

**AAOS/AAHKS/The Hip Society
Meeting the Challenges of Total Hip Arthroplasty:
Approaches, Complications and Contemporary Issues #3083
July 20-22, 2017, OLC Education and Conference Center, Rosemont, IL
Scott M. Sporer, MD, Hany Bedair, MD and John Keggi, MD, Course Directors**

DAILY SCHEDULE

**as of March 21, 2017
16.5 CMEs**

Thursday, July 20

- 4:00 pm Registration (*OLC Registration Desk*)
- 4:30 Welcome and Course Overview
Scott Sporer, MD, Hany Bedair, MD, John Keggi, MD

PREOPERATIVE PLANNING THA (TEMPLATING, STEM CHOICE, DEFORMITY, SCOLIOSIS)

- 4:40 Templating Standard THA Including Leg Length Assessment
- Basics of templating
 - Importance of templating
 - Leg length and offset evaluation
 - When to lengthen
 - What do you use for landmarks
 - Dysplasia Templating
 - Deformity Templating
- 4:50 Stem Choices in THA
- When do you use a specific stem type
 - Avoiding diaphyseal/metaphyseal mismatch
 - Use of modularity
 - Use of proximal vs. distal fixation
 - Tapered vs. cylindrical
 - Include offset and version concerns
 - Cemented stems and current data
- 5:00 Small Group Case Discussion: Standard Hip with Severe Offset, Femoral Deformity And Type II Dysplasia, Lumbar Fusion
- 6:00 Dinner

PERIOPERATIVE EVALUATION/MANAGEMENT

- 6:15 Pre-Operative Assessment: Weight, Smoking, Diabetes, Nutrition, Lab Tests, Urinalysis, Nasal Screening for Staph Colonization
- Preoperative evaluation
 - What Should Surgeons Be Looking for Before Surgery
 - Are There Reasons to Cancel the Case; Should There Be Cutoffs for BMI, A1C
 - How Can Outcomes Be Optimized; Weight Loss Surgery, Smoking Cessation, etc.

- 6:30 Intra-Operative Assessment: Blood Management, Hip Precautions, Anesthesia, Pain, Medications, Post-Operative Assessment: DVT Prophylaxis, Therapy
- TXA, EPO, Drains
 - What Do You Do Intraoperatively and Postoperatively
 - Current Literature Surrounding These Topics
 - Multimodal Pain Management, Injection Cocktails, Anesthesia and Blood Management Protocols

BEARING OPTIONS: CURRENT STATE

- 6:40 Long Term Data/Indications Cross-linked Polyethylene
- Current Literature re: Results of Cross-linked Poly
 - Current Indications
 - Potential Concerns in the Future
 - Is There a Need for Vitamin E
 - Should Choice Change Depending on Patient's Age/activity
- Long Term Data/Indication Ceramic or MOM Bearings
- Current Literature of Results
 - Current Indications
 - Potential Concerns
 - How to Make the Bearing Decision

7:05 Course Adjourns

7:15 – 8:15 **INDUSTRY SPOTLIGHT SESSION (non-CME)**

FRIDAY, JULY 21

7:00 am Lab Orientation

SURGICAL APPROACH

7:15 **PRE-RECORDED VIDEO DEMONSTRATION**
Posterior Approach including Pearls

7:30 **PRE-RECORDED VIDEO DEMONSTRATION**
Direct Lateral Approach including Pearls

7:45 **PRE-RECORDED VIDEO DEMONSTRATION**
Anterior Approach Table including Pearls

8:00 **FACULTY SURGICAL DEMONSTRATION**
Anterior Approach No Table: Techniques and Pearls

8:20 **FACULTY SURGICAL DEMONSTRATION**
Extensile Approach with Direct Anterior

- What to do with Calcar Fracture
- Pearls for Exposure in Simple Revision
- How to do an ETO

8:40 Questions/Answers

9:00 Refreshment Break

9:20 HANDS-ON SURGICAL SKILLS LAB Surgical Approaches for Primary THR: Anterior and Posterior Inserted Cemented Primary Stem, Acetabular Component Position
 *During this lab time, two cadaveric specimens will be available for participants to observe faculty experts demonstrating anterior with table and anterior without table

11:30 Working Lunch

JOINT ARTHROPLASTY 2017: WHAT'S NEW?

11:45 Same Day Surgery

- What is required for a successful outcome
- Patient selection criteria
- What needs to be done preop, intraop and postop for a successful result
- Pain Protocol

12:00 pm What Surgical Approach Should I Use? Separating the Evidence from the Hype

- Literature-based Review
- Absolute indications/contra-indications for each approach
- How do I Incorporate a New Approach into My Practice?

COMPLICATIONS: PRIMARY THR

- 12:15 Intraoperative Complication: Fracture, Nerve Injury, Vascular Injury, Difficulty Gaining Fixation, Intraoperative Instability
- How to Deal with Intraoperative Complications
 - What is the Incidence of These Complications
 - “Real World” Scenarios Regarding Challenges in the OR
- 12:30 Postoperative Complications: Early Stem Subsidence, Acetabular Fracture, Femoral Fracture, Hip Dislocation
- How to Deal with Postoperative Complications
 - What is the Incidence of These Complications
 - “Real World” Scenarios Regarding Challenges in the OR

REVISION TOTAL HIP

- 12:45 Principles of Managing Femoral Bone Loss Including Implants
- Approaches: Anterior, Lateral vs. Posterior: Which is Appropriate?
 - Stem Choices
 - Current Literature
 - How or If Your Implant Choice has Evolved
 - What Specifically Do You Do Preoperatively and Postoperatively for a Femoral Revision?
- 1:00 Principles of Managing Acetabular Bone Loss Including Implants
- Approaches: Anterior, Lateral vs. Posterior: Which is Appropriate?
 - Current Literature
 - How or If you Implant Choice has Evolved
 - What Specifically Do You Do Preoperatively and Postoperatively When Approached with an Acetabular Revision?
 - Preoperative and Intraoperative Imaging
- 1:15 **PRE-RECORDED VIDEO DEMONSTRATION**
Insertion of Modular Tapered Stem: Techniques and Pearls
- 1:25 **PRE-RECORDED VIDEO DEMONSTRATION**
Insertion of Hemispherical Component and Acetabular Component
- 1:35 **PRE-RECORDED VIDEO DEMONSTRATION**
Extended Trochanteric Osteotomy
- 1:45 Questions/Answers
- 2:00 Refreshment Break

2:15	HANDS-ON SKILLS LAB (LAB B) Removal of Cemented Stem, Modular Tapered Stem, Extended Trochanteric Osteotomy, Hemispherical Acetabular Component and Augment *During this lab time, a cadaveric specimen will be available for participants to observe faculty experts demonstrating acetabular augment and extended trochanteric osteotomy
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4:15 Free Dissection Time

5:00 Course Adjourns

6:00 – 7:00 **INDUSTRY SPOTLIGHT SESSION (non-CME)**

SATURDAY, JULY 22

7:00 am **INDUSTRY SPOTLIGHT SESSION (non-CME)**

- 8:00 am Evaluation of the Painful THA
- How Do You Evaluate a Patient with Pain?
 - Physical Exam
 - Lab Exam
 - Radiologic Exam
 - Algorithm to Follow for the Patient in Pain
- 8:15 Diagnosis of Infection
- Lab Tests
 - Radiologic Tests
 - What to do with Biomarkers
 - AAOS, CPG and MSIS Statements
- 8:30 Treatment Principles of PJI (Early and Late, CPG)
- Current Approach to Infection in Acute, Chronic and Postop Infections
 - I&D vs. Two-stage: Is There a Role for One-stage?
 - Algorithm to Follow When a Patient is Infected
- 8:45 Hip Instability
- Radiographic Evaluation of Components: Principle of Combined Version
 - Lumbar Spine
 - When to Use Constraint
 - When to Use Dual Mobility
 - Evaluation of Patient Factors (co-morbidities, spine pathology)
- 9:00 Metal-Metal Bearing and Trunion Issues
- How to Evaluate (lab tests, MRI, U/S)
 - When to Operate
 - Choice of Implants
- 9:15 Periprosthetic Femur Fracture
- Classification
 - Treatment Options
 - How to Manage Interprosthetic Fractures
- 9:30 Small Group Discussion: 3 Cases of Femoral and Acetabular Bone Loss: Management of Retroverted Socket
- Treatment Options
 - Surgical Approach
 - Implants
 - Postoperative Care
- 11:00 Working Lunch
- 11:15 Complex Case Discussions
- Participants to bring their cases to discuss. Moderator to bring complex cases as well.

HOT TOPICS

Moderator:

12:00 pm Computer Navigation and Robotic Assisted Surgery: What is the Current Role?

12:15 Pressure to Discharge to Home without Postoperative Therapy

12:30 Patient Satisfaction: What to do to Look the Best

12:45 Patient Reported Outcomes: What Should I Collect and When?

1:00 Questions and Answers

1:30 Course Adjourns