Presented by Matthew J. McCrosson*
- 9:28 am– 9:32 am 280 - Mortality and Complication Rates in Total Joint Arthroplasty after COVID-19 Diagnosis
John J. Pisquiy, MD, MHA, West Virginia University
- 9:32 am– 9:35 am Discussion

RAPID FIRE SESSION 5D: Sports

Moderators: TBD

- 9:05 am– 9:09 am 22 - Outcomes in Young Female Athlete ACL Reconstruction using Nonirradiated Allografts
Lyndon C. Wood, BS, Wake Orthopaedics – WakeMed
- 9:09 am– 9:13 am 390 - Posterior Lateral Meniscal Overhang Associated with ACL Tears
Garrett Jebeles, BS, Heersink School of Medicine
- 9:13 am– 9:17 am 382 - Effects of Schedule Changes on Position-Specific Injury in Football
Joseph P. Costello, BS, University of Miami Miller School of Medicine
- 9:17 am– 9:20 am Discussion
- 9:20 am– 9:24 am 191 - Concussion Rates in Youth Lacrosse
Vani J. Sabesan, MD, Cleveland Clinic Florida
- 9:24 am– 9:28 am 92 - Suitability of Laterality-Based Cadaver Models to Assess Ankle Stability
Taylor P. Stauffer, BS, Duke University
- 9:28 am– 9:32 am 121 - Analyzing the Quality, Reliability and Educational Value of Anterior Cruciate Ligament Rehabilitation Exercises on TikTok: a Cross-Sectional Study
Mikhail A. Bethell, MS, Duke University School of Medicine
- 9:32 am– 9:35 am Discussion

RAPID FIRE SESSION 5E: Practice Management/Educations

Moderators: TBD

- 9:05 am– 9:09 am 155 - Replicability of Highly-Cited Comparative Studies in Orthopaedic Literature
Cody C. Ashy, BS, Medical University of South Carolina
- 9:09 am– 9:13 am 216 - Socioeconomic Deprivation Predicts Worse Outcomes Two Years After Orthopaedic Surgery
Isaiah Harris, University of Maryland
- 9:13 am– 9:17 am 357 - Predictors of Research Productivity During Orthopaedic Residency
Connor J. Donley, MD, University of Alabama at Birmingham
- 9:17 am– 9:20 am Discussion
- 9:20 am– 9:24 am 303 - Readability of the Orthopaedic Trauma Association Patient Education Tool
Diane I. Ghanem, MD, The Johns Hopkins Hospital
- 9:24 am– 9:28 am 370 - Statistical Inference in High Impact Journals Over 25 years

Samuel Schick, MS, MD, University of Alabama at Birmingham

9:28 am– 9:32 am 102 - Patient Perceptions of Social Media Use by Orthopedic Surgeons
Benjamin Wharton, BA, University of Colorado School of Medicine

9:32 am– 9:35 am Discussion

9:40 am – 10:05 am **Break – Please visit Exhibits**

SYMPOSIUM 8: Specialty Updates Part 2 – Foot & Ankle, Peds and Tumor

Moderator: Shawn R. Gilbert, MD, *University of Alabama at Birmingham*

10:05 am – 10:35 am Titles/Speakers TBD

GENERAL SESSION 6: RESIDENT AWARD PAPERS

Moderator: Shawn R. Gilbert, MD, *University of Alabama at Birmingham*

10:35 am – 10:41 am **SOA Presidents' Resident Award Winner**
286 - Methylprednisolone Taper Reduces Acute Pain and Opioid Consumption after TSA
Zaamin Hussain, MD, EdM, Emory University

10:41 am – 10:47 am **Harley & Betty Baxter Resident Award Winner**
304 - Timing of Tourniquet Release: A Prospective Randomized Trial
Warren A. Williams, MD, Orlando Health

10:47 am – 10:53 am **Harley & Betty Baxter Resident Award Winner**
374 - Non-Operative Management of Frozen Shoulder: A Value-Based Perspective
Nathan J. Cherian, Massachusetts General Hospital

10:53 am – 10:59 am **SOA/OREF Resident Award Winner**
354 - Nanowarming by Inductive Heating of Vitriified Large Articular Cartilage Specimens
Mary-Katherine Lynch, MD, Medical University of South Carolina

10:59 am – 11:05 am **SOA/OREF Resident Award Winner**
158 - Fertilized Anterior Cruciate Ligament Reconstruction Leads to Superior Early Functional and Patient Reported Outcomes: A Prospective, Randomized Controlled Trial
Andrew L. Schaver, MD, Marshall University Orthopedic Surgery

11:05 am – 11:11 am **SOA/OREF Resident Award Winner**
79 - Radial Lateral Meniscus Tears Affect Contact Forces when the Menisconfemoral Ligament is Involved: A Cadaveric Study
Sean Sequeira, BS, Union Memorial Hospital

11:11 am – 11:15 am Discussion

GENERAL SESSION 7: PRESIDENTIAL ADDRESS

Moderator: Shawn R. Gilbert, MD, *University of Alabama at Birmingham*

**CME Credit Not Available*

11:15 am – 11:20 am **Introduction of SOA President**
Shawn R. Gilbert, MD, *University of Alabama at Birmingham*

11:20 am – 11:50 am **Presidential Address**
H. Clayton Thomason III, MD, Carolina Orthopaedic & Sports Medicine

11:50 am – 12:20 pm **Focused Lunch Presentation**
**CME Credit Not Available*

RAPID FIRE SESSION 6A: Total Knee

Moderators: TBD

12:25 pm – 12:55 pm 181 - When it Comes to PJI Risk after TKA, are all Corticosteroid
Injections the Same?
Ayomide M. Ayeni, AS, BS, Emory School of Medicine

12:25 pm – 12:55 pm 164 - Higher Incidence of Mental Health Disorders following Periprosthetic
Fracture in Total Knee Arthroplasty
Amy Zhao, BA, The George Washington University

12:25 pm – 12:55 pm 279 - History of Patella Fracture Increases Complications Following Total
Knee Arthroplasty
Brian P. McCormick, MD, MedStar Union Memorial Hospital

12:25 pm – 12:55 pm Discussion

12:25 pm – 12:55 pm 325 - Fewer Complications and Shorter Stays in 2,174,685 Technology
Assisted TKAs
*David S. Constantinescu, MD, University of Miami Miller School of
Medicine*

12:25 pm – 12:55 pm 139 - Impact of Opioid Use on Patient Reported Outcomes after TKA
Paul Joseph Pottanat, MD, Medical University of South Carolina

12:25 pm – 12:55 pm 243 - Efficacy of Liposomal Bupivacaine Adductor Canal Block vs.
Continuous Ropivacaine Infusion in TKA
Eric Mason, BS, MD, Orlando Health Orthopedic Surgery Residency

12:25 pm – 12:55 pm Discussion

RAPID FIRE SESSION 6B: Foot & Ankle

Moderators: TBD

12:25 pm – 12:55 pm 29 - Retrospective Comparative Analysis of Ultrasound Guided CSI around
the PTT
*Richard A. Bidwell, MD, BS, Prisma Health/University of South Carolina
Orthopedics*

- 12:25 pm – 12:55 pm 49 - Risk Factors of SSIs following ORIF of Trimalleolar Ankle Fractures
Mitchell K. Ng, MD, SUNY Downstate Health Sciences University College of Medicine
- 12:25 pm – 12:55 pm 89 - Assessing the Costs of Midfoot Arthrodesis
Daniel J. Scott, MBA, MD, Medical University of South Carolina
- 12:25 pm – 12:55 pm Discussion
- 12:25 pm – 12:55 pm 37 - Total Ankle Arthroplasty Preoperative Plan Correlates with Intra-Operative Decisions
Samuel Rosas, MD, MBA, Wake Forest School of Medicine
- 12:25 pm – 12:55 pm 51 - Alcohol Use Disorder Impacts Outcomes Following Bimalleolar Ankle Fracture Fixation
Aaron Lam, MD, SUNY Downstate Health Sciences University
- 12:25 pm – 12:55 pm 19 - Correlation between Level of Evidence and Citations in Top 100 Cited Hallux Valgus Articles
Vishank V. Panchbhavi, UTMB Galveston
- 12:25 pm – 12:55 pm Discussion

RAPID FIRE SESSION 6C: Shoulder & Elbow

Moderators: TBD

- 12:25 pm – 12:55 pm 94 - RSA and Prior Rotator Cuff Repair: A Systematic Review
Alexander N. Berk, BS, OrthoCarolina
- 12:25 pm – 12:55 pm 136 - Psychiatric Comorbidity is a Risk Factor for Complications in TSA
Lawrence Vanderham, Medical University of South Carolina
- 12:25 pm – 12:55 pm 330 - Home PT vs. Formal Outpatient PT after Reverse Shoulder Arthroplasty
Akash Pandey, University of Alabama at Birmingham
- 12:25 pm – 12:55 pm Discussion
- 12:25 pm – 12:55 pm ~~58 - The Statistical Fragility of Studies on Rotator Cuff Repair with Graft Augmentation~~
~~*Casey M. Imbergamo, MD, MedStar Orthopaedic Institute*~~
- 12:25 pm – 12:55 pm 168 - Assessment of a Novel CT Ratio to Characterize B2 Glenoid Morphology
Brian C. Werner, MD, University of Virginia
- 12:25 pm – 12:55 pm 132 - Supplemental Oxygen Associated with Increased Complications and Readmission Following TSA
Nikhil Vallabhaneni, Medical University of South Carolina
- 12:25 pm – 12:55 pm Discussion

RAPID FIRE SESSION 6D: Sports Medicine

Moderators: TBD

- 12:25 pm – 12:55 pm 75 - Current Trends for Venous Thrombo-Embolic Prophylaxis for Hip Arthroscopy; A Consensus Study
Ali Parsa, MD, American Hip Institute
- 12:25 pm – 12:55 pm 226 - Preoperative Expectations Associated with Postoperative Patient Outcomes After Hip Arthroscopy
Brandon Leon, BS, University of Maryland
- 12:25 pm – 12:55 pm 129 - Golf-Related Upper Extremity Injuries in the United States: A Ten-Year Analysis (2011-2020)
Jack Twomey-Kozak, BS, Duke University School of Medicine
- 12:25 pm – 12:55 pm Discussion
- 12:25 pm – 12:55 pm 262 - Partial Meniscectomy with Needle Arthroscope Associated with Significantly Improved Early Post-Operative Pain and Patient-Reported Outcomes
Andrew L. Schaver, MD, Marshall University Orthopedic Surgery
- 12:25 pm – 12:55 pm 336 - Mechanism of Anterior Cruciate Ligament Injuries in National Football League
Caleb V. Hayes, BS, University of Alabama at Birmingham
- 12:25 pm – 12:55 pm 393 - Irradiation Impact in Bone-Patellar Tendon-Bone Allografts
Garrett Jebeles, BS, Heersink School of Medicine
- 12:25 pm – 12:55 pm Discussion

RAPID FIRE SESSION 6E: Other

Moderators: TBD

- 12:25 pm – 12:55 pm 289 - Comparison of On-Table and Off-Table THA via DAA
Tommy To, BS, Virginia Tech Carilion School of Medicine
- 12:25 pm – 12:55 pm 63 - Retrospective Review of the Efficiency of Trochanteric Femoral Nail Fixation
Richard Moore, BS, UNC Chapel Hill School of Medicine
- 12:25 pm – 12:55 pm 259 - Novel Technique for Accurate Placement of Components in Resurfacing UKA
Martin Redish, MD, Maxx Orthopaedics
- 12:25 pm – 12:55 pm Discussion
- 12:25 pm – 12:55 pm 264 - The Impact of Open Access in Top 10 TSA Journals
Sribava Sharma, MD, Johns Hopkins School of Medicine

12:25 pm – 12:55 pm 365 - Effects of the COVID-19 Pandemic on Orthopaedic Residency Program Attractiveness
Samuel Schick, MS, MD, University of Alabama at Birmingham

12:25 pm – 12:55 pm 34 - Combined Cellular Components vs. Monotherapy for Knee Osteoarthritis: Systematic Review
Jerod McCarrell, BS, University of the Incarnate Word School of Osteopathic Medicine

12:25 pm – 12:55 pm Discussion

CONCURRENT SYMPOSIUM 9A: Controversies and Treatment Options for Irreparable Rotator Cuff Tears

Moderators: Brian C. Werner, MD, *University of Virginia*

1:00 pm – 1:10 pm Biologics and Allograft Augmentation for Irreparable Rotator Cuff Tears
Deryk G. Jones, MD, Ochsner Sports Medicine Institute

1:10 pm – 1:20 pm Is Superior Capsular Reconstruction Still an Option in 2023?
Kevin W. Farmer, MD, University of Florida

1:20 pm – 1:30 pm Balloon Spacers: What Does the Literature Tell Us?
Aaron Casp, MD, University of Alabama at Birmingham

1:30 pm – 1:40 pm Reverse Shoulder Arthroplasty for Irreparable Rotator Cuff Tears
Brian C. Werner, MD, University of Virginia

1:40 pm – 2:00 pm Case Discussion and Questions & Answers

CONCURRENT SYMPOSIUM 9B: Foot and Ankle

Moderator: Michael D. Johnson, MD, *University of Alabama at Birmingham*

1:00 pm – 2:00 pm Titles/Speakers TBD

2:00 pm – 3:00 pm **Scientific E-Poster Session**