



Core Skills In Minimally Invasive Surgery

Course fees
3000 AED + 5% VAT
21 - 22 May 2026

Admission criteria Residents, trainees ,intern , surgeons.

Overview

This intensive course cover the core laparoscopic surgery skills and knowledge essential for every surgery discipline. You will use a range of high quality of laparoscopic equipment ,working with specifically designed bench top models, as well as learning a variety of knotting and suturing techniques.

Aim of this program

Course will provide theoretical updates in the most recent development in laparoscopy and extensive experimental session (Hands-on session)using animal organs and live animals for each surgical procedure step by step. some of the topics are following:

- Set up a stock , correctly connecting a light source and gaining a good quality image.
- Identify means of access and outline patient positioning.
- Discuss and anticipate a range of complications and how to deal with them
- Perform key laparoscopic surgery procedures.
- Discuss the use of laparoscopy in diagnosis.
- Evaluate the use of various energy sources.
- Demonstrate wide- ranging of knowledge in laparoscopic surgery and operative procedures including appendectomy,cholecystectomy and ventral hernia repair.

What is unique in this program

- ✓ Hands-on experience on animal organs and live animal.
- ✓ Highly experienced faculty.

Faculties



Dr. Jagpreet Singh Deed
FRCS, FACS, MS, DNB (General Surgery)
Laparoscopy Training (Cleveland Clinic, Ohio)
Consultant General Surgery Zulekha Hospital
Dubai & Sharjah

Contact us
06 505 7576, 06 505 7582
+97165057582 /7576
cstc1@sharjah.ac.ae & cstc2@sharjah.ac.ae
M31 Basement , Medical & Health Science college Campus

Program structure

Day 1 08:30 am- 16:30pm

- 08:30– 09:00 Welcoming and introduction
- 08:30– 09:45 Laparoscopic principle & ergonomics
- 09:45– 10:30 Equipment setting & instrumentation
- 10:30– 10:45 Coffee break
- 10:45 – 10:50 Rodes knot video & demonstration
- 10:50– 11:15 Rodes knot Hands-on
- 11:15– 11:20 Meltzer knot video & demonstration
- 11:20– 11:35 Meltzer knot Hands-on
- 11:35– 11:40 Tayside knot video & demonstration
- 11:40– 12:00 Tayside knot Hands-on
- 12:00– 12:10 Pros & cons of intracorporeal suturing
- 12:10 – 12:30 principle of intracorporeal suturing
- 12:30– 13:30 Lunch break
- 13:30– 14:45 Intracorporeal suturing (Hands-on) interrupted
- 13:45– 15:30 Tumble Square
- 15:30– 16:30 Dundee Jomming knot & Aberdeen

Day 2 08:30 am- 16:30pm

- 08:30 – 10:30 Abdominal Access & Port positioning
- 10:30 – 10:45 Coffee Break
- 10:45 – 11:15 Laparoscopic Cholecystectomy
- 11:15 – 11:45 Laparoscopic Appendectomy
- 11:45 – 12:30 Bowel perforation & Management
- 12:30 – 13:30 Lunch break
- 13:30 – 16:30 Animal Lab Hands-on
- 16:30 – 17:00 Discussion & Certificate