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  
*J. Patton Robinette, BA, Vanderbilt University School of Medicine*

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 South Carolina Orthopaedic Center*

10:12 am – 10:16 am  Microbiological Analysis Before and After Decontamination 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 versus 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
Langdon A. Hartsock, MD, Medical University of South Carolina

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 Five 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

2:00 pm – 3:30 pm  *Surgical Care Resident Session*

3:30 pm – 4:30 pm  *Scientific E-Poster Session* (Presenters are available to answer questions.)

4:30 pm – 5:30 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
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?
What is Critical Angle that Portends Poor Functional Outcome Scores in Nonoperative Management of Humeral Shaft Fractures?
*Brian Hill, MD, Saint Louis University School of Medicine*

Pre-Operative Opioid Use Among Shoulder Arthroplasty Patients Predicts Post-Operative Use
*Derek Berglund, MD, Holy Cross Orthopedic Institute*

Does the Use of Tranexamic Acid Decrease Transfusion Rates in High-Risk Shoulder Arthroplasty?
*Adetayo Lawal, MD, University of Florida*

Does Tuberosity Augmentation Improve the Biomechanics of Reverse Shoulder Arthroplasty?
*Diego Lima, MD, Cleveland Clinic Florida*

Does Having Prior Rotator Cuff Surgery Affect Outcomes in Reverse Shoulder Arthroplasty?
*Maharsh Patel, MD, University of Florida*

The Impact of Preoperative Opioid Use on Outcomes after Arthroscopic Rotator Cuff Repair
*Diego Lima, MD, Cleveland Clinic Florida*

Incidence and Risk Factors for Aseptic Glenoid Baseplate Loosening in Reverse Total Shoulder Arthroplasty
*Alexander Bitzer, MD, The Johns Hopkins Hospital*

How Orthopaedic Surgeons Can Impact Narcotic Dependence in TSA Patients
*Kiran Chatha, MD, Cleveland Clinic Florida*

Validity and Responsiveness of Single Alpha-Numeric Evaluation for Shoulder Patients
*Michael Kissenberth, MD, Steadman Hawkins Clinic of the Carolina*

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
Michael Del Core, MD, University of Texas Southwestern Medical Center

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
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 - University of South Carolina Orthopaedic 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 - University of South Carolina Orthopaedic 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 versus 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**
*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?
Matthew 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 South Carolina Orthopaedic Center
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 versus Total Joint Arthroplasty for Moderate to Severe Hallux Rigidus: A Systematic Review and an Meta-Analysis
*Ashish Shah, MD, University of Alabama at Birmingham*
12:16 pm – 12:20 pm  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

12:12 pm – 12:16 pm 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

12:16 pm – 12:20 pm Discussion

12:20 pm – 12:24 pm Single Incision Percutaneous Epiphysiodesis is Safe and Effective
Jessica McQuerry, MD, University of Kentucky

12:24 pm – 12:28 pm SoftCast for the Early Management of Clubfoot: The UF Experience
Jorge Gil, MD, University of Florida

12:28 pm – 12:32 pm Intra-Articular Monteggia Fracture: Using the CORA to Improve an Outcome
Samuel Posey, BS, Vanderbilt University School of Medicine

12:32 pm – 12:36 pm Achilles tenotomy protects against rapid recurrence of clubfoot
Rachel Michael, MD, University of Toledo Medical Center

12:36 pm – 12:40 pm Discussion

12:40 pm – 12:44 pm Transadductor approach for drainage of peripelvic musculature in the pediatric population
Anna Johnson, MD, University of South Alabama

12:44 pm – 12:48 pm Buckling Down on Torus Fractures - Assessing Provider Preferences, Barriers and Influential Factors
Brendan Williams, MD, University of Florida

Kevin Williams, MD, Palmetto Health - University of South Carolina Orthopaedic Center

12:52 pm – 12:56 pm 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

12:56 pm – 1:00 pm Discussion

RAPID FIRE SESSION 8D: Spine
Moderators: Gregory Grabowski, MD, University of South Carolina School of Medicine
Christopher A. Heck, MD, Southern Orthopaedic Surgeons

12:00 pm – 12:04 pm 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
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 - University of South Carolina Orthopaedic 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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