

AAOS/AAHKS/The Hip Society
**Meeting the Challenges of Total Hip
Arthroplasty: Approaches, Complications
and Contemporary Issues**

PROGRAM SCHEDULE



**18
CME
Credits**

July 19 – 20, 2018
OLC Education & Conference Center, Rosemont, IL
Scott M. Sporer, MD, Hany S. Bedair, MD and John M. Keggi, MD
Course Directors



AAOS/AAHKS/The Hip Society: Meeting the Challenges of Total Hip Arthroplasty #3342

July 19-20, 2018, OLC Education and Conference Center, Rosemont, IL

Scott M. Sporer, MD, Hany Bedair, MD and John Keggi, MD, Course Directors

CMEs: 18.00

as of March 14, 2018

Faculty and content subject to change

SCHEDULE

THURSDAY, JULY 19

You are encouraged to have breakfast prior to arriving at the course; coffee and light pick up items such as granola/protein bars and whole fruit will be available each morning.

6:15 am Registration (*OLC Registration Desk A*)

7:00 Welcome, Announcements, and Orientation (*Auditorium A*)
Scott M. Sporer, MD, Hany Bedair, MD and John Keggi, MD

LECTURES

Moderator: TBA

7:15 Pre-op Testing and Evaluation: Weight, Smoking, Diabetes, Nutrition, Lab Tests, Urinalysis, Nasal Screening for Staph Colonization (Lecture 10 min, Questions 3 min)
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.

David W. Manning, MD

7:28 Templating Basics (Lecture 10 min, Questions 3 min)

- Basics of templating
- Importance of templating
- Leg length and offset evaluation
- When to lengthen
- What do you use for landmarks
- Dysplasia Templating
- Deformity Templating

Michael J. Taunton, MD

7:41 Anti-Coagulation Management (Lecture 10 min, Questions 3 min)

- Pre-op Medications
- When/what to stop/start
- TXA
- Safety, contra-indications
- Post-op DVT Prophylaxis
- Regular vs. high risk patients

Denis Nam, MD, MSc

- 7:54 Pain Management (Lecture 10 min, Questions 3 min)
- What Do You Do Intraoperatively and Post-operatively
 - Current Literature Surrounding These Topics
 - Multimodal Pain Management
 - Peri-Injection Cocktails
 - Anesthesia (General, spinal)
 - Novel modalities (Liposomal injections)
- R. Michael Meneghini, MD*
- 8:07 Bearings: Long Term Data/Indications Cross-linked Polyethylene (Lecture 10 min, Questions 3 min)
- 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
- Hany S. Bedair, MD*
- 8:20 Long Term Data/Indication Ceramic Bearings (Lecture 10 min, Questions 3 min)
- Current Literature of Results
 - Current Indications
 - Potential Concerns
 - How to Make the Bearing Decision
- Harold W. Rees, MD*
- 8:33 Stem Selection (Lecture 10 min, Questions 3 min)
- 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
- Jose A. Rodriguez, MD*
- 8:46 **SMALL GROUP CASE DISCUSSION**
Implant Selection Cases
- Standard Hip (Selection criteria)
 - Offset challenges
 - Femoral Proximal Deformity
 - Dysplasia
 - Lumbar Fusion
- Drs. Bedair, Donaldson, Keggi, Kennon, Manning, Meneghini, Moskal, Nam, Rees, Rodriguez, Sporer, and Taunton*
- 9:16 Outpatient Total Hip Arthroplasty (Lecture 10 min, Questions 3 min)
- Location (Surgery Center vs. Hospital)
 - Patient selection
 - Planning
 - Pitfalls
- R. Michael Meneghini, MD*

9:29 Refreshment Break
Exhibits

Moderator: TBA

- 9:45 The Painful Total Hip Arthroplasty (Lecture 10 min, Questions 3 min)
- How Do You Evaluate a Patient with Pain?
 - Physical Exam
 - Lab Exam
 - Radiologic Exam
 - Algorithm to Follow for the Patient in Pain
- Thomas K. Donaldson, MD*
- 9:58 Trunnionosis and Metal on Metal Bearings: Evaluation and Management (Lecture 10 min; Questions 3 min)
- Symptoms
 - Diagnosis and Surveillance (Metal ions and Cross-sectional Imaging)
 - Treatments (Bearing Exchange, Sleeve Adaptors, Fixed Component Revision)
 - Results
 - Postoperative monitoring
- Denis Nam, MD, MSc*
- 10:11 Infection Diagnosis (Lecture 10 min, Questions 3 min)
- Lab Tests
 - Radiologic Tests
 - What to do with Biomarkers
 - AAOS, CPG and MSIS Statements
- Hany S. Bedair, MD*
- 10:24 Infection Treatment (Lecture 10 min, Questions 3 min)
- Current Approach to Infection in Acute, Chronic and Postop Infections
 - Irrigation/Debridement vs. Two-stage: Is There a Role for One-stage?
 - Algorithm to Follow When a Patient is Infected
- Michael J. Taunton, MD*
- 10:37 **SMALL GROUP CASE DISCUSSION**
Infection Cases
Drs. Bedair, Donaldson, Keggi, Kennon, Manning, Meneghini, Moskal, Nam, Rees, Rodriguez, Sporer, and Taunton
- 11:07 Instability (Lecture 10 min, Questions 3 min)
- 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)
- Robert E. Kennon, MD*

11:20 **SMALL GROUP CASE DISCUSSION**
Instability Cases
Drs. Bedair, Donaldson, Keggi, Kennon, Manning, Meneghini, Moskal, Nam, Rees, Rodriguez, Sporer, and Taunton

11:50 Overview of Surgical Approaches (Lecture 10 min, Questions 3 min)
• Anterior (Direct & Watson-Jones)
• Lateral
• Posterior
Jose A. Rodriguez, MD

12:03 pm Q&A
Drs. Bedair, Keggi, and Sporer

WORKING LUNCH (Auditorium A)

12:15 Pickup Lunch

Moderator: TBA

12:30 **PRE-RECORDED VIDEO DEMONSTRATION**
Posterior Approach
R. Michael Meneghini, MD

12:45 **PRE-RECORDED VIDEO DEMONSTRATION**
Direct Lateral Approach
Thomas K. Donaldson, MD

1:00 **PRE-RECORDED VIDEO DEMONSTRATION**
Direct Anterior on Specialized Table
Joseph T. Moskal, MD

1:15 **PRE-RECORDED VIDEO DEMONSTRATION**
Tips for Preparing the Acetabulum: How to Address Dysmorphic Sockets
John M. Keggi, MD

LECTURES (Auditorium A)

Moderator: TBA

1:30 Principles of Managing Femoral Bone Loss Including Implants
(Lecture 10 min, Questions 3 min)
• 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?
David W. Manning, MD

- 1:43 Principles of Managing Acetabular Bone Loss Including Implants
(Lecture 10 min, Questions 3 min)
- 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
- Scott M. Sporer, MD*
- 1:56 **SMALL GROUP CASE DISCUSSION**
Femoral and Acetabular Bone Loss Cases
- Treatment Options
 - Surgical Approach
 - Implants
 - Postoperative Care
- Drs. Bedair, Donaldson, Keggi, Kennon, Manning, Meneghini, Moskal, Nam, Rees, Rodriguez, Sporer, and Taunton*
- 2:26 Intraoperative Challenges (Lecture 10 min, Questions 3 min)
- Intra-operative Fracture
 - Vascular Injury
 - Difficulty Gaining Fixation
 - Intraoperative Instability
- Harold W. Rees, MD*
- 2:39 Postoperative Complications (Lecture 10 min, Questions 3 min)
- Nerve Injury
 - Early Stem Subsidence
 - Acetabular Fracture
 - Femoral Fracture
 - Hip Dislocation
- Robert E. Kennon, MD*
- 2:52 Periprosthetic Femoral and Acetabular Fractures (Lecture 10 min, Questions 3 min)
- Classification
 - Timing
 - Treatment Options
- John M. Keggi, MD*
- 3:05 **SMALL GROUP CASE DISCUSSION**
Periprosthetic Fractures Cases
- Drs. Bedair, Donaldson, Keggi, Kennon, Manning, Meneghini, Moskal, Nam, Rees, Rodriguez, Sporer, and Taunton*
- 3:35 Refreshment Break
Exhibits

Moderator: TBA

- 3:50 **SMALL GROUP CASE DISCUSSION**
Metallosis/Trunionosis Cases
Drs. Bedair, Donaldson, Keggi, Kennon, Manning, Meneghini, Moskal, Nam, Rees, Rodriguez, Sporer, and Taunton
- 4:20 Putting It All Together: Expert Panel for Complex Cases
Drs. Bedair, Donaldson, Keggi, Kennon, Manning, Meneghini, Moskal, Nam, Rees, Rodriguez, Sporer, and Taunton
- 4:50 Q&A
Drs. Bedair, Keggi, Sporer
- 5:05 Course Adjourns for the Day
- 5:15-6:15 Spotlight Session

FRIDAY, JULY 20

You are encouraged to have breakfast prior to arriving at the course; coffee and light pick up items such as granola/protein bars and whole fruit will be available each morning.

7:00-8:00 Spotlight Session

8:10 **LIVE FACULTY SURGICAL DEMONSTRATION (Auditorium A)**
Direct Anterior on Standard Operating Room Bed
Demonstrator: Robert E. Kennon, MD
Moderator: Thomas K. Donaldson, MD

8:30 Lab Orientation

8:40 **HANDS-ON SURGICAL SKILLS LAB (LAB A)**
Primary Total Hip Arthroplasty
Drs. Bedair, Donaldson, Keggi, Kennon, Manning, Meneghini, Moskal, Nam, Rees, Rodriguez, Sporer, and Taunton

WORKING LUNCH (Auditorium A)

11:40 Pickup Lunch

Moderator: TBA

11:55 Patient Satisfaction
Joseph T. Moskal, MD

12:05 pm Navigation
Joseph T. Moskal, MD

12:15 **PRE-RECORDED VIDEO DEMONSTRATION**
Extended Trochanteric Osteotomy
Scott M. Sporer, MD and Hany Bedair, MD

12:25 **PRE-RECORDED VIDEO DEMONSTRATION**
Modular Stem Insertion
R. Michael Meneghini, MD

12:35 Direct Anterior Revision Osteotomies
John M. Keggi, MD

12:45 Q&A
Drs. Bedair and Keggi

1:10 **LIVE FACULTY SURGICAL DEMONSTRATION**
Direct Anterior Revision
Demonstrator: Robert E. Kennon, MD
Moderator: John M. Keggi, MD

1:25	HANDS-ON SURGICAL SKILLS LAB (LAB A) Revision Total Hip Arthroplasty: Exposures, Osteotomies, Revision Implants <i>Drs. Bedair, Donaldson, Keggi, Kennon, Manning, Meneghini, Moskal, Nam, Rees, Rodriguez, Sporer, and Taunton</i>
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5:15 Course Adjourns