



# CORE SKILLS IN MINIMALLY INVASIVE SURGERY

Course Date:  
01-02 June, 2023

Accredited by  
Royal College of Surgeons of England

Registration Fees :

**AED 3,000/-**  
+ 5% VAT



## Course Objectives:

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

## Course Outcomes

Course will provide theoretical updates on the most recent development in laparoscopy and extensive experimental session (Hands-on session) using Animal Organs & Live animals for each surgical procedure step by step. Some of the topics are followings:

- Set up a stack, 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 knowledge in laparoscopic surgery and operative procedures including appendectomy, cholecystectomy and Ventral Hernia Repair



## What is unique about this Workshop

- Hands-on experience on Animal Organ & Live Animals
- Highly experienced Faculty
- Interactive workshops, case study, Video-based learning

## Target Audience

Residents, Trainees, Intern, Surgeon

## Day 1

- 0830-0900 Welcome and Introduction
- 0900-0945 Laparoscopic Principle & Ergonomics
- 0945-1030 Equipment settings & Instrumentation
- 1030-1045 Coffee Break
- 1045-1050 Rodes Knot video & Demonstration
- 1050-1115 Roders Knot Hands-on
- 1115-1120 Meltzer Knot video and demonstration
- 1120-1135 Meltzer Knot Hands-on
- 1135-1140 Tayside Knot Video & Demonstration
- 1140-1200 Tayside Knot Hands-on
- 1200-1210 Pros and Cons of Intracorporeal suturing
- 1210-1230 Principle of Intracorporeal Suturing
- 1230-1330 Lunch Break
- 1330-1445 Intracorporeal Suturing Hands-on- Interrupted
- 1445-1530 Tumble Square
- 1530-1630 Dundee Jamming Knot & Aberdeen

## Day 2:

- 0830-1030 Abdominal Access & Port Positioning
- 1030-1045 Coffee Break
- 1045-1115 Laparoscopic Cholecystectomy
- 1115-1145 Laparoscopic Appenectomy
- 1145-1230 Bowel Perforation & Management
- 1230-1330 Lunch Break
- 1330 - 1630 Animal Lab Hands-on
- 1630-1700 Discussion & Certificate

## Terms and Conditions

Course can be confirmed only upon reaching to the minimum number of participants  
Minimum Number of Participants : 8  
Maximum Number of Participants : 15 (1:3)



## Dr. Jagpreet Singh Deed

FRCS (Ed), FACS, MS, DNB ( General Surgery ) ,  
Honorary Clinical Tutor, University of Edinburg,  
Laparoscopy Training ( Cleveland Clinic, Ohio)  
UICC Fellow Oncosurgery,  
Fellow Robotic Oncosurgery



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