

SOA Scientific Program
The Westin Hilton Head Island Resort & Spa
Hilton Head Island, SC
June 28-July 1, 2017
(Presenters and times are subject to change.)

Thursday, June 29

6:00 am – 6:45 am **Scientific E-Poster Session**

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

7:00 am – 7:05 am **Welcome and Announcements**
Samuel I. Brown, MD, President
Robert D. Zura, MD, Program Chair

GENERAL SESSION 1: Resident Awards

Moderator: Robert D. Zura, MD, *Louisiana State University Health Sciences Center*
 Samuel I. Brown, MD, *Sports Medicine and Orthopaedics Center*

7:05 am – 7:11 am SOA Presidents' Resident Award
Pulsatile Lavage Of Musculoskeletal Wounds Causes Myonecrosis And
Dystrophic Calcification
Alexander M. Chiaramonti, MD, University of Maryland

7:11 am – 7:17 am Harley & Betty Baxter Resident Award
Adductor Canal vs. Femoral Nerve Block In ACL: RCT
William Godfrey, MD, Emory University

7:17 am – 7:23 am Harley & Betty Baxter Resident Award
Is There A Threshold Value Of Hemoglobin A1c That Predicts Risk Of
Infection Following THA?
Jourdan M. Cancienne, MD, University of Virginia

7:23 am – 7:29 am SOA/OREF Resident Award
Motorcycles And Helmets: Dangers Of Repealing Universal Helmet Laws
Robert Runner, MD, Emory University

7:29 am – 7:35 am SOA/OREF Resident Award
Hindfoot Arthritis Progression And Arthrodesis Risk After Total Ankle
Replacement At A Minimum Of Five Years Follow-Up
Travis Dekker, MD, Duke University

7:35 am – 7:40 am Discussion

7:40 am – 7:46 am SOA/OREF Resident Award
Nonunion And Reoperation Rate After Internal Fixation Of Adult Proximal
Femur Fractures: A Systematic Review And Meta-Analysis

Riikka E. K. Nomides, MD, Duke University

- 7:46 am – 7:52 am Harley & Betty Baxter Resident Travel Grant Award
Fewer Complications Following Revision Hip And Knee Arthroplasty In
Patients With Normal Vitamin D Levels
Sophia Traven, MD, Medical University of South Carolina
- 7:52 am – 7:58 am SOA Resident Travel Grant Award
Maximizing Efficiency When Rescheduling Cancelled Surgeries
Michael Hadeed, MD, University of Virginia
- 7:58 am – 8:04 am SOA Resident Travel Grant Award
Utilization Of Vertebroplasty And Kyphoplasty Throughout The United
States
*Joseph L. Laratta, MD, The Spine Hospital at Columbia University Medical
Center*
- 8:04 am – 8:10 am SOA Resident Travel Grant Award
In-Vivo Chondrotoxicity Of Intra-Articular Infiltration Of Liposomal
Bupivacaine In A Porcine Model
K. Aaron Shaw, DO, Dwight D. Eisenhower Army Medical Center
- 8:10 am – 8:15 am Discussion

RAPID FIRE SESSION 2A: Sports/Other

Moderator: TBD

- 8:20 am – 8:24 am Implant Removal And Spacer Placement For The Infected Shoulder
Arthroplasty
Brian C. Werner, MD, University of Virginia
- 8:24 am – 8:28 am SSV Correlates Well With ASES In RCR And SA Patients
Julia Retzky, BA, Johns Hopkins University School of Medicine
- 8:28 am – 8:32 am Evaluation Of The Instability Severity Index Score In The US Military
Andrew G. Chan, MD, MPH, William Beaumont Army Medical Center
- 8:32 am – 8:37 am Discussion
- 8:37 am – 8:41 am Infection Risk Following Shoulder Arthroscopy: Analysis Of 422,245
Patients
Brian C. Werner, MD, University of Virginia
- 8:41 am – 8:45 am Correlating Intra-Operative Hamstring Autograft Size With Anthropometric
And MRI Measurements
CPT Sally Corey, DO, Dwight D. Eisenhower Army Medical Center
- 8:45 am – 8:49 am Injury Rates And Characteristics In Professional Ultimate Frisbee
Matthew Hess, BS, University of Alabama School of Medicine

8:49 am – 8:53 am Outcomes Allograft ACL Reconstruction —Comparison Sterilization Methods And Source Tissue
Timothy McCarthy, MD, Emory University

8:53 am – 9:00 am Discussion

RAPID FIRE SESSION 2B: Total Joints

Moderators: H. Clayton Thomason III, MD, *Carolina Orthopaedic & Sports Medicine*
James A. Browne, MD, *University of Virginia*

8:20 am – 8:24 am Patient Preferences Regarding Anticoagulation Prophylaxis For Venous Thromboembolism After Total Hip And Knee Replacement
Leland Stoddard, BS, Medical University of South Carolina

8:24 am – 8:28 am Risk Factors For Postoperative Urinary Retention After Total Hip Arthroplasty
Charles Lawrie, MD, University of Miami Hospital/Jackson Memorial Hospital

8:28 am – 8:32 am Comparing Outcomes And Metal Ion Levels Between Low And Medium Radial Clearance Hip Resurfacing Systems
Lindsay Kleeman, MD, Duke University

8:32 am – 8:37 am Discussion

8:37 am – 8:41 am Cannabis Increases The Risk For Revision After Total Knee Arthroplasty
Martin Roche, MD, Holy Cross Orthopedic Institute

8:41 am – 8:45 am Nutrition Status Predicts Length Of Stay In Two-Stage Management Of Prosthetic Joint Infection?
Brian T. Grisez, MD, West Virginia University

8:45 am – 8:49 am Decreased Time To Return To Work Using Robotic-Assisted Unicompartamental Knee Arthroplasty Compared To Conventional Techniques
Alexander H. Jinnah, MD, Wake Forest School of Medicine

8:49 am – 8:53 am Is There A Difference Between Cemented And Uncemented Femoral Stems In Revision Knee Arthroplasty?
Paul F. Lachiewicz, MD, Chapel Hill Orthopedics Surgery & Sports Medicine

8:53 am – 9:00 am Discussion

RAPID FIRE SESSION 2C: Hand/Upper Extremity

Moderators: James R. Urbaniak, MD, *Duke University Medical Center*
L. Andrew Koman, MD, *Wake Forest University*

8:20 am – 8:24 am Primary Biceps Tenodesis vs. Repair For Type II SLAP Tears In Patients Under 30 Years Old
Patrick W. Joyner, MD, Naval Medical Center Portsmouth

8:24 am – 8:28 am	90 Day Readmission Rates Following Primary Shoulder Arthroplasty <i>Manisha R. Chand, MD, Cleveland Clinic Florida</i>
8:28 am – 8:32 am	Fatty Atrophy, Positive Tangent Sign, And RC Tears On TSA <i>W. Stephen Choate, MD, Steadman Hawkins Clinic of the Carolinas</i>
8:32 am – 8:37 am	Discussion
8:37 am – 8:41 am	Ultrasound-Guided Aspiration Does Not Reduce Recurrence Of Wrist Ganglion Cysts <i>Greg Kurkis, MD, Emory University</i>
8:41 am – 8:45 am	Trends In Management Of Radial Head And Olecranon Fractures <i>Derek Berglund, MD, Holy Cross Orthopedic Institute</i>
8:45 am – 8:49 am	Operative Techniques And Clinical Outcomes For The Surgical Treatment Of Medial Epicondylitis: A Systematic Review <i>Stephen Thon, MD, Tulane University</i>
8:49 am – 8:53 am	Ultrasonography vs. EMG/NCS In Diagnosis Of Nerve Entrapment At Elbow <i>Poonam Dalwadi, BS, Emory University</i>
8:53 am – 9:00 am	Discussion

RAPID FIRE SESSION 2D: Outcomes/Basic Science

Moderator: TBD

8:20 am – 8:24 am	The Hidden Cost Of Training Orthopaedic Surgery Residents To Perform An Open Carpal Tunnel Release <i>Dane Daley, MD, Medical University of South Carolina</i>
8:24 am – 8:28 am	Outcomes Of Distal Humerus Fractures: What Are We Measuring? <i>Ali Zarezadeh, MD, University of Florida</i>
8:28 am – 8:32 am	Post Market Surveillance Using Patient Reported Outcome Measures <i>Steven T. DiSegna, MD, University of Massachusetts Memorial Medical Center</i>
8:32 am – 8:37 am	Discussion
8:37 am – 8:41 am	The Tritomic Approach: A Triceps-Sparing Posterior Approach To The Elbow <i>Sam Bhimani, BS, Mercer University School of Medicine</i>
8:41 am – 8:45 am	Biaxial Compression Screw For Condylar Fracture Fixation: A Novel Concept Development With A Prototype <i>Diwakar Pulisetty, MD, Touchette Regional Hospital</i>

8:45 am – 8:49 am	Proteasome Inhibitors Induce Differentiation, Cell Cycle Arrest And Apoptosis In Osteosarcoma <i>Ali Zarezadeh, MD, University of Florida</i>
8:49 am – 8:53 am	Building Better Bone: Biologic & Engineering Strategies For Bone Loss <i>Andrew Schwartz, MD, Emory University</i>
8:53 am – 9:00 am	Discussion
9:00 am – 9:20 am	<i>Break – Please visit Exhibits</i>

GENERAL SESSION 3: OREF Report & Presidential Guest Speaker

Moderator: Samuel I. Brown, MD, *Sports Medicine and Orthopaedics Center*

9:20 am – 9:25 am	OREF Report
9:25 am – 9:30 am	Introduction of Presidential Guest Speaker <i>Samuel I. Brown, MD, Sports Medicine and Orthopaedics Center</i>
9:30 am – 10:00 am	Leadership Through Chaos <i>Kevin D. Plancher, MD, Albert Einstein College of Medicine</i>

RAPID FIRE SESSION 4A: Sports/Upper Extremity

Moderators: Scott D. Mair, MD, *University of Kentucky Sports Medicine*
Claude T. Moorman III, MD, *Duke University Medical Center*

10:05 am – 10:09 am	Economic Impact of Community Sports Coverage by Outreach Athletic Trainers <i>Jeannie Buckner, BS, Medical University of South Carolina</i>
10:09 am – 10:13 am	Risk Factors For Prolonged Narcotic Use Following Rotator Cuff Repair <i>Brian C. Werner, MD, University of Virginia</i>
10:13 am – 10:17 am	Five-Year Outcome Following Arthroscopic Repair Of Isolated Partial-Thickness Rotator Cuff Tears <i>Alexander R. Vap, MD, Virginia Commonwealth University</i>
10:17 am – 10:20 am	Discussion
10:20 am – 10:24 am	Biomechanical Strength Of Rotator Cuff Repairs: A Meta-Regression Analysis <i>Brendan Shi, BS, Johns Hopkins School of Medicine</i>
10:24 am – 10:28 am	Influence of Level 1 Evidence On Management Of Clavicle And Distal Humerus Fractures: A Nationwide Comparative Study Of Records From 2005 To 2014 <i>Jennifer Kurowicki, MD, Holy Cross Orthopedic Research Institute</i>
10:28 am – 10:32 am	A Comprehensive Re-Analysis Of The Distal Iliotibial Band <i>Jonathan A. Godin, MD, MBA, Steadman Philippon Research Institute</i>

10:32 am –10:35 am Discussion

RAPID FIRE SESSION 4B: Trauma

Moderators: Paul B. Gladden, MD, *Tulane University School of Medicine*
 Kristoff Reid, MD, *Duke University*

10:05 am –10:09 am Allograft Augmentation Of Extensor Mechanism For Chronic Patellar
Tendon Ruptures: A Case Series
Patrick W. Joyner, MD, Naval Medical Center Portsmouth

10:09 am –10:13 am Considerations To Reduce Saphenous Neurovascular Bundle Injury During
Syndesmosis Fixation
Guadalupe de la Fuente, MD, Baylor Scott & White Healthcare

10:13 am –10:17 am Mortality In Severely Injured Patients At High Acuity Centers
Andrew Schwartz, MD, Emory University

10:17 am –10:20 am Discussion

10:20 am –10:24 am Risk Factors For Early Failure After CRPP Of Femoral Neck Fractures
Cody L. Evans, MD, University of Virginia

10:24 am –10:28 am Factors Associated With Successful Glenohumeral Joint Relocation With
Closed Manipulation After Proximal Humerus Fracture-Dislocations
Ian Al'khafaji, MD, Wake Forest Baptist Medical Center

10:28 am –10:32 am Diaphyseal And Distal Femur Fracture Complications: Systematic Review
And Meta-Analysis
Riikka E. K. Nomides, MD, Duke University

10:32 am –10:35 am Discussion

RAPID FIRE SESSION 4C: Total Knee

Moderator: TBD

10:05 am –10:09 am Is Outpatient Total Knee Arthroplasty Safe And Effective?
*Lacey Giambelluca Lavie, BS, Louisiana State University Health Sciences
Center*

10:09 am –10:13 am Optimizing Pain Management Following Total Knee Arthroplasty
Juan Suarez, MD, Cleveland Clinic Florida

10:13 am –10:17 am The Role Of Hemoglobin A1c In Predicting Periprosthetic Joint Infection
Following TKA
Jourdan M. Cancienne, MD, University of Virginia

10:17 am –10:20 am Discussion

10:20 am –10:24 am Trends in Opioid Use Before and After Total Knee Arthroplasty
Beau J. Kildow, MD, Duke University Medical Center

10:24 am –10:28 am Risk Factors For Repeat Debridement, Spacer Retention, Amputation, Arthrodesis, And Mortality After Removal Of An Infected TKA With Spacer Placement
Jourdan M. Cancienne, MD, University of Virginia

10:28 am –10:32 am Albumin, Prealbumin, And Transferrin May Be Predictive Of Wound Complications Following Total Knee Arthroplasty
Martin Roche, MD, Holy Cross Orthopedic Institute

10:32 am –10:35 am Discussion

RAPID FIRE SESSION 4D: Other

Moderator: TBD

10:05 am –10:09 am Trends and Risks In Orthopedic Lawsuits: National Legal Database Review
Kyle Cichos, BS, University of Alabama at Birmingham School of Medicine

10:09 am –10:13 am Orthopaedic Specialty University Hospitals: Do They Provide Better Outcomes?
Jimmy Daruwalla, MD, Emory University

10:13 am –10:17 am Readability Of Orthopaedic Patient-Reported Outcome Measures: Is There A Fundamental Failure To Communicate?
Zachary A. Mosher, BS, University of Alabama at Birmingham

10:17 am –10:20 am Discussion

10:20 am –10:24 am Check-In Kiosks: The Future Of Healthcare Administration
Zachary A. Mosher, BS, University of Alabama at Birmingham

10:24 am –10:28 am Prosthetic Joint Infection Trends At A Dedicated Orthopaedics Specialty Hospital
Robert Runner, MD, Emory University

10:28 am –10:32 am The Effect Of Residency Training On Arthroscopic Knot Tying And Knot Stability
Kevin Cronin, MD, University of Kentucky

10:32 am –10:35 am Discussion

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

SYMPOSIUM 1: Sports Medicine Current Concepts Debates

Moderator: Claude T. Moorman III, MD, *Duke University Medical Center*

Grade III MCL Injury With ACL Tear

10:55 am – 11:07 am Treat The MCL Non-Operatively
Matthew J. Matava, MD, Washington University School of Medicine

11:07 am – 11:19 am Repair The MCL

Darren L. Johnson, MD, University of Kentucky Sports Medicine

11:19 am – 11:25 am Discussion

Arthroscopic Rotator Cuff Repair

11:25 am – 11:37 am Double Row Repair Is The Gold Standard
Claude T. Moorman III, MD, Duke University Medical Center

11:37 am – 11:49 am Every Cuff Tear Is Different And Only Select Tears. Require A Double Row
Kevin W. Farmer, MD, University of Florida Orthopaedics and Sports Medicine Institute

11:49 am – 11:55 am Discussion

11:55 am – 12:55 pm **SOA Luncheon - Industry Presentation**
*CME Credit Not Available

SYMPOSIUM 2: Joints

Moderators: Vinod Dasa, MD, *Louisiana State University Health Sciences Center*

12:55 pm – 1:07 pm Safety Criteria for Short Hospital Stay after Total Joint Replacement
Morteza Meftah, MD, Bronx-Lebanon Hospital Center

1:07 pm – 1:19 pm Economics Of Outpatient Total Joints
John Bottros, MD, OrthoIllinois

1:19 pm – 1:31 pm Safety And Effectiveness Of rapid Recovery Protocols
Vinod Dasa, MD, Louisiana State University Health Sciences Center

1:31 pm – 1:43 pm CJR Bundle Advocacy Update
Speaker TBD

1:43 pm – 1:55 pm Discussion

1:55 pm – 2:55 pm **Industry Presentation**
Legally Mine
*CME Credit Not Available

2:00 pm – 3:00 pm **Scientific E-Poster Session**

3:00 pm – 4:30 pm **Multimedia Education Session**

Friday, June 30

6:00 am – 7:00 am **Scientific E-Poster Session**

7:00 am - 7:05 am **Announcements**
Samuel I. Brown, MD, President

Robert D. Zura, MD, Program Chair

SYMPOSIUM 3: Pediatric Fractures: We'll Break it Down, A Case Based Symposium

Moderator: Robert Fitch, MD, *Duke University Medical Center*

7:05 am – 8:05 am Case Presentations
Robert Fitch, MD, Duke University Medical Center
William K. Accousti, MD, Louisiana State University Health Sciences Center School of Medicine
Robert K. Lark, MD, Duke University Medical Center
Robert Murphy, MD, Medical University of South Carolina

RAPID FIRE SESSION 5A: Total Hip

Moderators: C. Lowry Barnes, MD, *University of Arkansas for Medical Sciences*
 Ryan M. Nunley, MD, *Washington University School of Medicine*

8:10 am – 8:14 am First Time Dislocation Following THA: What Is The Risk Of Subsequent Dislocation And Revision?
Jourdan M. Cancienne, MD, University of Virginia

8:14 am – 8:18 am Residual Symptoms Following Unicompartmental And Total Knee Arthroplasty: Comparable To Controls?
Ryan Nunley, MD, Washington University School of Medicine

8:18 am – 8:22 am Surgical Approach And BMI Can Influence Effectiveness Of TXA Administration In Total Hip Arthroplasty
Brian T. Grisez, MD, West Virginia University

8:22 am – 8:27 am Discussion

8:27 am – 8:31 am Dual-Mobility Implants Successfully Reduced Dislocation Rates In A Series Of High-Risk Total Hip Arthroplasty Patients
David Hamilton, MD, University of Kentucky

8:31 am – 8:35 am Role Of Inflammatory Markers In The Pre-Operative Evaluation Of Patients Undergoing Total Hip Arthroplasty Salvage Procedure
Jessica Hughes, MD, Baylor Scott and White

8:35 am – 8:39 am The Accuracy Of Acetabular Cup Positioning With And Without Fluoroscopy In Anterior Hip Arthroplasty
Preetesh Patel, MD, Cleveland Clinic Florida

8:39 am – 8:43 am Internet Based Physical Therapy Following Total Hip Arthroplasty
Juan Suarez, MD, Cleveland Clinic Florida

8:43 am – 8:50 am Discussion

RAPID FIRE SESSION 5B: Total Knee

Moderator: Vinod Dasa, MD, *Louisiana State University Health Sciences Center*

8:10 am – 8:14 am	Optimal Length Of Stay Following Joint Arthroplasty To Reduce Readmission <i>Patricia A. Kirkland, BS, Medical University of South Carolina</i>
8:14 am – 8:18 am	Analysis Of Spanish vs English Speaking Patients Undergoing Total Knee Arthroplasty <i>Adam Wright, MD, Baylor Scott and White</i>
8:18 am – 8:22 am	Outcomes Of Quadriceps Tendon Autograft In Anterior Cruciate Ligament Revision <i>Stephanie Boden, BS, Emory University</i>
8:22 am – 8:27 am	Discussion
8:27 am – 8:31 am	The Linea Aspera As A Marker For Intraoperative Femoral Rotation <i>Cody Covington, MD, Baylor Scott & White Health- Scott & White Medical Center</i>
8:31 am – 8:35 am	Eliminating Tobramycin From Antibiotic Spacers Greatly Reduces The Risk Of Acute Kidney Injury In Infected Total Joint Replacements <i>Zachary Harris, BA, Vanderbilt University</i>
8:35 am – 8:39 am	Short And Long-Term Post-Operative Complications Following Total Joint Arthroplasty In Patients With HIV, Hepatitis B, Or Hepatitis C <i>Beau J. Kildow, MD, Duke University Medical Center</i>
8:39 am – 8:43 am	Risk Of Periprosthetic Joint Infection In Patients With Multiple Arthroplasties <i>W. Parker Abblitt, MD, Vanderbilt University Medical Center</i>
8:43 am – 8:50 am	Discussion

RAPID FIRE SESSION 5C: Upper Extremity

Moderator: L. Andrew Koman, MD, Wake Forest University

8:10 am – 8:14 am	Scapular Notching In Reverse Total Shoulder Arthroplasty <i>Richard Friedman, MD, FRCSC, Medical University of South Carolina</i>
8:14 am – 8:18 am	Refuting The Lipstick Sign <i>Josef Eichinger, MD, Medical University of South Carolina</i>
8:18 am – 8:22 am	A Map For SLAPs: How Are Outcomes Measured For Superior Labral Tears Of The Shoulder? <i>Brendan A. Williams, MD, University of Florida</i>
8:22 am – 8:27 am	Discussion
8:27 am – 8:31 am	Head-To-Head Comparison of Costs of Total Shoulder Arthroplasty By Payor <i>Samuel Rosas, MD, Holy Cross Orthopedic Institute</i>

8:31 am – 8:35 am	Reducing Cost By Using A Smaller Tray In Hand Surgery <i>Phil T. Kirn, MD, PharmD, Medical University of South Carolina</i>
8:35 am – 8:39 am	Patient Perceptions Of Fluoroscopy In The Outpatient Hand Clinic Setting <i>Patrick K. O'Callaghan, MD, Medical University of South Carolina</i>
8:39 am – 8:43 am	Distal Clavicular Osteochondral Autograft Augmentation For Glenoid Bone Loss <i>Adam Kwapisz, MD, Steadman Hawkins Clinic of the Carolinas/Greenville Health System</i>
8:43 am – 8:50 am	Discussion

RAPID FIRE SESSION 5D: Foot & Ankle

Moderators: J. Benjamin Jackson, MD, *University of South Carolina School of Medicine*
COL (Ret) James R. Ficke, MD, *Johns Hopkins University*

8:10 am – 8:14 am	Fixation Of Calcaneal Fractures Through A Mini-Incision Technique <i>Michael Johnson, MD, University of Alabama at Birmingham</i>
8:14 am – 8:18 am	Normal Sonographic Parameters Of Posterior Tibial, Peroneal, And Achilles Tendons <i>Christopher Hong Chu, BS, Palmetto Health- University of South Carolina Orthopedic Center</i>
8:18 am – 8:22 am	Revisiting The Prevalence Of Associated Co-Pathologies In Chronic Lateral Ankle Instability <i>Ibukunoluwa Araoye, MS, University of Alabama at Birmingham</i>
8:22 am – 8:27 am	Discussion
8:27 am – 8:31 am	Lateral Ankle Instability Surgical Treatment: A Comparison Between Primary Repair And Revision Surgery <i>Cesar de Cesar Netto, MD, University of Alabama at Birmingham</i>
8:31 am – 8:35 am	Lateral Ankle Instability: Sensitivity Of MRI In Detecting Peroneal Pathology <i>Parke Hudson, BS, University of Alabama at Birmingham</i>
8:35 am – 8:39 am	The Use Of Patient-Specific 3D Printed Titanium Implants For Complex Foot And Ankle Limb Salvage Procedures <i>Travis Dekker, MD, Duke University</i>
8:39 am – 8:43 am	Biomechanical Evaluation Of Fixation Of Low Transverse Distal Fibula Fractures <i>Briggs Ahearn, MD, Emory University</i>
8:43 am – 8:50 am	Discussion
8:50 am – 9:10 am	Break – Please visit Exhibits

GENERAL SESSION 6: AAOS Report & Distinguished Southern Orthopaedist

Moderator: Samuel I. Brown, MD, *Sports Medicine and Orthopaedics Center*

- 9:10 am – 9:25 am **AAOS Report**
William J. Maloney III, MD, AAOS President, Stanford School of Medicine
- 9:25 am – 9:30 am **Introduction of Distinguished Southern Orthopaedist**
Samuel I. Brown, MD, Sports Medicine and Orthopaedics Center
- 9:30 am – 10:05 am **Distinguished Southern Orthopaedist**
Love, Leadership and the ACL
COL (Ret) John A. Feagin Jr., MD, Jackson, WY
- 10:05 am – 10:25 am *Break – Please visit Exhibits*

SYMPOSIUM 4: Survival in the New Medical Paradigm

Moderator: Fred Flandry, MD, FACS, *The Hughston Clinic*

- 10:25 am – 10:34 am Surviving MIPS
Karen Clark, MBA, OrthoTennessee
- 10:34 am – 10:43 am Surviving Bundles
C. Lowry Barnes, MD, University of Arkansas for Medical Sciences
- 10:43 am – 10:52 am Employment Models
Jeff Angel, MD, White River Health System
- 10:52 am – 11:01 am Concierge Medicine Models
Speaker TBD
- 11:01 am – 11:10 am Independent Practice Models
Todd Schmidt, MD, Ortho Atlanta
- 11:10 am – 11:19 am Co-Management Agreements
Mark Baker, CEO, The Hughston Clinic
- 11:19 am – 11:25 am Discussion
- 11:25 am – 12:25 pm **SOA Luncheon -- Industry Presentation**
*CME Credit Not Available

SYMPOSIUM 5: Hot Topics and Controversies in Total Knee Arthroplasty

Moderator: Paul F. Lachiewicz, MD, *Chapel Hill Orthopedics Surgery & Sports Medicine/Duke University*

- 12:25 pm – 12:35 pm Cementless Total Knees: Should We All Be Doing These Now?
Ryan M. Nunley, MD, Washington University School of Medicine
- 12:35 pm – 12:45 pm Peri-Articular Injections or Nerve Blocks: Which is Preferred?
C. Lowry Barnes, MD, University of Arkansas for Medical Sciences

12:45 pm – 12:55 pm	Valgus Knees: Are They More Difficult? <i>Paul F. Lachiewicz, MD, Chapel Hill Orthopedics Surgery & Sports Medicine/Duke University</i>
12:55 pm – 1:05 pm	Computers and Robots: Should You Use and Will They Make a Better Knee? <i>Samuel S. Wellman, MD, Duke University Medical Center</i>
1:05 pm – 1:15 pm	The Stiff Total Knee: What To Do? <i>William J. Maloney III, MD, Stanford School of Medicine</i>
1:15 pm – 1:25 pm	Discussion
1:25 pm – 2:25 pm	Scientific E-Poster Session
2:25 pm – 4:25 pm	Multimedia Education Session

Saturday, July 1

6:00 am – 7:00 am	Scientific E-Poster Session
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RAPID FIRE SESSION 7A: Sports Medicine

Moderators: Jeffrey A. Guy, MD, *University of South Carolina School of Medicine*
Patrick W. Joyner, MD, *Naval Medical Center Portsmouth*

7:00 am – 7:04 am	The Association Of Hemoglobin A1C With Postoperative Infection Following TSA <i>Brian C. Werner, MD, University of Virginia</i>
7:04 am – 7:08 am	Exertional Rhabdomyolysis In Collegiate Football Players <i>Thomas X. Nguyen, MD, Howard University Hospital</i>
7:08 am – 7:12 am	Shoulder Injection Prior To Rotator Cuff Repair Is Associated With Increased Risk Of Subsequent Surgery <i>Sophia Traven, MD, Medical University of South Carolina</i>
7:12 am – 7:17 am	Discussion
7:17 am – 7:21 am	Hypertrophic Chondrocytes Prevent Fusion In A Rat Model <i>Comron Saifi, MD, The Spine Hospital at Columbia University Medical Center</i>
7:21 am – 7:25 am	Arthroscopic Anterior Labral Repairs In Females <i>John T. Heffernan, MD, Tulane University Department of Orthopaedic Surgery</i>
7:25 am – 7:29 am	Arthroscopic Repair Of Isolated Partial- And Full-Thickness Upper Third Subscapularis Tendon Tears: Minimum 2-Year Outcomes After Single-Anchor Repair And Biceps Tenodesis <i>Alexander R. Vap, MD, Virginia Commonwealth University</i>

7:29 am – 7:33 am Osteochondral Autograft Plug Transfer For The Management Of Isolated Femoral Condyle Cartilage Defects In Patients Over Forty
Aaron J. Casp, MD, University of Virginia

7:33 am – 7:40 am Discussion

RAPID FIRE SESSION 7B: Shoulder

Moderators: Michael O'Brien, MD, *Tulane University School of Medicine*
 Claude T. Moorman III, MD, *Duke University Medical Center*

7:00 am – 7:04 am Optimizing Pain Management Following Open Shoulder Surgery
Sumit Kanwar, MD, Cleveland Clinic Florida

7:04 am – 7:08 am Shoulder Arthroplasty Outcomes After Anterior Stabilization Procedures: Do Reverses Have Better Results
William Z. Stone, MD, University of Florida

7:08 am – 7:12 am Metallosis In A Reverse Total Shoulder Arthroplasty
Tyler Clark, MD, Tulane Medical Center

7:12 am – 7:17 am Discussion

7:17 am – 7:21 am Results And Complications Of Anatomic Anterior Clavicle Titanium Osteosynthesis
Gregory Gomez, MD, University of Texas Health Science Center San Antonio

7:21 am – 7:25 am Does The Second Shoulder Outperform The First In Bilateral Arthroplasty?
Derek Berglund, MD, Holy Cross Orthopedic Institute

7:25 am – 7:29 am Impact Of Clavicle Fractures On NFL Athletes' Return And Performance
Darshan Vora, BS, The George Washington University School of Medicine and Health Sciences

7:29 am – 7:33 am Accuracy Of Glenoid Version And Inclination: A Comparison Of Surgical Planning Software Platforms
Jennifer Kurowicki, MD, Holy Cross Orthopedic Research Institute

7:33 am – 7:40 am Discussion

RAPID FIRE SESSION 7C: Trauma/Foot/Tumor

Moderators: Langdon A. Hartsock, MD, *Medical University of South Carolina*
 Andrew A. Shinar, MD, *Vanderbilt University Medical Center*

7:00 am – 7:04 am Thromboelastography (TEG) Is Predictive Of Mortality, Blood Transfusion, And Blood Loss In Patients With Traumatic Pelvis Fracture
Phillip A. Bostian, MD, West Virginia University

7:04 am – 7:08 am Curved Retrograde TTC Fusion Nails: Neurovascular Structures At Risk And Entry Point Safe-Zone

Cesar de Cesar Netto, MD, University of Alabama at Birmingham

- 7:08 am – 7:12 am Single-Use Sets For Distal Radius Plating Currently Not Cost Effective
Bryce Fugarino, MD, Louisiana State University Health Sciences Center
- 7:12 am – 7:17 am Discussion
- 7:17 am – 7:21 am Significant Differences Exist In Patient Demographics Of Foot And Ankle Surgeries Between
Zilan Lin, MD, Medical University of South Carolina
- 7:21 am – 7:25 am Adult Acquired Flatfoot - Surgical Incidence And Economic Burden
Tyler Goodwin, BS, BA, Palmetto Health-University of South Carolina Orthopedics
- 7:25 am – 7:29 am Calcaneal Osteotomy For The Treatment Of Hindfoot Valgus Deformity
Sung Lee, BS, University of Alabama at Birmingham
- 7:29 am – 7:33 am Impact Of Arthroscopy Timing On Outcomes Of Lateral Ankle Ligament Repair Surgery
Brent Cone, BS, University of Alabama at Birmingham
- 7:33 am – 7:40 am Discussion

RAPID FIRE SESSION 7D: Spine

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

- 7:00 am – 7:04 am Is A Per-Implant Halo A Reliable Indicator Of Psudearthrosis In Scoliosis
Elaine T. Fleming, BS, Louisiana State University Health Sciences Center New Orleans
- 7:04 am – 7:08 am The Fall Of Recombinant Bone Morphogenetic Protein
Joseph L. Laratta, MD, The Spine Hospital at Columbia University Medical Center
- 7:08 am – 7:12 am Tobramycin Powder Eliminates Spinal Wound Contamination
Joseph L. Laratta, MD, The Spine Hospital at Columbia University Medical Center
- 7:12 am – 7:17 am Discussion
- 7:17 am – 7:21 am A Comparison Of Anterior And Posterior Lumbar Interbody Fusions– Complications, Readmissions, Discharge Dispositions And Costs
Rabia Qureshi, BS, University of Virginia
- 7:21 am – 7:25 am Are Red Flags For Lower Back Pain Really “Red”?
William Godfrey, MD, Emory University

7:25 am – 7:29 am	Sagittal Vertical Axis Increases With Increasing Cervical Lordosis: Radiographic Analysis Of Cervical And Spinal Alignment In Multilevel ACDF <i>Yoshihiro Katsuura, MD, University of Tennessee at Chattanooga</i>
7:29 am – 7:33 am	Cervical Radiculopathy Treated With Posterior Cervical Cages: Intra-Operative & Clinical Outcomes <i>Timothy Niedzielak, BS, Nova Southeastern University College of Osteopathic Medicine</i>
7:33 am – 7:40 am	Discussion

SYMPOSIUM 6: Orthopaedic Surgeon Leadership

Moderator: Dean C. Taylor, MD, *Duke University Medical Center*

7:50 am - 8:00 am	Leadership Development Education In Medical School, Residency, Fellowship <i>COL (Ret) Dean C. Taylor, MD, Duke University Medical Center</i>
8:00 am - 8:30 am	Panel Discussion - Medical Leadership in the 21st Century <i>Christopher Jones, MD, The Southeast Permanente Medical Group</i> <i>Norah Foster, MD, Duke University Medical Center</i> <i>Jonathan Godin, MD, The Steadman Clinic</i>
8:30 am - 8:40 am	Words Of Wisdom <i>COL (Ret) John A. Feagin Jr., MD, Jackson, WY</i>
8:40 am - 8:50 am	Discussion
8:50 am – 9:20 am	SOA Brunch Presentation *CME Credit Not Available

SYMPOSIUM 7: Pilon Fractures: Getting Through the Night

Moderator: Peter C. Krause, MD, *Louisiana State University Health Sciences Center*

9:20 am – 9:30 am	Temporizing Fixation: Do's and Don'ts <i>Peter C. Krause, MD, Louisiana State University Health Sciences Center</i>
9:30 am – 9:40 am	Open Fracture Debridement: How Clean Is Clean Enough? <i>Chet Deshpande, MD, Memorial University Medical Center</i>
9:40 am – 9:50 am	Antibiotic Therapy (IV and Local) <i>Kristoff Reid, MD, Medical University of South Carolina</i>
9:50 am – 10:00 am	Compartment Syndrome: Diagnosis And Management <i>Paul Gladden, MD, Tulane University</i>
10:00 am – 10:10 am	Soft Tissue Coverage/Management: When To Call The Plastic Surgeon? <i>Lawrence X. Webb MD, Mercer University School of Medicine/Navicent Medical Center</i>

10:10 am - 10:20 am Discussion

10:20 am – 10:45 am *Break – Please visit Exhibits*

GENERAL SESSION 8: BOC Report & Presidential Address

Moderator: Robert D. Zura, MD, *Louisiana State University Health Sciences Center*

10:45 am - 10:50 am **BOC Report**
Frederick C. Flandry, MD, FACS, The Hughston Clinic

10:50 am - 10:55 am **Introduction of Presidential Address**
Robert D. Zura, MD, Louisiana State University Health Sciences Center

10:55 am - 11:25 am **Presidential Address**
The Times They Are a-Changing: Be Prepared
Samuel I. Brown, MD, Sports Medicine and Orthopaedics Center

RAPID FIRE SESSION 9A: Trauma/Infection

Moderators: Mani D. Kahn, MD, , *Duke University*
Peter Krause, MD, *Louisiana State University Health Sciences Center*

11:30 am – 11:34 am Sliding Hip Screw Yields A Lower 30-Day Complication Rate Than Cephalomedullary Nail Fixation Of Intertrochanteric Hip Fractures
Rajeev Pandarinath, MD, The George Washington University

11:34 am – 11:38 am External Fixator Attachments For Reduction Of Lower Extremity Fractures And Dislocations
Charles Land, MD, Medical College of Georgia at Augusta University

11:38 am – 11:42 am Intraoperative External Fixator Attachment Use For Lower Extremity Fracture Reduction
Justin C. Kennon, MD, Medical College of Georgia at Augusta University

11:42 am – 11:47 am Discussion

11:47 am – 11:51 am Dual Plate Stabilization of Supracondylar Femur Fractures
Andrew Swentik, MD, Palmetto Health Richland Hospital

11:51 am – 11:55 am Incidence Of Nonunion And Malunion In Lower Extremity Fractures: Experience In South Carolina Over The Past 16 Years
Dane Daley, MD, Medical University of South Carolina

11:55 am – 11:59 am Complications And 30-Day Outcomes In Open And Closed Tibia Fractures
Evan J. Smith, MD, George Washington University

11:59 am – 12:03 pm Disparities In Follow-Up Care For Ballistic Long Bone Lower Extremity Fractures
Robert Runner, MD, Emory University

12:03 pm – 12:10 pm Discussion

RAPID FIRE SESSION 9B: Sports Medicine

Moderator: TBD

- 11:30 am – 11:34 am Arthroscopic Superior Capsule Reconstruction vs. Latissimus Dorsi Transfer: A Comparison of Early Clinical Outcomes
Jonathan A. Godin, MD, MBA, Steadman Philippon Research Institute
- 11:34 am – 11:38 am Strength Deficit Following Femoral vs. Adductor Canal Nerve Block For ACL Reconstruction
Robert Runner, MD, Emory University
- 11:38 am – 11:42 am Correlating Blumensaat's Line To Native ACL Length For Graft Length Determination In ACL Reconstruction
Patrick W. Joyner, MD, Naval Medical Center Portsmouth
- 11:42 am – 11:47 am Discussion
- 11:47 am – 11:51 am Platelet-Rich-Plasma Is An Equal Alternative To Operative Intervention In The Treatment Of Type I Medial Epicondylitis
Stephen Thon, MD, Tulane University
- 11:51 am – 11:55 am Open Subpectoral Biceps Tenodesis For Isolated Biceps Reflection Pulley Lesions: Minimum 2-Year Outcomes In A Young Patient Population
Alexander R. Vap, MD, Virginia Commonwealth University
- 11:55 am – 11:59 am Multi-Ligament Knee Injuries In Adolescents: A 2-Year Minimum Follow-Up Study
Jonathan A. Godin, MD, MBA, Steadman Philippon Research Institute
- 11:59 am – 12:03 pm Avoid Graft Tunnel Mismatch In Allograft Anterior Cruciate Ligament Reconstruction: The Blumensaat's Line Method
Patrick W. Joyner, MD, Naval Medical Center Portsmouth
- 12:03 pm – 12:10 pm Discussion

RAPID FIRE SESSION 9C: Pediatric/Total Joint/Foot & Ankle

Moderator: TBD

- 11:30 am – 11:34 am Flexible Nailing of the Pediatric Femur: Anatomic Considerations
Thomas Lucak, MD, Louisiana State University Health Sciences Center
- 11:34 am – 11:38 am Effect Of Femoral Stem Offset On Metal-On-Metal Implant Outcomes
Lindsay Kleeman, MD, Duke University
- 11:38 am – 11:42 am The Impact Of Myasthenia Gravis And Multiple Sclerosis On Total Hip Arthroplasty
Perez Agaba, BS, Duke University School of Medicine
- 11:42 am – 11:47 am Discussion

11:47 am – 11:51 am	Outcomes After Elmslie-Trillat Osteotomy Using A Minimally Invasive Technique <i>Ian Gao, MD, Emory University</i>
11:51 am – 11:55 am	Longitudinal Incision: A New Approach For Lateral Ankle Ligament Repair <i>Caleb Jones, BS, University of Alabama at Birmingham</i>
11:55 am – 11:59 am	Outcomes Of First Metatarsophalangeal Joint Fusion In Patients With Greater Than Fifteen Percent Intermetatarsal Angle: Is Lag Screw Essential? <i>Zachariah Pinter, BS, University of Alabama at Birmingham</i>
11:59 am – 12:03 pm	Calcaneal Osteotomy Safe-Zone To Prevent Neurological Damage: Fact Or Fiction? <i>Ashish Shah, MD, University of Alabama at Birmingham</i>
12:03 pm – 12:10 pm	Discussion

RAPID FIRE SESSION 9D: Spine/Basic Science

Moderators: Christopher A. Heck, MD, *Southern Orthopaedic Surgeons*
Lee R. Leddy, MD, *Medical University of South Carolina*

11:30 am – 11:34 am	Non-Operative Management Of Non-Displaced, Unilateral, Single Level, Sub-Axial Cervical Facet Fracture: A Retrospective Review Of A Single Institution <i>Keven Burns, MD, University of Oklahoma Health Science Center</i>
11:34 am – 11:38 am	Intra-Articular Saphenous Nerve Block For Total Knee Arthroplasty: MRI And Cadaveric Study <i>Joseph J. Kavolus, MD, MSCR, Duke University</i>
11:38 am – 11:42 am	How Common Are Outpatient Spinal Laminectomies? <i>Joseph L. Laratta, MD, The Spine Hospital at Columbia University Medical Center</i>
11:42 am – 11:47 am	Discussion
11:47 am – 11:51 am	Effect Of Femoral Head Size On The Force To Dislocation <i>Matthew Dietz, MD, West Virginia University School of Medicine</i>
11:51 am – 11:55 am	A Multicentered Prospective Randomized Controlled Trial of Negative Pressure Wound Therapy for Preoperatively Irradiated Soft Tissue Sarcoma Wounds - Early Results <i>Sophia Traven, MD, Medical University of South Carolina</i>
11:55 am – 11:59 am	Cost Implications Of Primary versus Revision Surgery In Adult Spinal Deformity <i>Rabia Qureshi, BS, University of Virginia</i>

11:59 am – 12:03 pm	The Epidemiology Of Cervical Spine Injuries In 25 NCAA Sports From 2004-2005 To 2013-2014 Academic Years <i>Allen Barnes Jr., BS, Palmetto Health University of South Carolina Orthopedic Group</i>
12:03 pm – 12:10 pm	Discussion
12:15 pm – 12:30 pm	Second Business Meeting
12:30 pm – 2:00 pm	Multimedia Education Session