Thursday, July 12, 2018

6:00 am – 6:45 am  Scientific E-Poster Session (Presenters are available to answer questions.)

6:45 am – 7:00 am  First Business Meeting

7:00 am – 7:05 am  Welcome and Announcements
Matthew J. Matava, MD, President
Ryan M. Nunley, MD, Program Chair

GENERAL SESSION 1: Resident Awards
Moderators: Ryan M. Nunley, MD, Washington University School of Medicine
           Samuel I. Brown, MD, Sports Medicine and Orthopaedics Center

7:05 am – 7:11 am  SOA Presidents’ Resident Award
Consumer Prices for Surgical Management of Ankle Arthritis
Niall Smyth, MD, University of Miami

7:11 am – 7:17 am  Harley & Betty Baxter Resident Award
Initiatives to Reduce All-Cause 30-Day Postoperative Readmissions – An Experience from the Orthopaedic Service of a Single University Hospital
Barkha Gurbani, MD, MPH, University of Texas Medical Branch

7:17 am – 7:23 am  Harley & Betty Baxter Resident Award
Artificial Disc Replacement Adjacent to a Multilevel Fusion in the Cervical Spine: A Biomechanical Study
Dale Segal, MD, Emory University

7:23 am – 7:29 am  SOA/OREF Resident Award
Analysis of 4,701 Internet Review Site Comments for 210 Spine Surgeons: How Office Staff, Physician Likeability, and Patient Outcome Will Individually Impact Online Evaluations for Better or Worse
Chester Donnally III, MD, University of Miami/ Jackson Memorial Hospital

7:29 am – 7:35 am  SOA/OREF Resident Award
Are Routine Postoperative CT Scans Warranted for All Patients After Operative Fixation of Pelvic Ring Injuries?
Kevin Cronin, MD, University of Kentucky

7:35 am – 7:50 am  Discussion

7:50 am – 7:56 am  SOA/OREF Resident Award
Blane Kelly, MD, Virginia Commonwealth University

7:56 am – 8:02 am
Harley & Betty Baxter Resident Travel Grant Award
Does Medicaid Payer Status Affect Patient’s Outcomes after Shoulder Arthroplasty?
Diego Lima, MD, Cleveland Clinic Florida

8:02 am – 8:08 am
SOA Resident Travel Grant Award
Periprosthetic Ankle Fractures: Developing an Algorithm for Management
Alexander Lazarides, MD, Duke University Medical Center

8:08 am – 8:14 am
SOA Resident Travel Grant Award
Intra-Operative Surgical Light Movement is a Potential Source of Sterile Field Contamination
Jose Romero, MD, University of Texas Southwestern Medical Center

8:14 am – 8:20 am
SOA Resident Travel Grant Award
National Cost of Orthopaedic Care for Non-Fatal Gunshot Wounds
Samuel Rosas, MD, Wake Forest School of Medicine

8:20 am – 8:35 am
Discussion

8:35 am – 8:55 am
Break – Please visit Exhibits

GENERAL SESSION 2: OREF Report and Presidential Guest Speaker
Moderator: Matthew J. Matava, MD, Washington University School of Medicine

8:55 am – 9:00 am
OREF Report
P. Joanne Ray, CEO Orthopaedic Research and Education Foundation

9:00 am – 9:05 am
Introduction of Presidential Guest Speaker
Matthew J. Matava, MD, Washington University School of Medicine

9:05 am – 9:35 am
Presidential Guest Speaker
Dying is Easy: Living is the Difficult Thing
COL (Ret) F. Harold Kushner, MD, FACS, Daytona Beach, FL

RAPID FIRE SESSION 3A: Foot & Ankle
Moderators: William K. McKibbin, MD, Medical University of South Carolina
Benjamin Jackson, MD, University of South Carolina School of Medicine

9:40 am – 9:44 am
Ankle Arthrodesis Versus Total Ankle Replacement - Surgical Incidence and 30-Day Morbidity and Mortality
Tyler Goodwin, MSIII, University of South Carolina School of Medicine

9:44 am – 9:48 am
A 27 Year Meta-Analysis of Ankle Arthroplasty
Christopher Gross, MD, Medical University of South Carolina
9:48 am – 9:52 am Postoperative Infection in Foot & Ankle Surgery: Does Season Matter? Samuel Huntley, BSc, University of Alabama at Birmingham

9:52 am – 9:56 am HTX-011 Reduces Acute Pain and Opioid Consumption Following Bunionectomy Douglas Lucas, DO, Mercy Orthopedic Associates

9:56 am – 10:00 am Discussion

10:00 am – 10:04 am Projections for Total Ankle Arthroplasty Based Upon the National Inpatient Sample Justin Rabinowitz, MD, Medical University of South Carolina

10:04 am – 10:08 am Is Interposition Arthroplasty a Viable Treatment Option for Hallux Rigidus? Ashish Shah, MD, University of Alabama at Birmingham

10:08 am – 10:12 am Gender Differences on SF-36 Patient-Reported Outcomes of Diabetic Foot Disease Michael Del Core, MD, University of Texas Southwestern Medical Center

10:12 am – 10:16 am An Updated Meta-Analysis of Ankle Fusions and Third Generation Ankle Replacements Christopher Gross, MD, Medical University of South Carolina

10:16 am – 10:20 am Discussion

10:20 am – 10:24 am Incidence of Venous Thromboembolism in Foot and Ankle Surgeries Ashish Shah, MD, University of Alabama at Birmingham

10:24 am – 10:28 am Outcome Analysis of Distal Chevron and Akin Osteotomy for Hallus Valgus Correction: A Retrospective Study Anna Johnson, MD, University of South Alabama

10:28 am – 10:32 am Projections for Ankle Arthrodesis based upon the National Inpatient Sample Justin Rabinowitz, MD, Medical University of South Carolina

10:32 am – 10:36 am Porous Titanium Wedges in Lateral Column Lengthening for Adult Acquired Flatfoot Deformity S. Evan Carstensen, MD, University of Virginia

10:36 am – 10:40 am Discussion

RAPID FIRE SESSION 3B: Basic Science/Outcomes

Moderators: Richard Gellberman, MD, Washington University School of Medicine
Benjamin A. Alman, MD, Duke University School of Medicine

9:40 am – 9:44 am Nerve Allograft Decellularization and Oxidation Daniel Lara, MD, Wake Forest School of Medicine

9:44 am – 9:48 am Autologous Chondrocyte Grafting as an Alternative to Iliac Crest in Posterolateral Spinal Fusion
9:48 am – 9:52 am  Burn-Induced Osteoporosis and Muscle Calcification: Are These Related Complications?
   Samuel Posey, BS, Vanderbilt University School of Medicine

9:52 am – 9:56 am  Biaxial Compression Screw for Condylar Fracture Fixation: A Novel Concept Development with A Prototype
   Diwakar Pulisetty, MD, Saint Louis University

9:56 am – 10:00 am  Discussion

10:00 am – 10:04 am  Studies in Developing a Novel Xenograft-Derived Bone Graft Substitute
   Daniel Bracey, MD, PhD, Wake Forest School of Medicine

10:04 am – 10:08 am  Resident Operative Reports: The Need for Education
   Niall Smyth, MD, University of Miami

10:08 am – 10:12 am  Orthopaedic Resident Remediation: Frequency, Interventions, and Outcomes
   William Melton, MD, Palmetto Health-University of Southern California Orthopedic Center

10:12 am – 10:16 am  Microbiological Analysis Before and After Decontainment of Thyroid Shields
   Chihua Lee, MD, Naval Medical Center Portsmouth

10:16 am – 10:20 am  Discussion

10:20 am – 10:24 am  Increased Operating Room Turnover Time: Should We Stop Blaming Anesthesia?
   Matthew Broggi, MS, Medical College of Georgia

10:24 am – 10:28 am  Wasted Disposable Supplies in the Orthopaedic Surgery Operating Rooms
   Carter Devlin, BS, Jack Hughston Memorial Hospital

10:28 am – 10:32 am  Reducing Potential for Needle-Stick Injuries in the Operating Room: Efficacy of Wound Closure with Operative Armour as Compared with Traditional Methods
   Eliana Saltzman, MD, Duke University Medical Center

10:32 am – 10:36 am  Marijuana Use and Mortality following Orthopedic Surgical Procedures
   Sameer Naranje, MD, University of Alabama at Birmingham

10:36 am – 10:40 am  Discussion

RAPID FIRE SESSION 3C: Total Hip
Moderators:  Andrew A. Shiner, MD, Vanderbilt University School of Medicine
             Brian A. Jewett, MD, Slocum Center for Orthopedics and Sports Medicine
9:40 am – 9:44 am  At What Cost is Dual Mobility a Cost-effective Treatment Option During the First 90 days after Primary Total Hip Arthroplasty?  
Stephen Duncan, MD, University of Kentucky

9:44 am – 9:48 am  Operative Time, Early Joint Infection, and DVT in Primary THA  
Sameer Naranje, MD, University of Alabama at Birmingham

9:48 am – 9:52 am  A Systematic Review of Total Hip Arthroplasty Outcomes in the Morbidly Obese Patient Population: What Does a BMI Greater Than 40kg/m² Mean?  
Jose Romero, MD, University of Texas Southwestern Medical Center

9:52 am – 9:56 am  Preoperative Smoking Cessation: a Durable Form of Long-Term Cessation  
Jacob Balmer, BS, Medical University of South Carolina

9:56 am – 10:00 am  Discussion

10:00 am – 10:04 am  Albumin vs ASA Stratifies Preoperative Risks in Total Hip Arthroplasty  
Cierra Hong, BA, Duke University School of Medicine

10:04 am – 10:08 am  The Role of Early and Late Revision In Metal-on-Metal Total Hip Arthroplasty  
Lindsay Kleeman, MD, Duke University School of Medicine

10:08 am – 10:12 am  Is the Practice of Overlapping Surgery Safe in Total Knee and Hip Arthroplasty?  
Ahmed Alamansoori, MBBS, Cleveland Clinic Florida

10:12 am – 10:16 am  Nasal Decolonization with Alcohol Based Sanitizer is Effective at Preventing Surgical Site Infection Following Total Joint Arthroplasty  
Phillip Bostian, MD, West Virginia University

10:16 am – 10:20 am  Discussion

10:20 am – 10:24 am  Outcome of THA in HIV Patients Managed with Contemporary Protocols  
Michael H. Huo, MD, Houston Methodist Hospital

Samrath Bhimani, MD, University of Louisville

10:28 am – 10:32 am  Complications and Costs are Higher in Medicare Hemophiliacs after THA  
Samuel Rosas, MD, Wake Forest School of Medicine

10:32 am – 10:36 am  Does an Anterior Hip Based Fellowship Lessen the Learning Curve?  
Colin McNamara, MD, Jackson Memorial Hospital and the University of Miami Miller School of Medicine

10:36 am – 10:40 am  Discussion

RAPID FIRE SESSION 3D: Trauma
Moderators:  Eric S. Moghadamian, MD, University of Kentucky Medical Center
9:40 am – 9:44 am  Primary Intramedullary Nailing of Open Tibia Fractures Due to Low Velocity Gunshots: Does Operative Debridement Increase Infection Rates? Chester Donnally III, MD, University of Miami/ Jackson Memorial Hospital

9:44 am – 9:48 am  Orthopaedic Consult Volume at a Level 1 Trauma Center: The Effect of Temporal and Environmental Factors William Ashford, MD, Medical University of South Carolina

9:48 am – 9:52 am  Impact of Co-Management Care Models on 30-Day Morbidity and Mortality in Patients with Hip Fractures: Experience from a Large, Urban Level I Trauma Center Adam Boissonneault, MD, Emory University

9:52 am – 9:56 am  Reoperation Rate in a Cohort of Operatively Treated Unstable Pelvic Ring Injuries Kevin Cronin, MD, University of Kentucky

9:56 am – 10:00 am  Discussion

10:00 am – 10:04 am  Anterolateral Distal Tibia Locking Plate Osteosynthesis and Their Ability to Capture OTAC3 Pilon Fragments Boshen Liu, MD, University of Kentucky

10:04 am – 10:08 am  Comparing Outcomes in Tension Band Fixation of Patellar Fractures with K Wires Versus Cannulated Screws Varun Sambhariya, BS, University of Texas Southwestern

10:08 am – 10:12 am  It’s Heating Up: Orthopaedic Trauma Consult Volume is Significantly Correlated with Daily Weather Jacob Wilson, MD, Emory University

10:12 am – 10:16 am  Trends in the Surgical Treatment of Femoral Neck Fractures in Elderly Sameer Naranje, MD, University of Alabama at Birmingham

10:16 am – 10:20 am  Discussion

10:20 am – 10:24 am  Air Travel and Thromboembolic Events after Orthopedic Surgery: Where are We and Where Do We Need to Go? Chester Donnally III, MD, University of Miami/ Jackson Memorial Hospital

10:24 am – 10:28 am  Retrospective Review of Percutaneous Screw Fixation for Superior Ramus fractures: Predictive Factors for Failure Boshen Liu, MD, University of Kentucky

10:28 am – 10:32 am  Comparison of Tension Band and Plate Fixation of Olecranon Fractures Michael Del Core, MD, University of Texas Southwestern Medical Center

10:32 am – 10:36 am  Relationship of Neurovascular Structures to Multiplanar Distal Interlocking Screws in an Intramedullary Humeral Nail: An Anatomic Study
Raymond Steinmetz, MD, University of Oklahoma

10:36 am – 10:40 am Discussion

10:40 am – 11:00 am Break – Please visit Exhibits

SYMPOSIUM 1: Hot Topics in Orthopedic Trauma Surgery
Moderator: Steven M. Cherney, MD, University of Arkansas Medical School

11:00 am – 12:00 pm Panel Discussion and Case Presentation
Panel: Eric S. Moghadamian, MD, University of Kentucky Medical Center
Langdon A. Hartsock, MD, Medical University of South Carolina
Steven M. Cherney, MD, University of Arkansas Medical School

12:00 pm – 1:00 pm Focused Lunch Presentation
*CME Credit Not Available

SYMPOSIUM 2: Football Injuries from High School to the NFL
Moderator: Matthew J. Matava, MD, Washington University School of Medicine

1:00 pm – 1:10 pm Overview of the Medical Issues Surrounding Football and Epidemiology of Injury
Matthew J. Matava, MD, Washington University School of Medicine

1:10 pm – 1:20 pm Football Injuries at the Collegiate Level
Jeffrey A. Guy, MD, University of South Carolina School of Medicine

1:20 pm – 1:30 pm My Top 5 Football Injuries and how I Treat Them
Darren L. Johnson, MD, University of Kentucky Sports Medicine

1:30 pm – 1:40 pm Bioengineering Advances in Football Injury Prevention. The NFL Experience
Jeff R. Crandall, University of Virginia

1:40 pm – 1:50 pm Discussion

2:30 pm – 3:30 pm Scientific E-Poster Session (Presenters are available to answer questions.)

3:30 pm – 4:30 pm Multimedia Education Session

Friday, July 13

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

7:00 am – 7:05 am Announcements
Ryan M. Nunley, MD, Program Chair

SYMPOSIUM 3: Hot Topics in Total Knee Arthroplasty
Moderator: James A. Browne, MD, University of Virginia School of Medicine
7:05 am – 7:15 am  
**Title TBD**  
*Samuel S. Wellman, MD, Duke University School of Medicine*

7:15 am – 7:25 am  
**Peri-Articular Injection for Total Knee Arthroplasty: Anesthesiologist Not Needed!**  
*Paul F. Lachiewicz, MD, Duke University/Chapel Hill Orthopedics Surgery & Sports Medicine*

7:25 am – 7:35 am  
**Title TBD**  
*Jeffrey Stambough, MD, University of Arkansas Medical School*

7:35 am – 7:45 am  
**Title TBD**  
*Gregory Polkowski, MD, Vanderbilt University School of Medicine*

7:45 am – 8:00 am  
**Discussion and Questions**

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

**GENERAL SESSION 4: AAOS Report & Distinguished Southern Orthopaedist**  
Moderator: Matthew J. Matava, MD, *Washington University School of Medicine*

8:30 am - 8:45 am  
**AAOS Report**  
*David Halsey, MD, AAOS President, Martha’s Vineyard Orthopaedics*

8:45 am - 8:50 am  
**Introduction of Distinguished Southern Orthopaedist**  
*Matthew J. Matava, MD, Washington University School of Medicine*

8:50 am - 9:20 am  
**Distinguished Southern Orthopaedist**  
Advances in the Treatment of Fractures of the Radius  
*Richard H. Gelberman, MD, Washington University School of Medicine*

9:20 am – 9:40 am  
**Break – Please visit Exhibits**

**RAPID FIRE SESSION 5A: Shoulder**  
Moderators: Scott D. Mair, MD, *University of Kentucky Sports Medicine*  
R. Alexander Creighton, MD, CAQSM, *University of North Carolina Orthopaedics*

9:40 am – 9:44 am  
**Effect of Biceps Tenodesis on Recovery After Rotator Cuff Repair**  
*Jennifer Kurowicki, MD, Seton Hall University School of Medicine*

9:44 am – 9:48 am  
**Comparing Surgeon Performance of Rotator Cuff Repair: Risk Adjustment**  
*Michael Kissenberth, MD, Steadman Hawkins Clinic of the Carolina*

9:48 am – 9:52 am  
**Does Tuberosity Healing Affect The Biomechanics Of Reverse Shoulder Arthroplasty?**  
*Diego Lima, MD, Cleveland Clinic Florida*

9:52 am – 9:56 am  
**What is Critical Angle that Portends Poor Functional Outcome Scores in Nonoperative Management of Humeral Shaft Fractures?**
9:56 am – 10:00 am Discussion

10:00 am – 10:04 am Pre-Operative Opioid Use Among Shoulder Arthroplasty Patients Predicts Post-Operative Use
  Derek Berglund, MD, Holy Cross Orthopedic Institute

10:04 am – 10:08 am Does the Use of Tranexamic Acid Decrease Transfusion Rates in High-Risk Shoulder Arthroplasty?
  Adetayo Lawal, MD, University of Florida

10:08 am – 10:12 am Does Tuberosity Augmentation Improve the Biomechanics of Reverse Shoulder Arthroplasty?
  Diego Lima, MD, Cleveland Clinic Florida

10:12 am – 10:16 am Does Having Prior Rotator Cuff Surgery Affect Outcomes in Reverse Shoulder Arthroplasty?
  Maharsh Patel, MD, University of Florida

10:16 am – 10:20 am Discussion

10:20 am – 10:24 am The Impact of Preoperative Opioid Use on Outcomes after Arthroscopic Rotator Cuff Repair
  Diego Lima, MD, Cleveland Clinic Florida

10:24 am – 10:28 am Incidence and Risk Factors for Aseptic Glenoid Baseplate Loosening in Reverse Total Shoulder Arthroplasty
  Alexander Bitzer, MD, The Johns Hopkins Hospital

10:28 am – 10:32 am How Orthopaedic Surgeons Can Impact Narcotic Dependence in TSA Patients
  Kiran Chatha, MD, Cleveland Clinic Florida

10:32 am – 10:36 am Validity and Responsiveness of Single Alpha-Numeric Evaluation for Shoulder Patients
  Michael Kissenberth, MD, Steadman Hawkins Clinic of the Carolina

10:36 am – 10:40 am Discussion

RAPID FIRE SESSION 5B: Trauma
Moderators: Steven M. Cherney, MD, University of Arkansas Medical School
           Lisa K. Canada, MD, Saint Louis University School of Medicine

9:40 am – 9:44 am Early Allogeneic Blood Transfusion is an Independent Risk Factor for Development of Acute Respiratory Distress Syndrome in Patients with Pelvic Trauma
  Adam Boissonneault, MD, Emory University

9:44 am – 9:48 am Outcomes of Femoral Head Fractures Associated with Traumatic Hip Dislocations
9:48 am – 9:52 am  An Elevated Metrorail as a Source of Orthopedic Injuries and Death at a Level-I Trauma Center  
*Chester Donnally III, MD, University of Miami/ Jackson Memorial Hospital*

9:52 am – 9:56 am  Can Distal Interlocking Screw Trajectory in Retrograde Femoral Nailing Help Prevent Future Symptomatic Hardware?  
*Boshen Liu, MD, University of Kentucky*

9:56 am – 10:00 am  Discussion

10:00 am – 10:04 am  Regional Anesthesia after Ankle Fracture Surgery: Inpatient and Outpatient Setting  
*Michael Spitnale, BS, University of Kentucky*

10:04 am – 10:08 am  Supine Positioning for Proximal Humerus ORIF using arthroscopic shoulder distractor  
*Cody Hightower, MD, Palmetto Health Richland*

10:08 am – 10:12 am  Inflammatory Cytokines Provide Unique Predictive Value Beyond Injury Severity: A Prospective Cohort Study of Orthopaedic Trauma Patients  
*Boshen Liu, MD, University of Kentucky*

10:12 am – 10:16 am  Cost Comparison of Traditional External Fixation Versus Posterior Frame Constructs  
*Robert Simpson, MD, Hughston Trauma at Ft Walton Beach*

10:16 am – 10:20 am  Discussion

10:20 am – 10:24 am  Impact of Closed Suction Drainage in Acetabular Fracture Surgery  
*Adam Boissonneault, MD, Emory University*

10:24 am – 10:28 am  Proximal Humerus Fractures Managed with an Intramedullary Cage  
*Josh Hudgens, MD, Johns Hopkins University*

10:28 am – 10:32 am  The Fallen Leaf Sign Radiographic Finding Predicts Moore-type Proximal Tibial Fractures  
*Robert Simpson, MD, Hughston Trauma at Ft Walton Beach*

10:32 am – 10:36 am  The Effect of Malnutrition on Outcomes in Patients with Long-Bone Fractures: A Systematic Review of the Literature  
*Alexandra Ernst, MPH, Emory University*

10:36 am – 10:40 am  Discussion

**RAPID FIRE SESSION 5C: Sports Medicine**

**Moderators:**  Darren L. Johnson, MD, *University of Kentucky Sports Medicine*  
Brian C. Werner, MD, *University of Virginia School of Medicine*
9:40 am – 9:44 am  The Financial Burden associated with Multiple Shoulder Dislocations and the Potential Cost-Savings of Surgical Stabilization  
*Shea Comadoll, BS, Wake Forest School of Medicine*

9:44 am – 9:48 am  Synovitis Associated with Joint Space Narrowing and Cartilage Degeneration for those with Femoroacetabular Impingement  
*Ifeanyi Nzegwu, MD, University of Kentucky*

9:48 am – 9:52 am  Increased Complication Rates After Knee Arthroscopy in Patients with Obstructive Sleep Apnea  
*Aaron Casp, MD, University of Virginia*

9:52 am – 9:56 am  The Economic Impact of Reported Concussion Injuries in Major League Baseball  
*Kiran Chatha, MD, Cleveland Clinic Florida*

9:56 am – 10:00 am  Discussion

10:00 am – 10:04 am  Diagnostic Accuracy of the Scapular Retraction Test in Assessing the Status of the Rotator Cuff  
*Stephen Gates, MD, University of Texas Southwestern*

10:04 am – 10:08 am  Incidence of UCL Surgery in Collegiate Baseball Players  
*Marcus A. Rothermich, MD, American Sports Medicine Institute*

10:08 am – 10:12 am  Pre-Operative Shoulder Injections are Associated with Rotator Cuff Repair Failure  
*Aaron Casp, MD, University of Virginia*

10:12 am – 10:16 am  Performance Metrics and Economics of SLAP Tears In Major League Baseball Pitchers  
*Ahmed Alamansoori, MBBS, Cleveland Clinic Florida*

10:16 am – 10:20 am  Discussion

10:20 am – 10:24 am  Impact of Femoroacetabular Impingement Bony Abnormalities on Chondrolabral Injury  
*Thomas Ergen, MD, Palmetto Health-Universiy of Southern California Orthopedic Center*

10:24 am – 10:28 am  Anterior Cruciate Ligament with Bone Patellar Tendon Bone Technique Does Not Cause Functional Anterior Knee Pain  
*Brian Godshaw, MD, Ochsner Clinic Foundation*

10:28 am – 10:32 am  Surgeon Agreement on the Presence of Instability Associate Pathology on Shoulder Imaging Studies  
*Ryan Koehler, MD, MS, Vanderbilt University*

10:32 am – 10:36 am  Acetabular Labral Tear Dimensions and Quantity of Suture Anchors Required for Repair  
*Matthew Pacana, MD, Palmetto Health USC Orthopedic Center*
10:36 am – 10:40 am  Discussion

RAPID FIRE SESSION 5D: Total Knee
Moderators: Paul F. Lachiewicz, MD, Duke University/Chapel Hill Orthopedics Surgery & Sports Medicine
               Michael P. Bolognesi, MD, Duke University School of Medicine

9:40 am – 9:44 am  Accuracy of Intraoperative Robotic-Arm Assisted Unicompartmental Knee Replacement Coronal Alignment with Standing Long Leg Postoperative Alignment
                    Martin Roche, MD, Holy Cross Hospital

9:44 am – 9:48 am  Albumin vs. ASA score: Predicting Complications Following Total Knee Arthroplasty
                    Michael Bergen, BS, Duke University School of Medicine

9:48 am – 9:52 am  Comparing Influencing Patient Factors for 90-Readmission Between Medicare and Private Payor Patients
                    Claire Howell, BS, Duke University School of Medicine

9:52 am – 9:56 am  Anti-Fibrinolytics are Dosed Inappropriately in Joint Replacement Surgery
                    Alexander Hysong, BA, Vanderbilt University School of Medicine

9:56 am – 10:00 am  Discussion

10:00 am – 10:04 am  Risk Factors for 30-day Readmission Following Total Knee Arthroplasty
                      Sameer Naranje, MD, University of Alabama at Birmingham

10:04 am – 10:08 am  Do Corticosteroids Blunt the Peri-Operative Acute Phase Response after Total Knee Arthroplasty?
                      Adam Brekke, MD, Vanderbilt Orthopaedic Institute

10:08 am – 10:12 am  Too Fat for Joint Replacement: The Fate of the Morbidly Obese Patient with Joint Pain
                      Russell A. Reeves, MD, Medical University of South Carolina

10:12 am – 10:16 am  Accuracy of Tibial Slope Estimation in Total Knee Arthroplasty
                      Connor A Ojard, MD, Ochsner Clinic Foundation

10:16 am – 10:20 am  Discussion

10:20 am – 10:24 am  Does Robotic Assisted Surgery Improve Early Outcome in Total Knee Arthroplasty?
                      Samrath Bhimani, MD, University of Louisville

10:24 am – 10:28 am  Outcomes of Articulating Spacers with Autoclaved Femoral Components in Total Knee Arthroplasty Infection
                      Daniel Goltz, BS, Duke University
10:28 am – 10:32 am  Time-to-Surgery and Short-Term Clinical Outcomes in Periprosthetic Knee Fractures  
*Sameer Naranje, MD, University of Alabama at Birmingham*

10:32 am – 10:36 am  Complications After Total Joint Arthroplasty in Patients Undergoing Peritoneal Dialysis  
*Aaron Casp, MD, University of Virginia*

10:36 am – 10:40 am  Discussion

10:40 am – 11:00 am  Break – Please visit Exhibits

**SYMPOSIUM 4: Obesity in Orthopaedics-How Best to Manage These Patients?**
**Moderator:** James A. Keeney MD, *University of Missouri School of Medicine*

11:00 am – 11:05 am  Introduction to the Orthopaedic Bariatric Patient  
*James A. Keeney, MD, University of Missouri School of Medicine*

11:05 am – 11:15 am  Bariatric Orthopaedic Surgery-Peroperative Patient Optimization  
*Gregory Polkowski, MD, Vanderbilt University School of Medicine*

11:15 am – 11:25 am  Bariatric Surgery Timing and Outcomes  
*Ryan M. Nunley, MD, Washington University School of Medicine*

11:25 am – 11:35 am  No Limits—Reducing Infection Risk in the Obese Patient  
*Lucian C. Warth, MD, Indiana University School of Medicine*

11:35 am – 11:45 am  Reducing Late Complication Risks in the Obese Patient  
*James A. Keeney, MD, University of Missouri School of Medicine*

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

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

**SYMPOSIUM 5: Ask the Experts: Peri-Operative Management of the Total Joint Patient**
**Moderator:** Javad Parvizi, MD, FRCS, *Thomas Jefferson University/Rothman Institute*

12:30 pm – 1:20 pm  Panel Discussion and Case Presentation

*Panel:*  
*C. Lowry Barnes, MD, University of Arkansas for Medical Sciences*  
*Michael P. Bolognesi, MD, Duke University School of Medicine*  
*Brian A. Jewett, MD, Slocum Center for Orthopedics and Sports Medicine*  
*Lucian Warth, MD, Indiana University School of Medicine*  
*Andrew A. Shiner, MD, Vanderbilt University School of Medicine*

**RESIDENT & NEW IN PRACTICE SYMPOSIUM: Young Practitioner Forum How to Get Started and Succeed**
**Moderators:** Lisa K. Canada, MD, *Saint Louis University School of Medicine*  
Ryan M. Nunley, MD, *Washington University School of Medicine*
1:30 pm-3:00 pm  Panel Discussion and Small Group Round Tables  
*Faculty and Medical Students/Residents/Fellows/Early Career Orthopedists*

3:00 pm –4:00 pm  **Scientific E-Poster Session** (Presenters are available to answer questions.)

4:00 pm – 5:00 pm  **Multimedia Education Session**

**Saturday, July 14**

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

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

7:15 am - 7:20 am  **Announcements**  
*Ryan M. Nunley, MD, Program Chair*

**SESSION 6: Abstract Presentations**  
**Moderators:**  Ryan M. Nunley, MD, *Washington University School of Medicine*  
Samuel I. Brown, MD, *Sports Medicine and Orthopaedics Center*

7:20 am – 7:26 am  **Alabama Orthopaedic Society Award Winner**  
The Introduction of a Pre-Operative MRI Protocol Significantly Reduces Unplanned Return to the Operating Room in the Treatment of Pediatric Osteoarticular Infections  
*Charles Pitts, MD, University of Alabama at Birmingham*

7:26 am – 7:32 am  **Georgia Orthopaedic Society**  
Outcomes of Elmslie-Trillat Osteotomy for the Treatment of Patellar Dislocations Using a Minimally Invasive Technique  
*Ian Gao, MD, Emory University*

7:32 am – 7:38 am  **Virginia Orthopaedic Society Award Winner**  
Understanding and Perceptions of Overlapping Surgery Among Orthopaedic Trauma Patients  
*Cody Evans, MD, University of Virginia*

7:38 am – 7:44 am  Thresholds in Percentage of Maximal Outcome Improvement Following Shoulder Arthroplasty  
*Derek Berglund, MD, Holy Cross Orthopedic Institute*

7:44 am – 7:50 am  A Higher Altitude is an Independent Risk Factor for Venous Thromboembolism following Total Hip Arthroplasty  
*Dhanur Damodar, MD, University of Miami*

7:50 am – 7:55 am  Discussion

7:55 am – 8:01 am  Release of Tibialis Posterior Muscle Osseofascial Sheath for Exertional Compartment Syndrome: Impact on Long-term Results  
*Adam Boissonneault, MD, Emory University*
8:01 am – 8:07 am  Opioid Consumption after Knee Arthroscopy  
*Robert Wojahn, MD, Washington University*

8:07 am – 8:13 am  Are Radiographs in the Recovery Room Following Total Hip Arthroplasty Cost-Effective Compared to Intra-Operative Fluoroscopy?  
*Stephen Duncan, MD, University of Kentucky*

8:13 am – 8:19 am  Reduction of Hip Arthroscopy Post-Operative Pain Using Ultrasound-Guided Fascia-Iliaca Block: A Prospective Randomized Control Trial  
*John Glomset, MD, Steadman Hawkins Clinic of the Carolinas*

8:19 am – 8:25 am  Comparison of Implant Survivability in Total Joint Arthroplasty Among Opioid Abusers and Non-Opioid Abusers: A Retrospective Analysis  
*Ajit Vakharia, BS, Morehouse School of Medicine*

8:25 am – 8:30 am  Discussion

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

**SYMPOSIUM 6: Management of the Throwing Athlete**  
Moderator: Scott D. Mair, MD, *University of Kentucky Sports Medicine*

9:00 am - 9:55 am  Introduction of Speakers  
*Scott D. Mair, MD, University of Kentucky Sports Medicine*

9:05 am - 9:15 am  Title TBD  
*R. Alexander Creighton, MD, CAQSM, University of North Carolina Orthopaedics*

9:15 am - 9:25 am  Title TBD  
*Christopher Jones, MD, Kaiser Permanente of Georgia*

9:25 am - 9:35 am  Title TBD  
*Kevin W. Farmer, MD, University of Florida Orthopaedics and Sports Medicine Institute*

9:35 am - 9:45 am  Title TBD  
*Brian C. Werner, MD, University of Virginia School of Medicine*

9:45 am - 9:55 am  Discussion and Questions

9:55 am – 10:20 am  **Break – Please visit Exhibits**

**GENERAL SESSION 7: BOC Report and Presidential Address**  
Moderator: Ryan M. Nunley, MD, *Washington University School of Medicine*

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**  
*Ryan M. Nunley, MD, Washington University School of Medicine*

10:35 am - 11:05 am  
**Presidential Address**  
Rules of Engagement for the Orthopedic Surgeon. Why Bother?  
*Mathew J. Matava, MD, Washington University School of Medicine*

**SYMPOSIUM 7: Opioids in the Orthopaedic Patient**  
*Moderator: Simon Mears, MD, University of Arkansas Medical School*

11:05 am – 11:20 am  
**Practical Tips for Opioid Management by the Orthopaedic Surgeon**  
*Simon Mears, MD, University of Arkansas Medical School*

11:20 am – 11:35 am  
**Cleveland Clinic Narcotic Free Program: How to better manage our patients**  
*Carlos Higuera Rueda, MD, Cleveland Clinic Florida*

11:35 am – 11:55 am  
**TBD**

11:55 am – 12:00 pm  
**Discussion and Questions**

**RAPID FIRE SESSION 8A: Hand/Upper Extremity**  
*Moderators: Richard H. Gelberman, MD, Washington University School of Medicine  
Vincent D. Pellegrini Jr., MD, Medical University of South Carolina*

12:00 pm – 12:04 pm  
**Comparison of Cosmesis and Cost with Absorbable Versus Non-Absorbable Closure in Minor Hand Surgery**  
*David Barcel, MD, Medical University of South Carolina*

12:04 pm – 12:08 pm  
**The Effect of Topical Anesthetic on Sterility for Local Injections of the Hand**  
*Jacob Braunstein, MD, Medical University of South Carolina*

12:08 pm – 12:12 pm  
**Reducing Cost by Using a Smaller Tray in Hand Surgery**  
*Philip Kirn, MD, PharmD, Medical University of South Carolina*

12:12 pm – 12:16 pm  
**Frailty, As Measured by the 5-Item Modified Frailty Index, Predicts Complications, Readmission, Reoperation, And Hospital Length of Stay in Elderly Patients Undergoing Surgical Management of Distal Radius Fractures**  
*Jacob Wilson, MD, Emory University*

12:16 pm – 12:20 pm  
**Discussion**

12:20 pm – 12:24 pm  
**Incidence, Prevalence, and Treatment Trends of Radial Tunnel Syndrome**  
*William Melton, MD, Palmetto Health-University of Southern California Orthopedic Center*

12:24 pm – 12:28 pm  
**Effectiveness of Amnion Fluid Injection in Treatment of Trigger Finger**  
*Michael Quinet, BS, Augusta University/University of Georgia Medical Partnership*
Correlation of Multiple Patient Reported Outcome Measures Across Follow-Up in Patients Undergoing Primary Shoulder Arthroplasty

Martin Laguerre, MPH, University of Florida

The Normalized Constant Score Strongly Correlates with PRO Measures Following Primary Shoulder Arthroplasty

Rowan Michael, MD, University of Florida

Discussion

Flexor Tenisynovectomy for Recurrent Carpal Tunnel Syndrome: A Case Series of 108 Hands

Chase Kluemper, MD, University of Tennessee College of Medicine Chattanooga

Incidence of Surgical Repair of Distal Radius Fractures and its effect on Salvage Procedures

Patrick O'Callaghan, MD, Medical University of South Carolina

Effect of Restoring Lateral Glenohumeral Offset on Patient Outcomes Following Anatomic Total Shoulder Arthroplasty

Justin Rabinowitz, MD, Medical University of South Carolina

Radiographic Comparison of Stemmed and Stemless Shoulder Arthroplasty

Adam Archie, BS, University of Alabama at Birmingham

Discussion

RAPID FIRE SESSION 8B: Foot/Ankle/Tumor/Other

Moderators: Ryan M. Nunley, MD, Washington University School of Medicine
            James A. Keeney, MD, University of Missouri School of Medicine

Percutaneous Screw Fixation - Talonavicular Fusion: Neurovascular Structures at Risk

Ashish Shah, MD, University of Alabama at Birmingham

Outcomes of Inpatient versus Outpatient Elective Foot and Ankle Surgery

Samuel Huntley, BSc, University of Alabama at Birmingham

Effectiveness of a Novel Sandal for the Treatment of Heel and Foot Pain

Meredith Warner, MD, Warner Orthopedics and Wellness

Hemi vs. Total Joint Arthroplasty for Moderate to Severe Hallux Rigidus: A Systematic Review and an Meta-Analysis

Ashish Shah, MD, University of Alabama at Birmingham

Discussion
12:20 pm – 12:24 pm A Multicentered Prospective Randomized Controlled Trial of Negative Pressure Wound Therapy for Preoperatively Irradiated Soft Tissue Sarcoma Wounds - Early Results
Sophia Traven, MD, Medical University of South Carolina

12:24 pm – 12:28 pm Pigmented Villonodular Synovitis of the Knee: Diagnostic Trends and Surgical Management
Aaron Casp, MD, University of Virginia

12:28 pm – 12:32 pm Colon Cancer History Does Not Affect Outcomes/Cost after THA
Samuel Rosas, MD, Wake Forest School of Medicine

12:32 pm – 12:36 pm Outcomes of Reamer Irrigator Aspirator in metastatic femoral intramedullary nails
Alexandra Callan, MD, University of Texas Southwestern Medical Center

12:36 pm – 12:40 pm Discussion

12:40 pm – 12:44 pm The Use of Carbon Fiber Implants for Impending or Existing Pathological Fractures
Leah Herzog, MD, Medical University of South Carolina

12:44 pm – 12:48 pm Validation of the Patient Reported Outcomes Measurement Information System (PROMIS) Instruments for Symptomatic Rotator Cuff Tears
Brendan Patterson, MD, MPH, University of Iowa

12:48 pm – 12:52 pm One-Year Global Unplanned Reoperation Rates: a Useful Quality Metric in Orthopaedic Surgery?
Olufemi Adams, BA, BS, University of Chicago - Pritzker School of Medicine

12:52 pm – 12:56 pm The Grassroots are Smoldering: is There Evidence to Support Maintenance of Certification
Guy Foulkes, MD, OrthoGeorgia

12:56 pm – 1:00 pm Discussion

RAPID FIRE SESSION 8C: Pediatrics
Moderators: Robert Fitch, MD, Duke University School of Medicine
Gregory A. Mencio, MD, Vanderbilt University School of Medicine

12:00 pm – 12:04 pm Age and Obesity in Pediatric Lateral Condyle Fracture Treatment
John King, MD, University of Kentucky

12:04 pm – 12:08 pm Are Sequential Slipped Capital Femoral Epiphyses Truly Sequential?
Asa Shnaekel, MD, MPH, University of Arkansas for Medical Science

12:08 pm – 12:12 pm What They Want - Caregiver Immobilization Preferences For Pediatric Buckle Fractures
Noel Palumbo, BS, University of Florida
Surgical Complications Using Magnetically Controlled Growing Instrumentation for Early Onset Scoliosis: A Systematic Review of the Literature
*K. Aaron Shaw, DO, Dwight D. Eisenhower Army Medical Center*

Discussion

Single Incision Percutaneous Epiphysiodesis is Safe and Effective
*Jessica McQuerry, MD, University of Kentucky*

SoftCast for the Early Management of Clubfoot: The UF Experience
*Jorge Gil, MD, University of Florida*

Intra-Articular Monteggia Fracture: Using the CORA to Improve an Outcome
*Samuel Posey, BS, Vanderbilt University School of Medicine*

Achilles tenotomy protects against rapid recurrence of clubfoot
*Rachel Michael, MD, University of Toledo Medical Center*

Discussion

Transadductor approach for drainage of peripelvic musculature in the pediatric population
*Anna Johnson, MD, University of South Alabama*

Buckling Down on Torus Fractures - Assessing Provider Preferences, Barriers and Influential Factors
*Brendan Williams, MD, University of Florida*

Vitamin D Trends in the Pediatric Orthopaedic Population: A Survey
*Kevin Williams, MD, Palmetto Health-University of Southern California Orthopedic Center*

Is Postoperative Admission Necessary Following Lengthening of Spinal Growing Implants? An Analysis of the National Surgical Quality Improvement Program – Pediatrics
*K. Aaron Shaw, DO, Dwight D. Eisenhower Army Medical Center*

Discussion

**RAPID FIRE SESSION 8D: Spine**

**Moderators:** Gregory Grabowski, MD, University of South Carolina School of Medicine
Christopher A. Heck, MD, Southern Orthopaedic Surgeons

Hypothyroidism Increases 90-Day PostOperative Complications in Patients Undergoing Anterior Cervical Discectomy and Fusion (ACDF): A Retrospective Analysis
*Bijan Ameri, DO, Broward Health Medical Center*
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| 12:04 pm – 12:08 pm | Surgical Reduction of Low-Grade Adult Isthmic and Degenerative Spondylolisthesis Does Not Affect Complication Rates  
*Josh Barber, MD, University of Missouri* |
| 12:08 pm – 12:12 pm | The Impact of Prophylactic Intraoperative Vancomycin Powder on Microbial Profile, Antibiotic Regimen, Length of Stay, and Reoperation Rate in Elective Spine Surgery  
*Zachary Grabel, MD, Emory University* |
| 12:12 pm – 12:16 pm | A Preoperative Multidisciplinary Conference for Pediatric Spinal Deformity Patients Reduces Surgical Cancellations and Improves Standardization of Care  
*David Bumpass, MD, Arkansas Children's Hospital* |
| 12:16 pm – 12:20 pm | Discussion |
| 12:20 pm – 12:24 pm | Risk Factors for Extended Length of Stay and Readmission following ACDF  
*Brian Dial, MD, Duke University Medical Center* |
| 12:24 pm – 12:28 pm | Factors Associated with Length of Stay and Readmission following Microdiscectomy  
*Valentine Esposito, BA, Duke University School of Medicine* |
| 12:28 pm – 12:32 pm | A Retrospective Comparative Analysis on the Effect of Tranexamic Acid to Reduce Perioperative Blood Loss in Patients Undergoing Cervical Spine Surgery  
*Adam Money, MD, Palmetto Health-Univeristy of Southern California Orthopedic Center* |
| 12:32 pm – 12:36 pm | Tobacco use predicts a more difficult episode of care after elective anterior cervical discectomy and fusion  
*Daniel Wells, MD, University of Tennessee - Campbell Clinic* |
| 12:36 pm – 12:40 pm | Discussion |
| 12:40 pm – 12:44 pm | Anterior Cervical Plate Position and Clinical Outcomes in ACDF  
*Tyler White, MD, Louisiana State University* |
| 12:44 pm – 1:48 pm | Interim Study Results of Anterior Cervical Fusion Using a Porous PEEK Interbody Implant  
*J. Kenneth Burkus, MD, The Hughston Clinic* |
| 1:48 pm – 12:52 pm | Two-Level Cervical Disc Arthroplasty Compared with Fusion. Ten-year Clinical and Radiographic Analysis  
*R. Paul Waldrop, BS, The Hughston Clinic* |
| 12:52 pm – 12:56 pm | Surgical Positioning for Traumatic Hyperextension-Distraction Injuries of the Thoracolumbar Spine: A Technical Note  
*Carly Cignetti, BS, University of Alabama at Birmingham* |
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<td>Multimedia Education Session</td>
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