



Southern Orthopaedic Association

35th Annual Meeting

July 11-14, 2018 ☀ The Breakers ☀ Palm Beach, FL



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President's Message

Welcome to SOA's 35th Annual Meeting at The Breakers!

Founded in 1896, and reopened in 1926 after a fire destroyed the original building, this historic resort was modeled after the magnificent Villa Medici in Rome. Even today, The Breakers would be considered an ambitious effort considering the 75 artisans brought in from Italy to assist in the 1926 renovation. Located within walking distance of the Atlantic Ocean, The Breakers is always a 'fan favorite' for attendees and their families.

Thank you to my partner at Washington University, and this year's Program Chair, Ryan Nunley, MD for creating an academic program that should raise the bar for years to come.

Richard Gelberman, MD is the 2018 Distinguished Southern Orthopedist. Having worked under Dr. Gelberman for 20 years, I can state unequivocally that no one in orthopaedic surgery is more deserving of this honor. To use a familiar sports vernacular, he is a true 'triple threat' excelling as an educator, researcher, and clinician. I cannot imagine many orthopedic surgeons in this county, and abroad, who have not been affected by his contributions to our specialty.

I am also honored that Hal Kushner, MD is our Presidential Guest Speaker. An ophthalmologist by training, Dr. Kushner has a unique story. As a young physician during the Vietnam War, he was held captive and tortured for over five years. The word "harrowing" does not do justice when describing his experiences. His story is a valuable reminder to future generations, so they know the cost of the liberty and freedom they enjoy today. He is one of several Americans who spoke about their brutal experience in the 10-part Ken Burns and Lynn Novick epic, The Vietnam War, which aired on PBS this past fall. I guarantee you will not want to miss his presentation.

Thank you for joining us. I look forward to seeing you this week!

Matthew Matava, MD
President, Southern Orthopaedic Association

Program Chair



Ryan M. Nunley, MD
St. Louis, MO
Washington University
School of Medicine

Presidential Guest Speaker



COL (Ret) Harold Kushner, MD
Daytona Beach, FL
Dying is Easy: Living is the Difficult Thing
Thursday, 10:05 am

Distinguished Southern Orthopaedist



Richard H. Gelberman, MD
St. Louis, MO
**Advances in the Treatment of
Fractures of the Radius**
Friday, 8:45 am

Summary of Events

See Scientific Program for times for all CME Activities

KEY

- 🕒 Activity/Tour
- ✦ Social Event
- ★ Special Presentation

WEDNESDAY, JULY 11

12:00 pm – 5:00 pm

Speaker Ready Area Gulfstream Room 5

12:00 pm – 5:00 pm

Meeting Registration Venetian Foyer (North)

12:00 pm – 5:00 pm

Exhibit Setup Venetian Ballroom

2:00 pm – 5:00 pm

SOA Board of Trustees Meeting Ponce de Leon 6

THURSDAY, JULY 12

6:00 am – 3:30 pm

Speaker Ready Area Gulfstream Room 5

6:00 am – 3:30 pm

Meeting Registration Venetian Foyer (North)

6:30 am – 3:30 pm

Technical Exhibits, Continental Breakfast, Coffee Breaks and Daily Drawing Venetian Ballroom

6:45 am – 7:00 am

First Business Meeting Mediterranean Ballroom

7:05 am – 3:30 pm

Scientific Sessions Mediterranean Ballroom

8:30 am – 10:00 am

✦ **Spouse/Guest/Children's Hospitality** Magnolia Room

Join old friends and new while enjoying a continental breakfast and learning about the history of The Breakers.

Price: Included in Registration Fee or \$40 per Unregistered Adult Guest / \$20 per Unregistered Child (5-17)

10:00 am – 10:05 am

★ **OREF Report** Mediterranean Ballroom
P. Joanne Ray, OREF CEO

10:05 am – 10:40 am

★ **Presidential Guest Speaker** Mediterranean Ballroom
COL (Ret) F. Harold Kushner, MD, FACS

10:15 am – 11:15 am

🕒 **Historian Tour of The Breakers** Meet in South Main Lobby
This exclusive tour takes you through the resort to learn the history and appreciate the grandeur of this century-old landmark. Along the way, learn stories about former guests and legends that have graced its halls.
Price: \$28 per person (minimum 20 people)

12:00 pm – 1:00 pm

★ **Focused Lunch Presentation** Mediterranean Ballroom
Johnson & Johnson Medical Devices Companies
Latest Trends in Orthopaedic Wound Management Solutions
Ryan M. Nunley, MD
*CME Credit Not Available

2:00 pm – 4:00 pm

★ **Surgical Care Affiliates Resident Symposium & Reception** Gold Room
Preparing for Practice in Today's Health Care Environment

6:15 pm – 7:00 pm

✦ **New Member Reception** Mediterranean Courtyard

All new SOA members are invited to attend this reception. The SOA Board and Committee Members would like to take this opportunity to welcome you to the SOA.

Attire: Resort Casual

Price: Included in Registration Fee

7:00 pm – 9:30 pm

✦ **Welcome Dinner** Ocean Lawn

Have a wonderful evening on the Ocean Lawn with delicious delicacies and drinks to be enjoyed overlooking the Atlantic Ocean.

Attire: Resort Casual

Price: Included in Registration Fee or \$100 per Unregistered Adult Guest / \$50 per Unregistered Child (5-17)

FRIDAY, JULY 13

6:00 am – 7:00 am

Regional and AAOS President's Breakfast Meeting with State Presidents and Board of Councilors Gold Room

6:00 am – 3:00 pm

Speaker Ready Area Gulfstream Room 5

6:00 am – 3:00 pm

Meeting Registration Venetian Foyer (North)

6:30 am – 3:00 pm

Technical Exhibits, Continental Breakfast, Coffee Breaks and Daily Drawing Venetian Ballroom

7:05 am – 3:00 pm

Scientific Sessions Mediterranean Ballroom

8:00 am – 8:30 am

★ **Focused Brunch Presentation** Mediterranean Ballroom
Smith & Nephew, Inc.

The Next Generation of Robotics: The Latest Updates with NAVIO Hand-held Robotics for UKA and TKA

James Comadoll, MD

*CME Credit Not Available

8:30 am – 8:45 am

★ **AAOS Report** Mediterranean Ballroom

8:30 am – 10:00 am

✦ **Spouse/Guest/Children's Hospitality** Magnolia Room

Join the expert animal handlers from Busch Wildlife Sanctuary as they bring Florida's wild creatures to you. You'll get to interact with American alligators, birds of prey and other Florida natives. Busch Wildlife Sanctuary is dedicated to the rescue, preservation and rehabilitation of Florida's wildlife.

Price: Included in Registration Fee or \$40 per Unregistered Adult Guest / \$20 per Unregistered Child (5-17)

8:45 am – 9:20 am

★ **Distinguished Southern Orthopaedist** Mediterranean Ballroom
Richard H. Gelberman, MD

10:15 am – 11:15 am

🕒 **Adult Golf Clinic** Meet in South Main Lobby

One-hour Golf Clinic covering the fundamentals of golf. Must wear golf attire (collared shirts, Bermuda shorts and sneakers).

Price: \$25 per person (Minimum 6 people)

Summary of Events

See Scientific Program for times for all CME Activities

KEY

- 🕒 **Activity/Tour**
- ✦ **Social Event**
- ★ **Special Presentation**

10:15 am – 12:15 pm

🕒 **Flora & Fauna at the Breakers** Meet in South Main Lobby
Heighten your senses through the unforgettable fragrances of jasmine, orchids, and honeysuckle. You will tour and learn about the many varieties of plants and flowers that grace the magnificent resort. You will also tour the resort's Herb Garden where the chefs select fresh herbs for the evening's meal.
Price: \$45 per person (Minimum 9 people)

11:20 am – 12:20 pm

🕒 **Children's Golf Clinic** Meet in South Main Lobby
One-hour Golf Clinic covering the fundamentals of golf. Must wear golf attire (collared shirts, Bermuda shorts and sneakers).
Price: \$25 per person (Minimum 6 people)

12:00 pm – 12:30 pm

★ **Focused Lunch Presentation** Mediterranean Ballroom
Flexion Therapeutics
Localized Treatment for Osteoarthritis of the Knee With a Novel Intra-Articular Formulation
Robert Kennon, MD
**CME Credit Not Available*

1:15 pm – 5:15 pm

🕒 **Deep Sea Fishing** Meet in South Main Lobby
You'll be fishing in Sailfish Alley, the closest point to the Gulf Stream in Florida. Be on the lookout for Kingfish, Wahoo, Pompano, Dolphin, Amberjack and Sailfish. Dry snacks, beer, soda and water included. *Eat lunch during the Focused Lunch Presentation
Price \$355 per person (Minimum 6 people)

1:30 pm – 3:00 pm

★ **Resident & New in Practice Symposium**
Gulfstream Rooms 1 & 2

3:00 pm – 4:00 pm

★ **SOA Councilors Meeting** Gold Room

5:30 pm – 7:30 pm

✦ **Exhibitor Reception** Venetian Ballroom
Before you go to dinner, start your evening off with drinks and hors d'oeuvres with SOA.
Attire: Business Casual
Price: Included in Registration Fee or \$75 per Unregistered Adult Guest

5:30 pm – 7:30 pm

✦ **Kids' Movie Party with Arts & Crafts** Gulfstream Rooms 3 & 4
While your parents are at the Exhibitor Reception, enjoy dinner and crafts or a movie with your friends. Children younger than 5 must be accompanied by an adult. This is not a babysitting service and is provided **only** for parents attending the Exhibitor Reception. Children must be registered.
Price: Included in Registration Fee or \$25 per Unregistered Child (5-17 years)

SATURDAY, JULY 14

6:00 am – 2:35 pm

★ **Speaker Ready Area** Gulfstream Room 5

6:30 am – 2:35 pm

★ **Meeting Registration** Venetian Foyer (North)

6:45 am – 2:35 pm

★ **Technical Exhibits, Continental Breakfast, Coffee Breaks and Daily Drawing** Venetian Ballroom

7:00 am – 7:15 am

★ **Second Business Meeting** Mediterranean Ballroom

7:20 am – 2:35 pm

★ **Scientific Sessions** Mediterranean Ballroom

8:30 am – 9:00 am

★ **Focused Brunch Presentation** Mediterranean Ballroom
Surgical Care Affiliates
Reimbursement & Value-Based Payment Strategy
Tracy Soult
**CME Credit Not Available*

8:30 am – 10:00 am

✦ **Spouse/Guest/Children's Hospitality** Magnolia Room
CSR - Community Social Responsibility project: hygiene bags. Enjoy a continental breakfast while we build hygiene kits to donate to a shelter. Hygiene kits are a great way to back to our local communities in an affordable, mobile, fun way.
Price: Included in Registration Fee or \$40 per Unregistered Adult Guest / \$20 per Unregistered Child (5-17)

10:30 am – 11:05 am

★ **Presidential Address** Mediterranean Ballroom
Matthew J. Matava, MD

12:30 pm – 3:30 pm

🕒 **Food Tour** Meet in South Main Lobby
Expect a delicious combination of food, history, culture and fun! Eat, drink and discover delicious Downtown West Palm Beach. The unique, small tour experience is designed to connect guests with local foods and the chefs who prepare them. Food Tourism is currently the #1 trend in travel, so join the tour and find out what all the buzz is about! One mile of easy walking with plenty of air-conditioned stops along the way.
Price: \$75 per person (Minimum 10 People)
Additional \$15 per person for Cocktail Package

7:00 pm – 11:00 pm

✦ **Gala Dinner Dance** Venetian Ballroom
Dinner will be an event to remember with a delicious meal, good company, and wonderful music.
Attire: Jacket and Tie
Price: Included in Registration Fee or \$150 per Unregistered Adult Guest; \$75 Surcharge per Registered Child (5-17 years)

7:00 pm – 11:00 pm

✦ **Kids' Movie Party with Arts & Crafts** Gulfstream Rooms 3 & 4
While your parents are at the Gala Dinner Dance, enjoy dinner and crafts or a movie with your friends. Children younger than 5 must be accompanied by an adult. This is not a babysitting service and is provided **only** for parents attending the Gala Dinner. Children must be registered.
Price: Included in Registration Fee or \$25 per Unregistered Child (5-17 years)

Scientific Program

Mediterranean Ballroom, Unless Otherwise Specified

Please check the Meeting App for room, time and speaker changes.

CME ACCREDITATION

The American Academy of Orthopaedic Surgeons designates this live activity for a maximum of **25 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

*17.25 CME Credits for Scientific Program

*4.75 CME Credits for Scientific E-Poster Sessions

*3 CME Credits for Multimedia Education Sessions

To ensure correct CME credit is awarded go online to **www.soaasn.org** to complete the CME Credit Record Forms, indicating the Sessions you attended at the SOA 2018 Annual Meeting. CME Certificates will be awarded to all registered participants.

THURSDAY, JULY 12

6:00 am **Scientific E-Poster Session** Gulfstream Rooms 1, 2, 3 & 4
Presenters will be available to answer questions.

6:45 am **First Business Meeting**

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

General Session 1 – Abstract Presentations

Moderators: Ryan M. Nunley, MD, Washington University School of Medicine & Samuel I. Brown, MD, Sports Medicine and Orthopaedics Center

7:05 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 N. Gurbani, MD, MPH, University of Texas Medical Branch

7:11 am **Harley & Betty Baxter Resident Award**
Artificial Disc Replacement Adjacent to a Multilevel Fusion in the Cervical Spine: A Biomechanical Study
Dale N. Segal, MD, Emory University

7:17 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 J. Donnelly III, MD, University of Miami / Jackson Memorial Hospital

7:23 am **SOA/OREF Resident Award**
Are Routine Postoperative CT Scans Warranted for All Patients After Operative Fixation of Pelvic Ring Injuries?
Kevin J. Cronin, MD, University of Kentucky

7:29 am **SOA/OREF Resident Award**
Arthroscopic and Open/Mini-Open Rotator Cuff Repair: Practice Trend and Complication rates. An Evaluation of the American Board of Orthopaedic Surgeons Step II Examinees (2007-2017)
Blane Kelly, MD, Virginia Commonwealth University

7:35 am Discussion

7:50 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
*Presented by Lucas Goss, BS

7:56 am **SOA Resident Travel Grant Award**
National Cost of Orthopaedic Care for Non-Fatal Gunshot Wounds
Samuel Rosas, MD, Wake Forest School of Medicine

8:02 am Release of Tibialis Posterior Muscle Osseofascial Sheath for Exertional Compartment Syndrome: Impact on Long-term Results
Adam Boissonneault, MD, Emory University

8:08 am Opioid Consumption after Knee Arthroscopy
Robert Wojahn, MD, Washington University
*Presented by Matthew J. Matava, MD

8:14 am Are Radiographs in the Recovery Room Following Total Hip Arthroplasty Cost-Effective Compared to Intra-Operative Fluoroscopy?
Stephen T. Duncan, MD, University of Kentucky

8:20 am Discussion

8:35 am Break – Please Visit Exhibits Venetian Ballroom

Rapid Fire Session 2A: Foot & Ankle Gulfstream Room 1
Moderators: William K. McKibbin, MD, University Orthopaedic Clinic, Tuscaloosa & Robert S. Adelaar, MD, Medical College of Virginia

8:55 am A 27 Year Meta-Analysis of Ankle Arthroplasty
Christopher E. Gross, MD, Medical University of South Carolina

8:59 am Postoperative Infection in Foot & Ankle Surgery: Does Season Matter?
Samuel R. Huntley, BS, University of Alabama at Birmingham
*Presented by Alan Hsu, BS

9:03 am HTX-011 Reduces Acute Pain and Opioid Consumption Following Unionectomy
Douglas E. Lucas, DO, Mercy Orthopedic Associates
*Presented by Sanjay Patel, PhD

9:07 am Discussion

9:15 am Projections for Total Ankle Arthroplasty Based Upon the National Inpatient Sample
Justin Rabinowitz, MD, Medical University of South Carolina
*Presented by Elizabeth C. Durante, BA, BS

9:19 am Is Interposition Arthroplasty a Viable Treatment Option for Hallux Rigidus?
Ashish Shah, MD, University of Alabama at Birmingham

9:23 am An Updated Meta-Analysis of Ankle Fusions and Third Generation Ankle Replacements
Christopher E. Gross, MD, Medical University of South Carolina
*Presented by Elizabeth C. Durante, BA, BS

Scientific Program

Mediterranean Ballroom, Unless Otherwise Specified

Please check the Meeting App for room, time and speaker changes.

- 9:27 am Discussion
- 9:35 am Incidence of Venous Thromboembolism in Foot and Ankle Surgeries
[Ashish Shah, MD, University of Alabama at Birmingham](#)
- 9:39 am Outcome Analysis of Distal Chevron and Akin Osteotomy for Hallus Valgus Correction: A Retrospective Study
[Anna Johnson, MD, University of South Alabama](#)
- 9:43 am Projections for Ankle Arthrodesis Based upon the National Inpatient Sample
[Justin Rabinowitz, MD, Medical University of South Carolina](#)
*Presented by Elizabeth C. Durante, BA, BS
- 9:47 am Discussion

Rapid Fire Session 2B: Basic Science/Outcomes Gulfstream Room 2
Moderators: [Richard H. Gelberman, MD, Washington University School of Medicine](#) & [Ryan M. Nunley, MD, Washington University School of Medicine](#)

- 8:55 am Nerve Allograft Decellularization and Oxidation
[Daniel Lara, MD, Wake Forest School of Medicine](#)
- 8:59 am Autologous Chondrocyte Grafting as an Alternative to Iliac Crest in Posterolateral Spinal Fusion
[J. Patton Robinette, BA, Vanderbilt University School of Medicine](#)
- 9:03 am Burn-Induced Osteoporosis and Muscle Calcification: Are These Related Complications?
[Samuel L. Posey, BS, Vanderbilt University School of Medicine](#)
- 9:07 am Discussion
- 9:14 am Resident Operative Reports: The Need for Education
[Niall A. Smyth, MD, University of Miami](#)
*Presented by Arjun Meiyappan, MD
- 9:18 am Orthopaedic Resident Remediation: Frequency, Interventions, and Outcomes
[William Melton, MD, Palmetto Health - University of South Carolina Orthopaedic Center](#)
- 9:22 am Microbiological Analysis Before and After Decontamination of Thyroid Shields
[Chihua Lee, MD, Naval Medical Center Portsmouth](#)
*Presented by Patrick W. Joyner, MD
- 9:26 am Discussion
- 9:32 am Wasted Disposable Supplies in the Orthopaedic Surgery Operating Rooms
[Carter Devlin, BS, Jack Hughston Memorial Hospital](#)
- 9:36 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](#)
- 9:40 am Marijuana Use and Mortality following Orthopedic Surgical Procedures
[Sameer M. Naranje, MD, University of Alabama at Birmingham](#)
- 9:44 am Increased Operating Room Turnover Time: Should We Stop Blaming Anesthesia?
[Matthew S. Broggi, MS, Medical College of Georgia](#)
*Presented by Christopher Staley, BS

- 9:48 am Discussion

Rapid Fire Session 2C: Total Hip Gulfstream Room 3
Moderators: [Andrew A. Shinar, MD, Vanderbilt University School of Medicine](#) & [Brian A. Jewett, MD, Slocum Center for Orthopedics and Sports Medicine](#)

- 8:55 am At What Cost is Dual Mobility a Cost-effective Treatment Option During the First 90 days after Primary Total Hip Arthroplasty?
[Stephen T. Duncan, MD, University of Kentucky](#)
- 8:59 am Operative Time, Early Joint Infection, and DVT in Primary THA
[Sameer M. Naranje, MD, University of Alabama at Birmingham](#)
- 9:03 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 A. Romero, MD, University of Texas Southwestern Medical Center](#)
*Presented by Sean Shahrestani, MD
- 9:07 am Preoperative Smoking Cessation: A Durable Form of Long-Term Cessation
[Jacob C. Balmer, BS, Medical University of South Carolina](#)
- 9:11 am Discussion
- 9:15 am Albumin versus ASA Stratifies Preoperative Risks in Total Hip Arthroplasty
[Cierra S. Hong, BA, Duke University School of Medicine](#)
- 9:19 am The Role of Early and Late Revision in Metal-on-Metal Total Hip Arthroplasty
[Lindsay T. Kleeman, MD, Duke University School of Medicine](#)
*Presented by Sean P. Ryan, MD
- 9:23 am Is the Practice of Overlapping Surgery Safe in Total Knee and Hip Arthroplasty?
[Ahmed Alamansoori, MBBS, Cleveland Clinic Florida](#)
- 9:27 am Nasal Decolonization with Alcohol Based Sanitizer is Effective at Preventing Surgical Site Infection Following Total Joint Arthroplasty
[Phillip A. Bostian, MD, West Virginia University](#)
- 9:31 am Discussion
- 9:35 am Outcome of THA in HIV Patients Managed with Contemporary Protocols
[Michael H. Huo, MD, Houston Methodist Hospital](#)
*Presented by Sean Shahrestani, MD
- 9:39 am Accuracy of Preoperative Implant Sizing and Positioning Using 3D Preplanning Software for Robotic-Assisted Total Hip Arthroplasty
[Samrath Bhimani, MD, University of Louisville](#)
- 9:43 am Complications and Costs are Higher in Medicare Hemophiliacs After THA
[Samuel Rosas, MD, Wake Forest School of Medicine](#)
- 9:47 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](#)
- 9:51 am Discussion

Scientific Program

Mediterranean Ballroom, Unless Otherwise Specified

Please check the Meeting App for room, time and speaker changes.

Rapid Fire Session 2D: Trauma Gulfstream Room 4

Moderators: Eric S. Moghadamian, MD, University of Kentucky Medical Center & Langdon A. Hartsock, MD, Medical University of South Carolina

- 8:55 am Primary Intramedullary Nailing of Open Tibia Fractures Due to Low Velocity Gunshots: Does Operative Debridement Increase Infection Rates?
Chester J. Donnally III, MD, University of Miami / Jackson Memorial Hospital
*Presented by Augustus J. Rush III, MD
- 8:59 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
- 9:03 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
- 9:07 am Reoperation Rate in a Cohort of Operatively Treated Unstable Pelvic Ring Injuries
Kevin J. Cronin, MD, University of Kentucky
- 9:11 am Discussion
- 9:15 am Anterolateral Distal Tibia Locking Plate Osteosynthesis and Their Ability to Capture OTAC3 Pilon Fragments
Boshen Liu, MD, University of Kentucky
- 9:19 am Incidence of Postoperative Complications in Patients with Traumatic Open Fractures
Russell A. Reeves, MD, Medical University of South Carolina
- 9:23 am It's Heating Up: Orthopaedic Trauma Consult Volume is Significantly Correlated with Daily Weather
Jacob Wilson, MD, Emory University
- 9:27 am Trends in the Surgical Treatment of Femoral Neck Fractures in Elderly
Sameer M. Naranje, MD, University of Alabama at Birmingham
- 9:31 am Discussion
- 9:35 am Air Travel and Thromboembolic Events After Orthopedic Surgery: Where are We and Where Do We Need to Go?
Chester J. Donnally III, MD, University of Miami / Jackson Memorial Hospital
*Presented by Dhanur Damodar, MD
- 9:39 am Retrospective Review of Percutaneous Screw Fixation for Superior Ramus fractures: Predictive Factors for Failure
Boshen Liu, MD, University of Kentucky
- 9:43 am A Simplified Technique for Placing Retrograde Superior Ramus Screws
Robert B. Simpson Jr., MD, Hughston Trauma at Ft Walton Beach
- 9:47 am Relationship of Neurovascular Structures to Multiplanar Distal Interlocking Screws in an Intramedullary Humeral Nail: An Anatomic Study
Raymond Steinmetz, MD, University of Oklahoma
*Presented by Jonathan L. Tobey, MD
- 9:51 Discussion

General Session 3: OREF Report and Presidential Guest Speaker

Moderator: Matthew J. Matava, MD, Washington University School of Medicine

- 10:00 am OREF Report
P. Joanne Ray, CEO Orthopaedic Research and Education Foundation
- 10:05 am Introduction of Presidential Guest Speaker
Matthew J. Matava, MD, Washington University School of Medicine
- 10:10 am **Presidential Guest Speaker**
Dying is Easy: Living is the Difficult Thing
COL (Ret) F. Harold Kushner, MD, FACS, Daytona Beach, FL
- 10:40 am Break – Please Visit Exhibits Venetian Ballroom**
- Symposium 1: Hot Topics in Orthopaedic Trauma Surgery**
Moderator: Steven M. Cherney, MD, University of Arkansas Medical School
- 11:00 am 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
Lisa K. Cannada, MD, Saint Louis University School of Medicine
- 12:00 pm **Focused Lunch Presentation** *CME Credit Not Available
Johnson & Johnson Medical Devices Companies
Latest Trends in Orthopaedic Wound Management Solutions
Ryan M. Nunley, MD
- Symposium 2: Football Injuries from High School to the NFL**
Moderator: Matthew J. Matava, MD, Washington University School of Medicine
- 1:00 pm Overview of the Medical Issues Surrounding Football and Epidemiology of Injury
Matthew J. Matava, MD, Washington University School of Medicine
- 1:10 pm Football Injuries at the Collegiate Level
Jeffrey A. Guy, MD, University of South Carolina School of Medicine
- 1:20 pm My Top Five Football Injuries and How I Treat Them
Darren L. Johnson, MD, University of Kentucky Sports Medicine
- 1:30 pm Engineering Roadmap for Improved Protection in Football
Jeff R. Crandall, University of Virginia
- 1:40 pm Discussion and Questions
- 2:00 pm **SOA's Round Table Discussions** **Magnolia Room**
ACL Surgery: Tips and Tricks for a Successful Outcome with Case Examples
Darren L. Johnson, MD, University of Kentucky Sports Medicine
- 2:00 pm **Surgical Care Affiliates Resident Symposium & Reception**
Gold Room
Preparing for Practice in Today's Healthcare Environment
Ryan M. Nunley, MD, Washington University School of Medicine & Coleman D. Fowble, MD, Midlands Orthopaedic & Neurosurgery

Scientific Program

Mediterranean Ballroom, Unless Otherwise Specified

Please check the Meeting App for room, time and speaker changes.

3:30 pm **Scientific E-Poster Session** Gulfstream Rooms 1, 2, 3 & 4
Presenters are available to answer questions.

4:30 pm **Multimedia Education Session** Gulfstream Room 5

FRIDAY, JULY 13

6:00 am **Scientific E-Poster Session** Gulfstream Rooms 1, 2, 3 & 4
Presenters will be available to answer questions.

7:00 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 Title TBD
Speaker TBA

7:15 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 Title TBD
Speaker TBA

7:35 am Title TBD
Gregory G. Polkowski, MD, MSc, Vanderbilt University School of Medicine

7:45 am Discussion and Questions

8:00 am **Focused Brunch Presentation** *CME Credit Not Available
Smith & Nephew, Inc.
The Next Generation of Robotics: The Latest Updates with NAVIO Hand-Held Robotics for UKA and TKA
James Comadoll, MD

General Session 4: AAOS Report & Distinguished Southern Orthopaedist

Moderator: Matthew J. Matava, MD, Washington University School of Medicine

8:30 am **AAOS Report**
David A. Halsey, MD, AAOS President, Martha's Vineyard Orthopaedics

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

8:50 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 **Break – Please Visit Exhibits** Venetian Ballroom

Rapid Fire Session 5A: Trauma Gulfstream Room 1
Moderators: Steven M. Cherney, MD, University of Arkansas Medical School & Lisa K. Cannada, MD, Saint Louis University School of Medicine

9:40 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 Timing of Fixation for Distal Radius Fractures
Samuel H. Klatman, MD, LSU Health Sciences Center

9:48 am An Elevated Metrorail as a Source of Orthopedic Injuries and Death at a Level-I Trauma Center
Chester J. Donnally III, MD, University of Miami / Jackson Memorial Hospital
*Presented by Paul R. Allegra, MD

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

9:56 am Discussion

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

10:04 am Supine Positioning for Proximal Humerus ORIF using Arthroscopic Shoulder Distractor
Cody L. Hightower, MD, Palmetto Health Richland

10:08 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 Cost Comparison of Traditional External Fixation versus Posterior Frame Constructs
Robert B. Simpson Jr., MD, Hughston Trauma at Ft Walton Beach

10:16 am Discussion

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

10:24 am Proximal Humerus Fractures Managed with an Intramedullary Cage
Josh Hudgens, MD, Johns Hopkins University
*Presented by Paul Ragusa, DO

10:28 am The Fallen Leaf Sign Radiographic Finding Predicts Moore-Type Proximal Tibial Fractures
Robert B. Simpson Jr., MD, Hughston Trauma at Ft Walton Beach

10:32 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 Discussion

Rapid Fire Session 5B: Shoulder Gulfstream Room 2
Moderators: Scott D. Mair, MD, University of Kentucky Sports Medicine & Christopher R. Jones, MD, Kaiser Permanente of Georgia

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

9:44 am Comparing Surgeon Performance of Rotator Cuff Repair: Risk Adjustment
Michael J. Kissenberth, MD, Steadman Hawkins Clinic of the Carolinas

9:48 am Does Tuberosity Healing Affect the Biomechanics Of Reverse Shoulder Arthroplasty?
Diego Lima, MD, Cleveland Clinic Florida
*Presented by Matthew Stankard, BS

Scientific Program

Mediterranean Ballroom, Unless Otherwise Specified

Please check the Meeting App for room, time and speaker changes.

- 9:52 am 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](#)
- 9:56 am Discussion
- 10:00 am Pre-Operative Opioid Use Among Shoulder Arthroplasty Patients Predicts Post-Operative Use
[Derek D. Berglund, MD, Holy Cross Orthopedic Institute](#)
*Presented by [Dragomir Mijic, DO](#)
- 10:04 am Does the Use of Tranexamic Acid Decrease Transfusion Rates in High-Risk Shoulder Arthroplasty?
[Adetayo Lawal, MD, University of Florida](#)
- 10:08 am Does Tuberosity Augmentation Improve the Biomechanics of Reverse Shoulder Arthroplasty?
[Diego Lima, MD, Cleveland Clinic Florida](#)
*Presented by [Ahmed Almansoori, MBBS](#)
- 10:12 am Does Having Prior Rotator Cuff Surgery Affect Outcomes in Reverse Shoulder Arthroplasty?
[Maharsh Patel, MD, University of Florida](#)
*Presented by [Kevin W. Farmer, MD](#)
- 10:16 am Discussion
- 10:20 am The Impact of Preoperative Opioid Use on Outcomes after Arthroscopic Rotator Cuff Repair
[Diego Lima, MD, Cleveland Clinic Florida](#)
*Presented by [Danielle L. Malone, MPH](#)
- 10:24 am Incidence and Risk Factors for Aseptic Glenoid Baseplate Loosening in Reverse Total Shoulder Arthroplasty
[Alexander Bitzer, MD, Johns Hopkins Hospital](#)
- 10:28 am How Orthopaedic Surgeons Can Impact Narcotic Dependence in TSA Patients
[Kiran Chatha, MD, Cleveland Clinic Florida](#)
- 10:32 am Validity and Responsiveness of Single Alpha-Numeric Evaluation for Shoulder Patients
[Michael J. Kissenberth, MD, Steadman Hawkins Clinic of the Carolinas](#)
- 10:36 am Discussion

Rapid Fire Session 5C: Sports Medicine Gulfstream Room 3

Moderators: [Darren L. Johnson, MD, University of Kentucky Sports Medicine](#) & [Brian C. Werner, MD, University of Virginia School of Medicine](#)

- 9:40 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 Synovitis Associated with Joint Space Narrowing and Cartilage Degeneration for those With Femoroacetabular Impingement
[Ifeyanyi Nzegwu, MD, University of Kentucky](#)
- 9:48 am Increased Complication Rates After Knee Arthroscopy in Patients With Obstructive Sleep Apnea
[Aaron Casp, MD, University of Virginia](#)
- 9:52 am The Economic Impact of Reported Concussion Injuries in Major League Baseball
[Kiran Chatha, MD, Cleveland Clinic Florida](#)
- 9:56 am Discussion
- 10:00 am Medial Tibial Slope Is Not Associated with Primary or Recurrent ACL Tears
[Matthew J. Matava, MD, Washington University School of Medicine](#)

- 10:04 am Incidence of UCL Surgery in Collegiate Baseball Players
[Marcus A. Rothenmich, MD, American Sports Medicine Institute](#)
- 10:08 am Pre-Operative Shoulder Injections are Associated with Rotator Cuff Repair Failure
[Aaron Casp, MD, University of Virginia](#)
- 10:12 am Performance Metrics and Economics of SLAP Tears In Major League Baseball Pitchers
[Ahmed Almansoori, MBBS, Cleveland Clinic Florida](#)
- 10:16 am Discussion
- 10:20 am Impact of Femoroacetabular Impingement Bony Abnormalities on Chondrolabral Injury
[Thomas J. Ergen, MD, Palmetto Health - Univeristy of South Carolina Orthopaedic Center](#)
- 10:24 am Surgeon Agreement on the Presence of Instability Associate Pathology on Shoulder Imaging Studies
[Ryan Koehler, MD, MS, Vanderbilt University](#)
*Presented by [Charles L. Cox, MD](#)
- 10:28 am Acetabular Labral Tear Dimensions and Quantity of Suture Anchors Required for Repair
[Matthew J. Pacana, MD, Palmetto Health - University of South Carolina Orthopaedic Center](#)
*Presented by [Adam Money, MD](#)
- 10:32 am Anterior Cruciate Ligament with Bone Patellar Tendon Bone Technique Does Not Cause Functional Anterior Knee Pain
[Brian M. Godshaw, MD, Ochsner Clinic Foundation](#)
*Presented by [Connor A. Ojard, MD](#)
- 10:36 am Discussion

Rapid Fire Session 5D: Total Knee Gulfstream Room 4

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 Accuracy of Intraoperative Robotic-Arm Assisted Unicompartmental Knee Replacement Coronal Alignment with Standing Long Leg Postoperative Alignment
[Martin Roche, MD, Holy Cross Hospital](#)
*Presented by [Rushabh M. Vakharia, MD](#)
- 9:44 am Albumin versus ASA Score: Predicting Complications Following Total Knee Arthroplasty
[Michael A. Bergen, BS, Duke University School of Medicine](#)
- 9:48 am Comparing Influencing Patient Factors for 90-Readmission Between Medicare and Private Payor Patients
[Claire B. Howell, BS, Duke University School of Medicine](#)
- 9:52 am Anti-Fibrinolytics are Dosed Inappropriately in Joint Replacement Surgery
[Alexander A. Hysong, BA, Vanderbilt University School of Medicine](#)
*Presented by [Jonathan G. Schoenecker, MD, PhD](#)
- 9:56 am Discussion
- 10:00 am Risk Factors for 30-Day Readmission Following Total Knee Arthroplasty
[Sameer M. Naranje, MD, University of Alabama at Birmingham](#)
- 10:04 am Do Corticosteroids Blunt the Peri-Operative Acute Phase Response After Total Knee Arthroplasty?
[Adam Brekke, MD, Vanderbilt Orthopaedic Institute](#)
- 10:08 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](#)

Scientific Program

Mediterranean Ballroom, Unless Otherwise Specified

Please check the Meeting App for room, time and speaker changes.

- 10:12 am Accuracy of Tibial Slope Estimation in Total Knee Arthroplasty
Connor A. Ojard, MD, Ochsner Clinic Foundation
- 10:16 am Discussion
- 10:20 am Does Robotic Assisted Surgery Improve Early Outcome in Total Knee Arthroplasty?
Samrath Bhimani, MD, University of Louisville
- 10:24 am Outcomes of Articulating Spacers With Autoclaved Femoral Components in Total Knee Arthroplasty Infection
Daniel E. Goltz, BS, Duke University
*Presented by Sean P. Ryan, MD
- 10:28 am Time-to-Surgery and Short-Term Clinical Outcomes in Periprosthetic Knee Fractures
Sameer M. Naranje, MD, University of Alabama at Birmingham
- 10:32 am Complications After Total Joint Arthroplasty in Patients Undergoing Peritoneal Dialysis
Aaron Casp, MD, University of Virginia
- 10:36 am Discussion

10:40 am Break – Please Visit Exhibits Venetian Ballroom

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 Introduction to the Orthopaedic Bariatric Patient
James A. Keeney, MD, University of Missouri School of Medicine
- 11:05 am Bariatric Surgery Timing and Outcomes
Ryan M. Nunley, MD, Washington University School of Medicine
- 11:20 am No Limits – Reducing Infection Risk in the Obese Patient
Lucian C. Warth, MD, Indiana University School of Medicine
- 11:35 am Reducing Late Complication Risks in the Obese Patient
James A. Keeney, MD, University of Missouri School of Medicine
- 11:50 am Discussion and Questions
- 12:00 pm **Focused Lunch Presentation** *CME Credit Not Available
Flexion Therapeutics
Localized Treatment for Osteoarthritis of the Knee With a Novel Intra-Articular Formulation
Robert Kennon, MD

Symposium 5: Ask the Experts: Peri-Operative Management of the Total Joint Patient

Moderator: Javad Parvizi, MD, FRCS, Rothman Institute at Thomas Jefferson University

12:30 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 C. Warth, MD, Indiana University School of Medicine
Andrew A. Shinar, MD, Vanderbilt University School of Medicine
- 1:30 pm **SOA's Round Table Discussions** Magnolia Room
Shoulder Arthroscopy: Tips and Tricks for a Successful Outcome with Case Examples
Scott D. Mair, MD, University of Kentucky Sports Medicine

Resident & New in Practice Symposium: Young Practitioner Forum on How to Get Started and Succeed

Gulfstream Rooms 1 & 2
Moderators: Lisa K. Cannada, MD, Saint Louis University School of Medicine & Ryan M. Nunley, MD, Washington University School of Medicine

- 1:30 pm **Panel Discussion and Small Group Round Tables**
Faculty and Medical Students / Residents / Fellows / Early Career Orthopaedists

- 3:00 pm **Scientific E-Poster Session** Gulfstream Rooms 1, 2, 3 & 4
Presenters are available to answer questions.

- 4:00 pm **Multimedia Education Session** Gulfstream Rooms 1, 2, 3 & 4

SATURDAY, JULY 14

- 6:00 am **Scientific E-Poster Session** Gulfstream Rooms 1, 2, 3 & 4
Presenters are available to answer questions.

- 7:00 am Second Business Meeting

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

General 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 **SOA Presidents' Resident Award**
Consumer Prices for Surgical Management of Ankle Arthritis
Niall A. Smyth, MD, University of Miami
- 7:26 am **SOA Resident Travel Grant Award**
Periprosthetic Ankle Fractures: Developing an Algorithm for Management
Alexander L. Lazarides, MD, Duke University Medical Center
- 7:32 am **SOA Resident Travel Grant Award**
Intra-Operative Surgical Light Movement is a Potential Source of Sterile Field Contamination
Jose A. Romero, MD, University of Texas Southwestern Medical Center
- 7:38 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
- 7:44 am **Virginia Orthopaedic Society Award Winner**
Understanding and Perceptions of Overlapping Surgery Among Orthopaedic Trauma Patients
Cody L. Evans, MD, University of Virginia
*Presented by Aaron Casp, MD
- 7:50 am Discussion
- 8:00 am Thresholds in Percentage of Maximal Outcome Improvement Following Shoulder Arthroplasty
Derek D. Berglund, MD, Holy Cross Orthopedic Institute
*Presented by Dragomir Mijic, DO

- 8:06 am A Higher Altitude is an Independent Risk Factor for Venous Thromboembolism following Total Hip Arthroplasty
Dhanur Damodar, MD, University of Miami
- 8:12 am Reduction of Hip Arthroscopy Post-Operative Pain Using Ultrasound-Guided Fascia-Iliaca Block: A Prospective Randomized Control Trial
John L. Glomset, MD, Steadman Hawkins Clinic of the Carolinas
- 8:18 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
*Presented by Rushabh M. Vakharia, MD

- 8:24 am Discussion

- 8:30 am **Focused Brunch Presentation** *CME Credit Not Available
Surgical Care Affiliates
Reimbursement & Value-Based Payment Strategy
Tracy Soult

Scientific Program

Mediterranean Ballroom, Unless Otherwise Specified

Please check the Meeting App for room, time and speaker changes.

Symposium 6: Management of the Throwing Athlete

Moderator: Scott D. Mair, MD, University of Kentucky Sports Medicine

- 9:00 am Introduction of Speakers
Scott D. Mair, MD, University of Kentucky Sports Medicine
- 9:05 am Title TBD
Speaker TBA
- 9:15 am Anterior Instability in the Throwing Athlete
Christopher R. Jones, MD, Kaiser Permanente of Georgia
- 9:25 am The Role of the Hips in the Throwing Athlete
Kevin W. Farmer, MD, University of Florida Orthopaedics and Sports Medicine Institute
- 9:35 am Title TBD
Brian C. Werner, MD, University of Virginia School of Medicine
- 9:45 am Discussion and Questions

9:55 am Break – Please Visit Exhibits Venetian Ballroom

General Session 7: BOC Report and Presidential Address

Moderator: Ryan M. Nunley, MD, Washington University School of Medicine

- 10:20 am **BOC Report**
Frederick C. Flandry, MD, FACS, The Hughston Clinic
- 10:30 am Introduction of Presidential Address
Ryan M. Nunley, MD, Washington University School of Medicine
- 10:35 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 Practical Tips for Opioid Management by the Orthopaedic Surgeon
Simon Mears, MD, University of Arkansas Medical School
- 11:20 am Cleveland Clinic Narcotic Free Program: How to Better Manage Our Patients
Carlos Higuera Rueda, MD, Cleveland Clinic Florida
- 11:35 am Title TBD
Speaker TBD
- 11:55 am Discussion and Questions

Rapid Fire Session 8A: Hand/Upper Extremity

Gulfstream Room 1

Moderators: Richard H. Gelberman, MD, Washington University School of Medicine & Vincent D. Pellegrini Jr., MD, Medical University of South Carolina

- 12:05 pm Comparison of Cosmesis and Cost with Absorbable versus Non-Absorbable Closure in Minor Hand Surgery
David A. Barcel, MD, Medical University of South Carolina
- 12:09 pm The Effect of Topical Anesthetic on Sterility for Local Injections of the Hand
Jacob Braunstein, MD, Medical University of South Carolina
*Presented by Ian A. Backlund, MD
- 12:13 pm Reducing Cost by Using a Smaller Tray in Hand Surgery
Philip Kim, MD, PharmD, Medical University of South Carolina
- 12:17 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
- 12:21 pm Discussion

- 12:25 pm Incidence, Prevalence, and Treatment Trends of Radial Tunnel Syndrome
William Melton, MD, Palmetto Health - Univeristy of South Carolina Orthopaedic Center
- 12:29 pm Effectiveness of Amnion Fluid Injection in Treatment of Trigger Finger
Michael T. Quinet, BS, Augusta University / University of Georgia Medical Partnership
- 12:33 pm Correlation of Multiple Patient Reported Outcome Measures Across Follow-Up in Patients Undergoing Primary Shoulder Arthroplasty
Martin Laguerre, MPH, University of Florida
- 12:37 pm The Normalized Constant Score Strongly Correlates with PRO Measures Following Primary Shoulder Arthroplasty
Rowan Michael, MD, University of Florida
*Presented by Martin Laguerre, MPH
- 12:41 pm Discussion
- 12:45 pm Flexor Tenosynovectomy for Recurrent Carpal Tunnel Syndrome: A Case Series of 108 Hands
Chase T. Kluemper, MD, University of Tennessee College of Medicine Chattanooga
- 12:49 pm Incidence of Surgical Repair of Distal Radius Fractures and its Effect on Salvage Procedures
Patrick O'Callaghan, MD, Medical University of South Carolina
- 12:53 pm Effect of Restoring Lateral Glenohumeral Offset on Patient Outcomes Following Anatomic Total Shoulder Arthroplasty
Justin Rabinowitz, MD, Medical University of South Carolina
*Presented by David A. Barcel, MD
- 12:57 pm Radiographic Comparison of Stemmed and Stemless Shoulder Arthroplasty
Adam T. Archie, BS, University of Alabama at Birmingham
- 1:01 pm Discussion

Rapid Fire Session 8B: Foot / Ankle / Tumor / Other

Gulfstream Room 2

Moderators: Ryan M. Nunley, MD, Washington University School of Medicine

- 12:05 pm Percutaneous Screw Fixation - Talonavicular Fusion: Neurovascular Structures at Risk
Ashish Shah, MD, University of Alabama at Birmingham
- 12:09 pm Outcomes of Inpatient versus Outpatient Elective Foot and Ankle Surgery
Samuel R. Huntley, BS, University of Alabama at Birmingham
*Presented by Nicholas Dahlgren, BS
- 12:13 pm Effectiveness of a Novel Sandal for the Treatment of Heel and Foot Pain
Meredith Warner, MD, Warner Orthopedics and Wellness
- 12:17 pm 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
- 12:21 pm Discussion
- 12:25 pm A Multicentered Prospective Randomized Controlled Trial of Negative Pressure Wound Therapy for Preoperatively Irradiated Soft Tissue Sarcoma Wounds - Early Results
Sophia A. Traven, MD, Medical University of South Carolina
- 12:29 pm Pigmented Villonodular Synovitis of the Knee: Diagnostic Trends and Surgical Management
Aaron Casp, MD, University of Virginia
- 12:33 pm Colon Cancer History Does Not Affect Outcomes/Cost after THA
Samuel Rosas, MD, Wake Forest School of Medicine

Scientific Program

Mediterranean Ballroom, Unless Otherwise Specified

Please check the Meeting App for room, time and speaker changes.

12:37 pm Outcomes of Reamer Irrigator Aspirator in Metastatic Femoral Intramedullary Nails
Alexandra K. Callan, MD, University of Texas Southwestern Medical Center
*Presented by Bryan S. Moon, MD

12:41 pm Discussion

12:45 pm The Use of Carbon Fiber Implants for Impending or Existing Pathological Fractures
Leah Herzog, MD, Medical University of South Carolina

12:49 pm Validation of the Patient Reported Outcomes Measurement Information System (PROMIS) Instruments for Symptomatic Rotator Cuff Tears
Brendan Patterson, MD, MPH, University of Iowa

12:53 pm Risk Factors Associated with Venous Thromboembolism following Extensor Mechanism Disruption
Alyssa Althoff, BS, Medical University of South Carolina

12:57 pm Orthopedic Surgery Match: Effects of Gender, Academics and Early Interest
Andrew Sephien, BS, University of South Florida Morsani College of Medicine

1:01 pm Discussion

Rapid Fire Session 8C: Pediatrics Gulfstream Room 3

Moderators: James A. Keeney, MD, University of Missouri School of Medicine

12:05 pm Age and Obesity in Pediatric Lateral Condyle Fracture Treatment
John King, MD, University of Kentucky

12:09 pm Using C-Reactive Protein to Compare Line-Associated and Deep Vein Thromboses
Daniel Y. Hong, BA, Vanderbilt University School of Medicine
*Presented by Samuel Posey, BS

12:13 pm Single Incision Percutaneous Epiphysiodesis is Safe and Effective
Jessica McQuerry, MD, University of Kentucky

12:17 pm Discussion

12:25pm SoftCast for the Early Management of Clubfoot: The UF Experience
Jorge N. Gil, MD, University of Florida

12:29 pm Intra-Articular Monteggia Fracture: Using the CORA to Improve an Outcome
Samuel L. Posey, BS, Vanderbilt University School of Medicine

12:33 pm Achilles Tenotomy Protects against Rapid Recurrence of Clubfoot
Rachel Michael, MD, University of Toledo Medical Center

12:37 pm Discussion

12:45 pm Transadductor Approach for Drainage of Peripelvic Musculature in the Pediatric Population
Anna Johnson, MD, University of South Alabama

12:49 pm Vitamin D Trends in the Pediatric Orthopaedic Population: A Survey
Kevin Williams, MD, Palmetto Health - Univeristy of South Carolina Orthopaedic Center
*Presented by Michael P. Horan, MD, MS

12:53 pm Surveying the POSNA Landscape - What Can We Learn From Society Survey Studies?
Andres Guerrero, BA, University of Florida

12:57 pm Discussion

Rapid Fire Session 8D: Spine Gulfstream Room 4

Moderators: Christopher A. Heck, MD, Southern Orthopaedic Surgeons

12:05 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

12:09 pm Surgical Reduction of Low-Grade Adult Isthmic and Degenerative Spondylolisthesis Does Not Affect Complication Rates
Joshua Barber, MD, University of Missouri

12:13 pm The Impact of Prophylactic Intraoperative Vancomycin Powder on Microbial Profile, Antibiotic Regimen, Length of Stay, and Reoperation Rate in Elective Spine Surgery
Zachary Gabel, MD, Emory University

12:17 pm A Preoperative Multidisciplinary Conference for Pediatric Spinal Deformity Patients Reduces Surgical Cancellations and Improves Standardization of Care
David B. Bumpass, MD, Arkansas Children's Hospital

12:21 pm Discussion

12:25 pm Risk Factors for Extended Length of Stay and Readmission following ACDF
Brian L. Dial, MD, Duke University Medical Center

12:29 pm Factors Associated with Length of Stay and Readmission following Microdiscectomy
Valentine R. Esposito, BA, Duke University School of Medicine

12:33 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 South Carolina Orthopaedic Center

12:37 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
*Presented by Catherine R. Olinger, MD

12:41 pm Discussion

12:45 pm Anterior Cervical Plate Position and Clinical Outcomes in ACDF
Tyler C. White, MD, Louisiana State University

12:49 pm Interim Study Results of Anterior Cervical Fusion Using a Porous PEEK Interbody Implant
J. Kenneth Burkus, MD, The Hughston Clinic

12:53 pm Two-Level Cervical Disc Arthroplasty Compared with Fusion. Ten-year Clinical and Radiographic Analysis
R. Paul Waldrop, BS, The Hughston Clinic

12:57 pm Surgical Positioning for Traumatic Hyperextension-Distracton Injuries of the Thoracolumbar Spine: A Technical Note
Carly A. Cignetti, BS, University of Alabama at Birmingham

1:01 pm Discussion

1:05 pm **Multimedia Education Session** Gulfstream Rooms 1, 2, 3 & 4

1:05 pm **SOA's Round Table Discussions** Magnolia Room

Total Joint

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

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Scientific Poster Presentations

Thursday, July 12: 6:00 am – 6:45 am / 3:30 pm – 4:30 pm

Friday, July 13: 6:00 am – 7:00 am / 3:00 pm – 4:00 pm

Saturday, July 14: 6:00 am – 7:00 am

Please check the Meeting App
for room, time and presenter
changes.

STATION A Gulfstream Room 1

Other

Poster 1: Shoulder Arthroplasty Using Mini-Stem Humeral Components and Lesser Tuberosity Osteotomy

Evan M. Guerrero, MD, Duke University School of Medicine

**Presented by Sean P. Ryan, MD*

Poster 2: 4% Drainage Rate Synthesized CaSO₄ Antibiotic Loaded Pellets with 240 Mg of Tobramycin and 500 mg of Vancomycin/ 10cc

Gerhard E. Maale, MD, Medical City Plano

Spine

Poster 3: 90-Day Postoperative Complications in Patients with Fibromyalgia Undergoing 1- to 2- Level Spinal Fusion

Chester J. Donnelly III, MD, University of Miami / Jackson Memorial Hospital

Total Knee

Poster 4: Combined Surgical APGAR-ASA Score Predicts 90-Day Readmission In TJA

Daniel E. Goltz, BS, Duke University School of Medicine

**Presented by Sean P. Ryan, MD*

Poster 5: Patent Foramen Ovale Increases Complication Risks in Total Joint Arthroplasty

Cierra S. Hong, BA, Duke University School of Medicine

Poster 6: The Proximal Placement of the Knee Joint in One Stage Treatment of Infected Total Knees with Anterior Defects

Gerhard E. Maale, MD, Medical City Plano

Poster 7: Geographic Variation in Total Hip and Knee Arthroplasty Utilization is Influenced by the Presence of Orthopaedic Training Programs

Russell A. Reeves, MD, Medical University of South Carolina

Poster 8: Accuracy of Intraoperative Robotic-Arm Assisted Total Knee Replacement Alignment with Standing Long Leg Postoperative Alignment

Martin W. Roche, MD, Holy Cross Hospital

**Presented by Rushabh M. Vakharia, MD*

Poster 9: Breast Cancer History is Associated with Worse Outcomes after TKA

Samuel Rosas, MD, Wake Forest School of Medicine

Poster 10: Does Secure Messaging Decrease Postoperative ED Visits and Readmission?

Sean P. Ryan, MD, Duke University School of Medicine

Poster 11: Using a Modern Day Rapid Recovery Protocol, When Does Pre-Op Range of Motion Return Following Total Knee Arthroplasty?

Brett J. Salomon, BSE, Louisiana State University Health Sciences Center

Poster 12: No Early Deep Infections in 292 Consecutive Obese Primary Total Joint Replacements (and in 637 Non-Obese)

Andrew A. Shinar, MD, Vanderbilt University Medical Center

Poster 13: Accuracy of Preoperative Implant Sizing Using 3D Preplanning Software for Robotic-Assisted Total Knee Arthroplasty

Samrath Bhimani, MD, University of Louisville

Poster 14: Early Survivorship of Robotic-Assisted Unicompartmental Knee Arthroplasty

Nathan A. Netravali, PhD, Andover, MA

STATION B Gulfstream Room 2

Sports Medicine

Poster 15: Mechanism of ACL Injury in NFL Players: A Video Analysis

Colin K. Cantrell, BS, University of Alabama at Birmingham

**Presented by Nicholas Dahlgren, BS*

Poster 16: Risk Factors for Prolonged Narcotic Use Following Knee Arthroscopy

Aaron Casp, MD, University of Virginia

Poster 17: Concussions in Soccer: Is Heading Safe?

Kiran Chatha, MD, Cleveland Clinic Florida

Poster 18: Surveying Physicians on the Advice Given to Women Regarding Exercise during Pregnancy

Carly A. Cignetti, BS, University of Alabama at Birmingham

Poster 19: The Use of a Prophylactic Intramedullary Tibial Nail in a High School Volleyball Athlete

Devin Collins, DO, Jack Hughston Memorial Hospital

Poster 20: Comparing Pain and Function after Single Row and Transosseous Equivalent Double Row Rotator Cuff Repair

Brian M. Godshaw, MD, Ochsner Clinic Foundation

**Presented by Connor A. Ojard, MD*

Poster 21: Novel Arthroscopic Suture-Anchor Biceps Tenodesis in the Bicipital Groove Reduces Surgical Morbidity without Significant Complication Risk

Edward Haupt, MD, University of Florida

**Presented by Kevin W. Farmer, MD*

Poster 22: Novel Anatomic Reinforced Arthroscopic Meniscal Root Reconstruction with Gracilis Autograft

Wendell Holmes, MD, Palmetto Health USC Orthopedic Group

**Presented by Cody L. Hightower, MD*

Poster 23: Stratagem to Prevent Post-Operative Infections in ACL Reconstruction-Usage of Vancomycin Soaks for Hamstring Autograft and Chlorhexidine Soaks for Drilling Instruments Intra-Operatively

Jayadeep Jayachandran, MBBS, D Orth, DNB Orth, MRCS, FRCS Orth, Glan Clwyd Hospital

Poster 24: Return to High School Sports is Influenced By Time to Surgery Following ACL Reconstruction

Michael J. Kissenberth, MD, Steadman Hawkins Clinic of the Carolina

Poster 25: The Epidemiology of Achilles Tendon Injuries in 25 NCAA Sports from 2004-05 to 2013-14 Academic Years

Candler G. Mathews III, BS, University of South Carolina School of Medicine

Poster 26: Trainee Measurement Reliability better for Triangular Index than Alpha Angle

Brett A. Shannon, MD, Johns Hopkins University

**Presented by Alexander Bitzer, MD*

Scientific Poster Presentations

Thursday, July 12: 6:00 am – 6:45 am / 3:30 pm – 4:30 pm

Friday, July 13: 6:00 am – 7:00 am / 3:00 pm – 4:00 pm

Saturday, July 14: 6:00 am – 7:00 am

Please check the Meeting App
for room, time and presenter
changes.

Poster 27: Muscular Function Following ACL Reconstruction with Quadriceps Tendon Autografts

Harris Slone, MD, Medical University of South Carolina

STATION C Gulfstream Room 3

Sports Medicine

Poster 28: Double Row Repair for Recalcitrant Medial Epicondylitis

Stephen Thon, MD, Tulane University

Poster 29: Insulin Dependence is Associated with Increased Risk of Complications following Shoulder and Knee Arthroscopy

Sophia A. Traven, MD, Medical University of South Carolina

Total Hip

Poster 30: Early-Term Survival of a Triple-Tapered, Hydroxyapatite-Coated Femoral Stem for Use in Primary Total Hip Arthroplasty: An Excellent Option Regardless of Bone Morphology

Stephen T. Duncan, MD, University of Kentucky

Poster 31: Preoperative Glycemic Control Predicts Peri-Operative Serum Glucose Levels in Patients Undergoing Total Joint Arthroplasty

Brian M. Godshaw, MD, Ochsner Clinic Foundation

**Presented by Connor A. Ojard, MD*

Poster 32: Cancer in the Setting of Young Adult Hip Preservation

Daniel Y. Hong, BA, Vanderbilt University School of Medicine

**Presented by J. Patton Robinette, BA*

Poster 33: Modular Tapered Stem Initial Fit To Subsidence In Revision THA

Michael H. Huo, MD, Houston Methodist Hospital

**Presented by Sean Shahrestani, MD*

Poster 34: Effect of Component Revision on Post-Operative Outcomes in Metal-on-Metal Total Hip Arthroplasty

Lindsay T. Kleeman, MD, Duke University School of Medicine

**Presented by Daniel E. Goltz, BS*

Poster 35: Pseudotumor Formation and the Adverse Effects of Metallosis in a Metal-on-Metal Total Hip Arthroplasty Population

Lindsay T. Kleeman, MD, Duke University School of Medicine

**Presented by Daniel E. Goltz, BS*

Trauma

Poster 36: The Association between Frailty and 30-day Morbidity and Mortality in Patients with Intertrochanteric Femur Fractures

Adam Boissonneault, MD, Emory University

Poster 37: Comparing Outcomes in Tension Band Fixation of Patellar Fractures with K Wires versus Cannulated Screws

Varun Sambhariya, BS, University of Texas Southwestern

Upper Extremity

Poster 38: The Procedure Value Index (PVI): Quantifying Value in Shoulder Arthroplasty

Derek D. Berglund, MD, Holy Cross Orthopedic Institute

**Presented by Dragomir Mijic, DO*

Poster 39: Evaluation of RSA Outcome in Fracture and Cuff Arthropathy Indications

Smirnov D. Exilus, BS, Johns Hopkins University School of Medicine

**Presented by Jessica Jang, BS*

Poster 40: Chronic Sternoclavicular Joint Disease and Reconstruction

John Hamilton, MD, Oklahoma University Medical Center

**Presented by Seth M. Boydstun, MD*

STATION D Gulfstream Room 4

Upper Extremity

Poster 41: Identifying Appropriate Candidates for Outpatient Shoulder Arthroplasty: A Validated Selection Algorithm

Matthew N. Fournier, MD, UTHSC- Campbell Clinic

Poster 42: Preoperative Comorbidities Predict Lower Physical Therapy Compliance Rates after Shoulder Arthroplasty

Matthew N. Fournier, MD, UTHSC- Campbell Clinic

Poster 43: The Surgical Anatomy of the Dorsal Scapular Nerve: A Triple-Tendon Transfer Perspective

John Johnson, BS, University of Alabama at Birmingham

Poster 44: Biomechanical Comparison of Two Augmented Glenoid Designs: A Finite Element Analysis

Diego Lima, MD, Cleveland Clinic Florida

**Presented by Vani J. Sabesan, MD*

Poster 45: Is Preoperative Diagnosis Associated with Narcotic Dependence in Patients Undergoing RSA

Arjun Meiyappan, MD, Cleveland Clinic Florida

**Presented by Vani J. Sabesan, MD*

Poster 46: Surgical Implications of the Distal Tibia Morphology for Glenoid Augmentation

Colleen Moreland, DO, Dwight D. Eisenhower Army Medical Center

Poster 47: Pre-Operative Diagnosis Increases Blood Transfusions in Reverse Shoulder Arthroplasty

Zachary K. Pharr, MD, UT-Campbell Clinic

Poster 48: Clinical Outcomes of Augmented Total Shoulder Arthroplasty Patients

Michael Priddy, MD, University of Florida

Poster 49: Effectiveness of Amnion Tissue Grafts in Recurrent Carpal/Cubital Tunnel

Michael T. Quinet, BS, Augusta University / University of Georgia Medical Partnership

Poster 50: Management of Postoperative Periprosthetic Humeral Fractures after Reverse Total Shoulder Arthroplasty

Paul Ragusa, DO, Johns Hopkins University

Poster 51: Arthroscopic Anchored versus Anchorless Transosseous Rotator Cuff Repair: Two-Year Clinical Outcomes

Uma Srikanth, MD, MBA, MPH, Johns Hopkins University

Poster 52: The Evolution of Shorter Stems in Glenohumeral Arthroplasty

Stephen C. Weber, MD, Johns Hopkins University

**Presented by Uma Srikanth, MD, MBA, MPH*

Poster 53: The Effect of Shoulder Position on Capsular Measurements with MRA

Charles C. White, BS, Medical University of South Carolina

See you next Summer in Amelia Island, FL



July 17-20, 2019
Omni Amelia Island Plantation
Amelia Island, FL