Thursday, July 18, 2019

6:00 am – 7:00 am  **Scientific E-Poster Session** (Presenters are available to answer questions)

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**
Moderator: James A. Keeney, MD, *Missouri Orthopaedic Institute*
Michael J. O’Brien, MD, *Tulane University*

8:50 am – 8:54 am  Implanted 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

9:26 am – 9:30 am Discussion

RAPID FIRE SESSION 1B: Sports Medicine
Moderator: Chaitu S. Malempati, MD, University of Florida
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

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
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*

16 – Comparison of Custom 3D Printed Spherical Implants vs. Femoral Head Allografts for Tibiotalocalcaneal Arthrodeses
*John Steele, MD, Duke University Medical Center*

**RAPID FIRE SESSION 1C: Shoulder & Elbow**
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 Therapeutic Postoperative Anticoagulation after Shoulder Arthroplasty Increases Risk of Complications
*Michelle E. Kew, MD, University of Virginia*

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*

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

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 Incidence, Treatment and Outcomes of Periprosthetic Humeral Shaft Fractures after Reverse Total Shoulder Arthroplasty
*Paul Ragusa, DO, Johns Hopkins Orthopedics*

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 Eguia, BA, Johns Hopkins Hospital*

9:22 am – 9:26 am Complications in Patients with Sleep Apnea following Total Shoulder Arthroplasty
*Joseph Palmer, DO, Holy Cross Hospital*

9:26 am – 9:30 am Discussion

**RAPID FIRE SESSION 1D: Total Joints**
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. Nettrour, 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**

**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*

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*
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
*Christopher A. Wang, DO, Broward Health Medical Center*

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*

9:24 am – 9:30 am  Discussion

**RAPID FIRE SESSION 1F: Practice Management**

**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 Hamp, 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*

**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  
*Speaker TBD*

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  
*Speaker TBD*

10:35 am – 10:55 am  
*Break – Please visit Exhibits*

**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.*  
*\(^*\text{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: Two 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 2638 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

1:45 pm – 3:15 pm  Same-Day Discharge Total Joint Protocols and Investing in Ancillary Income Streams  
                     Marney Reid, Surgical Care Affiliates  
                     Ryan M. Nunley, MD, Washington University School of Medicine  
                     C. Lowry Barnes, MD, University of Arkansas for Medical Science

3:15 pm – 4:15 pm  Scientific E-Poster Session (Presenters are available to answer questions)

4:15 pm – 5:45 pm  Multimedia Education Session

Friday, July 19, 2019

6:00 am – 7:00 am  Scientific E-Poster Session (Presenters are available to answer questions)

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  
                     *CME Credit Not Available

RAPID FIRE SESSION 2A: Trauma
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 – 8:55 am Discussion

8:55 am – 8:59 am Dialysis and Complications in Hip Hemiarthroplasty for Femoral Neck Fractures
Rajeev Pandarinath, MD, The George Washington University

8:59 am – 9:03 am Efficacy of Red Cell Salvage Systems in Open Acetabular Surgery
Carl L. Byrd III, DO, East Tennessee State University

9:03 am – 9:07 am Clinical Evaluation of Distal Radius Fractures by Nonoperative Providers
Matthew Fournier, MD, University of Tennessee - Campbell Clinic

9:07 am – 9:11 am Racial Disparities in Hip Fracture Care
Iman Ali, BS, Johns Hopkins University

9:11 am – 9:15 am Discussion

RAPID FIRE SESSION 2B: Shoulder
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

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
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

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
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
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 in St. Louis 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
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 Tibiototocalcaneal 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

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

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

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
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

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 – 8:55 am  Discussion

8:55 am – 8:59 am  Sleep Disturbance in Patients with Femoroacetabular Impingement and Acetabular Dysplasia
Nisha Reddy, BA, University of Texas Southwestern Medical Center

8:59 am – 9:03 am  Secondary Injuries More Prevalent for Females following Pediatric ACL Reconstruction: A Systematic Review
Anthony J. Zacharias, MD, University of Kentucky

9:03 am – 9:07 am  Can Combined Trans-Physeal and Lateral Extra-Articular Pediatric ACL Reconstruction Techniques be Employed to Reduce ACL Re-Injury While Allowing for Growth?
Nathan Boes, MD, University of Texas Southwestern Medical Center

9:07 am – 9:11 am  Incidence of Meniscal Ramp Lesions in a Pediatric Population with Acute Anterior Cruciate Ligament Ruptures
Jacob B. Stirton, MD, University of Kentucky

9:11 am – 9:15 am  Discussion

9:15 am – 9:35 am  Break – Please visit Exhibits

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

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

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

RESIDENT COURSE: How to Get a Job in Your Ideal Employment Model

1:15 pm – 2:45 pm  
Titles  
Speakers TBD

2:45 pm – 3:45 pm  
Scientific E-Poster Session (Presenters are available to answer questions)

3:45 pm – 4:45pm  
Multimedia Education Session

Saturday, July 20, 2019

6:00 am – 7:00 am  
Scientific E-Poster Session (Presenters are available to answer questions)
6:00 am – 7:00 am  **Women in Orthopaedics Breakfast**
Challenging Situations and How to Handle Them
*Cynthia L. Emory, MD, MBA, Wake Forest Baptist Health*

7:00 am – 7:15 am  **Second Business Meeting**

7:15 am – 7:20 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*

7:35 am – 7:55 am  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*

7:55 am – 8:15 am  Questions/Discussion

8:15 am – 8:45 am  **Focused Brunch Presentation**
*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*

8:45 am – 8:51 am  **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*

8:51 am – 8:57 am  **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*

8:57 am – 9:03 am  **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*

9:03 am – 9:09 am  **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*
9:09 am – 9:15 am  
**SOA/OREF Resident Award Winner**  
Variability in Opioid Administration after Fixation of Supracondylar Humerus Fractures  
*Jonathan B. Goodloe, MD, Medical University of South Carolina*

9:15 am – 9:21 am  
**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*

9:21 am – 9:27 am  
**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*

9:27 am – 9:33 am  
**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*

**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**

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 Commination 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*
12:05 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

12:17 pm – 12:21 pm  Complications and Radiographic Outcomes of Cotton Osteotomy with a Titanium Wedge in Flatfoot Deformity Correction Surgery
Tyler W. Fraser, MD, Chattanooga, TN

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

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  The Effect of Early Mobilization Compared to Rest, Ice, Elevation, and Compression (RICE) for Treatment Efficacy and Restoration of Ankle Function in Adults with Grade I and II Ankle Sprains - A Systematic Review and Meta-Analysis
Ashley Guillory, PhD, University of Texas Medical Branch

12:41 pm – 12:45 pm  Discussion
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*

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**

**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
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

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

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

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**

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 Treatmentments 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  Anterior Revision Total Hip Arthroplasty is Associated with Decreased Postoperative Instability Compared to Posterior Revision Surgery  
_Gregory Kurkis, MD, Emory University_

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  Rheumatoid Arthritis Increases 90-Day Complications after Primary Total Knee Arthroplasty  
_Ajit M. Vakharia, BS, Morehouse School of Medicine_

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 (Lunch will be Provided)**

12:45 pm – 1:45 pm  Shoulder Case Discussions  
_Chaitu S. Malempati, DO, University of Kentucky_
2:45 pm – 3:45 pm  Scientific E-Poster Session (Presenters are available to answer questions)
3:45 pm – 4:45 pm  Multimedia Education Session