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Primary and Difficult Primary:

Total Knee Arthroplasty

AGENDA

Date:

May 5-6

Time:

09:00 AM - 17:00 PM

Venue:

InSITE Center, Istanbul

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Meet the faculty



**Dr. Nickolai
Kornilov**
Russia



**Dr. Ibrahim
Alshaygy**
Saudi Arabia



**Dr. Coltan
Mihai**
Romania

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.

Primary and Difficult Primary Total Knee Arthroplasty

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1st Day: 5 May, Tuesday

09:00 - 09:20	Registration	
09:20 - 09:35	InSITE Center surgical floor tour	
09:35 - 09:45	Welcome & Introduction	Stryker
09:45 - 10:00	Difficult Primary Knee vs Primary Knee	Ibrahim Alshaygy
10:00 - 10:20	Pre - op planning	Mihai Coltan
10:20 - 10:40	Surgical approaches (medial, lateral, sub - vastus, mid - vastus, tibial tuberosity osteotomy, quadriceps snip)	Mihai Coltan
10:40 - 11:00	Alignment philosophies: Mechanical & Kinematic	Nickolai Kornilov
11:00 - 11:30	Coffee Break	All
11:30 - 11:50	Femur prep: entry hole, joint line, posterior vs anterior reference	Ibrahim Alshaygy
11:50 - 12:10	Tibia prep: tibial alignment, tibial slope, depth of resection	Nickolai Kornilov
12:10 - 12:30	How to correct varus deformity	Mihai Coltan
12:30 - 12:50	How to correct valgus deformity	Ibrahim Alshaygy
12:50 - 13:30	Lunch Break	All
13:30 - 13:50	Triathlon Surgical Demo Video	Ibrahim Alshaygy
13:50 - 14:10	How to correct flexion & extension contractures, hyperextension	Nickolai Kornilov
14:10 - 14:30	Dealing with bone defects in Primary & Diff Primary TKA	Nickolai Kornilov
14:30 - 14:50	Stability Assessment : Primary vs Universal Tibia, Level of Constraint.	Ibrahim Alshaygy
14:50 - 15:10	Perioperative management (anesthesia, multimodal pain management, tourniquet, drains, infection & venous thromboembolic events prevention etc.)	Mihai Coltan
15:10 - 15:30	Coffee Break	All
15:30 - 17:00	Triathlon dry bones instrumentation workshop	All
17:00	End of Day 1	
19:30	Group Dinner	

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2nd Day: 6 May, Wednesday

09:00-09:15	Welcome & OR Scrub Prep	All
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	All
11:30-13:30	Case discussions Primary & Difficult Primary TKA	All
13:30-14:10	Panel cases discussions	All
14:10-14:15	Meeting wrap-up and close	HCP Faculty + Stryker

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Organisation and **Contact information:**

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