Thursday, July 18, 2019

6:00 am – 7:00 am  Scientific E-Poster Session (Presenters are available to answer questions)  
(Conference Room 1, Conference Room 2 & Conference Room 3)

7:00 am – 7:15 am  First Business Meeting

7:15 am – 7:20 am  Welcome and Announcements  
Ryan M. Nunley, MD, President  
Stephen T. Duncan, MD, Program Chair

SYMPOSIUM 1: "My Worst Case" Competition – Total Joint Arthroplasty  
Moderators: Stephen T. Duncan, MD, University of Kentucky  
Gregory G. Polkowski, MD, MSc, Vanderbilt University Medical Center

7:20 am – 8:15 am  Speakers:  
James A. Browne, MD, University of Virginia School of Medicine  
Paul F. Lachiewicz, MD, Duke University  
Ryan M. Nunley, MD, Washington University School of Medicine  
Andrew A. Shinar, MD, Vanderbilt Orthopaedic Institute

8:15 am – 8:45 am  Focused Brunch Presentation – Heron Therapeutics  
Benefits and Limitations of Local Anesthetics in Postoperative Pain  
Paul F. Lachiewicz, MD  
*CME Credit Not Available

RAPID FIRE SESSION 1A: Opioids and Pain Management (Cumberland A)  
Moderator: James A. Keeney, MD, Missouri Orthopaedic Institute  
Michael J. O’Brien, MD, Tulane University

8:50 am – 8:54 am  Implant Complications Following Total Hip Arthroplasty in Opioid Abusers  
Rushabh M. Vakharia, MD, Holy Cross Hospital

8:54 am – 8:58 am  Depression Leads to Increased Opioid Consumption after Total Hip Arthroplasty  
Gregory Kurkis, MD, Emory University

8:58 am – 9:02 am  Opioid Use Increases Thromboembolic Complications Following Primary Total Knee Arthroplasty  
Scott Nelson, DO, Holy Cross Hospital
9:02 am – 9:06 am  Nationwide Trends in Opioid Prescriptions for Common Orthopaedic Procedures: Are We Over-Prescribing?  
Sophia A. Traven, MD, Medical University of South Carolina

9:06 am – 9:10 am  Discussion

9:10 am – 9:14 am  Does Pain Catastrophizing Predict Age of Onset in Symptomatic Hip Dysplasia and Femoroacetabular Impingement?  
Shawn O. Okpara, BS, University of Texas Southwestern Medical Center

9:14 am – 9:18 am  Liposomal Bupivacaine vs Interscalene Nerve Block for Pain Management after Shoulder Arthroplasty: A Multi-Center Prospective Randomized Controlled Trial  
Saisanjana Vattigunta, BA, Johns Hopkins University

9:18 am – 9:22 am  Economic Burden of Opioid Use Disorder in Patients Undergoing Joint Arthroplasty  
Kevin X. Farley, BS, Emory University School of Medicine

9:22 am – 9:26 am  Assessment of Optimal Volume Expansion for use of Liposomal Bupivacaine in Multimodal Pain Management for Shoulder Arthroplasty  
Vani J. Sabesan, MD, Cleveland Clinic Florida  
*Presented by Kiran Chatha, MD

9:26 am – 9:30 am  Discussion

RAPID FIRE SESSION 1B: Sports Medicine (Cumberland B)  
Moderator: Chaitu S. Malempati, DO, University of Kentucky  
Brian C. Werner, MD, University of Virginia Health System

8:50 am – 8:54 am  The Cost Variability of Orthobiologics  
Alex Dombrowsky, University of Alabama at Birmingham  
*Presented by Kyle Paul, BS

8:54 am – 8:58 am  The Impact of Meniscus Treatment on Functional Outcomes 6 Months after Anterior Cruciate Ligament Reconstruction  
Aaron J. Casp, MD, University of Virginia

8:58 am – 9:02 am  Return to Play following Platelet-Rich Plasma Injection of the Ulnar Collateral Ligament Based on Injury Severity  
Frederic B. Mills IV, MS, Palmetto Health-USC Orthopaedic Center

9:02 am – 9:06 am  Biomechanical Comparison/Cost Analysis for Tendon Preparation in ACL Reconstruction  
Mark A. Prevost II, MD, University of South Alabama Orthopaedics

9:06 am – 9:10 am  Discussion

9:10 am – 9:14 am  Outcomes after Surgical Repair of Medial Meniscal Root Tears: A Systematic Review  
Chad Edwards, DO, Orthopaedic & Sports Medicine Center of Miami
9:14 am – 9:18 am  The Effect of Physeal Closure on Quadriceps Strength and Symmetry after Anterior Cruciate Ligament Reconstruction in Adolescent Patients  
Aaron J. Casp, MD, University of Virginia

9:18 am – 9:22 am  A Comparison of Quadriceps Neuromuscular Firing Patterns in Anterior Cruciate Ligament Autografts: Soft Tissue Quadriceps Tendon vs. Bone-Patellar Tendon-Bone  
Michael I. Letter, MCMS, University of Miami Sports Medicine Institute

9:22 am – 9:26 am  Comparison of Custom 3D Printed Spherical Implants vs. Femoral Head Allografts for Tibiotalocalcaneal Arthrodeses  
John Steele, MD, Duke University Medical Center

9:26 am – 9:30 am  Discussion

RAPID FIRE SESSION 1C: Shoulder & Elbow (Cumberland C)  
Moderator: Scott D. Mair, MD, University of Kentucky Sports Medicine  
Matthew J. Matava, MD, Washington University School of Medicine

8:50 am – 8:54 am  Incidence, Treatment and Outcomes of Periprosthetic Humeral Shaft Fractures after Reverse Total Shoulder Arthroplasty  
Paul Ragusa, DO, Johns Hopkins Orthopedics  
*Presented by Saisanjana Vattigunta, BA

8:54 am – 8:58 am  Does Insurance Status Determine Surgical Outcomes in Shoulder Arthroplasty? An Analysis of Private and Public Insured Populations  
Vani J. Sabesan, MD, Cleveland Clinic Florida  
*Presented by Kiran Chatha, MD

8:58 am – 9:02 am  Validated Score to Predict Who Needs Operative Management for Instability  
Michael J. Kissenberth, MD, Hawkins Foundation  
*Presented by Jared Hudspeth, MD

9:02 am – 9:06 am  Biomechanics of Axial Load Transmission across the Native Human Elbow  
Kaleb B. Smithson, MD, University of Arkansas for Medical Sciences

9:06 am – 9:10 am  Discussion

9:10 am – 9:14 am  Therapeutic Postoperative Anticoagulation after Shoulder Arthroplasty Increases Risk of Complications  
Michelle E. Kew, MD, University of Virginia

9:14 am – 9:18 am  Short-Term Complications and Readmission following Total Shoulder Arthroplasty  
Matthew J. Best, MD, Johns Hopkins Orthopedics

9:18 am – 9:22 am  Minimal Clinically Important Differences in Patient-Reported Outcomes following Biceps Tenodesis  
Francisco Eguía, BA, Johns Hopkins Hospital
Complications in Patients with Sleep Apnea following Total Shoulder Arthroplasty
*Presented by Andrew D. Ardeljan, BS

RAPID FIRE SESSION 1D: **Total Joints** *(Conference Room 1)*

**Moderator:** Gregory G. Polkowski, MD, MSc, Vanderbilt University Medical Center
James A. Browne, MD, University of Virginia School of Medicine

- **8:50 am – 8:54 am**
  Do We Still Need to Use Tourniquets for Total Knee Replacement in the Age of Tranexamic Acid?
  *Sarah Miller, BS, MS, University of Mississippi Medical Center*

- **8:54 am – 8:58 am**
  TKA is Better than UKA for Morbidly Obese Patients
  *John F. Nettour, MD, University of Missouri*

- **8:58 am – 9:02 am**
  Pain Relief in Moderate-Severe Knee Osteoarthritis: Repeat-Administration Triamcinolone Acetonide Extended-Release
  *Deryk G. Jones, MD, Ochsner Sports Medicine Institute*

- **9:02 am – 9:06 am**
  Increased Risk of Transfusion in Total Hip and Knee Arthroplasty with use of SSRI
  *Elshaday S. Belay, MD, Duke University Medical Center*

- **9:06 am – 9:10 am**
  Discussion

- **9:10 am – 9:14 am**
  Revision Total Knee Arthroplasty in High-Risk Patients: Can Pressure Negative Dressing be a Game Changer?
  *Oduche R. Igboechi, MD, MPH, MBA, Tulane University School of Medicine*

- **9:14 am – 9:18 am**
  Knee Arthrodesis for the Salvage of Infected Total Knee Arthroplasty Predicting Failure and the Need for Amputation
  *Caleb Yeung, MD, Brigham and Women's Hospital/Harvard Medical School*

- **9:18 am – 9:22 am**
  Multiple Sclerosis is Associated with Increased Complications Following Total Knee Arthroplasty
  *Nicole D. Quinlan, MD, MS, University of Virginia Health System*

- **9:22 am – 9:26 am**
  Sleep Apnea is a Risk Factor for Total Knee Arthroplasty
  *Wayne Cohen-Levy, BA, MD, MS, Holy Cross Hospital*

- **9:26 am – 9:30 am**
  Discussion

RAPID FIRE SESSION 1E: **Trauma** *(Conference Room 2)*

**Moderator:** Eric S. Moghadamian, MD, University of Kentucky
Langdon A. Hartsock, MD, Medical University of South Carolina
8:50 am – 8:54 am  Impact of Radiographic and Surgical Delay on Hip Fracture Outcomes  
Brendan Y. Shi, BS, Johns Hopkins School of Medicine  
*Presented by Iman Ali, BS

8:54 am – 8:58 am  The Reverse Oblique Supracondylar Humerus Fracture: Description of a Novel Fracture Pattern  
Michael Heffernan, MD, Louisiana State University School of Medicine  
*Presented by Bryant M. Song, MS

8:58 am – 9:02 am  Outcomes of Bridge Plating vs. Standard Fixation in Geriatric Ankle Fractures  
Russell E. Holzgrefe, MD, Emory University Orthopaedics and Spine Hospital

9:02 am – 9:06 am  Opioid Use Predicts Higher Rates of Nonunion after Humerus Fractures  
Rushabh M. Vakharia, MD, Holy Cross Hospital

9:06 am – 9:12 am  Discussion

9:12 am – 9:16 am  20-Year Review of Peri-Prosthetic Fractures after Total Knee Arthroplasty  
Dustin Rinehart, MD, University of Texas Southwestern Medical Center

9:16 am – 9:20 am  New Five-Factor Modified Frailty Index Predicts Morbidity and Mortality in Geriatric Hip Fractures  
Sophia A. Traven, MD, Medical University of South Carolina

9:20 am – 9:24 am  Clinical Outcomes of Floating Shoulder Injuries: A Systematic Review  
Alex Dombrowsky, University of Alabama at Birmingham  
*Presented by Addison Cimino, BS

9:24 am – 9:30 am  Discussion

RAPID FIRE SESSION 1F: Practice Management (Conference Room 3)  
Moderator: Lucian C. Warth, MD, Indiana University Health Physicians  
Ryan M. Nunley, MD, Washington University School of Medicine

8:50 am – 8:54 am  Academic vs Non-Academic Orthopaedic Surgery: Predictors of Academic Career Choice  
Francisco Eguia, BA, Johns Hopkins Hospital

8:54 am – 8:58 am  Orthopaedic Trainee Wellbeing and Burnout: A National Survey Conducted by the Collaborative Orthopaedic Educational Research Group  
Paul Lichstein, MD, Brigham and Women's Hospital/Harvard Medical School

8:58 am – 9:02 am  Who Responds to Genicular Nerve Ablation? Factors Predicting Failure  
Andrew Carlone, MD, University of Kentucky

9:02 am – 9:06 am  Inappropriate Diet Orders may be Common Among Patients with Potential Surgical Emergencies
Kyle A. Petersen, MD, Summa Health System

9:06 am – 9:10 am  Discussion

9:10 am – 9:14 am  The Impact of Workflow on Cutting Time for PKA
Emily Hampp, Mahwah, NJ

9:14 am – 9:18 am  Patient Factors Affect the Domains of HCAHPS Surveys
Waqaar Diwan, MD, University of Texas Southwestern Medical Center

9:18 am – 9:22 am  Increased Orthopaedic Faculty Academic Productivity following Residency Program Restructuring
Caroline J. Granger, MD, University of Miami

9:22 am – 9:26 am  Is Spinal Anesthetic the Standard of Care for Knee Arthroplasty?
Senthil Kumar Sadayampathy Velusamy, MBBS, Glan Clwyd Hospital

9:26 am – 9:30 am  Discussion

9:30 am – 9:50 am  Break – Please visit Exhibits (Magnolia Ballroom A, B, C & D)

GENERAL SESSION 1: OREF Report and Presidential Guest Speaker
Moderator:  Ryan M. Nunley, MD, Washington University School of Medicine

9:50 am – 9:55 am  OREF Report

9:55 am – 10:00 am  Introduction of Presidential Guest Speaker
Ryan M. Nunley, MD, Washington University School of Medicine

10:00 am – 10:35 am  Presidential Guest Speaker
Physician Entrepreneurship: From Operating Room to Board Room
David Kirschman, MD, Parvizi Surgical Innovations

10:35 am – 10:55 am  Break – Please visit Exhibits (Magnolia Ballroom A, B, C & D)

SYMPOSIUM 2: Knee Sports Debates
Moderator:  Darren L. Johnson, MD, University of Kentucky Sports Medicine

10:55 am – 11:05 am  Primary/Revision ACL: What’s New in 2019?
Kevin W. Farmer, MD, University of Florida Orthopaedics and Sports Medicine Institute

11:05 am – 11:15 am  Meniscal Repair: How and Why I Should Save the Meniscus
Matthew J. Matava, MD, Washington University School of Medicine

11:15 am – 11:25 am  Patellofemoral Instability: When, How and Why?
Brian C. Werner, MD, University of Virginia Health System

11:25 am – 11:35 am  Multiligament Injured Knee: What Must I Do and When?
Jeffrey A. Guy, MD, University of South Carolina School of Medicine
11:35 am – 11:50 am  
Knee Case Panel  
*Darren L. Johnson, MD, University of Kentucky Sports Medicine*

11:50 am – 12:20 pm  
Focused Lunch Presentation – Johnson & Johnson Medical Devices Co.  
Optimizing a Multimodal Approach to Control Postsurgical Pain  
*Stan Dysart, MD, MBA*  
*CME Credit Not Available*

**GENERAL SESSION 2: Research Presentations**  
Moderators:  
Stephen T. Duncan, MD, *University of Kentucky*  
Ryan M. Nunley, MD, *Washington University School of Medicine*

12:20 pm – 12:26 pm  
**Resident Travel Grant Award**  
Protocol Based Dual-Antibiotic Prophylaxis Decreases TKA and THA PJI Rates  
*Mark Lane, MD, University of Missouri*

12:26 pm – 12:32 pm  
**Frederick C. Flandry, MD, FACS Donor Award**  
High Early UKA Failure Rate in Morbidly Obese Patients  
*Robert (Tyler) Ellis, MD, University of Missouri*

12:32 pm – 12:38 pm  
**Ryan M. Nunley, MD Donor Award**  
Intramedullary Nail Entry Point Affects Postoperative Femoral Shaft Fracture Alignment  
*M. Wesley Honeycutt, MD, University of South Alabama*

12:38 pm – 12:44 pm  
**Michael J. O’Brien, MD Donor Award**  
Corticosteroid Injection Timing following Knee Arthroscopy Influences Infection Risk  
*Michelle E. Kew, MD, University of Virginia*

12:44 pm – 12:50 pm  
**Andrew A. Shinar, MD Donor Award**  
The Rate of Vessel Injury in Acute Posterior Sternoclavicular Dislocation  
*Matthew Fournier, MD, University of Tennessee - Campbell Clinic*

12:50 pm – 12:56 pm  
**H. Clayton Thomason III, MD Donor Award**  
Proximal Humerus Fractures Treated with Reverse Shoulder Arthroplasty vs. Hemiarthroplasty  
*Stephen Gates, MD, University of Texas Southwestern Medical Center*

12:56 pm – 1:02 pm  
**Scott D. Mair, MD Donor Award**  
Surgical Treatment of Talar Osteochondral Lesion and Return to Sports  
*Andrew M. Schwartz, MD, Emory University Orthopaedics and Spine Hospital*

1:02 pm – 1:10 pm  
Discussion

1:10 pm – 1:16 pm  
Prospective, Randomized Trial of Standard vs Highly Cross-Linked Tibial Polyethylene in Primary Posterior-Stabilized TKA: 2 to 11 Year Follow-Up  
*Paul F. Lachiewicz, MD, Duke University*
1:16 pm – 1:22 pm  Reverse Shoulder Replacement: Incidence Rates, Complications, and Outcomes in 26,638 Patients as Reported by ABOS Part II Candidates from 2005 through 2017  
Stephen Weber, MD, Johns Hopkins School of Medicine

1:22 pm – 1:28 pm  Follow-Up Radiographs after Spica Casting for Pediatric Femur Fractures: Are They Necessary?  
Justin Yan, BS, Louisiana State University  
*Presented by Bryant M. Song, MS

1:28 pm – 1:34 pm  Impact of Sleep Hygiene Education on Outcomes of Arthroplasty Patients  
Benjamin Stronach, MD, University of Mississippi Medical Center

1:34 pm – 1:40 pm  Postoperative CRP Changes Predict Treatment Response in Pediatric MSKI  
Joshua R. Daryoush, Vanderbilt University School of Medicine

1:40 pm – 1:45 pm  Discussion

ROUND TABLE DISCUSSION (Cumberland A)

1:50 pm – 3:20 pm  Short-Stay Total Joint Protocols and Investing in an ASC  
Jeffrey D. Almand, MD, Mississippi Sports Medicine and Orthopaedic Center  
Ryan M. Nunley, MD, Washington University School of Medicine  
James O’Leary MD, Midlands Orthopaedics & Neurosurgery  
Marney Reid, Surgical Care Affiliates

3:20 pm – 4:20 pm  Scientific E-Poster Session (Presenters are available to answer questions)  
(Conference Room 1, Conference Room 2 & Conference Room 3)

4:20 pm – 5:50 pm  Multimedia Education Session (Magnolia Ballroom Foyer)

Friday, July 19, 2019

6:00 am – 7:00 am  Scientific E-Poster Session (Presenters are available to answer questions)  
(Conference Room 1, Conference Room 2 & Conference Room 3)

7:00 am – 7:05 am  Announcements  
Stephen T. Duncan, MD, Program Chair

SYMPOSIUM 3: Total Joints Debates  
Moderators:  C. Lowry Barnes, MD, University of Arkansas for Medical Sciences  
James A. Browne, MD, University of Virginia School of Medicine

7:05 am – 7:20 am  The Anterior Approach: Better, Faster, Cost-Effective  
Affirms:  Paul K. Edwards, MD, University of Arkansas for Medical Sciences  
Against:  James A. Keeney, MD, Missouri Orthopaedic Institute

7:20 am – 7:35 am  Cementless TKA: An Emergent Game Changer
Affirms: Gregory G. Polkowski, MD, MSc, Vanderbilt University Medical Center
Against: Brian M. Curtin, MD, Ortho Carolina

7:35 am – 7:50 am
Tourniquet-less TKA: A Miraculous Conversion
Affirms: Michael Bolognesi, MD, Duke University
Against: Lucian C. Warth, MD, Indiana University Health Physicians

7:50 am – 8:00 am
Questions/Discussion

8:00 am – 8:30 am
Focused Brunch Presentation – OrthAlign
Clinical and Economic Perspectives of Using Handheld Portable Navigation in Knee Arthroplasty
Stephen T. Duncan, MD
Handheld Navigation in Hip Arthroplasty: Efficiently Avoid Trouble
Lucian C. Warth, MD

*CME Credit Not Available

RAPID FIRE SESSION 2A: Trauma (Cumberland A)
Moderators: Eric S. Moghadamian, MD, University of Kentucky
Matthew A. Mormino, MD, University of Nebraska Medical Center

8:35 am – 8:39 am
The Effect of a Dynamic Fixation Construct on Syndesmosis Reduction
M. Wesley Honeycutt, MD, University of South Alabama

8:39 am – 8:43 am
Epidemiology of Motorized Scooter Injuries in the Era of Scooter-Shares
Kevin X. Farley, BS, Emory University School of Medicine

8:43 am – 8:47 am
Resident-Level Involvement Affects OR Time and Complications in Lower Extremity Fracture Care
Sophia A. Traven, MD, Medical University of South Carolina

8:47 am – 8:51 am
L5 Transverse Process Fractures: Instability Predictor in Pelvic Ring Injuries
M. Wesley Honeycutt, MD, University of South Alabama

8:51 am – 8:57 am
Discussion

8:57 am – 9:01 am
Efficacy of Red Cell Salvage Systems in Open Acetabular Surgery
Carl L. Byrd III, DO, East Tennessee State University

9:01 am – 9:05 am
Clinical Evaluation of Distal Radius Fractures by Nonoperative Providers
Matthew Fournier, MD, University of Tennessee - Campbell Clinic

9:05 am – 9:09 am
Racial Disparities in Hip Fracture Care
Iman Ali, BS, Johns Hopkins University

9:09 am – 9:15 am
Discussion

RAPID FIRE SESSION 2B: Shoulder (Cumberland B)
**Moderators:** John D. Kelly IV, MD, *University of Pennsylvania*
Stephen F. Brockmeier, MD, *University of Virginia*

8:35 am – 8:39 am  
Frailty Predicts Complications, Readmission, Reoperation and LOS after Total Shoulder Arthroplasty  
*Russell E. Holzgrefe, MD, Emory University*

8:39 am – 8:43 am  
Clinical and Radiographic Comparison of Cemented and Uncemented Hybrid Glenoid Prostheses  
*Jonathan B. Goodloe, MD, Medical University of South Carolina*

8:43 am – 8:47 am  
Clinical Outcomes Related to Glenoid Component Overhang in Reverse Total Shoulder Arthroplasty  
*Ethan W. Dean, MD, University of Florida*

8:47 am – 8:51 am  
Electrocautery Does Not Diminish the Transmission Rate of *Cutibacterium Acnes*  
*Lamar F. Callaway, MD, Augusta University*

8:51 am – 8:55 am  
Discussion

8:55 am – 8:59 am  
Outcomes following Open Rotator Cuff Repair in Diabetics  
*Keith Aziz, MD, Johns Hopkins Orthopedics*

8:59 am – 9:03 am  
Trends in Peripheral Nerve Blocks in Arthroscopic Rotator Cuff Repairs  
*Abhinav K. Sharma, BS, David Geffen School of Medicine at UCLA*

9:03 am – 9:07 am  
A Retrospective Review of Physical Therapy Utilization Between Private and Medicare Insurance Groups  
*Vani J. Sabesan, MD, Cleveland Clinic Florida*  
*Presented by Mauricio Drummond Jr., MD*

9:07 am – 9:11 am  
Oral TXA Decreases Blood Loss after Reverse Total Shoulder Arthroplasty  
*Thomas Ergen, MD, Palmetto Health-USC Orthopaedic Center*

9:11 am – 9:15 am  
Discussion

**RAPID FIRE SESSION 2C: Sports Medicine (Cumberland C)**

**Moderators:** Frederick C. Flandry, MD, FACS, *The Hughston Clinic*
Omer A. Ilahi, MD, *Southwest Orthopedic Group/Texas Arthroscopy & Sports Medicine Institute*

8:35 am – 8:39 am  
Resilience Correlates with Outcomes after Reverse Total Shoulder Arthroplasty  
*Alex Dombrowsky, University of Alabama at Birmingham*  
*Presented by Graham Kirchner*

8:39 am – 8:43 am  
Corticosteroid Injection Timing after Shoulder Arthroscopy Affects Postoperative Infection Risk  
*Michelle E. Kew, MD, University of Virginia*
8:43 am – 8:47 am  Dialysis Dependence and Modality Impact Complication Rates following Shoulder Arthroplasty  
*Aaron J. Casp, MD, University of Virginia*

8:47 am – 8:51 am  The Association of Perioperative Glycemic Control with Adverse Outcomes after Arthroscopic Rotator Cuff Repair  
*Aaron J. Casp, MD, University of Virginia*

8:51 am – 8:55 am  Discussion

8:55 am – 8:59 am  The Effect of Turf Toe Injuries on Player Performance in the National Football League  
*Andrew Tran, MD, George Washington University*

8:59 am – 9:03 am  Primary and Revision ACL Reconstruction Using an All-Soft Tissue Quadriceps Tendon Autograft  
*Kevin X. Farley, BS, Emory University School of Medicine*  
*Presented by Ehab Nazzal*

9:03 am – 9:07 am  Blumensaat’s Line as a Prediction of Native Anterior Cruciate Ligament Length  
*Frederic B. Mills IV, MS, Palmetto Health-USC Orthopaedic Center*

9:07 am – 9:11 am  Perioperative 25-Hydroxyvitamin D Levels Affect Arthroscopic Rotator Cuff Repair Revision Rates  
*Michelle E. Kew, MD, University of Virginia*

9:11 am – 9:15 am  Discussion

**RAPID FIRE SESSION 2D: Total Joints (Conference Room 1)**

**Moderators:**  Lucian C. Warth, MD, *Indiana University Health Physicians*  
Paul K. Edwards, MD, *University of Arkansas for Medical Sciences*

8:35 am – 8:39 am  Hip or Spine Surgery First? A Survey of Treatment Order by Hip Society Members  
*Paul F. Lachiewicz, MD, Duke University*

8:39 am – 8:43 am  Postoperative Radiographic Outcomes in Revision Hip Arthroplasty – Approach Matters  
*Jacob M. Wilson, MD, Emory University*

8:43 am – 8:47 am  Conversion of Hip Resurfacing to Total Hip Arthroplasty – Improved Function, Low Dislocation, Sacrificed Bone Stock  
*Charles Carrier, MD, Brigham and Women’s Hospital/Harvard Medical School*

8:47 am – 8:51 am  Undersedation during Total Hip Arthroplasty Reduction Results in Worse Patient Outcomes  
*Sean P. Ryan, MD, Duke University Medical Center*

8:51 am – 8:55 am  Discussion
8:55 am – 8:59 am Utility of One-Year Follow-Up after Total Hip and Knee Arthroplasty
Maria Schwabe, BS, Washington University School of Medicine

8:59 am – 9:03 am Risk of Complications following Total Hip Arthroplasty in Patients with Multiple Sclerosis
Nicole D. Quinlan, MD, MS, University of Virginia Health System

9:03 am – 9:07 am The Clinical Relevance of Functional Pelvic Tilt: A Preoperative Analysis of 1,111 Patients
Michael A. Miranda, DO, Brandon, FL

9:07 am – 9:11 am Higher Early Revision with Patient Specific CR-TKA than Contemporary PS-TKA
James A. Keeney, MD, University of Missouri

9:11 am – 9:15 am Discussion

RAPID FIRE SESSION 2E: Foot & Ankle (Conference Room 2)
Moderator: Arjun K. Srinath, MD, MPH, University of Kentucky

8:35 am – 8:39 am Prevalence of Asymptomatic Posterior Tibial Tendinopathy
Frederic B. Mills IV, MS, Palmetto Health-USC Orthopaedic Center

8:39 am – 8:43 am Tibiotalocalcaneal Arthrodesis Using a Novel Retrograde Intramedullary Nail
John Steele, MD, Duke University Medical Center

8:43 am – 8:47 am Effect of Immobilization Devices on Contact Pressures of the Ankle
Niall A. Smyth, MD, Medstar Union Memorial Hospital
*Presented by Pooyan Abbasi, MSc

8:47 am – 8:51 am Influence of Calcaneal and Cotton Osteotomies on Ankle Contact Pressures
Cesar de Cesar Netto, MD, PhD, Medstar Union Memorial Hospital
*Presented by Niall A. Smyth, MD

8:51 am – 8:55 am Discussion

8:55 am – 8:59 am Comparison of Short-Term Outcomes after Ankle Replacement and Ankle Arthrodesis
Junho Ahn, BS, University of Texas Southwestern Medical Center
*Presented by Stephen B. Wallace, MD

8:59 am – 9:03 am Hindfoot Alignment after Total Ankle Replacement
Sophia A. Traven, MD, Medical University of South Carolina

9:03 am – 9:07 am Early Outcomes following Dorsal Denervation of the Midfoot for Management of Arthritic Pain
Glenn G. Shi, MD, Mayo Clinic, Jacksonville
*Presented by Arun Kumar, MD
9:07 am – 9:11 am  Early Outcomes of 3D Printed Total Talus Arthroplasty  
*John Steele, MD, Duke University*

9:11 am – 9:15 am  Discussion

**RAPID FIRE SESSION 2F: Hip Preservation and Pediatric Sports**  
*(Conference Room 3)*  
**Moderators:**  
James R. Ross, MD, *BocaCare Orthopedics*  
Jeffrey J. Nepple, MD, *Washington University School of Medicine*

8:35 am – 8:39 am  Is there a Relationship between Severity of Hip Dysplasia and Patient Reported Pain?  
*Shawn O. Okpara, BS, University of Texas Southwestern Medical Center*

8:39 am – 8:43 am  Acetabular Subchondral and Cortical Perforation during Labral Repair with Suture Anchors: Influence of Portal Location, Curved vs Straight Drill Guides, and Drill Start Point  
*Adam J. Money, MD, Palmetto Health-USC Orthopaedic Center*  
*Presented by Matthew J. Pacana, MD*

8:43 am – 8:47 am  Arthroscopic Management of the Crossover Sign as a Function of Acetabular Coverage: Does Dysplasia Change Things?  
*Dominic S. Carreira, MD, Peachtree Orthopedics*

8:47 am – 8:51 am  Iliopsoas Pathology and Procedures from a Large Multicenter Hip Arthroscopy Study Group  
*Dominic S. Carreira, MD, Peachtree Orthopedics*

8:51 am – 8:57 am  Discussion

8:57 am – 9:01 am  Sleep Disturbance in Patients with Femoroacetabular Impingement and Acetabular Dysplasia  
*Nisha Reddy, BA, University of Texas Southwestern Medical Center*

9:01 am – 9:05 am  Secondary Injuries More Prevalent for Females following Pediatric ACL Reconstruction: A Systematic Review  
*Anthony J. Zacharias, MD, University of Kentucky*

9:05 am – 9:09 am  Incidence of Meniscal Ramp Lesions in a Pediatric Population with Acute Anterior Cruciate Ligament Ruptures  
*Jacob B. Stirton, MD, University of Kentucky*  
*Presented by Kyle Boden, MD*

9:09 am – 9:15 am  Discussion

9:15 am – 9:35 am  Break – Please visit Exhibits  
(Magnolia Ballroom A, B, C & D)

**GENERAL SESSION 3: AAOS Report & Distinguished Southern Orthopaedist**  
**Moderator:**  
Ryan M. Nunley, MD, *Washington University School of Medicine*

9:35 am – 9:50 am  AAOS Report  
*Kristy L. Weber, MD, AAOS President, University of Pennsylvania*
9:50 am – 9:55 am  
**Introduction of Distinguished Southern Orthopaedist**  
*Ryan M. Nunley, MD, Washington University School of Medicine*

9:55 am – 10:40 am  
**Distinguished Southern Orthopaedist**  
Advances in the Treatment of Ankle Arthritis: Where are We Now?  
*James A. Nunley II, MD, Durham, NC*

10:40 am – 11:00 am  
**Break – Please visit Exhibits** (Magnolia Ballroom A, B, C & D)

**SYMPOSIUM 4: Shoulder**  
Moderator:  
Scott D. Mair, MD, *University of Kentucky Sports Medicine*

11:00 am – 11:10 am  
SLAP Lesions/Biceps Anchor Injuries: Do We Ever Repair Anymore?  
*Stephen F. Brockmeier, MD, University of Virginia*

11:10 am – 11:20 am  
Anterior Shoulder Instability – Arthroscopic to Open to Bony Augmentation  
*Michael J. O’Brien, MD, Tulane University*

11:20 am – 11:30 am  
Rotator Cuff Repair: Mobilization, Fixation, Augmentation  
*Scott D. Mair, MD, University of Kentucky Sports Medicine*

11:30 am – 11:40 am  
Glenohumeral Arthritis: Treatment Options for the Young to the Old Patient  
*Kevin W. Farmer, MD, University of Florida Orthopaedics and Sports Medicine Institute*

11:40 am – 11:50 am  
Discussion

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

**SYMPOSIUM 5: Hip Preservation**  
Moderator:  
Jeffrey J. Nepple, MD, *Washington University School of Medicine*

12:20 pm – 12:30 pm  
Femoroacetabular Impingement: 3D Deformity Characterization and Correction  
*James R. Ross, MD, BocaCare Orthopedics*

12:30 pm – 12:40 pm  
Labral Reconstruction – Current Evidence and Technical Tips  
*Scott C. Faucett, MD, MS, The Orthopaedic Center*

12:40 pm – 12:50 pm  
Hip Instability: Acetabular, Femoral, and Soft Tissue Pathology and Treatment  
*Jeffrey J. Nepple, MD, Washington University School of Medicine*

12:50 pm – 1:00 pm  
Abductor Tears – Diagnosis and Treatment Options  
*Stephen T. Duncan, MD, University of Kentucky*

1:00 pm – 1:10 pm  
Hip Preservation Cases – Panel
ROUND TABLE DISCUSSION (Cumberland A)

1:15 pm – 2:45 pm  Knee Sports Case Discussion
Darren L. Johnson, MD  University of Kentucky Sports Medicine

RESIDENT COURSE (Cumberland B & C)
Moderator:    Marney Reid, Surgical Care Affiliates

1:15 pm – 2:45 pm  How to Get a Job in Your Ideal Employment Model
Wesley Greer, MD, WRMC Orthopaedic and Sports Medicine Clinic
Patrick Joyner, MD, Neuroscience and Spine Associates
Michael J. O’Brien, MD, Tulane University

Topics:
- How to Pick the Right Fellowship
- Utilizing Fellowship to Prepare for Practice
- Picking the Employment Model that Aligns with Your Goals
- Networking and Interviewing for the Ideal Job
- Contractual Obligations Watch Outs
- Contract Compensation Models
- Finding Your Niche and Building Your Brand
- Being a Good Junior Partner

2:45 pm – 3:45 pm  Scientific E-Poster Session (Presenters are available to answer questions)
(Conference Room 1, Conference Room 2 & Conference Room 3)

3:45 pm – 4:45pm  Multimedia Education Session (Magnolia Ballroom Foyer)

Saturday, July 20, 2019

6:00 am – 7:00 am  Women in Orthopaedics Forum (Cumberland C)
Challenging Situations and How to Handle Them
Cynthia L. Emory, MD, MBA, Wake Forest Baptist Health

6:00 am – 7:00 am  Scientific E-Poster Session (Presenters are available to answer questions)
(Conference Room 1, Conference Room 2 & Conference Room 3)

7:00 am – 7:10 am  Second Business Meeting

7:10 am – 7:15 am  Announcements
Stephen T. Duncan, MD, Program Chair

SYMPOSIUM 6: Trauma
Moderator:    Eric S. Moghadamian, MD, University of Kentucky

7:15 am – 7:35 am  Management of Tibia Fractures
Suprapatellar Nailing: Thomas M. Large, MD, Mission Hospital
Infrapatellar Nailing: Langdon A. Hartsock, MD, Medical University of South Carolina
Operative Management of Clavicle Fractures is the Way to Go
Affirms: Daniel Dziadosz, MD, All Florida Orthopaedic Associates
Against: Raymond D. Wright, MD, University of Kentucky

Questions/Discussion

Focused Brunch Presentation – Smith & Nephew, Inc.
*CME Credit Not Available

GENERAL SESSION 4: Resident/Fellow Award Session
Moderators: Stephen T. Duncan, MD, University of Kentucky
Ryan M. Nunley, MD, Washington University School of Medicine

SOA Presidents’ Resident Award Winner
Return to Duty after Medial Patellofemoral Ligament Reconstruction in Military Servicemembers
Colleen Moreland, DO, Dwight D. Eisenhower Army Medical Center

Harley & Betty Baxter Resident Award Winner
Evaluation of the Standardized Recommendation Letter for Orthopedic Resident Applicants
Matthew J. Pacana, MD, Palmetto Health-USC Orthopaedic Center

Harley & Betty Baxter Resident Award Winner
Effects of Tablet Count and Pre-Operative Education on Opioid Utilization After ACL Reconstruction
Kevin X. Farley, BS, Emory University School of Medicine

SOA/OREF Resident Award Winner
Missing Data: How it Affects the Identification of Risk Factors for Shoulder Surgery Complications
Keith Aziz, MD, Johns Hopkins Orthopedics

SOA/OREF Resident Award Winner
Variability in Opioid Administration after Fixation of Supracondylar Humerus Fractures
Jonathan B. Goodloe, MD, Medical University of South Carolina

SOA/OREF Resident Award Winner
Elevated BMI Predicts Concurrent Surgical Pathology at the Time of Pediatric ACL Reconstruction
Sophia A. Traven, MD, Medical University of South Carolina

Harley & Betty Baxter Resident Travel Grant Award Winner
Chondrotoxicity of Penicillin G as Intrawound Antibiotic Powder for P. Acnes Prevention
Nischal S. Nadig, DO, Dwight D. Eisenhower Army Medical Center

SOA Resident Travel Grant Award Winner
Spine Patients Demystified: What are the Predictive Factors of Poor Surgical Outcome in Patients after Elective Lumbar Spine Surgery?
José H. Jiménez-Almonte, MD, MS, University of Kentucky

9:33 am – 9:39 am
SOA Resident Travel Grant Award Winner
Does Early Mobilization Affect Range of Motion and Clinical Outcomes after a Reverse Shoulder Arthroplasty?
Vani J. Sabesan, MD, Cleveland Clinic Florida
*Presented by Mauricio Drummond Jr., MD

9:39 am – 9:45 am
SOA Resident Travel Grant Award Winner
Defining Responders vs Non-Responders after Total Ankle Arthroplasty
John Steele, MD, Duke University Medical Center

9:45 am – 9:55 am
Discussion

9:55 am – 10:20 am
Break – Please visit Exhibits (Magnolia Ballroom A, B, C & D)

GENERAL SESSION 5: BOC Report and Presidential Address
Moderator: Stephen T. Duncan, MD, University of Kentucky

10:20 am – 10:30 am
BOC Report
Frederick C. Flandry, MD, FACS, The Hughston Clinic

10:30 am – 10:35 am
Introduction of Presidential Address
Stephen T. Duncan, MD, University of Kentucky

10:35 am – 11:05 am
Presidential Address
Family Affair
Ryan M. Nunley, MD, Washington University Orthopedics

SYMPOSIUM 7: Spine
Moderator: Christopher A. Heck, MD, Southlake Orthopaedics

11:05 am – 11:25 am
Sacroiliitis
Symptoms and Physical Examination:
R. Carter Cassidy, MD, University of Kentucky
Anatomy and Biomechanics:
Gregory Grabowski, MD, Palmetto Health - University of South Carolina
Results of SI Joint Fusion:
Christopher A. Heck, MD, Southlake Orthopaedics

11:25 am – 11:45 am
Cervical Disc Arthroplasty
History of ACDF and Disc Replacement:
R. Carter Cassidy, MD, University of Kentucky
Results of Cervical Disc Replacement:
Christopher A. Heck, MD, Southlake Orthopaedics

11:45 am – 12:00 pm
Questions/Discussion

RAPID FIRE SESSION 3A: Hand and Upper Extremity (Magnolia C)
Moderators: Maureen A. O’Shaughnessy, MD, *University of Kentucky*
Eric R. Wagner, MD, *Emory University*

12:05 pm – 12:09 pm  Effect of Diabetes on Complications following Elective Hand Surgery
*Michael Del Core, MD, University of Texas Southwestern Medical Center*

12:09 pm – 12:13 pm  Suture Button Suspensionplasty and Carpometacarpal Arthritis: Nine Years of Experience
*Nathaniel B. Walter, BS, Medical College of Georgia*

12:13 pm – 12:17 pm  Elevated BMI Predicts Increased Intra-Articular Comminution in Distal Radius Fractures
*Jonathan B. Goodloe, MD, Medical University of South Carolina*

12:17 pm – 12:21 pm  Scaphoid Fractures Treated with Two Headless Compression Screw Techniques
*Thomas Ergen, MD, Palmetto Health-USC Orthopaedic Center*

12:21 pm – 12:25 pm  Discussion

12:25 pm – 12:29 pm  Outcomes after A1 Pulley Resection vs Release for Trigger Finger
*Porter Young, MD, University of Florida*
*Presented by Jeb Williams, MD*

12:29 pm – 12:33 pm  Misvaluation of Hospital-Based Upper Extremity Surgery across Payment, Relative Value Units, and Operative Time
*Suresh K. Nayar, MD, Johns Hopkins Hospital*

12:33 pm – 12:37 pm  Equivalent PROMIS Scores after Nonoperative or Operative Treatment of Carpometacarpal Osteoarthritis of the Thumb
*Suresh K. Nayar, MD, Johns Hopkins Hospital*

12:37 pm – 12:41 pm  The Effect of Malnutrition on Postoperative Complications following Surgery for Distal Radius Fractures
*Jacob M. Wilson, MD, Emory University*

12:41 pm – 12:45 pm  Discussion

**RAPID FIRE SESSION 3B: Foot & Ankle/Tumors (Cumberland B)**

Moderators: Andre Spiguel, MD, *University of Florida*
Arjun K. Srinath, MD, MPH, *University of Kentucky*

12:05 pm – 12:09 pm  Survivorship following Surgical Resection of the Primary Tumor in the Setting of Metastatic Soft Tissue Sarcoma
*Sophia A. Traven, MD, Medical University of South Carolina*

12:09 pm – 12:13 pm  A Multicentered Prospective Randomized Controlled Trial of Negative Pressure Wound Therapy for Preoperatively Irradiated Soft Tissue Sarcoma Wounds
*Sophia A. Traven, MD, Medical University of South Carolina*
12:13 pm – 12:17 pm  Beaming Screw Midfoot Charcot Reconstruction with and without Subtalar Arthrodesis
   Junho Ahn, BS, University of Texas Southwestern Medical Center
   *Presented by Stephen B. Wallace, MD

12:17 pm – 12:21 pm  Mobility Limitation is Greater After Surgery for Degenerative Foot and Ankle Pathology than Total Hip Arthroplasty
   Gregory Kurkis, MD, Emory University

12:21 pm – 12:25 pm  Discussion

12:25 pm – 12:29 pm  Outcomes of Novel Biplanar Plating System for Hallux Valgus Correction
   Kshitij Manchanda, MD, University of Texas Southwestern Medical Center
   *Presented by Stephen B. Wallace, MD

12:29 pm – 12:33 pm  New Technique for Intramedullary Screw Fixation of Fifth Metatarsal Fracture
   Andrew M. Schwartz, MD, Emory University Orthopaedics and Spine Hospital
   *Presented by Faris A. Mirza, BS

12:33 pm – 12:37 pm  Innervation of the Dorsal Midfoot Capsule: An Anatomic and Clinical Study
   Glenn G. Shi, MD, Mayo Clinic, Jacksonville

12:37 pm – 12:41 pm  Complications and Radiographic Outcomes of Cotton Osteotomy with a Titanium Wedge in Flatfoot Deformity Correction Surgery
   Tyler W. Fraser, MD, Chattanooga, TN

12:41 pm – 12:45 pm  Discussion

RAPID FIRE SESSION 3C: Pediatrics (Cumberland C)

Moderators:  Joseph D. Stone, MD, University of North Carolina
             Michael P. Horan, MD, MS, Palmetto Health - University of South Carolina

12:05 pm – 12:09 pm  Pediatric Tibial Eminence Fractures: Novel Treatment using a Bioabsorbable Screw
   M. Wesley Honeycutt, MD, University of South Alabama

12:09 pm – 12:13 pm  The Role of Obesity on Cast Index and Secondary Intervention in Pediatric Forearm Fractures
   Ted S. Samaddar, MD, MPH, Medical University of South Carolina

12:13 pm – 12:17 pm  Epidemiology and CRP as Diagnostic Adjuncts in Pediatric Knee Infections
   Joseph T. Gibian, BS, Vanderbilt University School of Medicine

12:17 pm – 12:21 pm  Combining Guided Growth with ACL Reconstruction to Correct Pre-Operative Malalignment in Skeletally Immature Patients
   Colleen Moreland, DO, Dwight D. Eisenhower Army Medical Center

12:21 pm – 12:25 pm  Discussion
12:25 pm – 12:29 pm  Casting for Early Onset Scoliosis: Comparison of Three Different Materials
*Bryant M. Song, MS, Louisiana State University

12:29 pm – 12:33 pm  Intraoperative Burden of Flexible Intramedullary Nailing and Spica Casting in Young Children
*Bryant M. Song, MS, Louisiana State University

12:33 pm – 12:37 pm  Author-Reported Affiliations on Accepted Abstracts at POSNA Annual Meeting
*Robert Murphy, MD, Medical University of South Carolina
*Presented by Jonathan B. Goodloe, MD

12:37 pm – 12:41 pm  Failed Closed Reduction of Pediatric Femur Fractures with Flexible Nailing
*William L. Shelton, MD, Louisiana State University School of Medicine

12:41 pm – 12:45 pm  Discussion

RAPID FIRE SESSION 3D: Spine (Conference Room 1)
Moderators: Christopher A. Heck, MD, Southlake Orthopaedics
R. Carter Cassidy, MD, University of Kentucky

12:05 pm – 12:09 pm  Pre-Operative Mood Disorder Diagnosis is Predictive of Post-Operative Course after Elective Cervical Spine Surgery
*José H. Jiménez-Almonte, MD, MS, University of Kentucky

12:09 pm – 12:13 pm  Percutaneous Stabilization of Traumatic Lumbar and Thoracic Spine Fractures: A Retrospective Review
*Nathan J. Kopydlowski, MD, Saint Louis University

12:13 pm – 12:17 pm  Tobacco Use is Associated with Worse Patient-Reported Outcomes following Elective Cervical Spine Surgery
*José H. Jiménez-Almonte, MD, MS, University of Kentucky

12:17 pm – 12:21 pm  Validation of a Wireless, Non-Optical System for Measurement of Intra-Operative Spine Alignment
*Tapan Daftar, MD, Resurgens Orthopaedics

12:21 pm – 12:25 pm  Discussion

12:25 pm – 12:29 pm  What’s the Shelf Life of Titanium Screws in Spinal Surgery?
*Ryan Mayer, BS, MD, University of Kentucky

12:29 pm – 12:33 pm  Complications in Sleep Apnea Patients Undergoing 1- to 2- Level Lumbar Fusion
*Bijan J. Ameri, DO, Holy Cross Hospital

12:33 pm – 12:37 pm  Online Ratings of Spinal Deformity Surgeons: Analysis of 634 Surgeons
*Giresse Melone, University of Texas Medical Branch
12:37 pm – 12:41 pm  
Revision Anterior Cervical Discectomy and Fusion using Porous PEEK Implants  
*J. Kenneth Burkus, MD, The Hughston Clinic*

12:41 pm – 12:45 pm  
Discussion

**RAPID FIRE SESSION 3E: Academic Orthopaedics and Practice Management** *(Conference Room 2)*

Moderators:  
Stephen T. Duncan, MD, *University of Kentucky*  
Brian M. Curtin, MD, *Ortho Carolina*

12:05 pm – 12:09 pm  
Compliance with One-Year Follow-Up after Total Hip and Knee Arthroplasty  
*Maria Schwabe, BS, Washington University in St. Louis School of Medicine*

12:09 pm – 12:13 pm  
Innate Arthroscopic Skill: A Review of Predictive Performance Indicators in Novices  
*Eric Mason, BS, Orlando Health/UCF College of Medicine*

12:13 pm – 12:17 pm  
Predictors of Performance on the Arthrobox Arthroscopy Simulator for Medical Students  
*Bradley Richey, MS, BS, Orlando Health/UCF College of Medicine*

12:17 pm – 12:21 pm  
Patient Understanding and Attitudes Toward Opioid Medications  
*Vani J. Sabesan, MD, Cleveland Clinic Florida*  
*Presented by Mauricio Drummond Jr., MD*

12:21 pm – 12:25 pm  
Discussion

12:25 pm – 12:29 pm  
Regenerative Medicine: What Can It Do for Me?  
*Vani J. Sabesan, MD, Cleveland Clinic Florida*  
*Presented by Mauricio Drummond Jr., MD*

12:29 pm – 12:33 pm  
Quality of Online Information Regarding PRP Injections for Knee Osteoarthritis  
*Rowdy Lee, MHS, PA-C, University of Mississippi Medical Center*  
*Presented by Benjamin Stronach, MD*

12:33 pm – 12:37 pm  
Responsiveness of Patient-Reported Outcome Tools in Shoulder Arthroplasty  
*Kevin J. Cronin, MD, University of Kentucky*

12:37 pm – 12:41 pm  
Implementation of a Standardized Care Pathway for Total Knee Arthroplasty  
*Daniel Gelvez, BS, University of Texas Southwestern Medical Center*

12:41 pm – 12:45 pm  
Discussion

**RAPID FIRE SESSION 3F: Total Joints** *(Conference Room 3)*

Moderators:  
C. Lowry Barnes, MD, *University of Arkansas*  
Paul K. Edwards, MD, *University of Arkansas for Medical Sciences*
12:05 pm – 12:09 pm  Assessment of Online Information regarding Mesenchymal Stem Cell Osteoarthritis Treatment  
Jack G. Tharp, MD, University of Mississippi Medical Center

12:09 pm – 12:13 pm  The Clinical Variation in Functional Pelvic Tilt between THA Patients with and without Spinal Fusion  
Michael A. Miranda, DO, Brandon, FL

12:13 pm – 12:17 pm  Protein Power: The Role of Malnutrition in 90-day Outcomes after Total Joint Arthroplasty  
Collin S. Black, MS3, Duke University Medical Center

12:17 pm – 12:21 pm  The Evolution of 2 to 1 Stage Treatments of PJI's: First 500 Cases  
Gerhard E. Maale III, MD, Dallas Ft. Worth Sarcoma Group/Medical City Plano

12:21 pm – 12:25 pm  Discussion

12:25 pm – 12:29 pm  Rheumatoid Arthritis Increases 90-Day Complications after Primary Total Knee Arthroplasty  
Ajit M. Vakharia, BS, Morehouse School of Medicine

12:29 pm – 12:33 pm  Diagnosing PJI: Disparities in Single Synovial Fluid Sample Sent to Separate Centers  
Kevin X. Farley, BS, Emory University School of Medicine

12:33 pm – 12:37 pm  Anterior Revision Total Hip Arthroplasty is Associated with Decreased Postoperative Instability Compared to Posterior Revision Surgery  
Gregory Kurkis, MD, Emory University

12:37 pm – 12:41 pm  Sequential Total Joint Arthroplasties: Are We Learning?  
Cierra S. Hong, BA, Duke University Medical Center

12:41 pm – 12:45 pm  Discussion

ROUND TABLE DISCUSSION (Cumberland A)  
(Lunch will be Provided)

12:50 pm – 1:50 pm  Shoulder Case Discussions  
Chaitu S. Malempati, DO, University of Kentucky

1:50 pm – 2:50 pm  Scientific E-Poster Session (Presenters are available to answer questions)  
(Conference Room 1, Conference Room 2 & Conference Room 3)

2:50 pm – 3:50 pm  Multimedia Education Session (Magnolia Ballroom Foyer)