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EEMEA Primary and Difficult Primary Total Knee Arthroplasty Course

Agenda

16-17 September 2025
InSITE Center, Istanbul

Faculty



**Prof. Osman
Tecimel**
Türkiye



**Prof. Nickolai
Kornilov**
Russia



**Dr. Ibrahim
Alshaygy**
Saudi Arabia



**Dr. Allan
Sekeitto**
South Africa

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Course description

This training is designed to provide a comprehensive understanding of **primary knee arthroplasty procedures**, with a focus on addressing challenging cases. Participants will explore detailed surgical techniques, patient assessments, and procedural planning required to achieve successful outcomes. The course highlights the importance of preoperative planning, accurate component placement, and soft - tissue management. Hands - on training and expert - led presentations will enable participants to refine their skills and confidence in managing **primary procedures** and **difficult primary cases**, leveraging Stryker solutions for optimized performance.

Course objectives

- **Master Primary Knee Arthroplasty Techniques:** Equip participants with step - by - step guidance on performing standard primary knee arthroplasties.
- **Address Difficult Primary Cases:** Provide strategies for managing cases with anatomical or patient - specific challenges such as obesity, valgus/varus deformities, and poor bone quality.
- **Enhance Surgical Outcomes:** Emphasize precise implant positioning, gap balancing, and restoration of natural knee kinematics using tools like the Triathlon Total Knee System.
- **Promote Procedural Efficiency:** Teach best practices for streamlining primary arthroplasty surgeries, focusing on reducing complications and improving patient recovery.

Participant profile

- **Target Audience:** Surgeons performing primary knee arthroplasty or preparing to manage more complex primary cases.
- **Experience Level:** Designed for surgeons with a basic to intermediate understanding of knee arthroplasty who want to refine their skills in standard and difficult primary procedures.
- **Special Interests:** Clinicians seeking to improve outcomes in patients with challenges like deformities, stiffness, or comorbidities requiring tailored surgical approaches.

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16 – 17 September 2025, InSITE Center, Istanbul

Day 1: 16 September, Tuesday

09:00-09:20	Registration	
09:20-09:35	InSITE Center surgical floor tour	Stryker
09:35-09:45	Welcome & Introduction	Stryker
09:45-10:00	Difficult Primary Knee vs Primary Knee	Dr. Allan Roy Sekeitto
10:00-10:15	Pre - op planning	Prof. Nickolai Kornilov
10:15-10:30	Surgical approaches (<i>medial, lateral, sub - vastus, mid - vastus, tibial tuberosity osteotomy, quadriceps snip</i>)	Dr. Ibrahim Alshaygy
10:30-10:45	Alignment philosophies: Mechanical & Kinematic	Prof. Osman Tecimel
10:45-11:05	Discussion (Session 1 facilitated by Prof. Tecimel)	All
11:05-11:25	Coffee Break	
11:25-11:40	Femur prep: entry hole, joint line, posterior vs anterior reference	Dr. Allan Sekeitto
11:40-11:55	Tibia prep: tibial alignment, tibial slope, depth of resection	Prof. Nickolai Kornilov
11:55-12:10	How to correct varus deformity	Prof. Osman Tecimel
12:10-12:25	How to correct valgus deformity	Dr. Ibrahim Alshaygy
12:25-12:45	Discussion (Session 2 facilitated by Dr. Alshaygy)	All
12:45-13:45	Lunch Break	
13:45-14:00	Triathlon Surgical Demo Video	Dr. Ibrahim Alshaygy
14:00-14:15	How to correct flexion & extension contractures, hyperextension	Dr. Allan Sekeitto
14:15-14:30	Dealing with bone defects in Primary & Diff Primary TKA	Prof. Nickolai Kornilov
14:30-14:45	Stability Assessment : Primary vs Universal Tibia, Level of Constraint	Dr. Ibrahim Alshaygy
14:45-15:00	Perioperative management (<i>anesthesia, multimodal pain management, tourniquet, drains, infection & venous thromboembolic events prevention etc.</i>)	Prof. Osman Tecimel
14:00-15:20	Discussion (Session 2 facilitated by Prof. Kornilov)	All
15:20-15:40	Coffee Break	
15:40-17:00	Triathlon dry bones instrumentation workshop	All
17:00-17:15	Day 1 Wrap-up	All
19:30	Group Dinner	

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Day 2: 17 September, Wednesday

09:00-09:15	Welcome & OR Scrub Prep	
09:15-11:15	Triathlon Cadaveric Lab Session (6 stations for delegates) After the Primary Knee Arthroplasty, continue with Universal Baseplate, stems and augments. Additional tasks: TTO, ligament balancing to see what is happening with flexion and gap	All
11:15-11:30	Coffee Break / Group Picture	
11:30-12:30	Case discussions in groups	All
12:30-13:00	Q&A	Faculty's
13:00-13:20	Meeting wrap-up and close	All
13:20-14:20	Lunch and Transfer/Departures	

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