AAOS/AAHKS/The Knee Society

Innovative Surgical Techniques and Emerging Technology in Knee Arthroplasty: UKA to Revision

March 22 – 24, 2018
OLC Education & Conference Center
Rosemont, IL

Henry D. Clarke, MD, and James A. Browne, MD
Course Directors

16 CME Credits
Enhance your surgical skills and stay on top of your game!

This exciting, surgical skills course led by the top surgeons in the field will bring you up to speed on current best practices, as well as emerging technologies designed to enhance patient outcomes after total knee arthroplasty. Learn how treatment methods have evolved, and familiarize yourself with new equipment and state-of-the-art techniques during hands-on breakout sessions. In addition to lectures, surgical demonstrations and cadaver labs, the course will include several small group sessions to discuss interesting cases, including your own challenges, with peers and faculty.

Course highlights include:

- Hands-on experience with new robotic technology and patient specific instrumentation
- Current concepts in TKA
- New section on practice management, including key elements for outpatient knee arthroplasty
- Small group breakout sessions and case-based panel discussions. Bring your own cases for review!

Who should take this course?

Orthopaedic surgeons who want to learn more about emerging techniques and controversial topics pertaining to partial, primary, and revision knee replacement.

“My understanding of primary and revision knee arthroplasty has improved, and my approach towards infection control has changed considerably. This will help me to provide my patients with an improved standard of treatment techniques while also making it more affordable by reducing their hospital stay.” – 2017 course attendee
THURSDAY, MARCH 22
Afternoon 3:30 pm – 6:50 pm

SURGICAL TREATMENT OF KNEE ARTHRITIS: UNICOMPARTMENTAL ARTHROPLASTY

LECTURE
Patient Selection for UKA: What Does the Data Tell Us?

PRE-RECORDED VIDEO DEMONSTRATIONS
Fixed Bearing UKA and Mobile Bearing UKA

LECTURE
UKA Complications and Common Pitfalls

SMALL GROUP BREAKOUT DISCUSSIONS
Knee OA Options: UKA, PFA, TKA

PERI-OPERATIVE PATIENT OPTIMIZATION IN KNEE ARTHROPLASTY

LECTURES
Patient Optimization for Knee Arthroplasty: What Issues are Important?
A Practical Blood Management Strategy to Avoid Transfusions
A Contemporary Multi-Modal Approach to Post-Op Pain Management
DVT Prophylaxis in 2017: Risk Stratification

FRIDAY, MARCH 23
Morning 6:55 am – 12:00 pm

SURGICAL TREATMENT OF KNEE ARTHRITIS: UNICOMPARTMENTAL ARTHROPLASTY

PRE-RECORDED VIDEO DEMONSTRATIONS
Robotic Assisted UKA
Patellofemoral Arthroplasty

HANDS-ON SKILLS LAB
Medial Unicompartmental Knee Arthroplasty
PF Arthroplasty

BONUS! HANDS-ON BREAKOUT SESSIONS:
Patient-Specific Instrumentation
Robotics Navigation

TKA FUNDAMENTALS

LECTURES
Measured Resection vs. Gap Balancing TKA: Don’t We All Balance the Gaps?
Varus-Valgus Releases
The Complex Primary TKA: Dealing with Old Incisions/Hardware and Deformity

PRE-RECORDED VIDEO DEMONSTRATION
Conversion of UKA to TKA

LIVE DEMONSTRATION – ROBOTIC TKA

HANDS-ON SKILLS LAB
Primary Total Knee Arthroplasty

BONUS! HANDS-ON BREAKOUT SESSIONS:
Patient-Specific Instrumentation
Robotics Navigation

WORKING LUNCH: Controversial TKA Topics and Panel Discussion
Cementless TKA; Custom TKA; Component Rotation in TKA; Metal Allergy in TKA

PANEL DISCUSSION
FRIDAY, MARCH 23, continued
Afternoon 12:35 pm – 5:20 pm

REVOLUTION TKA: CORE CONCEPTS
Evaluation of the Painful TKA
Basic Principles and Planning for Revision TKA
Extensile Approaches for Revision TKA
Stem Fixation in Revision TKA: Cemented or Pressfit
Choosing the Level of Constraint in Revision TKA

PRE-RECORDED VIDEO DEMONSTRATIONS
Management of Bone Defects: Cones and Modular Sleeves

HANDS-ON SKILLS LAB
Revision TKA: Exposure, Implant Removal, Instrumentation, Balance, Augments

SMALL GROUP BREAKOUT SESSIONS AND CASE-BASED PANEL DISCUSSION
Revision TKA: Instability, Bone Loss, Extensor Mechanism Disruption, Etc.

SATURDAY, MARCH 24
Morning 8:00 am – 11:45 am

CURRENT CONCEPTS IN TKA

LECTURES
Kinematic vs. Classic Alignment
Mechanical Instruments vs. Navigation
Custom Guides in TKA
Robotic Assisted TKA
Handheld Accelerometer-Based Navigation

PANEL DISCUSSION AND QUESTIONS AND ANSWERS

PERI-PROSTHETIC TKA INFECTION

LECTURE
Making the Diagnosis of Peri-Prosthetic Joint Infection

PRE-RECORDED VIDEO DEMONSTRATIONS
Two Stage Debridement with Antibiotics Beads for Acute PJI
Static Spacer: Indications and Surgical Tips
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?

PRACTICE MANAGEMENT

LECTURES
 Safely Selecting Patients for Early Discharge
Avoiding Readmissions
Outpatient Knee Arthroplasty: Key Elements
Succeeding in a Bundled Care Environment

Schedule subject to change. Details online at aaos.org/3341
Faculty
Matthew P. Abdel, MD  Jess H. Lonner, MD  Christopher E. Pelt, MD
David Backstein, MD  Steven J. MacDonald, MD  Mark J. Spangehl, MD
Michael E. Berend, MD  R. Michael Meneghini, MD  Scott M. Sporer, MD
Antonia F. Chen, MD, MBA  Denis Nam, MD, MSc
David G. Lewallen, MD  Ryan M. Nunley, MD

For a complete list of faculty and to register, visit www.aaos.org/3341. 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’.

Course Tuition
Registration fee includes course materials, electronic syllabus, lunch, and refreshment breaks.

AAOS/AAHKS/The Knee Society Member/Candidate Member/International Member/ Emeritus Member  $1,799
Nonmember Orthopaedic Surgeon/International Nonmember  $2,399
AAOS/AAHKS/The Knee Society Resident Member/Resident/Post-Residency Fellow/ Military*  $1,499

*For AAOS/AAHKS/The Knee Society members in active U.S. military duty only

How to Register
1. Online at aaos.org/3341
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/3341. 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.

Hotel
Hampton Inn & Suites  Housing Reservation Deadline  Room Rate
9480 W. Higgins Road  March 8, 2018  $134/night (plus applicable taxes)
Rosemont, IL 60018  Single or Double occupancy
Phone: 1-847-692-3000

The Hampton Inn offers the following amenities: free shuttle service to and from O’Hare airport, complimentary hot breakfast, free Wi-Fi, swimming pool, exercise room, and a business center.

Accreditation
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
AAOS designates this live activity for a maximum of 16 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.
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