

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

- Revision hip replacement (failed cups and failed stems)
- Complex primary total hip arthroplasty
- Revision knee arthroplasty—Indications, investigation, and preparation
- Complex primary knee arthroplasty

Practical exercises—Wet lab

Hip arthroplasty:

- Posterior approach to the hip
- Reconstruction of acetabular defect with augments and revision cup
- Implantation of an uncemented stem
- Extended trochanteric osteotomy
- Implantation of a modular revision stem
- Refixation of ETO with cerclage wires
- Anatomical dissection

Knee arthroplasty:

- Perform a primary TKA
 - Tibial preparation
 - Femoral preparation
 - Trials
 - Tibial tubercle osteotomy (TTO) and fixation
- Revision TKA, including quadriceps snip
- Closure and fixation with screws or wires



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