

**SOA Scientific Program
The Greenbrier
July 20-23, 2022
(Presenters and times are subject to change.)**

Thursday, July 21, 2022

- 6:00 am – 7:00 am Scientific E-Poster Session
- 7:00 am – 7:05 am Welcome and Announcements
Andrew A. Shinar, MD, President
Deryk Jones, MD, Program Chair
- 6:55 am – 7:10 am First Business Meeting
**CME Credit Not Available*
- 7:10 am – 7:40 am **SPECIAL SESSION 1**
Private Equity Firm
**CME Credit Not Available*
- 7:40 am – 8:10 am **Focused Breakfast Presentation**
**CME Credit Not Available*

RAPID FIRE SESSION 1A – Basic Science / Other

- 8:15 am – 8:19 am 169- Procalcitonin as a Predictor of Septic Knee Arthritis
*John C. Fisher, MD, MBA, Texas Tech University School of
Medicine*
- 8:19 am – 8:23 am 269 - Diabetes Increases Bone Density and Osteoarthritis in
Irradiated Non-Human Primates
Nequesha S. Mohamed, MD, Wake Forest School of Medicine
- 8:23 am – 8:27 am 92 - Plasma ADAMTS13 and vWF in Patients Undergoing
Elective Joint Arthroplasty
Joseph Elphingstone, MD, University of Alabama at Birmingham
- 8:27 am – 8:30 am Discussion
- 8:30 am – 8:34 am 284 Immunocoagulopathy Measures as a Predictor of Mortality in
Necrotizing Fasciitis
Samuel R. Johnson, BS, Vanderbilt University Medical Center
- 8:34 am – 8:38 am 362 - Patient Out-Of-Pocket Cost Burden with Elective
Orthopaedic Surgery
Carlos Ortiz-Babilonia, BS, Johns Hopkins University

8:38 am – 8:42 am 260 - Trends in Total Joint Arthroplasty among Patients with Rheumatoid Arthritis
Thomas W. Hodo, MD, MSc, Tulane University

8:42 am – 8:45 am Discussion

RAPID FIRE SESSION 1B – Foot & Ankle

8:15 am – 8:19 am 195 - Evaluation of Achilles Tendon Stiffness as Measured by Shear Wave Elastography in Female College Athletes Compared to Non-Athletes
Alyssa D. Althoff, MD, University of Virginia

8:19 am – 8:23 am 71 - Durability and Safety of Deep Peroneal Nerve Neurectomy for Midfoot Arthritis at Midterm Follow-Up
Jose M. Iturregui, MD, Mayo Clinic

8:23 am – 8:27 am 38 - No Difference in First Metatarsophalangeal Arthrodesis Outcomes between Surgical Indications
Warren J. Roth, BS, Medical University of South Carolina

8:27 am – 8:30 am Discussion

8:30 am – 8:34 am 43 - Use of Pain Catastrophizing Scale to Predict Patient Outcomes
Nicholas A. Baxter, BS, Medical University of South Carolina

8:34 am – 8:38 am 46 - Increased Complications/Hardware Removal with Headed Screws in Subtalar/Ankle Arthrodeses
Evan Bailey, Medical University of South Carolina

8:38 am – 8:42 am 406 - Statistical Fragility of Platelet-Rich Plasma for Plantar Fasciitis
Arjun Gupta, Rutgers New Jersey Medical School

8:42 am – 8:45 am Discussion

RAPID FIRE SESSION 1C – Hand & Wrist

8:15 am – 8:19 am **Gregory Grabowski, MD Donor Award**
198 - Predictors of Prolonged Operative Time in Distal Radius Fractures
Charles A. Johnson, MD, Medical University of South Carolina

8:19 am – 8:23 am 113 - Predictors of Better Two-Year Postoperative Satisfaction in Hand Surgery Patients

Jason Lynch, BS, University of Maryland School of Medicine

8:23 am – 8:27 am 128 - Safety and Efficacy of In-Office Hand Procedures
Brandon W. Knopp, BS, Florida Atlantic University Charles E. Schmidt College of Medicine

8:27 am – 8:30 am Discussion

8:30 am – 8:34 am 411 - Outcomes of Acute Proximal Row Carpectomy vs. Open Reduction and Internal Fixation for Perilunate Injuries
Keith T. Aziz, MD, Mayo Clinic Florida

8:34 am – 8:38 am **Benjamin A. Alman, MD Name Donor Award**
62 - Dietrich's Disease Treated with Osteochondral Autograft Transfer System
Corina Brown, MD, Wake Forest School of Medicine

8:38 am – 8:42 am 89 - Elective Hand Surgery is Delayed among Private Insurance Holders
Joseph Elphingstone, MD, University of Alabama at Birmingham

8:42 am – 8:45 am Discussion

RAPID FIRE SESSION 1D – Shoulder & Elbow

8:15 am – 8:19 am 74 - Shoulder Stabilization vs. Immobilization for First-Time Anterior Shoulder Dislocation
Benjamin Wharton, BA, University of Colorado School of Medicine

8:19 am – 8:23 am 140 - Increased Complications from Reported Antibiotic Allergy in Total Shoulder Arthroplasty
Tyler Bahoravitch, BA, George Washington University

8:23 am – 8:27 am 367 - Reverse Shoulder Arthroplasty Baseplate Augmentation for Glenoid Deformity
Jay M. Levin, MD, Duke University

8:27 am – 8:30 am Discussion

8:30 am – 8:34 am 115 - Higher Preoperative Expectations Predict Better Outcomes in Shoulder Surgery Patients
Samir Kaveeshwar, BA, University of Maryland School of Medicine

- 8:34 am – 8:38 am 214 - A Comparison of Complications and Survivorship after Reverse Total Shoulder Arthroplasty for Proximal Humerus Fracture Compared with Cuff Tear Arthropathy
Amil R. Agarwal, BA, George Washington University School of Medicine and Health Sciences
- 8:38 am – 8:42 am 202 - Effect of Offset in Lateralized Humeral, Medialized Glenoid Reverse TSA
G. Jacob Wolf, MD, Medical University of South Carolina
- 8:42 am – 8:45 am Discussion

RAPID FIRE SESSION 1E - Pediatrics

- 8:15 am – 8:19 am 144 - A Comparative Analysis of Revision Surgery before or after Two Years following Discontinuation of Growth Friendly Surgery for Early Onset Scoliosis
Anjali Prior, BA, Medical University of South Carolina
- 8:19 am – 8:23 am 97 - Validating the Severity of Illness Score for Children with Acute Hematogenous Osteomyelitis
Ezan A. Kothari, University of Alabama at Birmingham
- 8:23 am – 8:27 am 94 - Weight for Age Z-Scores Are Associated with Complications after Scoliosis Correction in Patients with Cerebral Palsy
Ezan A. Kothari, University of Alabama at Birmingham
- 8:27 am – 8:30 am Discussion
- 8:30 am – 8:34 am 219 - Posterior Tibial Slope is a Risk Factor for Male Pediatric Tibial Eminence Fractures
Joseph Elphingstone, MD, University of Alabama at Birmingham
- 8:34 am – 8:38 am 444 - Magnetic Resonance Imaging Surveillance of Allograft Cartilage Matrix Implantation after Repair of Articular Cartilage Defects
Bhumit R. Desai, MD, Ochsner Medical Center
- 8:38 am – 8:42 am 188 - Socioeconomic Factors Correlation with Idiopathic Scoliosis Curve Type
Logan K. Laubach, MS, Virginia Commonwealth University
- 8:42 am – 8:45 am Discussion
- 8:45 am – 9:05 am ***Break – Please visit Exhibits***

SYMPOSIUM 1: My Experience as a Team Physician Over the Past 40 Years

Moderator: E. Lyle Cain, MD

9:05 am – 9:45 am My Experience as a Team Physician Over the Past 40 Years
James R. Andrews, MD, Andrews Institute for Orthopaedics & Sports Medicine

SYMPOSIUM 2: Diversity in Medicine

Moderator: Craig H. Bennett, MD, *University of Maryland Medical Center*

9:45 am – 9:55 am Why It's Important/Personal Experiences
Eric W. Carson, MD, Washington University Physicians

9:55 am – 10:05 am Title TBD
Holly Tyler-Paris Pilson, MD, Wake Forest Baptist Health

10:05 am – 10:15 am Title TBD
Paul B. Gladden, MD, Tulane University School of Medicine

10:15 am – 10:25 am Questions

10:25 am – 10:45 am ***Break – Please visit Exhibits***

GENERAL SESSION 2: OREF Report and Presidential Guest Speaker

10:45 am – 10:50 am OREF Report

10:50 am – 10:55 am **Introduction of the Presidential Guest Speaker**
Andrew A. Shinar, MD, Vanderbilt Orthopaedic Institute

10:55 am – 11:25 am **Presidential Guest Speaker**
On the Frontlines...
Zachary Shinar, MD, Sharp Memorial Hospital

11:25 am – 11:55 am **Focused Lunch Presentation**
**CME Credit Not Available*

RAPID FIRE SESSION 2A – Practice Management & Education

12:00 pm – 12:04 pm 410 - Gender Disparity in Orthopaedic Textbook Authorship: The Opportunity Gap
Katrina E. Bang, MD, Atrium Wake Forest Baptist Health

12:04 pm – 12:08 pm 439 - The Role Program Directors Play in Impacting Diversity in Orthopaedic Surgery
Alessia C. Lavin, BS, Cleveland Clinic Florida

12:08 pm – 12:12 pm	47 - Spectrum and Prevalence of Occupational Injuries among Orthopaedic Surgeons <i>Anil B. Sedani, MS, University of Miami</i>
12:12 pm – 12:15 pm	Discussion
12:15 pm – 12:19 pm	375 - Balancing after Randomization: Are We Even or Even Paying Attention? <i>Josh Joiner, University of Kentucky</i>
12:19 pm – 12:23 pm	321 - Match Rate Success in Orthopaedic Surgery Gap Year Research Participants <i>Azra Dees, BA, Atrium Health Wake Forest Baptist</i>
12:23 pm – 12:27 pm	290 - Psychomotor Testing and Orthopaedic Subspecialty Selection <i>Henry V. Bonner, BS, University of Alabama at Birmingham</i>
12:27 pm – 12:30 pm	Discussion

RAPID FIRE SESSION 2B – Shoulder & Elbow

12:00 pm – 12:04 pm	433 - Prolonged Opioid Use following Shoulder Stability Surgery: What Increases Risk and How Do Physicians Contribute? <i>Alexander M. Dawes, BS, Emory University</i>
12:04 pm – 12:08 pm	118 - Defining Completely Better Status through Patient-Reported Outcomes after RCR <i>Seyedeh Z. Mousavi, University of Maryland School of Medicine</i>
12:08 pm – 12:12 pm	3 - Brief Resiliency Scores and Pain Control after Total Shoulder Arthroplasty <i>Josh Mueller, University of Arkansas for Medical Sciences</i>
12:12 pm – 12:15 pm	Discussion
12:15 pm – 12:19 pm	239 - Shoulder Arthroplasty in the Elderly: A Comparison of Early Outcomes <i>Lasun Oladeji, MD, MS, University of Missouri</i>
12:19 pm – 12:23 pm	102 - Worsening of Anemia Increases Risks of Complications following Revision TSA <i>Theodore Quan, BS, George Washington University</i>

12:23 pm – 12:27 pm 243 - Predicting Appropriateness of Stemless Total Shoulder Arthroplasty Using Preoperative Imaging
Jay M. Levin, MD, Duke University

12:27 pm – 12:30 pm Discussion

RAPID FIRE SESSION 2C – Spine

12:00 pm – 12:04 pm 206 - Utility of Next Generation Sequencing and Isothermal Microcalorimetry for Identification of Bacteria in Presumed Aseptic Thoracolumbar Revision Spine Surgery
Logan A. Reed, BS, University of Alabama at Birmingham

12:04 pm – 12:08 pm **Harley & Betty Baxter Resident Travel Grant Award Winner**
261 - Do Length and Position of Iliac Screws Matter in Adult Spinal Deformity?
Scott L. Zuckerman, MD, Vanderbilt University Medical Center

12:08 pm – 12:12 pm 448 - Radiation Exposure with Use of Intraoperative CT Guidance in Spinal Deformity Surgery
Russell Parks, MD, Ochsner Medical Center

12:12 pm – 12:15 pm Discussion

12:15 pm – 12:19 pm 264 - L1-Pelvic-Angle: Novel Intraoperative Measurement to Attain Optimal Deformity Correction
Byron F. Stephens II, MD, Vanderbilt University Medical Center

12:19 pm – 12:23 pm 324 - Metabolic Response of Smoking in Cervical and Lumbar Discs
Don Moore, MD, University of Missouri-Columbia

12:23 pm – 12:27 pm 423 - Preoperative PROMIS Scores and Duration of Opioid Use following Spine Surgery
Oscar Covarrubias, BS, Johns Hopkins University School of Medicine

12:27 pm – 12:30 pm Discussion

RAPID FIRE SESSION 2D – Sports Medicine

12:00 pm – 12:04 pm 221 - Epidemiology of Shoulder Instability Procedures: A Comprehensive Analysis of Complications, Reoperation Rates and Costs
Amil R. Agarwal, BA, George Washington University School of Medicine and Health Sciences

- 12:04 pm – 12:08 pm 90 - Gender Disparities among Professional Team Sports Medicine Physicians
Joseph Elphinstone, MD, University of Alabama at Birmingham
- 12:08 pm – 12:12 pm 124 - Nerve Block Efficacy in Arthroscopic Shoulder Surgery: Suprascapular vs. Interscalene
Arjun Verma, BS, Ochsner Sports Medicine Institute
- 12:12 pm – 12:15 pm Discussion
- 12:15 pm – 12:19 pm **Scott D. Mair, MD Donor Award**
64 - Biomechanical Properties of Femoral and Patellar Fixation Constructs for MPFL Reconstruction
Casey M. Imbergamo, MD, MedStar Orthopaedic Institute
- 12:19 pm – 12:23 pm 134 - Elite Athletes with Femoral Retroversion Undergoing Hip Arthroscopy Demonstrate Favorable Outcomes and Return to Sport Rates
Benjamin G. Domb, MD, American Hip Institute
- 12:23 pm – 12:27 pm 175 - Return to Play for NFL Athletes following Operative Ankle Fractures
Jordan B. Robbins, BS, University of Texas Medical Branch School of Medicine
- 12:27 pm – 12:30 pm Discussion

RAPID FIRE SESSION 2E – Total Hip

- 12:00 pm – 12:04 pm **James A. Browne, MD Donor Award**
267 - Compaction Broach Collared Femoral Stems Reduce Postoperative Periprosthetic Femur Fractures
Tyler E. Calkins, MD, University of Tennessee - Campbell Clinic Orthopaedics
- 12:04 pm – 12:08 pm 125 - Tip-Apex Distance and Hospital Readmission following Fixation of Intertrochanteric Fractures
Brandon W. Knopp, BS, Florida Atlantic University Charles E. Schmidt College of Medicine
- 12:08 pm – 12:12 pm **Scott D. Mair, MD Donor Award**
215 - Dislocation Rates are Increased in Patients with Prior Isolated Sacroiliac Joint Fusion who Undergo Primary Total Hip Arthroplasty
Pradip Ramamurti, MD, University of Virginia

- 12:12 pm – 12:15 pm Discussion
- 12:15 pm – 12:19 pm 165 - The Age-Adjusted Modified Frailty Index: An Improved Risk Stratification Tool
Jacob M. Wilson, MD, Emory University School of Medicine
- 12:19 pm – 12:23 pm 380 - Does a Strict BMI Cutoff Yield Meaningful Change in Total Hip Arthroplasty?
Niall Cochrane, MD, Duke University
- 12:23 pm – 12:27 pm 232 - Use of Supplemental Home Oxygen Increases Risk for Early Postoperative Complications following Total Hip Arthroplasty
Nicole D. Quinlan, MD, MS, University of Virginia Health System

12:27 pm – 12:30 pm Discussion

SYMPOSIUM 3: Cartilage Treatment

Moderator: Deryk G. Jones, MD, *Ochsner Sports Medicine Institute*

- 12:35 pm – 1:05 pm Surgical Articular Cartilage Regeneration – My Experience (Villain to Victor)
Tom Minas, MD, Cartilage Repair Center
- 1:05 pm – 1:20 pm Questions

CONCURRENT SYMPOSIA 4A: Trauma to the Foot & Ankle

Moderator: James A. Nunley, MD, *Duke University*

- 1:25 pm – 1:35 pm Turf Toe Injuries
Sameh Labib, MD, Emory University
- 1:35 pm – 1:45 pm Lisfranc Injuries
Robert Santrock, MD, Orthopedic Foot & Ankle Center
- 1:45 pm – 1:55 pm Jones Fractures
Christopher E. Gross, MD, Medical University of South Carolina
- 1:55 pm – 2:05 pm Navicular Fractures
James A. Nunley, MD, Duke University
- 2:05 pm – 2:10 pm Discussion

CONCURRENT SYMPOSIA 4B: Spine

Moderator: Gregory Grabowski, MD, *Palmetto Health at USC*

1:25 pm – 2:10 pm

Case-Based Discussion

Panel: *John G. DeVine, MD, Augusta University*
Steven M. Theiss, MD, University of Alabama
John France, MD, West Virginia University

Cases: Lumbar Disc Herniation

Lumbar Spondylolysis

Lumbar Strain/Other Causes of LBP

SOA Round Table Discussion

2:15 pm – 3:15 pm

Total Joints

Moderator: *Brian M. Curtin, MD, OrthoCarolina Hip and Knee Center*

Brian M. Curtin, MD, OrthoCarolina Hip and Knee Center

Stephen T. Duncan, MD, University of Kentucky

Steve Engstrom, MD, Vanderbilt University

Brian A. Jewett, MD, Slocum Center for Orthopedics

Ryan Martin, MD, Vanderbilt University

Sports

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

E. Lyle Cain, MD, Andrews Sports Medicine

Eric W. Carson, MD, Washington University Physicians

Jeffrey A. Guy, MD, University of South Carolina

Deryk G. Jones, MD, Ochsner Sports Medicine Institute

Scott D. Mair, MD, University of Kentucky

3:30 pm – 5:00 pm

Scientific E-Poster Session

Friday, July 22, 2022

6:00 am – 7:00 am

Scientific E-Poster Session

7:00 am – 7:05 am

Announcements

Deryk G. Jones, MD, Program Chair

7:05 am – 7:25 am

SPECIAL SESSION 2

Maintaining Relevance in a Value-Based Environment

**CME Credit Not Available*

Panel Discussion

Moderator: *Marney Reid, Independent Consultant*

Panel: *C. Lowry Barnes, MD, University of Arkansas for Medical Sciences*
Ryan M. Nunley, MD, Washington University
Goran Dragolovic, Covenant Physician Partners

7:25 am – 7:55 am **Focused Breakfast Presentation**
**CME Credit Not Available*

RAPID FIRE SESSION 3A – Foot & Ankle

8:00 am – 8:04 am 143 - Preoperative Dehydration Prolongs Hospital Stay following Total Ankle Arthroplasty
Theodore Quan, BS, George Washington University

8:04 am – 8:08 am 336 - Isolated Gastrocnemius Recession for Chronic Achilles Tendinopathy: Patient-Reported Outcomes
Sean Young, BS, University of Alabama at Birmingham

8:08 am – 8:12 am 323 - Calcaneal Osteotomies in Prevention of Deformity-Driven Subtalar Joint Arthritis
Cody J. Togher, DPM, Orthopedic Foot & Ankle Center

8:12 am – 8:15 am Discussion

8:15 am – 8:19 am 357 - What Role Does BMI Play in Outcomes in Lateral Ligament Repair?
Sean Young, BS, University of Alabama at Birmingham

8:19 am – 8:23 am 42 - Sex Differences in Patient Reported Outcomes after Total Ankle Arthroplasty
Kathy McGurk, MD, Medical University of South Carolina

8:23 am – 8:27 am 387 - Dual Semitendinosus Allograft Reconstruction of Chronic Achilles Tendon Ruptures: Operative Technique and Outcomes
Brian P. McCormick, MD, MedStar Union Memorial Hospital

8:27 am – 8:30 am Discussion

RAPID FIRE SESSION 3B – Total Knee

8:00 am – 8:04 am 278 - Rotational Muscle Flap Coverage for Soft Tissue Defects after Prosthetic Knee Infections
Billy Kim, BA, Duke University School of Medicine

8:04 am – 8:08 am **H. Clayton Thomason III, MD Donor Award**

- 233 - Use of Supplemental Home Oxygen Increases Risk for Early Postoperative Complications Following Total Knee Arthroplasty
John Burke, BS, University of Virginia Health System
- 8:08 am – 8:12 am 401 - Early Failure of Knee Arthrodesis
Kenneth A. Sabacinski, MD, West Virginia University
- 8:12 am – 8:15 am Discussion
- 8:15 am – 8:19 am 388 - Access to Total Joint Arthroplasty for Veterans Patients in Civilian Orthopaedic Centers
Payton Yerke, BS, Cleveland Clinic Florida
- 8:19 am – 8:23 am 204 - Does Metabolic Syndrome Impact the Risk of Reoperation, Revision, or Complication after Primary Total Knee Arthroplasty?
Cameron K. Ledford, MD, Mayo Clinic Florida
- 8:23 am – 8:27 am 459 - Conversion TKA following Allograft Reconstruction: Similar Functional Performance with Lower Satisfaction
Brenton Albracht, MD, Missouri Orthopaedic Institute
- 8:27 am – 8:30 am Discussion

RAPID FIRE SESSION 3C – Trauma

- 8:00 am – 8:04 am 307 - Inflammatory Response to Trauma – Does Early Modulation Improve Pain Control?
Matthew W. Kavolus, MD, University of Kentucky
- 8:04 am – 8:08 am 160 - Impact of Increased Time-To-Surgery on Outcomes in Geriatric Acetabular Fractures
Ryan S. Zamanzadeh, BS, Emory University
- 8:08 am – 8:12 am **SOA Resident Travel Grant Award Winner**
67 - A Paradigm Shift: Acute Management of Tibial Plafond Fractures
David Michaeli, MD, University of South Alabama
- 8:12 am – 8:15 am Discussion
- 8:15 am – 8:19 am 78 - Disowning the Bone: Trends in Osteoporotic Medication Utilization following OTB Initiative
Amil R. Agarwal, BA, George Washington University School of Medicine and Health Sciences

- 8:19 am – 8:23 am 308 - Increased Blood Glucose Range is Associated with Postoperative Complications
J'Lynn L. Baker, BS, Emory University School of Medicine
- 8:23 am – 8:27 am 228 - Cephalomedullary Construct Characteristics and Failure Rate in Intertrochanteric Hip Fractures
Patrick B. Curtin, MD, University of Massachusetts

8:27 am – 8:30 am Discussion

RAPID FIRE SESSION 3D - Tumor

8:00 am – 8:04 am 443 - Oncological Outcomes in Octogenarian Patients with Appendicular Soft Tissue Sarcomas
Yonghoon Lee, BA, University of Miami Miller School of Medicine

8:04 am – 8:08 am 271 - A Pilot Study of Intralesional Injection of Triamcinolone Acetonide for Desmoid Tumors
Benjamin Wilke, MD, Mayo Clinic

8:08 am – 8:12 am 152 - Predicting Mortality in Patients with High-Risk Extremity Soft Tissue Sarcoma
Teja Yeramosu, Virginia Commonwealth University School of Medicine

8:12 am – 8:15 am Discussion

8:15 am – 8:19 am 153 - Utilization of Machine Learning to Predict Mortality in Ewing Sarcoma
Waleed Ahmad, Virginia Commonwealth University School of Medicine

8:19 am – 8:23 am 154 - Machine Learning for Predicting Metastasis in Patients Presenting with Osteosarcoma
Teja Yeramosu, Virginia Commonwealth University School of Medicine

8:23 am – 8:27 am 258 - Disparities in Presentation of Pathologic Fractures
Jonathan Pire, BS, Medical University of South Carolina

8:27 am – 8:30 am Discussion

RAPID FIRE SESSION 3E – Upper Extremity

8:00 am – 8:04 am **Michael J. O'Brien, MD Donor Award**

- 451 - Surgical Treatment of Iatrogenic Nerve Injury following Elective Shoulder Surgery
Charles A. Cefalu, MD, MBA, Atrium Health - Wake Forest Baptist Medical Center
- 8:04 am – 8:08 am 255 - Ballistic Injuries of the Humerus: A Matched Cohort Analysis
Walter R. Smith, MD, University of Alabama at Birmingham
- 8:08 am – 8:12 am 212 - Epidemiology of Upper Extremity Orthopaedic Injuries Associated with Dog Walking
Ridge Maxson, BS, Johns Hopkins University School of Medicine
- 8:12 am – 8:15 am Discussion
- 8:15 am – 8:19 am 30 - How Fellowship Affects Operative vs Nonoperative Management of Proximal Humerus Fractures
Logan A. Reed, BS, University of Alabama at Birmingham
- 8:19 am – 8:23 am 131 - Radiologic Features as a Prognostic Indicator of Forearm Fractures
Brandon W. Knopp, BS, Florida Atlantic University Charles E. Schmidt College of Medicine
- 8:23 am – 8:27 am 183 - Biomechanical Properties of Suture Button vs. Anchor Fixation for Flexor Digitorum Profundus Repair
Casey M. Imbergamo, MD, MedStar Orthopaedic Institute
- 8:27 am – 8:30 am Discussion
- 8:30 am – 8:50 am ***Break – Please visit Exhibits***

SYMPOSIUM 5: Total Knee Arthroplasty

Moderator: Robert Barrack, MD, *Washington University Physicians*

- 8:50 am – 8:57 am Case for Cementless TKA
Robert L. Barrack, MD, Washington University Physicians
- 8:57 am – 9:04 am Cementing Techniques in TKA
Ryan Martin, MD, Vanderbilt University
- 9:04 am – 9:11 am Do You Need a Robot?
James A. Browne, MD, University of Virginia

9:11 am – 9:18 am Media Pivot Knee
C. Lowry Barnes, MD, University of Arkansas for Medical Sciences

9:18 am – 9:25 am DVT Prophylaxis
Paul F. Lachiewicz, MD, Duke University

9:25 am – 9:35 am Questions & Discussion

SYMPOSIUM 6: Trauma Cased Based Discussions

Moderator: Paul B. Gladden, MD, *Tulane University School of Medicine*

9:35 am – 10:20 am TBD

GENERAL SESSION 3: Distinguished Southern Orthopaedist

10:20 am – 10:25 am **Introduction of Distinguished Southern Orthopaedist**
L. Andrew Koman, MD, Wake Forest Baptist Health

10:25 am – 10:55 am **Distinguished Southern Orthopaedist**
A Tale of Two Nails: Reflections on the Treatment of Fractures in Children Over the Past 30 Years
Gregory Mencio, MD, Vanderbilt University Medical Center

10:55 am – 11:15 am *Break – Please visit Exhibits*

GENERAL SESSION 4: AAOS REPORT

11:15 am – 11:30 am AAOS Report
Felix H. “Buddy” Savoie III, MD, Tulane Orthopaedics
**CME Credit Not Available*

11:30 am – 12:00 pm **Focused Lunch Presentation**
**CME Credit Not Available*

RAPID FIRE SESSION 4A – Total Joint

12:05 pm – 12:09 pm 262 - Treatment Decision Regret in Patients who Develop Periprosthetic Joint Infection and Require Two Stage Revision Surgery
Sean Sequeira, BS, Union Memorial Hospital

12:09 pm – 12:13 pm 229 - Perioperative Results of Immersive Virtual Reality as Adjunct Anesthesia when Performing Primary Total Hip and Knee Arthroplasty
Cameron K. Ledford, MD, Mayo Clinic Florida

- 12:13 pm – 12:17 pm **SOA Resident Travel Grant Award Winner**
328 - Patient Race Significantly Impacts Postoperative Outcome in
THA Patients
*Jesse Seilern und Aspang, MD, Emory University School of
Medicine*
- 12:17 pm – 12:20 pm Discussion
- 12:20 pm – 12:24 pm 298 - Age-Adjusted Modified Frailty Index: Improved Risk
Stratification for Knee Arthroplasty
Jacob M. Wilson, MD, Emory University School of Medicine
- 12:24 pm – 12:28 pm 305 - Diagnostic and Invasive Colonoscopy are not Risk Factors
for Revision Surgery Due to Periprosthetic Joint Infection: A
Retrospective Database Study
*Anthony Chiu, George Washington School of Medicine & Health
Sciences*
- 12:28 pm – 12:32 pm 288 - Healthcare Utilization from Osteoarthritis Diagnosis to Joint
Arthroplasty in Telemedicine Patients
Lefko T. Charalambous, BS, Duke University School of Medicine
- 12:32 pm – 12:35 pm Discussion

RAPID FIRE SESSION 4B – Hand & Wrist

- 12:05 pm – 12:09 pm 201 - Regional Anesthesia is Associated with Prolonged Operative
Time and Unplanned Admission in DR Fractures
Ryan W. Horn, MD, Medical University of South Carolina
- 12:09 pm – 12:13 pm **E. Lyle Cain, MD Donor Award**
363 - Clinical and Radiographic Outcomes of Single vs. Double
Suture Button Suspensionplasty
Sneha R. Rao, MD, Duke University
- 12:13 pm – 12:17 pm 110 - PROMIS Depression and Anxiety Predict Worse
Postoperative Hand Function
Luke Pitsenbarger, University of Maryland School of Medicine
- 12:17 pm – 12:20 pm Discussion
- 12:20 pm – 12:24 pm 112 - Factors Associated with Worse PROMIS Pain Interference
after Hand Surgery
Yanni G. Kavas, BS, University of Maryland School of Medicine

12:24 pm – 12:28 pm 199 - Effect of Surgeon Specialty on Complications in
Carpometacarpal Arthroplasty
Charles A. Johnson, MD, Medical University of South Carolina

12:28 pm – 12:32 pm 412 - Characteristics of Patients Undergoing Distal Radioulnar
Joint Arthroplasty: A National Database Review
Suresh K. Nayar, MD, Mayo Clinic Florida

12:32 pm – 12:35 pm Discussion

RAPID FIRE SESSION 4C – Sports Medicine

12:05 pm – 12:09 pm 136 - Minimum Five-Year Outcomes of High-Level Athletes with
Borderline Dysplasia Undergoing Primary Hip Arthroscopy with a
Sub-Analysis against a Propensity-Matched Nondysplastic Control
Group
Benjamin G. Domb, MD, American Hip Institute

12:09 pm – 12:13 pm 334 – Ten Year Outcomes following Endoscopic Gluteus Medius
Repair
Payam W. Sabetian, MD, American Hip Institute

12:13 pm – 12:17 pm 70 - Effect of Tanner Stage and Hypermobility in Pediatric ACL-
Deficient Patients
Matthew J. Matava, MD, Washington University

12:17 pm – 12:20 pm Discussion

12:20 pm – 12:24 pm 335 - Workers' Compensation Patients Improve after Hip
Arthroscopy for Labral Tears: A Five-Year Outcome Propensity-
Score Matched Study
Payam W. Sabetian, MD, American Hip Institute

12:24 pm – 12:28 pm 51 - Long-Term Survivorship: Arthroscopic Acetabular Labral
Repair vs. Labral Debridement
Christopher T. Eberlin, BS, Massachusetts General Hospital

12:28 pm – 12:32 pm 129 - Minimum Ten-Year Follow-Up Outcomes and Survivorship
following Primary Hip Arthroscopy with Acetabular Microfracture
Benjamin G. Domb, MD, American Hip Institute

12:32 pm – 12:35 pm Discussion

RAPID FIRE SESSION 4D – Practice Management & Education

- 12:05 pm – 12:09 pm 447 - Do Medicaid Patients have Less Access to Orthopaedic Care?
Feyikemi Ogunfuwa, BS, Cleveland Clinic Florida
- 12:09 pm – 12:13 pm 460 - Trends in Gender Disparities in Orthopaedic Shoulder and Elbow Surgeons in the United States
Jessica V. Baran, BS, Cleveland Clinic Florida
- 12:13 pm – 12:17 pm 445 - Why Use Telehealth? Perspectives among Orthopaedic Surgeons
Feyikemi Ogunfuwa, BS, Cleveland Clinic Florida
- 12:17 pm – 12:20 pm Discussion
- 12:20 pm – 12:24 pm 8 - The Impact of Video Conference on Orthopaedic Resident Education: A Survey
Michael Booth, MD, West Virginia University
- 12:24 pm – 12:28 pm 2 - Does Surgeon Level of Expertise Correlate with Patient Outcomes?
Joseph Geller, MD, University of Miami Miller School of Medicine
- 12:28 pm – 12:32 pm 15 - The Fate of Orthopaedic Surgery Applicants from Medical Schools without an Orthopaedic Surgery Residency
Joshua R.Eskew, MD, Prisma Health - Upstate
- 12:32 pm – 12:35 pm Discussion

RAPID FIRE SESSION 4E – Pediatrics

- 12:05 pm – 12:09 pm 109 - Racial Disparities in Outcomes following Open Treatment of Pediatric Femoral Shaft Fractures
Alisa Malyavko, MS, George Washington University School of Medicine and Health Sciences
- 12:09 pm – 12:13 pm 95 - Patient Reported Outcomes following Calcaneal Lengthening Osteotomy for Idiopathic Flexible Flatfoot
Daniel Pereira, MD, Washington University Orthopaedics
- 12:13 pm – 12:17 pm 55 - Study Groups in AIS Presentations at the SRS Annual Meeting
Maxwell D. Marshall, BM, Medical University of South Carolina
- 12:17 pm – 12:20 pm Discussion

- 12:20 pm – 12:24 pm 276 - Racial Disparities in Outcomes following Operative Management of Pediatric Developmental Dysplasia of the Hip
Alisa Malyavko, MS, George Washington University School of Medicine and Health Sciences
- 12:24 pm – 12:28 pm 167 - Incidence of Vitamin D Deficiency in the Operative Pediatric Orthopaedic Patient during COVID-19 Pandemic
Lindsay Crawford, MD, University of Texas Health Orthopaedics
- 12:28 pm – 12:32 pm 98 - Complexity and Complication Rate of ATV-Associated Open Fractures in a Pediatric Population
Ezan A. Kothari, University of Alabama at Birmingham
- 12:32 pm – 12:35 pm Discussion

SYMPOSIUM 7: Total Hip

Moderator: *Michael P. Bolognesi, Duke University*

- 12:40 pm – 12:46 pm Optimal Bearing Combination in 2023
William J. Maloney, MD, Stanford University
- 12:46 pm – 12:52 pm Intraoperative Imaging
Robert L. Barrack, MD, Washington University Physicians
- 12:52 pm – 12:58 pm Dual Mobility
Ryan M. Nunley, MD, Washington University
- 12:58 pm – 1:04 pm Preventing Fractures in the Anterior Approach
Brian A. Jewett, MD, Slocum Center for Orthopedics
- 1:04 pm – 1:10 pm Defending the Posterior Approach
Amar S. Ranawat, MD, Hospital for Special Surgery
- 1:10 pm – 1:16 pm Title TBD
Michael P. Bolognesi, Duke University
- 1:16 pm – 1:25 pm Questions & Discussion

SYMPOSIUM 8: Trauma Debates

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

- 1:25 pm – 1:27 pm Proximal Humerus Fracture Debates
Intro
Holly Tyler-Paris Pilson, MD, Wake Forest Baptist Health

1:27 pm – 1:35 pm	Position 1- Fix It and Forget It- When Non-Op Treatment Won't Do: ORIF vs. IMN- My Indications, Tips and Tricks and Pitfalls <i>Speaker TBD</i>
1:35 pm – 1:43 pm	Position 2- Fix It and Regret It- Arthroplasty is a Better Option- My Indications, Tips and Tricks and Pitfalls <i>Speaker TBD</i>
1:43 pm – 1:48 pm	Summary & Questions
	<u>Distal Femur Fracture Debates</u>
1:48 pm – 1:50 pm	Intro <i>Holly Tyler-Paris Pilson, MD, Wake Forest Baptist Health</i>
1:50 pm – 1:58 pm	Position 1- Fix and Forget It- ORIF vs. rIMN for Osteoporotic Fractures: My Indications, New Implants and Techniques, Tips and Tricks, Weight Bearing and Pitfalls <i>Speaker TBD</i>
1:58 pm – 2:06 pm	Position 2- Fix It and Regret It- Arthroplasty or Revision is a Better Option: My Indications, Tips and Tricks and Pitfalls <i>Arun Aneja, MD, PhD, University of Kentucky</i>
2:06 pm - 2:10 pm	Summary & Questions

RESIDENT COURSE

Finding The Right Job For You, and Then What

2:20 pm – 3:50 pm

Moderator: Marney Reid, *Independent Consultant*

Panel: *Cynthia L. Emory, Wake Forest University*
Wesley Greer, MD, WRMC Orthopaedic and Sports Medicine Clinic
Christopher A. Heck, MD, Southlake Orthopaedics
Oke A. Anakwenze, MD, MBA, Duke University

Discussion topics:

- Employment Models – The Good, The Bad, The Reality
- When and How to Look for a Job
- Interview Tips
- Assessing Compensation Models
- Contract “Watch Outs”
- The First 6 Months in Practice

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

Saturday, July 23, 2022

6:00 am – 7:00 am

Scientific E-Poster Session

6:45 am – 7:00 am

Second Business Meeting

7:00 am - 7:05 am

Announcements

Deryk Jones, MD, Program Chair

7:05 am – 7:35 am

SPECIAL SESSION 3

Practical Information for the Practicing Orthopedist

**CME Credit Not Available*

Updates in E & M Coding

Steve Engstrom, MD, Vanderbilt University

Star Ratings

Benjamin Holt, MD

7:35 am – 8:05 am

Focused Breakfast Presentation

**CME Credit Not Available*

RAPID FIRES SESSION 5A – Shoulder & Elbow

8:05 am – 8:09 am

452 - Current Practices in the Management of Anterior Glenohumeral Instability: A Tale Across Waters, France vs. the United States

Alexander M. Dawes, BS, Emory University

8:09 am – 8:13 am

54 - Complications following Shoulder Instability Repair: Bankart vs. Latarjet-Bristow

Christopher T. Eberlin, BS, Massachusetts General Hospital

8:13 am – 8:17 am

185 - Lymphedema and the Effect of Radiation in RCR and TSA

Zoe Hinton, MD, Duke University School of Medicine

8:17 am – 8:20 am

Discussion

8:20 am – 8:24 am

218 - Comparison of SLAP Repair and Bicep Tenodesis for SLAP Tears

R. Timothy Kreulen, MD, Johns Hopkins University

8:24 am – 8:28 am

166 - Comparison of Clinical Outcomes Using Inlay vs. Onlay Humeral Trays in Reverse Shoulder Arthroplasty for Patients with Cuff Tear Arthropathy

Prashant Meshram, Johns Hopkins Medical Institute

8:28 am – 8:32 am 155 - Incidence and Risk Factors for Re-Revision Reverse Total Shoulder Arthroplasty
Daniel S. O'Keefe, BS, University of Florida College of Medicine

8:32 am – 8:35 am Discussion

RAPID FIRES SESSION 5B – Sports Medicine

8:05 am – 8:09 am 132 - Primary Acetabular Labral Reconstruction in Adolescents, in the Rare Scenario of Irreparable Labral Tears
Benjamin G. Domb, MD, American Hip Institute

8:09 am – 8:13 am 135 - Personalized Medicine in Hip Preservation: Use of Machine-Learning Methodology for Creation of a Preoperative Prognostic Model for Patients Undergoing Hip Arthroscopy
Philip J. Rosinsky, MD, American Hip Institute

8:13 am – 8:17 am 137 - Minimum Two-Year Outcomes of Patients from Non-Metropolitan Areas Undergoing Primary Hip Arthroscopy for Femoroacetabular Impingement Syndrome with a Propensity-Matched Comparison to a Control Group of Patients from Metropolitan Areas
Benjamin G. Domb, MD, American Hip Institute

8:17 am – 8:20 am Discussion

8:20 am – 8:24 am 88 - Systematic Review of Musculoskeletal Issues in Retired NFL Players
Joseph Elphingstone, MD, University of Alabama at Birmingham

8:24 am – 8:28 am 65 - Biomechanical Properties of Suture Anchor vs. Transosseous Tunnel Technique for Patellar Tendon Repair
Casey M. Imbergamo, MD, MedStar Orthopaedic Institute

8:28 am – 8:32 am 52 - Review of Hamstring Injury Prevention and Risk Factor Management
Christopher T. Eberlin, BS, Massachusetts General Hospital

8:32 am – 8:35 am Discussion

RAPID FIRES SESSION 5C – Total Hip

- 8:05 am – 8:09 am 279 - Direct Anterior Approach is Associated with Lower Dislocation Risk after Primary Total Hip Arthroplasty in Patients with Prior Lumbar Spine Fusion
Benjamin Wilke, MD, Mayo Clinic
- 8:09 am – 8:13 am 244 - Periprosthetic Fractures in Cemented vs. Uncemented Hip Arthroplasty
Patrick B. Curtin, MD, University of Massachusetts
- 8:13 am – 8:17 am 177 - Location of Initial Closed Reduction Attempt Increases Cost In THA
Eric Dilbone, MD, BE, Vanderbilt University Medical Center
- 8:17 am – 8:20 am Discussion
- 8:20 am – 8:24 am **SOA Resident Travel Grant Award Winner**
254 - A Novel Method for Stratification of Major Complication Risk using Body Mass Index Thresholds for Patients Undergoing Total Hip Arthroplasty: A National Cohort of 224,413 Patients
Andrew Harris, MD, Johns Hopkins Orthopaedic Surgery
- 8:24 am – 8:28 am 274 - A Comparison of Precision in Total Hip Arthroplasty Component Placement Based on Surgical Approach
Benjamin Wilke, MD, Mayo Clinic
- 8:28 am – 8:32 am 16 - Flat Panel Fluoroscopy Effectiveness in Direct Anterior Total Hip Arthroplasty
Zachary A. Gapinski, MD, Orlando Health
- 8:32 am – 8:35 am Discussion

RAPID FIRES SESSION 5D – Total Knee

- 8:05 am – 8:09 am 174 - Degenerative Lumbar Spine Surgery Timing Does Not Affect TKA Outcomes
Alexander J. Volkmar, MD, Vanderbilt University Medical Center
- 8:09 am – 8:13 am 79 - Increased Revision Rates among Patients Undergoing Unicompartamental and Bicompartmental Knee Arthroplasties when Compared to Total Knee Arthroplasty
Amil R. Agarwal, BA, George Washington University School of Medicine and Health Sciences
- 8:13 am – 8:17 am 408 - Resident Impact on Complication Rates in Revision Total Knee Arthroplasty
Kelly Chandler, BS, University of Alabama at Birmingham

- 8:17 am – 8:20 am Discussion
- 8:20 am – 8:24 am 139 - Different Knee Arthroplasty Procedures for Osteoarthritis from 2010 to 2019
Samuel Fuller, BS, George Washington University School of Medicine and Health Sciences
- 8:24 am – 8:28 am 146 - Crohn's Increases In-Hospital Stay Lengths, Complications, and Costs following TKA
Bana Hadid, ScB, School of Medicine, State University of New York Downstate Medical Center
- 8:28 am – 8:32 am 266 - Trends in Opioid vs. Non-Opioid Use following Total Knee Arthroplasty (TKA)
Ameen Z. Khalil, MS, George Washington University
- 8:32 am – 8:35 am Discussion

RAPID FIRES SESSION 5E – Trauma

- 8:05 am – 8:09 am 404 - Outcomes of Distal Radius Fractures Treated with Multiplanar External Fixation
Andres D. Maeso, BS, Riverside Regional Medical Center
- 8:09 am – 8:13 am 162 - Alcohol Use Disorder is Associated with Heterotopic Ossification
Jesse Seilern und Aspang, MD, Emory University School of Medicine
- 8:13 am – 8:17 am 158 - Pelvic Angioembolization Preceding Acetabular ORIF: Is it Permissible for Infection?
Ryan S. Zamanzadeh, BS, Emory University
- 8:17 am – 8:20 am Discussion
- 8:20 am – 8:24 am 309 - Operating Room Size does not Affect SSI Rate with IMN
William S. Godfrey, MD, Emory University School of Medicine
- 8:24 am – 8:28 am 159 - The Impact of Frailty in Acetabular Surgery
Ryan S. Zamanzadeh, BS, Emory University
- 8:28 am – 8:32 am 420 - Ballistic Tibial Plafond Fractures: Treatment and Outcomes
Jeffrey S. Holmes, MD, Emory University School of Medicine
- 8:32 am – 8:35 am Discussion

CONCURRENT SYMPOSIUM 9A: Shoulder Instability

Moderator: Michael J. O'Brien, MD, *Tulane University*

- 8:40 am – 8:48 am History of Arthroscopic Stabilization, Change is Good
Felix H. "Buddy" Savoie III, MD, Tulane Orthopaedics
- 8:48 am – 8:56 am Treatment of the 1st-Time Dislocator
Michael J. Kissenberth, MD, Prisma Health
- 8:56 am – 9:04 am Anterior Instability in the Contact Athlete
Stephen Choate, MD, Ochsner Sports Medicine Institute
- 9:04 am – 9:12 am Traumatic Posterior Instability
Kevin W. Farmer, MD, University of Florida
- 9:12 am – 9:20 am Instability After Reverse Shoulder Arthroplasty
Howard D. Routman, MD, Palm Beach Shoulder Service
- 9:20 am – 9:25 am Discussion

CONCURRENT SYMPOSIUM 9B: Soft Tissue Masses: A Visual Guide to the Good, the Bad, and the Ugly

Moderator: Ginger E. Holt, MD, *Vanderbilt University*

- 8:40 am – 8:50 am Intro and Why You Don't Want to Miss a STS
Ginger E. Holt, MD, Vanderbilt University
- 8:50 am – 9:00 am Imaging of Soft Tissue Masses
Cynthia L. Emory, MD, Wake Forest
- 9:00 am – 9:10 am Top 10 STS Mimics
Alexandra K. Callan, MD, UT Southwestern Medical Center
- 9:10 am – 9:25 am Cases & Discussion
- 9:25 am – 9:50 am ***Break – Please visit Exhibits***

RESIDENT AWARD SESSION

Moderator: Deryk G. Jones, MD, *Ochsner Sports Medicine Institute*
Henry Clayton Thomason III, MD, *Carolina Orthopaedic & Sports Medicine*

- 9:50 am – 9:56 am **SOA Presidents' Resident Award Winner**
450 - Virtual Reality Use in Pediatric Patients for Orthopedic
Clinical Procedures: A Randomized Prospective Trial of Efficacy
Bhumit R. Desai, MD, Ochsner Medical Center

- 9:56 am – 10:02 am **Harley & Betty Baxter Resident Award Winner**
 197 - Interscalene Block with Liposomal Bupivacaine vs. Continuous Interscalene Catheter in Primary Total Shoulder Arthroplasty
Jay M. Levin, MD, Duke University
- 10:02 am – 10:08 am **Harley & Betty Baxter Resident Award Winner**
 130 - Patient-Reported Outcomes Survivorship at Minimum Ten-Year Follow-Up in Patients with Borderline Dysplasia Following Primary Hip Arthroscopy
David R. Maldonado, MD, American Hip Institute
- 10:08 am – 10:14 am **SOA/OREF Resident Award Winner**
 181 - Outcomes of Close Reduction and Casting of Pediatric Tibia Shaft Fractures: Report from Two Large Trauma Centers
Daniel Pereira, MD, Washington University Orthopaedics
- 10:14 am – 10:20 am **SOA/OREF Resident Award Winner**
 182 - Effects of Metacarpophalangeal Arthrodesis on Thumb Ligament Reconstruction Tendon Interposition
Eric Taris, DO, East Tennessee State University
- 10:20 am – 10:26 am **SOA/OREF Resident Award Winner**
 259 - Liposomal Bupivacaine Provides Better Comfort than Interscalene Catheter following Arthroscopic Shoulder Surgery
Kevin C. Wall, MD, MPH, University of Alabama at Birmingham
- 10:26 am – 10:35 am Discussion

GENERAL SESSION 5: BOC Report and Presidential Address

Moderator: Deryk G. Jones, MD, *Ochsner Sports Medicine Institute*

- 10:35 am - 10:45 am **BOC Report**
Michael P. Horan, MD, Prisma Health Orthopedics
- 10:45 am - 10:50 am **Introduction of Presidential Address**
Deryk G. Jones, MD, Ochsner Sports Medicine Institute
- 10:50 am - 11:20 am **Presidential Address**
Andrew A. Shinar, MD, Vanderbilt Orthopaedic Institute
- 11:20 am – 11:35 am **REFRESHMENT BREAK**

CONCURRENT SYMPOSIUM 10A: Hand

Moderator: Abhinav Bobby Chhabra, MD, *University of Virginia*

- 11:35 am – 11:45 am Advances in the Treatment of Hand, Wrist, & Elbow Trauma
Eric Wagner, MD, Emory University
- 11:45 am – 11:55 am Advances in the Treatment of Nerve Injuries
John Li, MD, PhD, Wake Forest
- 11:55 am – 12:05 pm Advances in the Treatment of Sports Injuries to the Hand, Wrist & Elbow
Abhinav Bobby Chhabra, MD, University of Virginia
- 12:05 pm – 12:15 pm Biologics and Their Use in Upper Extremity Injuries, the Future
L. Andrew Koman, MD, Wake Forest
- 12:15 pm – 12:20 pm Discussion

CONCURRENT SYMPOSIUM 10B: Peds

Moderator: Megan E. Johnson, MD, *Scottish Rite for Children*

- 11:35 am – 11:42 am Pediatric Upper Extremity Fractures
Amy L. McIntosh, MD, Scottish Rite for Children
- 11:42 am – 11:49 am Pediatric Lower Extremity Fractures
Joshua S. Murphy, MD, Children's Healthcare of Atlanta
- 11:49 am – 11:56 am Pediatric Hip Conditions
William Z. Morris, MD, Scottish Rite for Children
- 11:56 am – 12:03 pm The Pediatric/Adolescent Athlete
Kendall E. Bradley, MD, Duke University
- 12:03 pm – 12:10 pm Pediatric Orthopedic Conditions Not to Miss in Clinic
Craig R. Lauer, MD, Vanderbilt University Medical Center
- 12:10 pm – 12:20 pm Discussion

RAPID FIRE SESSION 6A – Shoulder & Elbow

- 12:25 pm – 12:29 pm 394 - Obesity Negatively Affects Outcomes following Arthroscopic Rotator Cuff Repair at Four-Year Follow-Up
Nata Parnes, MD, Carthage Area Hospital
- 12:29 pm – 12:33 pm 145 - Metabolic Syndrome: Is Arthroscopic Rotator Cuff Repair Safe in these Patients?
Theodore Quan, BS, George Washington University

- 12:33 pm – 12:37 pm 325 - Surgical Outcomes for Arthroscopic Olecranon Bursectomy in the Treatment of Recalcitrant Olecranon Bursitis
Patrick W. Joyner, MD, MS, University of Central Florida
- 12:37 pm – 12:40 pm Discussion
- 12:40 pm – 12:44 pm 210 - Stepwise Increase of International Normalized Ratio Escalates the Risks of Complications following TSA
Theodore Quan, BS, George Washington University
- 12:44 pm – 12:48 pm 397 - The Transition to Outpatient Total Shoulder Arthroplasty
Nata Parnes, MD, Carthage Area Hospital
- 12:48 pm – 12:52 pm 190 - Statistical Fragility of Rehabilitation Protocols following Surgical Rotator Cuff Repair
Sean Sequeira, BS, Union Memorial Hospital
- 12:52 pm – 12:55 pm Discussion

RAPID FIRE SESSION 6B – Spine

- 12:25 pm – 12:29 pm 364 - Late-Week Multi-Level ACDF is Associated with Increased Length of Stay
Evan Miller, MD, Wake Forest Baptist Health
- 12:29 pm – 12:33 pm 207 - Mortality of Operative Spinal Fractures in COVID-19 Positive Patients Using Data from a US National Database
Logan A. Reed, BS, University of Alabama at Birmingham
- 12:33 pm – 12:37 pm 127 - Elixhauser Comorbidity Index Score Correlates with Complications following Lumbar Fusion
Geoffrey Cloud, MSc, BA, State University of New York Downstate College of Medicine
- 12:37 pm – 12:40 pm Discussion
- 12:40 pm – 12:44 pm 409 - Does Upper Instrumented Vertebrae Impact Outcomes of Fusion to Sacrum?
Oscar Covarrubias, BS, Johns Hopkins University School of Medicine
- 12:44 pm – 12:48 pm 33 - Enhanced Recovery Pathway for Elective Spine Surgery
Logan A. Reed, BS, University of Alabama at Birmingham
- 12:48 pm – 12:52 pm 352 - Emergency Department Visits after Outpatient Spine Surgery
Daniel Badin, MD, Johns Hopkins University

12:52 pm – 12:55 pm Discussion

RAPID FIRE SESSION 6C – Sports Medicine

12:25 pm – 12:29 pm 436 - Season-Impacting Injuries in the Women’s National Basketball Association (WNBA) from 2019 to 2021
Gabriel Lama, BS, Cleveland Clinic Florida

12:29 pm – 12:33 pm 449 - Risk Factors for Anterior Cruciate Ligament Tears in Women’s National Basketball Association Players
Payton Yerke, BS, Cleveland Clinic Florida

12:33 pm – 12:37 pm 226 - Results of Meniscal Transplant over a 13-Year Study Period
Bhumit R. Desai, MD, Ochsner Medical Center

12:37 pm – 12:40 pm Discussion

12:40 pm – 12:44 pm 14 - Treatment of Osteochondritis Dessicans of the Capitellum Using BioCartilage
Baylor E Blickenstaff, MD, Marshall University School of Medicine

12:44 pm – 12:48 pm 427 – Short-Term Results after Missouri Osteochondral Preservation System for Symptomatic Chondral Lesions
Bhumit R. Desai, MD, Ochsner Medical Center

12:48 pm – 12:52 pm 117 - Depression and Anxiety Predict Worse Baseline Function in Hip Arthroscopy
Samir Kaveeshwar, BA, University of Maryland School of Medicine

12:52 pm – 12:55 pm Discussion

RAPID FIRE SESSION 6D – Foot & Ankle

12:25 pm – 12:29 pm 240 - Treatment of 43C Pilon Fractures with Hindfoot Nailing vs. ORIF
David A. Patch, MD, ATC, Med, University of Alabama at Birmingham

12:29 pm – 12:33 pm 396 - Calcaneus Fractures: Outcomes after Percutaneous Kirshner Wire vs. Screw Fixation
Mariel M. Rickert, MD, Vanderbilt University Medical Center

- 12:33 pm – 12:37 pm 356 - Is Patient Resilience Associated with Improved Outcomes following Brostrom-Gould?
Ashish Shah, MD, University of Alabama at Birmingham
- 12:37 pm – 12:40 pm Discussion
- 12:40 pm – 12:44 pm 422 - Statistical Fragility of Platelet-Rich Plasma as Treatment for Achilles Tendinopathy
Amy L. Xu, BS, Johns Hopkins University
- 12:44 pm – 12:48 pm 9 - Patient-Related Risk Factors for Primary MTP Arthroplasty Revision to MTP Arthrodesis
Alyssa D. Althoff, MD, University of Virginia
- 12:48 pm – 12:52 pm 23 - Orthopaedic Foot and Ankle Surgery Leadership Trends
Aman Chopra, Georgetown University School of Medicine
- 12:52 pm – 12:55 pm Discussion
- RAPID FIRE SESSION 6E – Total Joint**
- 12:25 pm – 12:29 pm 251 - Telemedicine Utilization Trends in a Multi-Site Academic Orthopaedic Surgery Department throughout the COVID-19 Pandemic
Andrew Harris, MD, Johns Hopkins Orthopaedic Surgery
- 12:29 pm – 12:33 pm 80 - Limited Impact of Orthopaedic Surgeons on National Institutes of Health Grant Funding for Total Joint Arthroplasty Research
Jason Silvestre, MD, Howard University Hospital
- 12:33 pm – 12:37 pm 413 - Statistical Fragility of Venous Thromboembolism Prophylaxis following Total Joint Arthroplasty
Sean Sequeira, BS, Union Memorial Hospital
- 12:37 pm – 12:40 pm Discussion
- 12:40 pm – 12:44 pm 280 - Pseudomonas Prosthetic Joint Infections: Poor Outcomes for Most Patients
Billy Kim, BA, Duke University School of Medicine
- 12:44 pm – 12:48 pm 442 - The Growth of Medicare Advantage Plans May Limit Access to Orthopaedic Joint Replacements
Sarah Girshfeld, BA, Cleveland Clinic Florida

12:48 pm – 12:52 pm

237 - Impact of Adult Reconstructive Orthopaedics Fellowship
Training on Surgical Case Volume
Jason Silvestre, MD, Howard University Hospital

12:52 pm – 12:55 pm

Discussion

1:00 pm – 2:30 pm

Scientific E-Poster Session