Come Visit Us at the
American Academy of Orthopedic Surgeons
Annual Meeting

Orlando, Florida - March 1 – 5, 2016
Tuesday, Mar 01, 2016

Instructional Course Lectures

**Session 103**: Management of Complex Foot and Ankle Injuries in the Athlete  
**Session Date/Time**: Tuesday, Mar 01, 2016, 8:00 AM - 10:00 AM  
**Location**: Room W205A  
**Moderator**: Robert B. Anderson, MD, Charlotte, North Carolina

**Session Description**: Treating foot and ankle injuries in the athlete requires an understanding of their unique mechanism, surgical options, and rehabilitation issues. These are addressed for stress fractures, ligament injuries, achilles/peroneal tendon disorders, and the syndemosis.

**Session CD3**: Leadership 2.0: How to be a More Effective Leader  
**Session Date/Time**: Tuesday, Mar 01, 2016, 11:00 AM - 12:00 PM  
**Location**: Room W209B  
**Moderator**: Thomas K. Fehring, MD, Charlotte, North Carolina

**Session Description**: Understanding that leaders are developed not born, this course helps leaders of all levels cast a bold vision and equip their teams to achieve stated goals. Team building, mentoring, and inertia avoidance are discussed along with time management and strategies to maintain balance.

**Session 161**: Primary Total Hip Arthroplasty: Everything You Need to Know  
**Session Date/Time**: Tuesday, Mar 01, 2016, 4:00 PM - 6:00 PM  
**Location**: Room W304E  
**Presentation**: Surgical Approaches to the Hip, J. B. Mason, MD, Charlotte, North Carolina

**Session Description**: Course presenters review preoperative and postoperative strategies to improve outcomes, component preparation and implantation techniques (video demonstrations), and bearing surface selection.

**Session 162**: The Land of Ligaments: Navigating Sprains, Strains, and Ruptures about the Foot and Ankle  
**Session Date/Time**: Tuesday, Mar 01, 2016, 4:00 PM - 6:00 PM  
**Location**: Room W307C  
**Presentation**: Lisfranc injuries, Robert B. Anderson, MD, Charlotte, North Carolina  
**Moderator**: Robert B. Anderson, MD, Charlotte, North Carolina

**Session Description**: A spectrum of ligamentous injuries about the ankle and foot are presented with emphasis on those occurring in sport. Case studies and videos are used to illustrate.
Tuesday, Mar 01, 2016

Scientific & Technical Exhibits

Session 101: Safe Adaptation of Anterior Total Hip Arthroplasty With and Without a Specialized Table

Session Date/Time: Tuesday, Mar 01, 2016, 8:00 AM -10:00 AM • Location Room W204

Presentations:
- Surgical technique for femoral exposure using a specialized table - video presentation, J. B. Mason, MD, Charlotte, North Carolina
- Review of surgical anatomy for DA-THA - cadaver video dissection/Management of technical complication - video presentation, John L. Masonis, MD
- Moderator J. B. Mason, MD, Charlotte, North Carolina

Session Description: Utilizes video and didactic material to introduce the audience to direct anterior total hip arthroplasty and outlines best practice strategies for adaptation including discussion of risks and pitfalls of the procedure.

Symposium

Session A: The Essentials for Creating Value in a Knee Arthroplasty Practice

Session Date/Time: Tuesday, Mar 01, 2016, 8:00 AM -10:00 AM • Location Valencia Room A

Presentations:
- Debate: I do not use injections in my practice, William L. Griffin, MD, Charlotte, North Carolina
- The most important things that I do to avoid infection, Thomas K. Fehring, MD, Charlotte, North Carolina
- Managing the post-discharge expenses: SNF, HH, Bryan D. Springer, MD, Charlotte, North Carolina

Session Description: The United States healthcare system is evolving to promote and incentivize value over volume. This change requires providers who manage patients with knee conditions to modify their strategies for delivering care, and to develop new skill sets.

Session E: Hot Topics and Controversies in Revision Total Hip Arthroplasty

Session Date/Time: Tuesday, Mar 01, 2016, 1:30 PM - 3:30 PM • Location Valencia Room A

Presentation: Custom triflage is best for revisions with massive bone loss, Thomas K. Fehring, MD, Charlotte, North Carolina

Session Description: Covers, in didactic, case-based, and using video clips, the current controversies in revision total hip arthroplasty. The topics included are exposure options - why and when; acetabular revision choices when there is bone loss; dislocation options; hemi-explantation for infected hip; and the controversy of modular vs. non-modular fluted femoral components.
**Session Title:** Trauma IV  **Subcategory:** Geriatric  
**Session Date/Time:** Wednesday, Mar 02, 2016, 1:30 PM - 3:30 PM  
**Location:** Room W304A  
**Paper 389. Operative Fixation Versus Distal Femur Replacement Arthroplasty for Comminuted Distal Femur Fractures**  

**Session Title:** Adult Reconstruction Hip III  **Subcategory:** Primary THR  
**Session Date/Time:** Wednesday, Mar 02, 2016, 4:00 PM - 6:00 PM  
**Location:** Valencia Room D  
**Paper 418. The Direct Anterior Approach is a Risk Factor for Early Failure in Cementless THA: A Multi-Center Study**  

**Symposium**

**Session K:** Foot and Ankle Surgery for the Sports Medicine Physician  
**Session Date/Time:** Wednesday, Mar 02, 2016, 10:30 AM -12:30 PM  
**Location:** Chapin Theater  
**Presentation:** Lis Franc Fractures and Sprains in the Elite Athlete, Robert B. Anderson, MD, Charlotte, North Carolina

**Session Description:**  
Foot and ankle problems account for over 20% of the sports medicine injuries seen on the field of play, yet understanding of these problems is often limited to the fellowship trained foot and ankle surgeon. The primary objective of this symposia is to discuss the most common problems seen on field, the management of these problems, and the most advanced treatment options.

**Case Presentations**

**Session 287:** Revision Total Knee Arthroplasty Essentials: A Case-based Approach  
**Session Date/Time:** Wednesday, Mar 02, 2016, 4:00 PM - 6:00 PM  
**Location:** Room W207  
**Presentation:** Cases, Bryan D. Springer, MD, Charlotte, North Carolina

**Session Description:**  
Addresses the essentials of revision total knee arthroplasty (TKA) with a focus on surgical indications and practical solutions to the most common revision challenges: instability, stiffness, bone loss, and infection.
Thursday, Mar 03, 2016

Instructional Course Lectures

**Session 322:** The Urban Legends of Total Knee Arthroplasty  
**Session Date/Time:** Thursday, Mar 03, 2016, 10:30 AM -12:30 PM  
**Location** Room W314  
**Presentation:** Urban Legends in the Intraoperative Period, J. B. Mason, MD, Charlotte, North Carolina  
**Moderator** Bryan D. Springer, MD, Charlotte, North Carolina

**Session Description:** Focuses on evidence-based medicine as it relates to common myths and legends that continue to be practiced in total knee arthroplasty. Each speaker deals with related urban legends in the preoperative, intraoperative, and postoperative time period in an effort to provide evidence-based practice-changing guidelines for the audience.

**Session 363:** Nuts and Bolts of Foot and Ankle Injuries in the Athlete  
**Session Date/Time:** Thursday, Mar 03, 2016, 4:00 PM - 6:00 PM  
**Location** Room W308C  
**Presentation:** Ankle Ligament Injuries, Robert B. Anderson, MD, Charlotte, North Carolina

**Session Description:** Provides an overview of how injury management has evolved over time to improve outcome and also allow the athlete a safe and early return to activity. Faculty discusses new innovations in treatment options for specific injuries and also concentrates on postoperative care and rehabilitation techniques to facilitate return to sport. Specific attention is given not only to the serious athlete, but also the weekend warrior and dancers.

**Session 361:** Prevention, Diagnosis, and Treatment of Periprosthetic Joint Infection: An Analysis  
**Session Date/Time:** Thursday, Mar 03, 2016, 4:00 PM - 6:00 PM  
**Location** Room W314  
**Presentation:** Patient Optimization prior to surgery: Case Based Examples and Management, Bryan D. Springer, MD, Charlotte, North Carolina  
**Moderator** Bryan D. Springer, MD, Charlotte, North Carolina

**Session Description:** Focuses on the challenges and controversies of prevention, diagnosis, and treatment. Rather than a standard didactic session, the panel explores illustrative case examples and analysis that are common to the practicing orthopaedic surgeon.

**Paper Presentations**

**Session Title:** Adult Reconstruction Knee  
**Subcategory:** Revision TKA/basic science  
**Session Date/Time:** Thursday, Mar 03, 2016, 8:00 AM -10:00 AM  
**Location:** Valencia Room D  
**Paper 473.** Catastrophic Varus Collapse of the Tibia in Obese Total Knee Patients  
**Thomas K. Fehring, MD,** Charlotte, North Carolina, Keith Fehring, MD, Rochester, Minnesota, **Bryan D. Springer, MD,** Charlotte, North Carolina
Thursday, Mar 03, 2016

Session Title: Trauma VI
Session Date/Time: Thursday, Mar 03, 2016, 10:30 AM -12:30 PM • Location: Room W414

Paper 547. A Quantitative Analysis of Extensile Approaches to the Humerus

Case Presentations

Session 381: Management of Infected Total Joint Arthroplasty in 2016 – Where Do We Stand Now?
Session Date/Time: Thursday, Mar 03, 2016, 8:00 AM -10:00 AM • Location Room W207
Presentations:
• Bryan D. Springer, MD, Charlotte, North Carolina, 7 cases involving hip and knee arthroplasty,
• Brian M. Curtin, MD, Charlotte, North Carolina, 7 cases involving hip and knee arthroplasty,
Moderator Thomas K. Fehring, MD, Charlotte, North Carolina

Session Description: As the number of total joints performed increases exponentially, so too will the infection burden. This course helps all arthroplasty surgeons become well versed in the diagnosis and management of patients with a periprosthetic infection through a case-based format.
Instructional Course Lectures

Session 423: Surgical Treatment of Charcot Foot
Session Date/Time: Friday, Mar 04, 2016, 10:30 AM -12:30 PM • Location Room W308C
Presentation: Circular External Fixation, Carroll P. Jones, MD, Charlotte, North Carolina

Session Description: There is an evidence-based appreciation that the deformity associated with Charcot Foot leads to poor clinical outcomes. This case-based course discusses the evidence-supported rationale for use of the new superconstruct internal fixation and static circular external fixation devices.

Paper Presentations

Session Title: Foot & Ankle III  Subcategory: All About Ankle Fractures
Session Date/Time: Friday, Mar 04, 2016, 8:00 AM -10:00 AM • Location: Room W315
Paper 744. Does Physical Therapy Predict Outcomes after Ankle Fractures and Ankle Fracture Dislocations?

Session Title: Adult Reconstruction Hip VII  Subcategory: Revision THR
Session Date/Time: Friday, Mar 04, 2016, 1:30 PM - 3:30 PM • Location: Valencia Room D
Paper 814. Bilateral Hip Arthroplasty is No Riskier than Unilateral Hip Arthroplasty: A Matched Cohort Study

Symposium

Session Y: Preoperative Optimization of Total Joint Arthroplasty Surgical Risk
Session Date/Time: Friday, Mar 04, 2016, 8:00 AM -10:00 AM • Location Chapin Theater
Presentation: Tobacco Cessation, Bryan D. Springer, MD, Charlotte, North Carolina
Session Description: Identifies “modifiable” risk factors significantly contributing to poor clinical outcome following TJA. Although some of these modifiable risk factors may be longstanding and recalcitrant to change, patients may express renewed interest in addressing them if they stand in the way of obtaining TJA, a procedure they hope will result in quality of life improvement. We suggest a perioperative orthopaedic surgical home (POSH) model to help with this process. Faculty discusses the advantages of preoperative optimization of TJA patients.
Friday, Mar 04, 2016

Case Presentations

**Session 484:** Personalized Approach to the Painful Aseptic Total Knee Arthroplasty  
**Session Date/Time:** Friday, Mar 04, 2016, 10:30 AM -12:30 PM • **Location** Room W208  
**Presentation:** William L. Griffin, MD, Charlotte, North Carolina, Faculty

**Session Description:** By better understanding the classification, diagnosis, and treatment options for aseptic pain, orthopaedic surgeons may benefit their total knee arthroplasty patients through a greater understanding of this potentially debilitating complication.

**Session 487:** How to Do a Complex Total Knee Arthroplasty: Case-based Presentation  
**Session Date/Time:** Friday, Mar 04, 2016, 4:00 PM - 6:00 PM • **Location** Room W207  
**Presentations:** Table instructor, Brian M. Curtin, MD, Charlotte, North Carolina

**Session Description:** This is a case-based course focusing primarily on complex or more challenging primary total knee arthroplasty (TKA). Case presentations and group discussion center on preop planning, surgical execution, implant options, and avoidance of complications. Cases include severe varus and valgus deformity, posttraumatic arthritis and deformity, failed uniarthroplasty, obesity, and patients with co-morbid conditions.

Poster Tour

**Session Title:** Poster Tour - Practice Management  
**Session Date/Time:** Friday, Mar 04, 2016, 10:00 AM -11:00 AM • **Location** Academy Hall C  
**Moderator** Daniel B. Murrey, MD, Charlotte, North Carolina
Saturday, Mar 05, 2016

**Specialty Day**

**Session Type:** Specialty Day - Knee Society/AAHKS  
**Session 1:** Minimizing TKA Complications  
**Session Date/Time:** Saturday, Mar 05, 2016, 8:05 AM - 8:52 AM  
**Location:** Valencia Room B  
**Presentation:** Instability, Thomas K. Fehring, MD, Charlotte, North Carolina

**Session Type:** Specialty Day - Hip Society/AAHKS  
**Session I:** Direct Anterior THA: Controversies, Data, Technique in 2016  
**Session Date/Time:** Saturday, Mar 05, 2016, 8:05 AM - 8:49 AM  
**Location:** Valencia Room A  
**Presentation:** The Accumulated Evidence Supports Posterior Approach THA as the Gold Standard in 2016, Bryan D. Springer, MD, Charlotte, North Carolina

**Session Type:** Specialty Day - AOFAS  
**Symposium II:** Do You Believe in This Pixie Dust?  
**Session Date/Time:** Saturday, Mar 05, 2016, 8:10 AM - 9:20 AM  
**Location:** Room W224  
**Presentation:** Best Way to Treat that Plantar Plate Tear of the 1st MTP, Robert B. Anderson, MD, Charlotte, North Carolina

**Session Type:** Specialty Day - Knee Society/AAHKS  
**Session IV:** Transitioning to Value-Based Healthcare  
**Session Date/Time:** Saturday, Mar 05, 2016, 11:04 AM - 12:00 PM  
**Location:** Valencia Room B  
**Presentations:** Private Practice Models Are More Nimble, Daniel B. Murrey, MD, Charlotte, North Carolina

**Session Type:** Specialty Day - Hip Society/AAHKS  
**Session VII:** Is Cross-linked Poly Now the Bearing of Choice?  
**Session Date/Time:** Saturday, Mar 05, 2016, 1:29 PM - 2:19 PM  
**Location:** Valencia Room A  
**Presentation:** Failed Metal-on-Metal: When Should it be Revised? Symptoms, Metal Levels, and 3-D Imaging Interpretation, William L. Griffin, MD, Charlotte, North Carolina

**Session Type:** Specialty Day - Knee Society/AAHKS  
**Session IX:** Transitioning to Outpatient TKA  
**Session Date/Time:** Saturday, Mar 05, 2016, 4:36 PM - 5:00 PM  
**Location:** Valencia Room B  
**Presentation:** Outpatient TKA is a Triumph of Knowledge Over Reason, Bryan D. Springer, MD, Charlotte, North Carolina
Poster Presentations

*Tuesday, March 1st through Friday, March 4th, 7:00AM - 6:00PM and Saturday, March 5th, 7:00AM- 3:00PM in Academy Hall C*

**P001-P105: Adult Reconstruction Hip Posters**

P042. The Results of Second 2-Stage Reimplantations for Periprosthetic Hip Infection

Keith Fehring, MD, Rochester, Minnesota, Matthew P. Abdel, MD, Rochester, Minnesota, Tad M. Mabry, MD, Rochester, Minnesota, Arlen D. Hanssen, MD, Rochester, Minnesota

**P106-P205: Adult Reconstruction Knee Posters**

P159. Can You Crosswalk Original Knee Society Scores to the New 2011 Knee Society Score?

Susan M. Odum, PhD, Charlotte, North Carolina, Thomas K. Fehring, MD, Charlotte, North Carolina

P178. Vancomycin Administration for Reported Penicillin Allergy Increases Gram Negative Joint Infection


P204. The Results of Second 2-stage Reimplantations for Periprosthetic Knee Infection

Keith Fehring, MD, Rochester, Minnesota, Matthew P. Abdel, MD, Rochester, Minnesota, Tad M. Mabry, MD, Rochester, Minnesota, Arlen D. Hanssen, MD, Rochester, Minnesota

**P261-P280: Practice Management/Rehabilitation Posters**

P276. A Validation Study of Patient-Reported Outcome Measures for Patients with Upper Extremity Morbidity


P279. Nasal Decolonization of S. aureus Reduces Surgical Site Infections in TJA Patients: A Meta-Analysis

Bryce A. Van Doren, MA, MPH, Charlotte, North Carolina, Susan M. Odum, PhD, Charlotte, North Carolina, Mason Haber, PhD, Charlotte, North Carolina, Michael Baratz, MD, Brookline, Massachusetts, Bryan D. Springer, MD, Charlotte, North Carolina

**P281-P340: Shoulder and Elbow Posters**

P326. Comparison of Asymmetric Reaming versus a Posteriorly Augmented Component