SOA Scientific Program  
The Grove Park Inn  
Asheville, North Carolina  
July 16-19, 2015

(Presenters and Times are Subject to Change)

Thursday, July 16

6:00 am – 6:30 am  
Scientific Poster Session  (Presenters will be available to answer questions.)

6:30 am – 6:45 am  
First Business Meeting

6:45 am  
Welcome, Introduction of Program and Announcements

Langdon A. Hartsock, MD, President  
Lee R. Leddy, MD, Program Chair

GENERAL SESSION 1: Sports Medicine 1
Moderator: Jeffrey A. Guy, MD, University of South Carolina School of Medicine, Columbia, SC

6:50 am – 6:56 am  
Findings Versus Intra-Operative Pathology In Hip Arthroscopy

Julie A. Neumann, MD, Duke University Medical Center, Durham, NC

6:56 am – 7:02 am  
Return To Operating Room Following Meniscus Allograft Transplantation:  
90 Day, 1 Year, And 2 Year Analysis

Tsun yee Law, MD, The LESS Institute, Fort Lauderdale, FL

7:02 am – 7:08 am  
Nationwide Return To The Operating Room Following Meniscal Repair Surgery

Samuel Rosas, MS, The LESS Institute, Fort Lauderdale, FL

7:08 am – 7:14 am  
Height, Weight, And Age Predict Quadriceps Tendon Length And Thickness

Dane Todd, MD, Emory University, Atlanta, GA

7:14 am – 7:20 am  
Stable Meniscal Tears Left In Situ At Arthroscopic ACL Reconstruction

Marcus A. Rothermich, MD, Washington University in St. Louis, St. Louis, MO

7:20 am – 7:24 am  
Discussion

7:24 am – 7:30 am  
Differences In Pitchers’ UCL Morphology And Elbow Gapping Following Reconstruction

Michael J. Kissenberth, MD, Steadman Hawkins Clinic of the Carolinas/Greenville Health System/Proaxis Therapy, Greenville, SC

7:30 am – 7:36 am  
Oral Contraceptive Use Predicts Fewer ACL Reconstructions In Young Females

Aaron M. Gray, BS, The University of Texas Medical Branch, Galveston, TX
7:36 am – 7:42 am  MRI Classification For UCL Injuries Of The Elbow  
LCDR Patrick W. Joyner, MD, MS, Andrews Institute for Orthopaedics & Sports Medicine, Gulf Breeze, FL

7:42 am – 7:48 am  Trends In ACL Reconstruction In The Adolescent Population In The United States  
Samuel Rosas, MS, The LESS Institute, Fort Lauderdale, FL

7:48 am – 7:54 am  Comparison Of Arthrotomy Versus Arthroscopic Debridement For Septic Knee Arthritis  
Erin Fynan, MD, University of Alabama Birmingham, Birmingham, AL

7:54 am – 7:58 am  Discussion

7:58 am – 8:18 am  Break: Visit EXHIBITS and POSTERS

GENERAL SESSION 2: OREF Report and Presidential Guest Speaker  
Moderator: Langdon A. Hartsock, MD, Medical University of South Carolina, Charleston, SC

8:18 am – 8:23 am  OREF Report  
Ramon L. Jimenez, MD, Monterey, CA

8:23 am – 8:28 am  Introduction of Presidential Guest Speaker  
Langdon A. Hartsock, MD, Medical University of South Carolina, Charleston, SC

8:28 am – 8:58 am  Presidential Guest Speaker  
Automotive Crash Research: The Effects on Orthopaedic Practice  
Andrew R. Burgess, MD, Houston, TX

RAPID FIRE SESSION 3A: Total Hip  
Moderator: Michael P. Bolognesi, MD, Duke University Medical Center, Durham, NC

8:58 am – 9:02 am  Metal Ion Concentrations In Young, Active Patients Following Total Hip Arthroplasty With The Use Of Modern Bearing Couples  
Ryan M. Nunley, MD, Washington University School of Medicine/Barnes Jewish Hospital; St. Louis, MO

9:02 am – 9:03 am  Discussion

9:03 am – 9:07 am  New Cells New Problems: Arthroplasty In Bone Marrow Transplant Patients  
Joseph Kavolus, MD, MSCR, Duke University Medical Center, Durham, NC

9:07 am – 9:08 am  Discussion

9:08 am – 9:12 am  Frozen Sections In Revision THA And TKA Following Deep Infection  
Grayson A. Moore, MD, The University of Texas Medical Branch, Galveston, TX
9:12 am – 9:18 am  Discussion

9:18 am – 9:22 am  Diabetic Control In Total Joint Arthroplasty
Carlos J. Lavernia, MD, The Center for Advanced Orthopedics at Larkin, South Miami, FL

9:22 am – 9:23 am  Discussion

9:23 am – 9:27 am  The Influence Of Psychiatric Disorders And Substance Abuse On Outcomes After Total Hip Arthroplasty
Mitchell R. Klement, MD, Duke University Medical Center, Durham, NC

9:27 am – 9:28 am  Discussion

9:28 am – 9:32 am  Impact Of Lumbar Arthrodesis On Outcomes After Elective Total Hip Arthroplasty
Thorsten M. Seyler, MD, PhD, Duke University, Durham, NC

9:32 am – 9:38 am  Discussion

RAPID FIRE SESSION 3B: Sports Knee
Moderator: Mark J. Lemos, MD, Lahey Clinic, Peabody, MA

8:58 am – 9:03 am  Return To The Operating Room Following Cartilage Restoration Procedures
Samuel Rosas, MS, The LESS Institute, Fort Lauderdale, FL

9:03 am – 9:04 am  Discussion

9:04 am – 9:09 am  MRI Evaluation Of Anterolateral Ligament In The Knee
Jared Hudspeth, MD, University of Florida Health, Jacksonville, FL

9:09 am – 9:15 am  Discussion

9:15 am – 9:20 am  Gender Differences In Knee Flexion Angle During Running
Christopher L. Sheu, MD, The University of Texas Medical Branch, Galveston, TX

9:20 am – 9:21 am  Discussion

9:21 am – 9:26 am  Emerging Off-The-Shelf Therapies For Focal Chondral Defects: A Systematic Review
Samuel Rosas, MS, The LESS Institute, Fort Lauderdale, FL

9:26 am – 9:27 am  Discussion

9:27 am – 9:32 am  Surgical Trends In Treatment Of Meniscus Tears: Analysis Of Data From The American Board Of Orthopaedic Surgery Certification Examination Database
9:32 am – 9:38 am  Discussion

RAPID FIRE SESSION 3C:  Foot and Ankle
Moderator:   William K. McKibbin, MD, Medical University of South Carolina, Charleston, SC

8:58 am – 9:02 am  Predictors Of Failure For Delayed Surgical Treatment Of Closed Ankle Fracture-Dislocations
Andrew P. Matson, MD, Duke University Medical Center, Durham, NC

9:02 am – 9:03 am  Discussion

9:03 am – 9:07 am  Does Syndesmosis Fixation Affect The Fibulotalar Relationship?
Nicholas G. Vance, MD, The University of Texas Medical Branch, Galveston, TX

9:07 am – 9:08 am  Discussion

9:08 am – 9:12 am  Costs Associated With Geriatric Ankle Fractures: Operative Versus Nonoperative Management
Rishin Kadakia, MD, Emory University, Atlanta, GA

9:12 am – 9:18 am  Discussion

9:18 am – 9:22 am  Open Calcaneus Fractures And Associated Injuries
Jacob R. Worsham, MD, University of Florida Health, Jacksonville, FL

9:22 am – 9:23 am  Discussion

9:23 am – 9:27 am  Trainee Fluoroscopic Imaging Variability During Operative Fixation Of Ankle Fractures
Dorothy Y. Harris, MD, The University of Texas Medical Branch, Galveston, TX

9:27 am – 9:28 am  Discussion

9:28 am – 9:32 am  United States National Trends In Foot And Ankle Arthrodesis
Leonard T. Buller, MD, University of Miami, Miami, FL

9:32 am – 9:38 am  Discussion

RAPID FIRE SESSION 3D:  Trauma
Moderators:   Kyle J. Jeray, MD, Steadman Hawkins Clinic of the Carolinas, Greenville, SC
William M. Reisman MD, Emory University, Atlanta, GA

8:58 am – 9:02 am  Influence Of The Method Of Fracture Repair On Bone Healing
Lex Hanna, MD, Medical University of South Carolina, Charleston, SC
9:02 am – 9:03 am  Discussion

9:03 am – 9:07 am  Conventional Versus Cable Pin Fixation For Transverse Patellar Fractures
Aaron D. Schrayer, MD, The University of Texas Medical Branch, Galveston, TX

9:07 am – 9:08 am  Discussion

9:08 am – 9:12 am  Plates Proximal To Pin Sites And Long Bone Torsional Strength
Fred L. Speck III, MD, The University of Texas Medical Branch, Galveston, TX

9:12 am – 9:18 am  Discussion

9:18 am – 9:22 am  Evaluation Of Bioburden On The Development Of Heterotopic Ossification In An Established Rat Model
Gabriel Pavey, MD, Silver Spring, MD

9:22 am – 9:23 am  Discussion

9:23 am – 9:27 am  Olecranon Fractures With Sagittal Splits Treated With Dual Fixation
Michael P. Morwood, MD, Duke University Medical Center, Durham, NC

9:27 am – 9:28 am  Discussion

9:28 am – 9:32 am  Limb Length And Alignment After Intramedullary Nailing Of Intertrochanteric Fractures
Christopher Warrell, MD, Orlando Health, Orlando, FL

9:32 am – 9:38 am  Discussion

9:38 am – 9:58 am  Break: Visit EXHIBITS and POSTERS

SYMPOSIUM 1: Sports-Knee
Moderator: Darren L. Johnson, MD, University of Kentucky Sports Medicine, Lexington, KY

9:58 am – 11:00 am  What’s New In ACL Reconstruction?

11:00 am – 12:00 pm  SOA Luncheon -- Industry Presentation

SYMPOSIUM 2: Oncology
Moderator: Ginger Holt, MD, Vanderbilt Orthopedic Institute, Nashville, TN

12:00 pm – 12:45 pm  The Management Of Metastatic Bone Disease

GENERAL SESSION 4: Total Joint Outcomes
Moderator: James R. Roberson, MD, Emory Healthcare, Atlanta, GA

12:45 pm – 12:51 pm  Custom Cutting Guides Do Not Improve Total Knee Arthroplasty Clinical Outcomes At Two Years Follow-Up
Ryan M. Nunley, MD, Washington University School of Medicine/Barnes Jewish Hospital, St. Louis, MO

12:51 pm – 12:57 pm  Lumbar Plexus Catheters Versus Infiltration With Liposomal Bupivacaine In THA
Peter Formby, MD, Walter Reed National Military Medical Center, Bethesda, MD

12:57 pm – 1:03 pm  Complications Of Total Hip Arthroplasty In Solid Organ Transplantation Recipients
Thorsten M. Seyler, MD, PhD, Duke University, Durham, NC

1:03 pm – 1:09 pm  The Effect Of Polyethylene Type On Osteolysis And Reoperation At Minimum 10 Years Follow-Up
Paul F. Lachiewicz, MD, Chapel Hill Orthopedics Surgery & Sports Medicine, Chapel Hill, NC

1:09 pm – 1:15 pm  Comparison Of Post-Operative Complications Following Metal-On-Metal Total Hip Arthroplasty With Other Hip Bearings In Medicare Population
Lindsay T. Kleeman, MD, Duke University Medical Center, Durham, NC

1:15 pm – 1:21 pm  Total Knee Arthroplasty Within Six Months After Knee Arthroscopy Is Associated With Increased Postoperative Complications
James A. Browne, MD, University of Virginia, Charlottesville, VA

1:21 pm – 1:27 pm  Mild Arthritis And Elevated BMI Predict Poor Young TKA Patient Outcomes
James A. Keeney, MD, Washington University School of Medicine, St. Louis, MO

1:27 pm – 1:33 pm  Liposomal Membrane Bound Bupivacaine Versus Femoral Nerve Catheter For TKA
Erick G. Torres, MD, Greenville Health System, Greenville, SC

1:33 pm – 1:40 pm  Discussion

1:40 pm – 2:40 pm  Scientific Poster Session (Presenters will be available to answer questions.)

2:40 pm – 4:40 pm  Multimedia Education Session

Friday, July 17

6:00 am – 6:30 am  Scientific Poster Session (Presenters will be available to answer questions.)

6:30 am - 6:35 am  Announcements
Lee R. Leddy, MD, Program Chair

GENERAL SESSION 5:  Trauma
Moderator:  Andrew R. Burgess, MD, University of Texas, Houston, TX
6:35 am – 6:41 am  
Elution Characteristics Of Antibiotic-Impregnated PMMA Bone Cement Intramedullary Spacers  
*Andrew G. Patton, MD, The University of Texas Medical Branch, Galveston, TX*

6:41 am – 6:47 am  
Intraoperative Topical Antibiotics For Infection Prophylaxis In Pelvic And Acetabular Surgery  
*Matthew T. Owen, MD, University of Alabama at Birmingham, Birmingham, AL*

6:47 am – 6:53 am  
The Effect Of Computer-Assisted Surgery Training In The Placement Of Iliosacral Screws  
*Elizabeth W. Hubbard, MD, Duke University Medical Center, Durham, NC*

6:53 am – 6:59 am  
Epidemiology And Outcome Predictors For Patients Admitted With Acetabular Fractures  
*Leonard T. Buller, MD, University of Miami, Miami, FL*

6:59 am – 7:05 am  
Continual Near Infrared Spectroscopy Monitoring In Acute Compartment Syndrome  
*Michael S. Shuler, MD, Athens Regional Medical Center, Athens, GA  
Grady Memorial Hospital, Atlanta, GA; Atlanta Medical Center, Atlanta, GA*

7:05 am – 7:11 am  
Biomechanical Analysis Of Percutaneous Fixation Of Vertical Femoral Neck Fractures  
*Ryan Schnetzer, MD, University of Florida, Gainesville, FL*

7:11 am – 7:19 am  
Discussion

7:19 am – 7:25 am  
Risk Factors For Infection After Operative Fixation Of Tibial Plateau Fractures  
*Amit Momaya, MD, University of Alabama at Birmingham, Birmingham, AL*

7:25 am – 7:31 am  
Diagnosis Of Occult Ankle Fractures With Ipsilateral Tibial Shaft Fractures  
*Christopher Holden, MD, Shands at the University of Florida, Gainesville, FL*

7:31 am – 7:37 am  
Computer-Assisted Orthopaedic Surgery (CAOS) In The Treatment Of Intertrochanteric Fractures  
*Carlos J. Lavernia, MD, The Center for Advanced Orthopedics at Larkin, South Miami, FL*

7:37 am – 7:43 am  
Two Generations Of Intramedullary Nails For Diaphyseal Lower Extremity Fractures  
*Garland K. Gudger Jr., MD, Greenville Health System, Greenville, SC*

7:43 am – 7:49 am  
Acute Compartment Syndrome Of The Leg Following Trivial Trauma  
*Jared Hudspeth, MD, University of Florida Health, Jacksonville, FL*
7:49 am – 7:55 am  Rate Of Contralateral Hip Fractures Following DHS vs IMN Fixation
Jonathan D. Hughes, MD, Baylor Scott and White, Temple, TX

7:55 am – 8:01 am  Acute Shortening And Re-Lengthening In The Management Of Open Tibia Fractures With Severe Bone Of 14 cms Or More And Extensive Soft Tissue Loss
Pedro J. Reyes-Martínez, MD, UPR-Medical Sciences Campus, San Juan, PR

8:01 am – 8:10 am  Discussion

8:10 am – 8:30 am  Break: Visit EXHIBITS and POSTERS

GENERAL SESSION 6:  AAOS Report and Distinguished Southern Orthopaedist
Moderator:  Langdon A. Hartsock, MD, Medical University of South Carolina, Charleston, SC

8:30 am – 8:45 am  AAOS Report
David D. Teuscher, MD, American Academy of Orthopaedic Surgeons, Beaumont Bone and Joint Institution, Beaumont, TX

8:45 am - 8:50 am  Introduction of Distinguished Southern Orthopaedist
Langdon A. Hartsock, MD, Medical University of South Carolina, Charleston, SC

8:50 am - 9:20 am  Distinguished Southern Orthopaedist
Lamar L. Fleming, MD, Atlanta, GA
James R. Roberson, MD, Emory University, Atlanta, GA
Thomas J. Moore, MD, Emory University, Atlanta, GA
L. Andrew Koman, MD, Wake Forest University, Winston-Salem, NC
Frank B. Gray, MD, Knoxville, TN

RAPID FIRE SESSION 7A:  Mixed Topics/General Orthopaedics
Moderator:  Paul C. Collins, MD, Boise, ID

9:20 am – 9:24 am  Increased Patient Satisfaction With Mobile Compression Pumps For VTE Prophylaxis
Ryan M. Nunley, MD, Washington University School of Medicine/Barnes Jewish Hospital, St. Louis, MO

9:24 am – 9:25 am  Discussion

9:25 am – 9:29 am  Humeral Torsion Adaptation In Little League Pitchers Compared To Adolescents
Charles A. Thigpen, PhD, PT, ATC, Proaxis Therapy/Steadman Hawkins Clinic of the Carolinas/Greenville Health System, Greenville, SC

9:29 am – 9:30 am  Discussion

9:30 am – 9:34 am  Fibular Plate Conceals Malreduction Of Posterior Malleolar Fixation
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<td>9:34 am – 9:40 am</td>
<td>Discussion</td>
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| 9:40 am – 9:44 am | Variability In The Interpretation Of NSAID Utilization In Orthopaedic Surgery: A Systematic Review Of The Literature  
*Alejandro Marquez-Lara, MD, Wake Forest University School of Medicine, Winston-Salem, NC* |
| 9:44 am – 9:45 am | Discussion                                                           |
| 9:45 am – 9:49 am | Tennessee’s Narcotic Restrictions Have Reduced Preoperative Narcotic Usage In Arthroplasty Patients  
*Andrew Shinar, MD, Vanderbilt University Medical Center Medical Center, Nashville, TN* |
| 9:49 am – 9:50 am | Discussion                                                           |
| 9:50 am – 9:54 am | Diagnosing The Undiagnosed: Osteoporosis In Patients Undergoing Lumbar Fusion  
*Peter Formby, MD, Walter Reed National Military Medical Center, Bethesda, MD* |
| 9:54 am – 10:00 am | Discussion                                                           |

**RAPID FIRE SESSION 7B: Total Knee**
Moderator: Thomas L. Bradbury, MD, *Emory Healthcare, Atlanta, GA*

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| 9:20 am – 9:24 am | Weight Gain In A Young, Healthy Cohort After Total Knee Arthroplasty  
*Peter Formby, MD, Walter Reed National Military Medical Center, Bethesda, MD* |
| 9:24 am – 9:25 am | Discussion                                                           |
| 9:25 am – 9:29 am | Peri-Articular Injection Versus Combined Femoral/Sciatic Blocks In Total Knee Arthroplasty  
*Andrew Shinar, MD, Vanderbilt University Medical Center Medical Center, Nashville, TN* |
| 9:29 am – 9:30 am | Discussion                                                           |
| 9:30 am – 9:34 am | Bariatric Surgery Prior To Total Knee Arthroplasty Is Associated With Fewer Postoperative Complications  
*James A. Browne, MD, University of Virginia, Charlottesville, VA* |
| 9:34 am – 9:40 am | Discussion                                                           |
| 9:40 am – 9:44 am | Prospective, Randomized Trial Of Standard Vs Highly Cross-Linked Tibial Polyethylene In Primary PS Total Knee Arthroplasty |
Paul F. Lachiewicz, MD, Chapel Hill Orthopedics Surgery & Sports Medicine, Chapel Hill, NC

9:44 am – 9:45 am Discussion

9:45 am – 9:49 am Allogenic Transfusion In Primary Hip And Knee Arthroplasty Tranexamic Acid
Scott M. Sandilands, DO, The Center for Advanced Orthopedics at Larkin, South Miami, FL

9:49 am – 9:50 am Discussion

9:50 am – 9:54 am Day Of Week Does Not Influence LOS In Primary Joint Replacements
Paul K. Edwards, MD, University of Arkansas for Medical Sciences, Little Rock, AR

9:54 am – 10:00 am Discussion

RAPID FIRE SESSION 7C: Hand
Moderators: Michael S. Shuler, MD, Athens Regional Health System, Athens, GA

9:20 am – 9:24 am Effects Of Traction During Nerve Transection On Neuropathic Pain
Brooks Ficke, MD, University of Alabama at Birmingham, Birmingham, AL

9:24 am – 9:25 am Discussion

9:25 am – 9:29 am An App Provides Reliable Finger Measurement Faster Than A Goniometer
Jeremy C. Smalley, MD, Medical University of South Carolina, Charleston, SC

9:29 am – 9:30 am Discussion

9:30 am – 9:34 am Ultrasound vs Fluoroscopy Evaluation Of Screw Prominence Following Volar Distal Radius ORIF
Fraser J. Leversedge, MD, Duke University Medical Center, Durham, NC

9:34 am – 9:40 am Discussion

9:40 am – 9:44 am Locking Versus Lag-Locking Fixation For Distal Radius Fractures: Biomechanical Study
Amit Momaya, MD, University of Alabama at Birmingham, Birmingham, AL

9:44 am – 9:45 am Discussion

9:45 am – 9:49 am Ultrasound-Guided De Quervain’s Injection: Accuracy And Anatomic Considerations
Fraser J. Leversedge, MD, Duke University Medical Center, Durham, NC

9:49 am – 9:50 am Discussion
9:50 am – 9:54 am  
Dorsal Tangential View: A Useful Tool for Intraoperative Screw Assessment  
*Devin S. Ganesh, MD, Orlando Health, Orlando, FL*

9:54 am – 10:00 am  
Discussion

**RAPID FIRE SESSION 7D: Shoulder/Elbow Reconstruction**

**Moderator:** Claude Jarrett, MD, *Emory Healthcare, Atlanta, GA*

9:20 am – 9:24 am  
Patient Activity Levels After Reverse Total Shoulder Arthroplasty: What Are Patients Doing?  
*Grant H. Garcia, MD, Hospital For Special Surgery, New York, NY*

9:24 am – 9:25 am  
Discussion

9:25 am – 9:29 am  
Allogeneic Blood Transfusion Predicts Infectious Complications In Total Shoulder Arthroplasty  
*Abiram Bala, MD, Duke University Medical Center, Durham, NC*

9:29 am – 9:30 am  
Discussion

9:30 am – 9:34 am  
Revision With Reverse Total Shoulder Arthroplasty Following Periprosthetic Shoulder Infection  
*Daniel J. Hackett, MD, Georgia Regents University – Augusta, Augusta, GA*

9:34 am – 9:40 am  
Discussion

9:40 am – 9:44 am  
Outcomes Of Reverse Total Shoulder Arthroplasty In Patients 65 And Younger  
*Christopher Matthews, MD, University of Florida, Gainesville, FL*

9:44 am – 9:45 am  
Discussion

9:45 am – 9:49 am  
Combined In-Wound Exparel And IV Decadron In Shoulder Arthroplasty  
*Howard D. Routman, DO, John F. Kennedy Medical Center, Atlantis, FL*

9:49 am – 9:50 am  
Discussion

9:50 am – 9:54 am  
Perioperative Transfusion Predicts Early Periprosthetic Infection In Total Elbow Arthroplasty  
*Abiram Bala, MD, Duke University Medical Center, Durham, NC*

9:54 am – 10:00 am  
Discussion

10:00 am – 10:20 am  
Break: Visit EXHIBITS and POSTERS

**SYMPOSIUM 3: Shoulder**

**Moderator:** R. Alexander Creighton, MD, CAQSM, *University of North Carolina Orthopaedics, Chapel Hill, NC*
10:20 am – 11:10 am  What’s New In Shoulder Arthroplasty  
*R. Alexander Creighton, MD, CAQSM, University of North Carolina Orthopaedics, Chapel Hill, NC*

11:10 am – 12:10 pm  **SOA Luncheon -- Industry Presentation**

**SYMPOSIUM 4: Medical Liability**  
Moderator:  David D. Teuscher, MD, *Beaumont Bone and Joint Institute, Beaumont, TX*

12:10 pm – 12:50 pm  Medical Liability Update  
*B. Sonny Bal, MD, JD, MBA, University of Missouri, Columbia, MO*  
*Lawrence R. Brenner, JD, Yale School of Medicine, New Haven, CT*

**GENERAL SESSION 8: Pediatrics**  
Moderators:  Gregory A. Mencio, MD, *Monroe Carell Jr. Children’s Hospital at Vanderbilt, Nashville, TN*  
Robert W. Bruce Jr., MD, *Emory Healthcare, Atlanta, GA*

12:50 pm – 12:56 pm  Continued Delay In Diagnosis Of Slipped Capital Femoral Epiphysis  
*Robert Runner, MD, Children’s Hospital Los Angeles, Los Angeles, CA/Boston Children’s Hospital, Boston, MA/Children’s Healthcare of Atlanta, Atlanta, GA*

12:56 pm – 1:02 pm  Spanning External Fixation For Open Joint Injuries In Pediatric Burns  
*Daniel Torres, MD, The University of Texas Medical Branch, Galveston, TX*

1:02 pm – 1:08 pm  A Comparative Analysis Of IKDC Scores For Pediatric Knee Injuries  
*Marcus A. Rothermich, MD, Washington University in St. Louis, St. Louis, MO*

1:08 pm – 1:14 pm  Tranexamic Acid And Its Efficacy In Pediatric Hip Reconstruction Surgery  
*Ibidumo Igah, MBBS, MRCS, Royal London Hospital, London, England*

1:14 pm – 1:20 pm  Perioperative Risk Factors After Intramedullary Nailing Of Pediatric Femur Fractures  
*Amit Momaya, MD, University of Alabama at Birmingham, Birmingham, AL*

1:20 pm – 1:26 pm  Comparison Of Fatigue Characteristics Of Fully And Partially Threaded Cannulated Screws Used For Stabilization Of Slipped Capital Femoral Epiphysis  
*Stephen Stacey, MD, ME, Charleston, SC*

1:26 pm – 1:30 pm  Discussion

1:30 pm – 2:30 pm  **Scientific Poster Session** (Presenters will be available to answer questions.)

2:30 pm – 4:30 pm  **Multimedia Education Session**
Saturday, July 18

6:00 am – 6:30 am  **Scientific Poster Session** (Presenters will be available to answer questions.)

6:30 am  **Announcements**

*Lee R. Leddy, MD, Program Chair*

**GENERAL SESSION 9: Sports Medicine 2**
Moderator:  James K. Kercher, MD, *Peachtree Orthopaedic Clinic, Atlanta, GA*

6:35 am – 6:41 am  Left-Handed Pitchers ROM And Torsion Adapt Differently Than Right-Handed Pitcher

*Ellen Shanley, PhD, PT, OCS, Proaxis Therapy/Steadman Hawkins Clinic of the Carolinas/Greenville Health System, Greenville, SC*

6:41 am – 6:47 am  Biceps Tenodesis Superior To Tenotomy In Young Large Cuff Repairs

*Keith T. Lonergan, MD, Steadman Hawkins Clinic of the Carolinas/Greenville Health System/Proaxis Therapy; Greenville, SC*

6:47 am – 6:53 am  Massive Rotator Cuff Tears Repaired With Interposition Porcine Xenograft

*Julie A. Neumann, MD, Duke University Medical Center, Durham, NC*

6:53 am – 6:59 am  Combined Posterolateral Corner And ACL Injuries In A Pediatric Cohort

*K. Aaron Shaw, DO, Children's Mercy Hospital, Kansas City, MO*

6:59 am – 7:05 am  Biceps Tenodesis Superior To Tenotomy In Massive Irreparable Cuff Tears

*Michael J. Kissenberth, MD, Steadman Hawkins Clinic of the Carolinas/Greenville Health System/Proaxis Therapy, Greenville, SC*

7:05 am – 7:11 am  Perioperative Transfusion Predicts Early Prosthetic-Related Complications In Total Shoulder Arthroplasty

*Abrahim Bala, MD, Duke University Medical Center, Durham, NC*

7:11 am – 7:17 am  Discussion

7:17 am – 7:23 am  Shoulder Instability Management: A Survey of Experts

*Grant H. Garcia, MD, Hospital For Special Surgery, New York, NY*

7:23 am – 7:29 am  Association Of Torsion, ROM, And Little Leaguer’s Shoulder And Elbow

*Ellen Shanley, PhD, PT, OCS, Proaxis Therapy/Steadman Hawkins Clinic of the Carolinas/Greenville Health System, Greenville, SC*

7:29 am – 7:35 am  Minimalist Running: An Orthopaedic Point Of View

*Julie A. Neumann, MD, Duke University Medical Center, Durham, NC*

7:35 am – 7:41 am  Comparative Effectiveness Of Viscosupplement And Corticosteroid Injections For Knee Osteoarthritis

*Jonathon R. Staples, MD, Washington University St. Louis, St. Louis, MO*
7:41 am – 7:47 am Is Ketorolac The Next Intra-Articular Knee Injection For Osteoarthritis?
Jaime L. Bellamy, DO, MS, San Antonio Military Medical Center, Ft. Sam Houston, TX

7:47 am – 7:53 am Visualization Of Experimental Bone Defects By CT At Reduced Doses
Jamie J. Alexander, MD, The University of Texas Medical Branch, Galveston, TX

7:53 am – 8:00 am Discussion

SYMPOSIUM 5: Trauma
Moderator: Robert D. Zura, MD, Duke University Medical Center, Durham, NC

8:00 am - 8:40 am The Femur, Top To Bottom
Robert D. Zura, MD, Duke University Medical Center, Durham, NC

RAPID FIRE SESSION 10A: Mixed Topics/General Orthopaedics
Moderators: Ana K. Palmieri, MD, Collierville Orthopaedics, Germantown, TN
Zeke Walton, MD, Medical University of South Carolina, Charleston, SC

8:40 am – 8:44 am Risk Factors For Disease Progression After Surgical Treatment Of Extremity Metastatic Bone Disease
Mitchell R. Klement, MD, Duke University Medical Center, Durham, NC

8:44 am – 8:45 am Discussion

8:45 am – 8:49 am Novel Intraoperative Laser Ablation System For Treatment Of Residual Sarcoma
Alexander L. Lazarides, BSc, Duke University Medical Center, Durham, NC

8:49 am – 8:50 am Discussion

8:50 am – 8:54 am Does Obesity Affect Soft-Tissue Sarcoma Outcomes
John R. Harris, MD, University of Arkansas for Medical Sciences, Little Rock, AR

8:54 am – 9:00 am Discussion

9:00 am – 9:04 am Optimal Treatment Of Malignant Long Bone Fracture
Robert E. Holmes, MD, Medical University of South Carolina, Charleston, SC

9:04 am – 9:05 am Discussion

9:05 am – 9:09 am Tranexamic Acid Reduces Allogeneic Transfusion, Hematocrit Decrease Compared To OrthoPAT
Thomas M. O’Gorman, Vanderbilt University Medical Center, Nashville, TN

9:09 am – 9:10 am Discussion
9:10 am – 9:14 am  Outcomes Among Illicit Substance Misusers Undergoing Hip Or Knee Arthroplasty
Leonard T. Buller, MD, University of Miami, Miami, FL

9:14 am – 9:20 am  Discussion

RAPID FIRE SESSION 10B: Total Joint Arthroplasty
Moderator: C. Lowry Barnes, MD, Hip Knee Arkansas Foundation, Little Rock, AR

8:40 am – 8:44 am  Use Of Intravenous Perioperative Tranexamic Acid In Total Joint Arthroplasty: The Military Experience
Peter Formby, MD, Walter Reed National Military Medical Center, Bethesda, MD

8:44 am – 8:45 am  Discussion

8:45 am – 8:49 am  Influence Of Alcohol Misuse On Total Hip And Knee Arthroplasty
Leonard T. Buller, MD, University of Miami, Miami, FL

8:49 am – 8:50 am  Discussion

8:50 am – 8:54 am  Complex Total Joint Arthroplasty: Length Of Stay And Discharge Disposition?
Eric M. Greber, MD, University of Arkansas for Medical Sciences, Little Rock, AR

8:54 am – 9:00 am  Discussion

9:00 am – 9:04 am  Perioperative Management Of The Thrombocytopenic Patient In Total Joint Arthroplasty
Devin S. Ganesh, MD, Orlando Health, Orlando, FL

9:04 am – 9:05 am  Discussion

9:05 am – 9:09 am  Primary THA In The Super Obese: Dramatically Higher Postoperative Complication Rates Even When Compared To Revision Surgery
James A. Browne, MD, University of Virginia, Charlottesville, VA

9:09 am – 9:10 am  Discussion

9:10 am – 9:14 am  Resident Education And Physician Extenders In TJA: Costs And Outcomes
Carlos J. Lavernia, MD, The Center for Advanced Orthopedics at Larkin, South Miami, FL

9:14 am – 9:20 am  Discussion

RAPID FIRE SESSION 10C: Spine
Moderator: Gregory Grabowski, MD, University Specialty Clinics, Columbia, SC

8:40 am – 8:44 am  Sagittal Balance And Lordosis Correction In Lateral Interbody Fusion
Daniel J. Blizzard, MD, Durham, NC

8:44 am – 8:45 am Discussion

8:45 am – 8:49 am Computer-Assisted Navigation Versus Fluoroscopy In Anterior Transpedicular Screw Targeting
Andrew G. Patton, MD, The University of Texas Medical Branch, Galveston, TX

8:49 am – 8:50 am Discussion

8:50 am – 8:54 am Persistent Axial Neck Pain After Cervical Disc Arthroplasty: A Radiographic Analysis
Scott Wagner, MD, Walter Reed National Military Medical Center, Bethesda, MD

8:54 am – 9:00 am Discussion

9:00 am – 9:04 am Outcomes After Operative Management Of Combat-Related Low Lumbar Burst Fractures
Peter Formby, MD, Walter Reed National Military Medical Center, Bethesda, MD

9:04 am – 9:05 am Discussion

9:05 am – 9:09 am C5 Nerve Palsy In Posterior Cervical Spinal Surgery: Does Width Of Laminectomy Matter?
Mitchell R. Klement, MD, Duke University Medical Center, Durham, NC

9:09 am – 9:10 am Discussion

9:10 am – 9:14 am Interbody Cage Height Affects Subsidence After Transforaminal Lumbar Interbody Fusion
Peter Formby, MD, Walter Reed National Military Medical Center, Bethesda, MD

9:14 am – 9:20 am Discussion

RAPID FIRE SESSION 10D: Hip
Moderator: James A. Browne, MD, University of Virginia School of Medicine, Charlottesville, VA

8:40 am – 8:44 am Arthroscopic And Open Treatment Of Femoroacetabular Impingement: Systematic Review Of Long Term Outcomes
Benedict U. Nwachukwu, MD, MBA, LESS Institute, Sports Medicine Department, Fort Lauderdale, FL

8:44 am – 8:45 am Discussion

8:45 am – 8:49 am Total Hip Arthroplasty In Patients With Parkinson’s Disease: Worth The Risks?
Travis J. Dekker, MD, Duke University, Durham, NC
8:49 am – 8:50 am  Discussion

8:50 am – 8:54 am  Severe Hardware Impingement Seen Via Hip Arthroscopy In A Remote Pediatric Femoral Neck Fracture
Ross M. Dunbar, MD, Ochsner Clinic Foundation, New Orleans, LA

8:54 am – 9:00 am  Discussion

9:00 am – 9:04 am  Total Hip Arthroplasty In Osteoporotic Patients: Medicare Data Review
Timmothy R. Randell, MD, Duke University Medical Center, Durham, NC

9:04 am – 9:05 am  Discussion

9:05 am – 9:09 am  Intergluteal Stripe Is Associated With Outcome After Endoscopic Abductor Repair
Clint R. Beicker, MD, Steadman Hawkins Clinic of the Carolinas/Greenville Health System/Proaxis Therapy, Greenville, SC

9:09 am – 9:10 am  Discussion

9:10 am – 9:14 am  Prospective Evaluation Of Bone Density Following Hip Arthroplasty Surgery In A Cohort Of Young, Active Patients
Ryan M. Nunley, MD, Washington University School of Medicine/Barnes Jewish Hospital St. Louis, MO

9:14 am – 9:20 am  Discussion

9:20 am – 9:45 am  Break: Visit EXHIBITS and POSTERS

GENERAL SESSION 11: BOC Report and Presidential Address
Moderator:  Lee R. Leddy, MD, Medical University of South Carolina, Charleston, SC

9:45 am - 9:55 am  BOC Report
Frederick C. Flandry, MD, FACS, Columbus, GA

9:55 am - 10:00 am  Introduction of Presidential Address
Lee R. Leddy, MD, Medical University of South Carolina, Charleston, SC

10:00 am - 10:30 am  Presidential Address
Langdon A. Hartsock, MD, Medical University of South Carolina, Charleston, SC

10:30 am – 10:40 am  Refreshment Break

SYMPOSIUM 6: Young Arthritic Patient
Moderator:  Vincent D. Pellegrini Jr., MD, Medical University of South Carolina, Charleston, SC

10:40 am – 11:20 am  Approach to the Young Arthritic Patient
Vincent D. Pellegrini Jr., MD, Medical University of South Carolina, Charleston, SC
GENERAL SESSION 12: Hand and Upper Extremity
Moderator: A. Rashard Dacus, MD, University of Virginia School of Medicine, Charlottesville, VA

11:20 am – 11:26 am  MRI Utilization For Rotator Cuff Tears By PCPs And Orthopaedists
Jeremy C. Smalley, MD, Medical University of South Carolina, Charleston, SC

11:26 am – 11:32 am  Finger Motion For Detection Of Intratendinous Needle Placement: A Cadaveric Study
Harlan McMillan Starr Jr., MD, The Curtis National Hand Center Union Memorial Hospital, Baltimore, MD

11:32 am – 11:38 am  Pre-Coutoured Olecranon Plate In Treatment Of Comminuted Fractures - A Cadaveric Model
David A. Hamilton Jr., MD, MBA, University of Kentucky, Lexington, KY

11:38 am – 11:44 am  Economic Impact Of Preforming Elective Saturday Hand Surgery
Jonathan Katz, MD, Medical University of South Carolina, Charleston, SC

11:44 am – 11:50 am  Surgical Treatment Outcomes For Atraumatic Osteonecrosis Of The Humeral Head
Justin Kennon, MD, Medical College of Georgia Department of Orthopaedics, Augusta, GA

11:50 am – 11:56 am  The Incidence Of Propionibacterium Acnes In Open Shoulder Surgery: A Controlled Diagnostic Study
Mitchell R. Klement, MD, Duke University Medical Center, Durham, NC

11:56 am – 12:00 pm  Discussion

12:00 pm – 12:15 pm  Second Business Meeting

12:00 pm – 1:00 pm  Scientific Poster Session (Presenters will be available to answer questions.)

1:00 pm – 3:00 pm  Multimedia Education Session