



Southern Orthopaedic Association 34th Annual Meeting

June 28-July 1, 2017 Westin Hilton Head Island Resort Hilton Head Island, SC



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The Southern Orthopaedic Association is grateful for the support of its educational grantors and exhibitors. Thank you for your participation and commitment to SOA.

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SOA President's Welcome

Samuel I. Brown, MD

Welcome! My wife Rosemary and I are delighted that you and your family are with us for the 34th Annual Southern Orthopaedic Association Meeting at the Westin Hilton Head Island Resort and Spa in Hilton Head, SC. This is going to be yet another excellent meeting with stellar academic presentations and an exciting social program. This will happen in a truly beautiful venue surrounded by the ocean and some of the south east's finest golf courses.

The academic program has been expertly crafted by Dr. Robert Zura, Chairman of Orthopaedic Surgery at LSU. The program will cover all disciplines of Orthopaedics, with numerous symposia and outstanding faculty. Again this year we will have "Rapid Fire Sessions" which provide tremendous small group interactive presentations on select hot topics in multiple specialties.

Our Presidential Guest Speaker is Dr. Kevin D. Plancher, Clinical Professor of Orthopaedics at Albert Einstein College of Medicine in New York. Dr. Plancher is an internationally known expert and speaker in Sports Medicine and Physician Leadership. His annual OSET Sports Medicine Meeting has achieved international acclaim, likewise.

Our Distinguished Orthopaedic Surgeon Award and designation is a legendary Sports Medicine pioneer, Dr. John A. Feagin. Colonel Feagin's name has become synonymous with Orthopaedic Physician Leadership and as such, has been a mentor to countless other Orthopaedic Physicians. We will all benefit from his wisdom and heritage for sure.

The Social Program will be excellent as usual with morning breakfast/entertainment daily at the spouse hospitality from 8:30 to 10:00 am. Activities will include golf (of course), Nearshore Charter Fishing, Dolphin Eco Tours, Tennis, Biking, swimming and just enjoying one of the most beautiful beaches in the southeast. Evenings will be filled with great social time, food and beverage.

If you have any questions, do not hesitate to contact me or our SOA Management Team: Chuck Freitag, Stacy, Cynthia and their team.

Best Always,

Samuel I. Brown, MD
President SOA 2017

Program Chair



Robert D. Zura, MD
New Orleans, LA
Louisiana State University Health
Sciences Center

Presidential Guest Speaker



Kevin D. Plancher, MD
New York, NY
Albert Einstein College of Medicine

Leadership Through Chaos
Thursday, 9:35 am

Distinguished Southern Orthopaedist



COL (Ret) John A. Feagin, MD
Jackson, WY

Love, Leadership and the ACL
Friday, 9:30 am

Summary of Events

See Scientific Program for times for all CME activities

KEY

- ◆ Social Event
- ★ Tour/Activity
- * Special Presentation

Wednesday, June 28

12:00 pm – 5:00 pm

Speaker Ready Area Savannah Foyer

12:00 pm – 5:00 pm

Meeting Registration Savannah Foyer

12:00 pm – 5:00 pm

Exhibit Setup Archer, Barnwell Rooms & Savannah Foyer

1:30 pm – 5:00 pm

SOA Board of Trustees Meeting Mitchelville Gazebo Room

Thursday, June 29

6:00 am – 2:00 pm

Meeting Registration Savannah Foyer

6:00 am – 2:00 pm

Speaker Ready Area Savannah Foyer

6:00 am – 2:00 pm

Technical Exhibits, Continental Breakfast, Coffee Breaks and Daily Drawing Archer, Barnwell Rooms & Savannah Foyer

6:45 am – 7:00 am

First Business Meeting Calibogue & Danner Rooms

7:00 am – 2:00 pm

Scientific Program Calibogue & Danner Rooms

8:30 am – 10:00 am

◆ **Spouse/Children's Hospitality** Mitchelville Gazebo Room

Join your friends and meet new spouses while enjoying a continental breakfast. The Lowcountry Gator Man will introduce us to his friends. You will be able to get up close to alligators, snakes, turtles and other critters that share Hilton Head Island with us!

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

9:30 am – 10:05 am

* **Presidential Guest Speaker** Calibogue & Danner Rooms
Kevin D. Plancher, MD

12:00 pm – 1:00 pm

* **SOA Luncheon - Industry Presentation** (CME Credit Not Available)
Calibogue & Danner Rooms

Mallinckrodt Pharmaceuticals, Inc.
Ethicon, US, LLC

12:20 pm – 5:00 pm

★ **Daufuskie Island Tour** Meet in Lobby

Tucked between Hilton Head Island and Savannah, and accessible only by boat, Daufuskie Island is a real gem. Visit several one-of-a-kind places, including the First African Baptist Church, the Praise House, Mary Fields School (memorialized in Pat Conroy's *The Water is Wide*) and the site of the Bloody Point Lighthouse. Tour includes boat cruise from Hilton Head Island, USCG licensed Captain and interpretive naturalist/historian guide, gratuity and golf cart.

Price: \$75 per person (no transportation) / \$103 (with transportation)

2:00 pm – 3:00 pm

* **Industry Presentation** (CME Credit Not Available)

Calibogue & Danner Rooms

Legally Mine

2:00 pm – 3:00 pm

SOA Councilors Meeting Daufuskie Room

5:00 pm – 5:45 pm

◆ **Resident Reception** Mitchelville Gazebo Room

All Residents are invited to attend this reception.

Attire: Resort Casual (No Jackets)

Price: Included in Registration Fee

5:45 pm – 6:30 pm

◆ **New Member Reception** Koi Pond Garden

All SOA new 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 (No Jackets)

Price: Included in Registration Fee

6:30 pm – 9:30 pm

◆ **Welcome Reception** Oceanfront Deck

Have a wonderful evening with family and friends enjoying the sunset with refreshing cocktails and delicious food offerings!

Attire: Resort Casual (No Jackets)

Price: Included in Registration Fee or \$100 per Unregistered Adult Guest

Friday, June 30

6:00 am – 7:00 am

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

6:00 am – 1:25 pm

Meeting Registration Savannah Foyer

6:00 am – 1:25 pm

Speaker Ready Area Savannah Foyer

6:00 am – 1:25 pm

Technical Exhibits, Continental Breakfast, Coffee Breaks and Daily Drawing Archer, Barnwell Rooms & Savannah Foyer

7:00 am – 1:25 pm

Scientific Program Calibogue & Danner Rooms

8:30 am – 10:00 am

◆ **Spouse/Children's Hospitality** Grand Ocean Terrace

Enjoy a continental breakfast!

Barks and Brittles Cooking Class and Demonstration for Adults / Cookie Decorating for Children (4 years and older)

Learn the basic principles of tempering chocolate, caramelizing sugar and making chocolate barks, simple brittles and toffees.

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

8:45 am – 10:00 am

★ **1 Hour Adult Golf Clinic** Meet in Lobby

Covering the fundamentals of golf. Must wear golf attire.

Attire: Collared shirts, Bermuda shorts and sneakers

Price: \$45 per person

9:25 am – 10:05 am

* **Distinguished Southern Orthopaedist** Calibogue & Danner Rooms
COL (Ret) John A. Feagin Jr., MD

Parents are responsible for their children at all of our functions.

Summary of Events

See Scientific Program for times for all CME activities

KEY

◆ Social Event

★ Tour/Activity

✱ Special Presentation

10:00 am – 11:15 am

★ **1 Hour Children's Golf Clinic** Meet in Lobby

Covering the fundamentals of golf. Must wear golf attire.

Attire: Collared shirts, Bermuda shorts and sneakers

Price: \$45 per person

11:25 am – 11:55 am

✱ **SOA Luncheon - Industry Presentation** (CME Credit Not Available)

Calibogue & Danner Rooms

Arthrex, Inc.

11:55 am – 12:25 pm

✱ **Ice Cream Sundaes**

Archer, Barnwell Rooms & Savannah Foyer

1:00 pm – 5:30 pm

★ **Golf Tournament*** Meet in Lobby

The Barony Course was designed by George W. Cobb in the early 1960s and was one of the first courses on Hilton Head Island. The greens are generous and protected by thick, rough and unforgiving bunkers, entitling the golfer to have good touch with mid- to short-range iron shots. Modified shotgun with scramble format.

Price: \$130 per person (Includes greens fee, hat, and beverage cart)

*Eat lunch during the SOA Industry Presentation

2:00 pm – 4:00 pm

★ **Tennis Round Robin** Meet at Tennis Courts

3.5 USTA Rating or better

Price: \$20 per person

5:30 pm – 7:30 pm

◆ **Exhibitor Reception** Archer, Barnwell Rooms & Savannah Foyer

Before you go to dinner, start your evening off with drinks and hors d'oeuvres with SOA.

Attire: Resort Casual (No Jackets)

Price: Included in Registration Fee or \$75 per Unregistered Adult Guest

5:30 pm – 7:30 pm

◆ **Kids' Movie Party and Arts & Crafts** Elliot & Drayton Rooms

Dinner and a movie—fun! Kids will watch a great movie and nibble on snacks and treats with friends! If younger than 5 years old, must be accompanied by an adult.

Price: Included in Registration Fee or \$25 per Unregistered Child (5-17 years)

Saturday, July 1

6:00 am – 12:10 pm

Speaker Ready Area Savannah Foyer

6:00 am – 12:10 pm

Meeting Registration Savannah Foyer

6:15 am – 12:10 pm

Technical Exhibits, Continental Breakfast, Coffee Breaks and Daily Drawing Archer, Barnwell Rooms & Savannah Foyer

7:00 am – 12:10 pm

Scientific Program Calibogue & Danner Rooms

8:30 am – 10:00 am

◆ **Spouse/Children's Hospitality** Mitchelville Gazebo Room

Enjoy a continental breakfast!

Clean the World – SOA's Social Responsibility Event

We will take repurposed bottled amenities, and build hygiene kits to

donate to a women's shelter, homeless shelters and various charities throughout the United States. Hygiene kits are a great way to give 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 years)

8:50 am – 9:20 am

✱ **SOA Brunch - Industry Presentation** (CME Credit Not Available)

Calibogue & Danner Rooms

DePuy Synthes Sales, Inc./Pacira Pharmaceuticals, Inc.

10:55 am – 11:30 am

✱ **Presidential Address** Calibogue & Danner Rooms

Samuel I. Brown, MD, Sports Medicine and Orthopaedics Center

12:10 pm – 12:30 pm

Second Business Meeting Calibogue & Danner Rooms

12:20 pm – 5:30 pm

★ **Nearshore Charter Fishing** Meet in Lobby

Have a fun and memorable experience with fellow anglers! The USCG licensed Captains will customize the trip for families and experienced anglers alike. Our fleet of 26 ft. boats will take you to local hot-spots targeting a variety of near-shore species such as Whiting, Sharks, Weakfish and Redfish.

Price: \$175 per person (Includes bait, tackle, licensing, fuel, captain gratuity and box lunch.)

1:45 pm – 4:30 pm

★ **Dolphin Eco Tour** Meet in Lobby

Get up close and personal with Hilton Head's playful Atlantic Bottlenose Dolphins. Observe these spirited animals in their wild habitat on a 90-minute cruise in a comfortable power boat.

Price: \$36 per person (no transportation) / \$56 (with transportation)

7:00 pm – 11:00 pm

◆ **Gala Dinner Dance** Calibogue & Danner Rooms

Dinner will be an event to remember with a delicious meal, good company, and wonderful music.

Attire: Resort Casual (No Jackets)

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 and Arts & Crafts** Elliot & Drayton Rooms

While parents are at the Gala Dinner Dance, kids enjoy dinner and crafts or a movie with friends. If younger than 5 years old, must be accompanied by an adult. This service is provided **only** for parents attending the Gala Dinner and children must be registered.

Price: Included in Registration Fee or \$25 per Unregistered Child (5-17 years)

Sunday, July 2

8:30 am – 9:30 am

◆ **Fellowship and Worship** Mitchelville Gazebo Room

Grab your breakfast and then come join us for Sunday morning worship led by David F. Martin, MD.

Price: Included in Registration Fee

Parents are responsible for their children at all of our functions.

Scientific Program Calibogue & Danner Rooms, Unless Otherwise Specified

CME Accreditation

The American Academy of Orthopaedic Surgeons designates this live activity for a maximum of 24 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

14.25 CME Credits for Scientific Program

4.75 CME Credits for Scientific E-Poster Sessions

5 CME Credits for Multimedia Education Sessions

Please complete the 2017 Annual Meeting CME Credit Records online at www.soaassn.org.

CME Certificates will be awarded to all registered participants.

Thursday, June 29

6:00 am Scientific E-Poster Session

Lady Davis/Sampson, Elliot, Drayton & Heyward Rooms

Presenters will be available to answer questions.

6:45 am First Business Meeting

7:00 am Welcome and Announcements

Samuel I. Brown, MD, President

Robert D. Zura, MD, Program Chair

GENERAL SESSION 1: Resident Awards

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

7:05 am SOA Presidents' Resident Award

Pulsatile Lavage Of Musculoskeletal Wounds Causes Myonecrosis And Dystrophic Calcification

Alexander M. Chiamonti, MD, Medical University of South Carolina

7:11 am Harley & Betty Baxter Resident Award

Adductor Canal vs. Femoral Nerve Block In ACL: RCT

William S. Godfrey, MD, Emory University

7:17 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 SOA/OREF Resident Award

Motorcycles And Helmets: Dangers Of Repealing Universal Helmet Laws

Robert Runner, MD, Emory University

7:29 am SOA/OREF Resident Award

Hindfoot Arthritis Progression And Arthrodesis Risk After Total Ankle Replacement At A Minimum Of Five Years Follow-Up

Travis J. Dekker, MD, Duke University

7:35 am Discussion

7:40 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 Harley & Betty Baxter Resident Travel Grant Award

Fewer Complications Following Revision Hip And Knee Arthroplasty In Patients With Normal Vitamin D Levels

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

7:52 am SOA Resident Travel Grant Award

Maximizing Efficiency When Rescheduling Cancelled Surgeries

Michael M. Hadeed III, MD, University of Virginia

7:58 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 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 Discussion

RAPID FIRE SESSION 2A: Sports/Other

Lady Davis/Sampson Room

Moderators: James H. Armstrong, MD, Southern Orthopaedic Surgeons, LLC & Col Robert T. Sullivan, MD, Eglin Airforce Base

8:20 am Implant Removal And Spacer Placement For The Infected Shoulder Arthroplasty

Brian C. Werner, MD, University of Virginia

8:24 am SSV Correlates Well With ASES In RCR And SA Patients

Julia Retzky, BA, Johns Hopkins University School of Medicine

8:28 am Biomechanical Characteristics Of The Wiese Knot Using High-Strength Suture Materials

CPT Sally A. Corey, DO, Dwight D. Eisenhower Army Medical Center

8:32 am Discussion

8:37 am Infection Risk Following Shoulder Arthroscopy: Analysis Of 422,245 Patients

Brian C. Werner, MD, University of Virginia

Scientific Program *Calibogue & Danner Rooms, Unless Otherwise Specified*

8:41 am Correlating Intra-Operative Hamstring Autograft Size With Anthropometric And MRI Measurements
CPT Sally A. Corey, DO, Dwight D. Eisenhower Army Medical Center

8:45 am Injury Rates And Characteristics In Professional Ultimate Frisbee
Matthew Hess, BS, University of Alabama School of Medicine

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

8:53 am Discussion

RAPID FIRE SESSION 2B: Total Joints

Elliot Room

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

8:20 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 Risk Factors For Postoperative Urinary Retention After Total Hip Arthroplasty
Charles M. Lawrie, MD, University of Miami Hospital/Jackson Memorial Hospital
*Presented by Samuel Rosas, MD

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

8:32 am Discussion

8:37 am Cannabis Increases The Risk For Revision After Total Knee Arthroplasty
Martin W. Roche, MD, Holy Cross Orthopedic Institute
*Presented by Jennifer Kurowicki, MD

8:41 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 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 Is There A Difference Between Cemented And Uncemented Femoral Stems In Revision Knee Arthroplasty?
Paul F. Lachiewicz, MD, Chapel Hill Orthopedics Surgery & Sports Medicine/Duke University

8:53 am Discussion

RAPID FIRE SESSION 2C: Hand/Upper Extremity

Drayton Room

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

8:20 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 90 Day Readmission Rates Following Primary Shoulder Arthroplasty
Manisha R. Chand, MD, Cleveland Clinic Florida

8:28 am Fatty Atrophy, Positive Tangent Sign, And RC Tears On TSA
W. Stephen Choate, MD, Steadman Hawkins Clinic of the Carolinas

8:32 am Discussion

8:37 am Ultrasound-Guided Aspiration Does Not Reduce Recurrence Of Wrist Ganglion Cysts
Gregory Kurkis, MD, Emory University

8:41 am Trends In Management Of Radial Head And Olecranon Fractures
Derek D. Berglund, MD, Holy Cross Orthopedic Institute

8:45 am Operative Techniques And Clinical Outcomes For The Surgical Treatment Of Medial Epicondylitis: A Systematic Review
Stephen Thon, MD, Tulane University

8:49 am Ultrasonography vs. EMG/NCS In Diagnosis Of Nerve Entrapment At Elbow
Poonam Dalwadi, BS, Emory University

8:53 am Discussion

RAPID FIRE SESSION 2D: Outcomes/Basic Science

Heyward Room

Moderators: Lee R. Leddy, MD, Medical University of South Carolina & Chetan S. Deshpande, MD, Memorial University Medical Center

8:20 am The Hidden Cost Of Training Orthopaedic Surgery Residents To Perform An Open Carpal Tunnel Release
Dane Daley, MD, Medical University of South Carolina

8:24 am Outcomes Of Distal Humerus Fractures: What Are We Measuring?
Ali Zarezaheh, MD, University of Florida

8:28 am Post Market Surveillance Using Patient Reported Outcome Measures
Steven T. DiSegna, MD, University of Massachusetts Memorial Medical Center

8:32 am Discussion

8:39 am The Tritomic Approach: A Triceps-Sparing Posterior Approach To The Elbow
Samrath Bhimani, BS, Mercer University School of Medicine

8:43 am Stenosing Tenosynovitis: An Exploration of Glucocorticoid Induced Heterotopic Ossification
Austin Miller, BS, Mercer University School of Medicine

8:47 am Proteasome Inhibitors Induce Differentiation, Cell Cycle Arrest And Apoptosis In Osteosarcoma
Ali Zarezaheh, MD, University of Florida

8:51 am Discussion

9:00 am Break – Please visit Exhibits

Archer, Barnwell Rooms & Savannah Foyer

GENERAL SESSION 3: OREF Report, ABOS Update & Presidential Guest Speaker

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

Scientific Program Calibogue & Danner Rooms, Unless Otherwise Specified

- 9:20 am** **OREF Report**
COL (Ret) Dean C. Taylor, MD, Duke University Medical Center
- 9:25 am** **ABOS Update**
David F. Martin, MD, Wake Forest University
- 9:30 am** **Introduction of Presidential Guest Speaker**
Samuel I. Brown, MD, Sports Medicine and Orthopaedics Center
- 9:35 am** **Leadership Through Chaos**
Kevin D. Plancher, MD, Albert Einstein College of Medicine

RAPID FIRE SESSION 4A: Sports/Upper Extremity

Lady Davis/Sampson Room

Moderators: Kevin W. Farmer, MD, University of Florida Orthopaedics and Sports Medicine Institute & Claude T. Moorman III, MD, Duke University Medical Center

- 10:10 am** Economic Impact of Community Sports Coverage by Outreach Athletic Trainers
Jeannie Buckner, BS, Medical University of South Carolina
*Presented by Harris Slone, MD
- 10:14 am** Risk Factors For Prolonged Narcotic Use Following Rotator Cuff Repair
Brian C. Werner, MD, University of Virginia
- 10:18 am** Five-Year Outcome Following Arthroscopic Repair Of Isolated Partial-Thickness Rotator Cuff Tears
Alexander R. Vap, MD, Virginia Commonwealth University
- 10:22 am** Discussion
- 10:25 am** Biomechanical Strength Of Rotator Cuff Repairs: A Meta-Regression Analysis
Brendan Shi, BS, Johns Hopkins School of Medicine
- 10:29 am** Influence of Level 1 Evidence On Management Of Clavicle And Distal Humerus Fractures: A Nationwide Comparative Study Of Records From 2005 To 2014
Jennifer Kurowicki, MD, Holy Cross Orthopedic Research Institute
- 10:33 am** A Comprehensive Re-Analysis Of The Distal Iliotibial Band
Jonathan A. Godin, MD, MBA, Steadman Philippon Research Institute
*Presented by Alexander R. Vap, MD
- 10:37 am** Discussion

RAPID FIRE SESSION 4B: Trauma

Elliot Room

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

- 10:10 am** Allograft Augmentation Of Extensor Mechanism For Chronic Patellar Tendon Ruptures: A Case Series
Patrick W. Joyner, MD, Naval Medical Center Portsmouth
*Presented by Hicks C. Manson, MD
- 10:14 am** Disparities In Follow-Up Care For Ballistic Long Bone Lower Extremity Fractures
Robert Runner, MD, Emory University
- 10:18 am** Discussion

- 10:22 am** Risk Factors For Early Failure After CRPP Of Femoral Neck Fractures
Cody L. Evans, MD, University of Virginia
- 10:26 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
*Presented by Matthew J. Duffin, MD
- 10:30 am** Diaphyseal And Distal Femur Fracture Complications: Systematic Review And Meta-Analysis
Riikka E. K. Nomides, MD, Duke University
- 10:34 am** Discussion

RAPID FIRE SESSION 4C: Total Knee

Drayton Room

Moderators: Riyaz H. Jinnah, MD, FRCS, Wake Forest School of Medicine & Samuel S. Wellman, MD, Duke University Medical Center

- 10:10 am** Is Outpatient Total Knee Arthroplasty Safe And Effective?
Lacey Giambelluca Lavie, BS, Louisiana State University Health Sciences Center
*Presented by Jack E. McKay, MD
- 10:14 am** Optimizing Pain Management Following Total Knee Arthroplasty
Juan C. Suarez, MD, Cleveland Clinic Florida
- 10:18 am** The Role Of Hemoglobin A1C In Predicting Periprosthetic Joint Infection Following TKA
Jourdan M. Cancienne, MD, University of Virginia
- 10:22 am** Discussion
- 10:25 am** Trends in Opioid Use Before and After Total Knee Arthroplasty
Beau J. Kildow, MD, Duke University
- 10:29 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
- 10:33 am** Albumin, Prealbumin, And Transferrin May Be Predictive Of Wound Complications Following Total Knee Arthroplasty
Martin W. Roche, MD, Holy Cross Orthopedic Institute
*Presented by Samuel Rosas, MD
- 10:37 am** Discussion

RAPID FIRE SESSION 4D: Other

Heyward Room

Moderators: George W. Brindley, MD, Texas Tech University & Michael S. Shuler, MD, Athens Orthopaedic Clinic

- 10:10 am** Trends and Risks In Orthopedic Lawsuits: National Legal Database Review
Kyle Cichos, BS, University of Alabama at Birmingham
- 10:14 am** Orthopaedic Specialty University Hospitals: Do They Provide Better Outcomes?
Jimmy Daruwalla, MD, Emory University
*Presented by Poonam Dalwadi, BS

Scientific Program Calibogue & Danner Rooms, Unless Otherwise Specified

10:18 am Readability Of Orthopaedic Patient-Reported Outcome Measures: Is There A Fundamental Failure To Communicate?
Zachary A. Mosher, BS, University of Alabama at Birmingham
*Presented by Kyle Cichos, BS

10:22 am Discussion

10:25 am Check-In Kiosks: The Future Of Healthcare Administration
Zachary A. Mosher, BS, University of Alabama at Birmingham
*Presented by Sung R. Lee, BS

10:29 am The Effect Of Residency Training On Arthroscopic Knot Tying And Knot Stability
Kevin Cronin, MD, University of Kentucky

10:33 am Prosthetic Joint Infection Trends At A Dedicated Orthopaedics Specialty Hospital
Robert Runner, MD, Emory University

10:37 am Discussion

10:40 am **Break – Please visit Exhibits**
Archer, Bamwell Rooms & Savannah Foyer

SYMPOSIUM 1: Sports Medicine Current Concepts Debates Moderator: Claude T. Moorman III, MD, Duke University Medical Center

Grade III MCL Injury With ACL Tear

11:00 am Treat The MCL Non-Operatively
Matthew J. Matava, MD, Washington University School of Medicine

11:12 am Repair The MCL
Darren L. Johnson, MD, University of Kentucky Sports Medicine

11:24 am Discussion

Arthroscopic Rotator Cuff Repair

11:30 am Double Row Repair Is The Gold Standard
Claude T. Moorman III, MD, Duke University Medical Center

11:42 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

11:54 am Discussion

12:00 pm **SOA Luncheon - Industry Presentation**
Mallinckrodt Pharmaceuticals, Inc.
A Non-Opioid, Non-NSAID Analgesic for Perioperative Pain Management
Paul F. Lachiewicz, MD

Ethicon, US, LLC
Wound Management in 2017
Ryan Nunley, MD
*CME Credit Not Available

SYMPOSIUM 2: Joints Moderator: Vinod Dasa, MD, Louisiana State University Health Sciences Center

1:00 pm Deployment and Outcomes of an Outpatient Protocol in an Inpatient Setting
Morteza Meftah, MD, Bronx-Lebanon Hospital Center

1:12 pm Economics Of Outpatient Total Joints
John Bottros, MD, OrthoIllinois

1:24 pm Safety And Effectiveness Of rapid Recovery Protocols
Vinod Dasa, MD, Louisiana State University Health Sciences Center

1:36 pm Alternative Payment And Care Models For Total Joints
Goran Dragolovic, SVP Physician Practice Growth and Transformation for Optum

1:48 pm Discussion

2:00 pm **Industry Presentation**
Legally Mine
The Keys to Locking out Lawsuits and Reducing Taxes
Art McOmber
*CME Credit Not Available

2:00 pm **Scientific E-Poster Session**
Lady Davis/Sampson, Elliot, Drayton & Heyward Rooms
Presenters will be available to answer questions.

3:00 pm **Multimedia Education Session**
Savannah Foyer

Friday, June 30

6:00 am **Scientific E-Poster Session**
Lady Davis/Sampson, Elliot, Drayton & Heyward Rooms
Presenters will be available to answer questions.

7:00 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 **Case Presentations**
Robert Fitch, MD, Duke University Medical Center
William K. Accousti, MD, Louisiana State University Health Sciences Center
Robert K. Lark, MD, Duke University Medical Center
Robert Murphy, MD, Medical University of South Carolina

RAPID FIRE SESSION 5A: Total Hip
Lady Davis/Sampson Room
Moderators: C. Lowry Barnes, MD, University of Arkansas for Medical Sciences & Ryan M. Nunley, MD, Washington University School of Medicine

8:10 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 Residual Symptoms Following Unicompartmental And Total Knee Arthroplasty: Comparable To Controls?

Scientific Program *Calibogue & Danner Rooms, Unless Otherwise Specified*

Ryan Nunley, MD, Washington University School of Medicine

8:18 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 Discussion

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

8:31 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
*Presented by Bryce C. Allen, MD

8:35 am The Accuracy Of Acetabular Cup Positioning With And Without Fluoroscopy In Anterior Hip Arthroplasty
Preetesh Patel, MD, Cleveland Clinic Florida
*Presented by Juan C. Suarez, MD

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

8:43 am Discussion

RAPID FIRE SESSION 5B: Total Knee

Elliot Room

Moderators: Vinod Dasa, MD, Louisiana State University Health Sciences Center & Paul F. Lachiewicz, MD, Chapel Hill Orthopedics Surgery & Sports Medicine/Duke University

8:10 am Optimal Length Of Stay Following Joint Arthroplasty To Reduce Readmission
Patricia A. Kirkland, BS, Medical University of South Carolina

8:14 am Analysis Of Spanish vs English Speaking Patients Undergoing Total Knee Arthroplasty
Adam Wright, MD, Baylor Scott and White

8:18 am Outcomes Of Quadriceps Tendon Autograft In Anterior Cruciate Ligament Revision
Stephanie Boden, BS, Emory University

8:22 am Discussion

8:27 am The Linea Aspera As A Marker For Intraoperative Femoral Rotation
Cody Covington, MD, Baylor Scott & White
*Presented by Bryce C. Allen, MD

8:31 am Cluster Analysis Identifies Functional Trajectories Following Total Knee Arthroplasty
Steven T. DiSegna, MD, University of Massachusetts Memorial Medical Center

8:35 am Short And Long-Term Post-Operative Complications Following Total Joint Arthroplasty In Patients With HIV, Hepatitis B, Or Hepatitis C
Beau J. Kildow, MD, Duke University Medical Center

8:39 am Risk Of Periprosthetic Joint Infection In Patients With Multiple Arthroplasties
W. Parker Abblitt, MD, Vanderbilt University Medical Center

8:43 am Discussion

RAPID FIRE SESSION 5C: Upper Extremity

Drayton Room

Moderators: Umasuthan Srikumaran, MD, MBA, Johns Hopkins Medicine & Robert R. Slater Jr., MD, Folsom, CA

8:10 am Scapular Notching In Reverse Total Shoulder Arthroplasty
Richard Friedman, MD, FRCSC, Medical University of South Carolina
*Presented by David A. Barcel, MD

8:14 am Refuting The Lipstick Sign
Josef Eichinger, MD, Medical University of South Carolina
*Presented by Eric Gordon, MD

8:18 am A Map For SLAPs: How Are Outcomes Measured For Superior Labral Tears Of The Shoulder?
Brendan A. Williams, MD, University of Florida

8:22 am Discussion

8:28 am Single-Use Sets For Distal Radius Plating Currently Not Cost Effective
Bryce A. Fugarino, MD, Louisiana State University Health Sciences Center

8:32 am Head-To-Head Comparison of Costs of Total Shoulder Arthroplasty By Payor
Samuel Rosas, MD, Holy Cross Orthopedic Institute

8:36 am Reducing Cost By Using A Smaller Tray In Hand Surgery
Phil T. Kim, MD, PharmD, Medical University of South Carolina

8:40 am Patient Perceptions Of Fluoroscopy In The Outpatient Hand Clinic Setting
Patrick K. O'Callaghan, MD, Medical University of South Carolina

8:44 am Discussion

RAPID FIRE SESSION 5D: Foot & Ankle

Heyward Room

Moderators: J. Benjamin Jackson, MD, University of South Carolina School of Medicine & Frederick C. Flandry, MD, FACS, The Hughston Clinic

8:10 am Fixation Of Calcaneal Fractures Through A Mini-Incision Technique
Michael Johnson, MD, University of Alabama at Birmingham
*Presented by Parke W. Hudson, BS

8:14 am Normal Sonographic Parameters Of Posterior Tibial, Peroneal, And Achilles Tendons
Christopher Hong Chu, BS, Palmetto Health- University of South Carolina Orthopedic Center

8:18 am Revisiting The Prevalence Of Associated Co-Pathologies In Chronic Lateral Ankle Instability
Ibukunoluwa Araoye, MS, University of Alabama at Birmingham

Scientific Program Calibogue & Danner Rooms, Unless Otherwise Specified

- 8:22 am** Discussion
- 8:27 am** Lateral Ankle Instability Surgical Treatment: A Comparison Between Primary Repair And Revision Surgery
Cesar de Cesar Netto, MD, University of Alabama at Birmingham
*Presented by Sung R. Lee, BS
- 8:31 am** Lateral Ankle Instability: Sensitivity Of MRI In Detecting Peroneal Pathology
Parke W. Hudson, BS, University of Alabama at Birmingham
- 8:35 am** The Use Of Patient-Specific 3D Printed Titanium Implants For Complex Foot And Ankle Limb Salvage Procedures
Travis J. Dekker, MD, Duke University
- 8:39 am** Biomechanical Evaluation Of Fixation Of Low Transverse Distal Fibula Fractures
Briggs Ahearn, MD, Emory University
- 8:43 am** Discussion
- 8:50 am** **Break – Please visit Exhibits**
Archer, Barnwell Rooms & Savannah Foyer

GENERAL SESSION 6: AAOS Report & Distinguished Southern Orthopaedist

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

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

SYMPOSIUM 4: Survival in the New Medical Paradigm

Moderator: Frederick C. Flandry, MD, FACS, The Hughston Clinic

- 10:25 am** Surviving MIPS
Karen Clark, MBA, OrthoTennessee
- 10:34 am** Surviving Bundles
C. Lowry Barnes, MD, University of Arkansas for Medical Sciences
- 10:43 am** Employment Models
C. Lowry Barnes, MD, University of Arkansas for Medical Sciences
- 10:52 am** Gainsharing And The Surgeon Champion In The Bundled Care Environment
Ryan M. Nunley, MD, Washington University School of Medicine
- 11:01 am** Independent Practice Models
Todd A. Schmidt, MD, OrthoAtlanta

- 11:10 am** Co-Management Agreements
Mark A. Baker, PT, CEO, The Hughston Clinic
- 11:19 am** Discussion
- 11:25 am** **SOA Luncheon – Industry Presentation Arthrex, Inc.**
Helping Surgeons Treat Their Patients Better
Brent Amburn
***CME Credit Not Available**

SYMPOSIUM 5: Hot Topics and Controversies in Total Knee Arthroplasty

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

- 12:25 pm** Cementless Total Knees: Should We All Be Doing These Now?
Ryan M. Nunley, MD, Washington University School of Medicine
- 12:35 pm** Peri-Articular Injections Or Nerve Blocks: Which is Preferred?
C. Lowry Barnes, MD, University of Arkansas for Medical Sciences
- 12:45 pm** Valgus Knees: Are They More Difficult?
Paul F. Lachiewicz, MD, Chapel Hill Orthopedics Surgery & Sports Medicine/Duke University
- 12:55 pm** Computers And Robots: Should You Use And Will They Make A Better Knee?
Samuel S. Wellman, MD, Duke University Medical Center
- 1:05 pm** The Stiff Total Knee: What To Do?
William J. Maloney III, MD, Stanford School of Medicine
- 1:15 pm** Discussion
- 1:25 pm** **Scientific E-Poster Session**
Lady Davis/Sampson, Elliot, Drayton & Heyward Rooms
Presenters will be available to answer questions.
- 2:25 pm** **Multimedia Education Session**
Savannah Foyer

Saturday, July 1

- 6:00 am** **Scientific E-Poster Session**
Lady Davis/Sampson, Elliot, Drayton & Heyward Rooms
Presenters will be available to answer questions.

RAPID FIRE SESSION 7A: Sports Medicine

Lady Davis/Sampson Room

Moderator: Patrick W. Joyner, MD, Naval Medical Center Portsmouth & Darren L. Johnson, MD, University of Kentucky Sports Medicine

- 7:00 am** The Association Of Hemoglobin A1C With Postoperative Infection Following TSA
Brian C. Werner, MD, University of Virginia
- 7:04 am** Exertional Rhabdomyolysis In Collegiate Football Players
Thomas X. Nguyen, MD, Howard University Hospital
- 7:08 am** Shoulder Injection Prior To Rotator Cuff Repair Is Associated With Increased Risk Of Subsequent

Scientific Program Calibogue & Danner Rooms, Unless Otherwise Specified

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

7:12 am Discussion

7:17 am Hypertrophic Chondrocytes Prevent Fusion In A Rat Model
Comron Saifi, MD, The Spine Hospital at Columbia University Medical Center
*Presented by Rami Alrabaa, MD

7:21 am Arthroscopic Anterior Labral Repairs In Females
John T. Heffernan, MD, Tulane University

7:25 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
Alexander R. Vap, MD, Virginia Commonwealth University

7:29 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 Discussion

RAPID FIRE SESSION 7B: Shoulder

Elliot Room

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

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

7:04 am Shoulder Arthroplasty Outcomes After Anterior Stabilization Procedures: Do Reverses Have Better Results
William Z. Stone, MD, University of Florida
*Presented by Maharsh K. Patel, MD

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

7:12 am Discussion

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

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

7:25 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 Accuracy Of Glenoid Version And Inclination: A Comparison Of Surgical Planning Software Platforms
Jennifer Kurowicki, MD, Holy Cross Orthopedic Research Institute

7:33 am Discussion

RAPID FIRE SESSION 7C: Trauma/Foot/Tumor

Drayton Room

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

7:00 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 Curved Retrograde TTC Fusion Nails: Neurovascular Structures At Risk And Entry Point Safe-Zone
Cesar de Cesar Netto, MD, University of Alabama at Birmingham
*Presented by Brent Cone, BS

7:08 am Efficacy Of Particulated Juvenile Cartilage Allograft Transplantation For Osteochondral Lesions
Travis J. Dekker, MD, Duke University

7:12 am Discussion

7:20 am Adult Acquired Flatfoot - Surgical Incidence And Economic Burden
Tyler M. Goodwin, BS, BA, Palmetto Health-University of South Carolina Orthopedics

7:24 am Calcaneal Osteotomy For The Treatment Of Hindfoot Valgus Deformity
Sung R. Lee, BS, University of Alabama at Birmingham

7:28 am Impact Of Arthroscopy Timing On Outcomes Of Lateral Ankle Ligament Repair Surgery
Brent Cone, BS, University of Alabama at Birmingham

7:32 am Discussion

RAPID FIRE SESSION 7D: Spine/Total Knee

Heyward Room

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

7:00 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
*Presented by Michael J. Heffernan, MD

7:04 am The Fall Of Recombinant Bone Morphogenetic Protein
Joseph L. Laratta, MD, The Spine Hospital at Columbia University Medical Center
*Presented by Alexander Ha, MD

7:08 am Tobramycin Powder Eliminates Spinal Wound Contamination
Joseph L. Laratta, MD, The Spine Hospital at Columbia University Medical Center
*Presented by Rami Alrabaa, MD

7:12 am Discussion

7:17 am Are Red Flags For Lower Back Pain Really "Red"?
William S. Godfrey, MD, Emory University
*Presented by Poonam Dalwadi, BS

7:21 am Sagittal Vertical Axis Increases With Increasing Cervical Lordosis: Radiographic Analysis Of Cervical And Spinal Alignment In Multilevel ACDF

Scientific Program Calibogue & Danner Rooms, Unless Otherwise Specified

Yoshihiro Katsuura, MD, University of Tennessee at Chattanooga

7:25 am Intra-Articular Saphenous Nerve Block For Total Knee Arthroplasty: MRI And Cadaveric Study
Joseph J. Kavolus, MD, MSCR, Duke University
*Presented by Paul F. Lachiewicz, MD

7:29 am Eliminating Tobramycin From Antibiotic Spacers Greatly Reduces The Risk Of Acute Kidney Injury In Infected Total Joint Replacements
Zachary M. Harris, BA, Vanderbilt University

7:33 am Discussion

SYMPOSIUM 6: Orthopaedic Surgeon Leadership

Moderator: COL (Ret) Dean C. Taylor, MD, Duke University Medical Center

7:50 am Leadership Development Education In Medical School, Residency, Fellowship
COL (Ret) Dean C. Taylor, MD, Duke University Medical Center

8:00 am Panel Discussion – Medical Leadership In The 21st Century
Christopher R. Jones, MD, The Southeast Permanente Medical Group
Norah A. Foster, MD, Duke University Medical Center
Jonathan A. Godin, MD, MBA, The Steadman Clinic

8:30 am Words Of Wisdom
COL (Ret) John A. Feagin Jr., MD, Jackson, WY

8:40 am Discussion

8:50 am **SOA Brunch Presentation**
DePuy Synthes Sales, Inc. / Pacira Pharmaceuticals, Inc.
Optimizing Your Outcomes in Postsurgical Pain Control: A Rapidly Changing Paradigm
Stanley H. Dysart, MD
***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 Temporizing Fixation: Do's and Don'ts
Peter C. Krause, MD, Louisiana State University Health Sciences Center

9:30 am Open Fracture Debridement: How Clean Is Clean Enough?
Chetan S. Deshpande, MD, Memorial University Medical Center

9:40 am Antibiotic Therapy (IV and Local)
Kristoff R. Reid, MD, Medical University of South Carolina

9:50 am Compartment Syndrome: Diagnosis And Management
Paul B. Gladden, MD, Tulane University School of Medicine

10:00 am Soft Tissue Coverage/Management: When To Call The Plastic Surgeon?
Lawrence X. Webb MD, Mercer University School of Medicine/Navicent Medical Center

10:10 am Discussion

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

Archer, Barnwell Rooms & Savannah Foyer

GENERAL SESSION 8: BOC Report & Presidential Address

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

10:45 am **BOC Report**

Frederick C. Flandry, MD, FACS, The Hughston Clinic

10:50 am **Introduction of Presidential Address**

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

10:55 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

Lady Davis/Sampson Room

Moderators: Mani D. Kahn, MD, Albert Einstein College of Medicine & Peter C. Krause, MD, Louisiana State University Health Sciences Center

11:30 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 Intraoperative External Fixator Attachment Use For Lower Extremity Fracture Reduction
Justin C. Kennon, MD, Medical College of Georgia at Augusta University

11:38 am Dual Plate Stabilization of Supracondylar Femur Fractures
Andrew Swentik, MD, Palmetto Health Richland - PH-University of South Carolina Orthopedic Center

11:42 am Discussion

11:49 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

11:53 am Complications And 30-Day Outcomes In Open And Closed Tibia Fractures
Evan J. Smith, MD, George Washington University
*Presented by Michael Webber, MD

11:57 am Mortality In Severely Injured Patients At High Acuity Centers
Andrew M. Schwartz, MD, Emory University

12:01 pm Discussion

RAPID FIRE SESSION 9B: Sports Medicine

Elliot Room

Moderators: Matthew J. Matava, MD, Washington University School of Medicine & Brian C. Werner, MD, University of Virginia

11:30 am Arthroscopic Superior Capsule Reconstruction vs. Latissimus Dorsi Transfer: A Comparison of Early Clinical Outcomes
Jonathan A. Godin, MD, MBA, Steadman Philippon Research Institute

Scientific Program *Calibogue & Danner Rooms, Unless Otherwise Specified*

- 11:34 am** Strength Deficit Following Femoral vs. Adductor Canal Nerve Block For ACL Reconstruction
Robert Runner, MD, Emory University
- 11:38 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** Discussion
- 11:47 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** 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** 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** 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 Discussion

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

Drayton Room

Moderators: Michael P. Horan, MD, MS, Palmetto Health & J. Benjamin Jackson, MD, University of South Carolina School of Medicine

- 11:30 am** Flexible Nailing of the Pediatric Femur: Anatomic Considerations
Thomas J. Lucak, MD, Louisiana State University Health Sciences Center
- 11:34 am** Effect Of Femoral Stem Offset On Metal-On-Metal Implant Outcomes
Lindsay T. Kleeman, MD, Duke University
- 11:38 am** The Impact Of Myasthenia Gravis And Multiple Sclerosis On Total Hip Arthroplasty
Perez Agaba, BS, Duke University
- 11:42 am** Discussion
- 11:47 am** Outcomes After Elmslie-Trillat Osteotomy Using A Minimally Invasive Technique
Ian Gao, MD, Emory University
- 11:51 am** Longitudinal Incision: A New Approach For Lateral Ankle Ligament Repair
Caleb Jones, BS, University of Alabama at Birmingham
*Presented by Yvonne Chodaba, BS
- 11:55 am** Outcomes Of First Metatarsophalangeal Joint Fusion In Patients With Greater Than Fifteen Percent Intermetatarsal Angle: Is Lag Screw Essential?
Zachariah W. Pinter, BS, University of Alabama at Birmingham

- 11:59 am** Calcaneal Osteotomy Safe-Zone To Prevent Neurological Damage: Fact Or Fiction?
Ashish Shah, MD, University of Alabama at Birmingham
*Presented by Bahman Sahranavard, MD

12:03 pm Discussion

RAPID FIRE SESSION 9D: Spine/Basic Science

Heyward Room

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

- 11:30 am** Non-Operative Management Of Non-Displaced, Unilateral, Single Level, Sub-Axial Cervical Facet Fracture: A Retrospective Review Of A Single Institution
Keven S. Burns, MD, University of Oklahoma Health Science Center
- 11:34 am** Building Better Bone: Biologic & Engineering Strategies For Bone Loss
Andrew Schwartz, MD, Emory University
- 11:38 am** How Common Are Outpatient Spinal Laminectomies?
Joseph L. Laratta, MD, The Spine Hospital at Columbia University Medical Center
*Presented by Alexander Ha, MD
- 11:42 am** Discussion
- 11:47 am** Effect Of Femoral Head Size On The Force To Dislocation
Matthew J. Dietz, MD, West Virginia University School of Medicine
- 11:51 am** 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
- 11:55 am** Risk Factors Of Lumbar Spinal Epidural Lipomatosis
Anuj Patel, MD, Emory University
- 11:59 am** The Epidemiology Of Cervical Spine Injuries In 25 NCAA Sports From 2004-2005 To 2013-2014 Academic Years
Allen 'Jack' Barnes Jr., BS, University of South Carolina School of Medicine
- 12:03 pm** Discussion
- 12:10 pm** **Second Business Meeting**
- 12:35 pm** **Multimedia Education Session**

Savannah Foyer

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Scientific E-Poster Presentations

Thursday, June 29: 6:00 am – 6:45 am & 2:00 pm – 3:00 pm

Friday, June 30: 6:00 am – 7:00 am & 1:25 pm – 2:25 pm

Saturday, July 1: 6:00 am – 7:00 am

STATION A Lady Davis/Sampson Room

Total Hip

Poster 1: Prospective Study Of The Smith And Nephew R3 Shell
Shea Comadoll, BS, Wake Forest School of Medicine

Poster 2: Case Series – The Anterior Approach For Conversion Hip Arthroplasty: Surgical Technique and Considerations
Joseph Gondusky, MD, Jordan-Young Institute
*Presented by Jeong Hoo Lee, MS

Poster 3: Impact Of Timing To Revision For Metal-On-Metal Total Hip Bearings
Lindsay T. Kleeman, MD, Duke University

Poster 4: Metal Ion Levels In Young, Active Patients Receiving A Dual Mobility Total Hip Arthroplasty Prosthesis
Ryan Nunley, MD, Washington University School of Medicine

Poster 5: The Incidence And Clinical Significance Of Noise Generation in Young Hip Arthroplasty Patients
Ryan Nunley, MD, Washington University School of Medicine

Poster 6: Radiation Therapy For Heterotopic-Ossification Does Not Impact 90-Day THA Costs
Samuel Rosas, MD, Holy Cross Orthopedic Institute

STATION B Elliot Room

Basic Science

Poster 7: Changes In Testosterone Levels After Arthroscopic Surgery: A Pilot Study
Patrick W. Joyner, MD, Naval Medical Center Portsmouth

Other

Poster 8: Outcomes Of Core Decompression For Femoral Head Avascular Necrosis In An Active-Duty Military Population
Edward Mottern, MD, Dwight D. Eisenhower Army Medical Center

Sports Medicine

Poster 9: Bilateral Patella Stress Fractures In A Collegiate Gymnast
Jeremy Bruce, MD, University of Tennessee College of Medicine Chattanooga

Total Knee

Poster 10: Functional Flexion Instability In Rotating Platform Total Knee Arthroplasty
Nicole Durig, MS, Medical University of South Carolina

Poster 11: Outcomes Of Quadriceps Tendon Autograft In Anterior Cruciate Ligament Reconstruction
William S. Godfrey, MD, Steadman Philippon Research Institute
*Presented by Poonam Dalwadi, BS

STATION C Drayton Room

Upper Extremity

Poster 12: Comorbidity Effect On Speed Of Recovery After Rotator Cuff Repair
Derek Berglund, MD, Holy Cross Orthopedic Institute

Poster 13: Surgeon Experience Is Not Associated With Elbow Arthroscopy Complications
Alexander H. Jinnah, MD, Wake Forest School of Medicine

Poster 14: E-mail Reminders Improve Patient Reported Outcome Measures (PROMs) Completion Rates
Jennifer Kurowicki, MD, Holy Cross Orthopedic Research Institute

Poster 15: Loss Of Functional Internal Rotation Following Bilateral Shoulder Arthroplasty
Samuel Rosas, MD, Holy Cross Orthopedic Institute

Poster 16: Augmented And Wide-Suture Transosseous Rotator Cuff Repair: A Biomechanical Analysis
Brendan Shi, BS, Johns Hopkins School of Medicine

Poster 17: A Novel Surgical Technique Utilizing Suture Anchor Repair For Recalcitrant Medial Epicondylitis
Stephen Thon, MD, Tulane University

STATION D Heyward Room

Foot & Ankle

Poster 18: Calcaneal Osteotomies In The Treatment Of Hindfoot Deformities: Comparison Between One Screw Vs Two Screws Fixation Technique
Cesar de Cesar Netto, MD, University of Alabama at Birmingham
*Presented by Sung R. Lee, BS

Poster 19: Economic Burden Of The Surgical Treatment Of Adult Acquired Flatfoot In The US Population
Tyler M. Goodwin, BS, BA, Palmetto Health-University of South Carolina Orthopedics
*Presented by Poonam Dalwadi, BS

Poster 20: A Prospective Study: Driving After Gastrocnemius Recession. When Is It Safe To Return?
David Johannesmeyer, MD, University of Alabama at Birmingham
*Presented by Ibukunoluwa Araoye, MS

Poster 21: Association Of Frailty With Postoperative Outcomes After Elderly Ankle Fractures
Rishin J. Kadakia, MD, Emory University
*Presented by Robert Runner, MD

Poster 22: Ankle Fractures In The Elderly: Risks And Management Challenges
Andrew Schwartz, MD, Emory University

Atlantic Ocean

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- A Savannah Foyer**
Meeting Registration
Speaker Ready Area
- B Archer & Barnwell Rooms**
Technical Exhibits
Continental Breakfast
Coffee Breaks
Daily Drawing
- C Calibogue & Danner Rooms**
Scientific Program
Business Meetings
Industry Presentations
- D Elliot & Drayton Rooms**
Kids' Party
- E Lady Davis/Sampson, Elliot,
Drayton & Heyward Rooms**
Rapid Fire Sessions
E-Posters
- F Lobby**
Tour Departures
- G Mitchelville Gazebo Room**
Board of Trustees Meeting
Spouse/Children's Hospitality
(Thurs, Sat)
Resident Reception
- H Koi Pond Garden**
New Member Reception
- I Jasmine Room**
Regional and AAOS Presidents'
Breakfast Meeting
- J Daufuskie Room**
Councilors Meeting
- K Oceanfront Deck**
Welcome Reception
- L Grand Ocean Terrace**
Spouse/Children's Hospitality
(Fri)
- M Tennis Courts**
Tennis Round Robin

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