Experience new robotic technology!
Gain a comprehensive understanding of the spectrum of options for managing arthritis of the knee, from patients with early disease to more advanced disease. The unique cadaver lab experience gives you an unbiased look at multiple implant systems so you can compare and contrast the features of each. Learn the benefits and limitations of new and controversial technology including computer-navigation and robotics. Small group learning and personal interaction with faculty and colleagues make this one course you won’t want to miss!

Course highlights include:

- Experience new robotic technology and patient-specific instrumentation
- An unbiased perspective on state-of-the-art equipment
- Alternative methods of joint arthroplasty in 2017
- Informal, one-on-one interactions with faculty

Who should take this course?

Established practitioners with an interest in knee arthroplasty as well as young practitioners who need to strengthen their knee arthroplasty skills.
### Thursday, February 16

**Evening 3:30 pm – 7:30 pm**

**KNEE ARTHRITIS: UNICOMPARTMENTAL ARTHROPLASTY**

**Lecture**
- Patient Selection for UKA: What Does the Data Tell Us?

**Pre-Recorded Video Demonstrations**
- Fixed Bearing UKA
- Mobile Bearing UKA

**Hands-On Skills Lab**
- UKA Complications and Common Pitfalls

**Small Group Discussion Breakouts**
- Knee OA Options: UKA, PFA, TKA

**Perioperative Patient Optimization In Knee Arthroplasty**

**Lectures**
- Blood Management Strategies in 2017
- Pain Management Strategies in 2017: A Contemporary Multi-Modal Approach
- DVT Prophylaxis in 2017: Risk Stratification

**Industry Spotlight Session #1 (Non-CME)**

### Friday, February 17

**Morning 6:55 am – 11:45 am**

**KNEE ARTHRITIS: UNICOMPARTMENTAL ARTHROPLASTY**

**Pre-Recorded Video Demonstrations**
- Robotic-Assisted UKA
- Patellofemoral Arthroplasty

**Hands-On Skills Lab**
- Medial Unicompartmental Knee Arthroplasty
- Patellofemoral Arthroplasty
- Advanced Technologies

**TKA Fundamentals**

**Lectures**
- Measured Resection TKA
- Gap Balancing TKA
- Varus-Valgus Releases

**CME: 15.75 Total Credits of Category 1 CME**

Course participants are required to complete an online evaluation form to receive CME credit. AAOS members: Your transcript will list your CME credit for participation in this CME course approximately four weeks following the course.

### FRIDAY, FEBRUARY 17, continued

**Morning 6:55 am – 11:45 am**

**Pre-Recorded Video Demonstrations**
- Bicruciate Retaining TKA
- Conversion of UKA to TKA

**Hands-On Skills Lab**
- Primary Total Knee Arthroplasty
- Advanced Technologies

**Lunch/Controversial TKA Topics and Panel Discussion**

**Lectures**
- Cementless TKA
- Custom TKA
- Component Rotation in TKA
- Kinematic vs. Classic Alignment
- Highly Cross-Linked Polyethylene in TKA
- Metal Allergy in TKA

**Panel Discussion**

**Afternoon 12:45 pm – 6:30 pm**

**Revision TKA: Core Concepts**

**Lectures**
- Evaluation of the Painful TKA
- Basic Principles and Planning
- Extensile Approaches
- Implant Removal
- Stem Fixation: Cemented or Press-Fit
- Choosing the Level of Constraint

**Revision TKA: Video Highlights – Management of Bone Loss**

**Pre-Recorded Video Demonstrations**
- Management of Bone Defects
  - Porous Tantalum Cones
  - Modular Sleeves
  - Porous Titanium Lobed Cones

**Hands-On Skills Lab**
- Revision TKA: Exposure, Implant Removal, Instrumentation, Balance, Augments

**Small Group Discussion Breakouts & Case-Based Panel Discussion**

**Revision TKA: Instability, Bone Loss, Extensor Mechanism Disruption**

**Industry Spotlight Session #2 (Non-CME)**
SATURDAY, FEBRUARY 18

Morning 7:00 am – 11:30 am

INDUSTRY SPOTLIGHT SESSION #3 (Non-CME)

CURRENT CONCEPTS IN TKA

LECTURES
- Mechanical Instruments
- Conventional Navigation in TKA
- Custom Guides in TKA
- Robotic-Assisted TKA
- Handheld Accelerometer-Based Navigation

PERIPROSTHETIC TKA INFECTION

LECTURE
- Making the Diagnosis of Periprosthetic Joint Infection

PRE-RECORDED VIDEO DEMONSTRATIONS
- Two Stage Debridement with Antibiotic Beads for Acute PJI
- One Stage Versus Two Stage Revision for Chronic PJI
- Static Spacer: Indications and Surgical Tips for Articulating Spacers Using Conventional Components
- Modular Pre-Formed Articulating Spacer

TKA SOLUTIONS FOR COMPLEX PROBLEMS

PRE-RECORDED VIDEO DEMONSTRATIONS
- Extensor Mechanism Reconstruction
- Hinges: When is a Constrained Condylar Prosthesis Not Enough?

OUTPATIENT AND EARLY DISCHARGE TKA SYMPOSIUM

LECTURES
- Outpatient Program Element Essentials
- Safely Selecting Patients for Early Discharge
- Optimal Location: Hospital or ASC?
- Avoiding Readmissions

Faculty

Matthew Abdel, MD  R. Michael Meneghini, MD
David Backstein, MD  Denis Nam, MD, MSc
Michael Bolognesi, MD  Charles L. Nelson, MD
Antonia Chen, MD, MBA  Ryan Nunley, MD
Douglas A. Dennis, MD  Ran Schwarzkopf, MD
James I. Huddleston III, MD  Mark J. Spangehl, MD

For a complete list of faculty and to register, visit www.aaos.org/3055

Please note: Course faculty subject to change. All faculty members have disclosed potential conflicts of interest. These disclosures can be viewed online at www.aaos.org under "Member Services".
How to Register:
1. Online at aaos.org/3055
2. Call AAOS Customer Service at 1-800-626-6726 from 8:00 am to 5:00 pm CT. Outside U.S. dial +1-847-823-7186.
3. Print registration form at aaos.org/3055. Mail the completed form to AAOS, 9400 W. Higgins Rd., Rosemont, IL 60018. Or fax to 1-800-823-8025. Outside U.S. fax to +1-847-823-8125.

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Accreditation Statement
The American Academy of Orthopaedic Surgeons is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education (CME) for physicians.

AMA Credit Designation Statement
AAOS designates this live activity for a maximum of 15.75 AMA PRA Category 1 Credits™. Physicians should claim only the credits commensurate with the extent of their participation in the activity.

Obtaining CME Credit
Course participants must complete and submit an online evaluation form to receive CME credit.
AAOS | AAHKS | Knee Society
Innovative Surgical Techniques in Knee Arthroplasty: Early Intervention to Revision

Increased hands-on skills lab time.

Henry D. Clarke, MD
Course Director

James A. Browne, MD
Course Director