

Complex Total Hip and Knee Arthroplasty Course with Anatomical Specimen (2.5 days)

Become a joint surgery expert. Learn from the best!

Ready to take your surgical skills to the next level? This course teaches current concepts in the treatment of patients with a need for revision or complex primary arthroplasty in the hip and knee.

Course highlights

Specialize with this intensive, modular, and highly interactive course focused on mastering complex total hip and knee arthroplasty. Dive deep into cutting-edge techniques and advanced procedures through a blend of expert-led lectures, interactive discussions, and extensive hands-on exercises. Gain the skills and confidence needed to address challenging cases with precision and expertise. Exchange your experience with expert faculty and peers.

Who is this course for?

This course is tailored for certified, experienced orthopedic surgeons.

What will you learn?

At the end of this course, participants will be able to:

- Describe a systematic clinical, laboratory, and radiographic evaluation in revision and complex primary arthroplasty
- Optimize preoperative planning
- Adopt a patient-centered approach
- Optimize patients preoperatively to reduce complications
- Describe and discuss safe and effective procedures for revision and complex primary arthroplasty
- Discuss the management of early and late problems or complications
- Communicate and facilitate a multidisciplinary team-based approach
- Apply best practice to optimize and document patient outcome

Course modules

- Indications for revision hip arthroplasty and preoperative planning
- Revision arthroplasty of the hip
- Complex primary total hip arthroplasty (THA)
- Indications for revision knee arthroplasty and preoperative planning
- Revision arthroplasty of the knee
- Indications for revision knee arthroplasty and patient optimization
- Complications

Small group discussions

- Assessment and decision making for THA/TKA
- THA—surgical approaches, preventing dislocation, and fixation
- THA—intraoperative challenges and complications
- How to do a TKR—valgus, varus, kinematic alignment
- TKA—intraoperative challenges and complications

Practical exercises—Wet lab

- Optimizing the patient journey
- Preventing infection in joint replacement
- Key steps in planning THA
- Overview of surgical approaches for THA
- Cemented fixation
- Cementless fixation of the cup and the stems for THA
- Bearing choice in THA
- Intraoperative challenges and complications
- Preventing dislocation in THA
- Key steps in TKA and overview of surgical approaches for TKA
- Limb alignment and kinematics
- The role of the PCL in TKA
- Bone cuts in TKA
- Balancing the varus knee and fixed flexion contracture
- Balancing the valgus knee
- Patellofemoral resurfacing and tracking
- Fixation options in knee replacement

Skills lab

- Templating a THA
- Reaming the acetabulum and inserting a cup
- Preparing the femur and inserting a stem
- Safe zones for screw insertion
- Meet the Experts
- Planning a TKA
- Alignment for a tibial cut
- Performing a tibial cut
- Cementing



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