

Future of

# SURGICAL TRAINING



## Hands-On Training in Laparoscopic Skills for Surgical Postgraduates

March 17-18, 2025

*Course Directors*

Dr. Mahak Bhandari

*Faculty*

Dr. Manoj Kela, Dr. Ashish Vora, Dr. Mrigendra Singh





## Why This Course?

*Transform your skillset with real surgical experience!*

- Join other motivated surgical postgraduates for a groundbreaking, hands-on program designed to master essential laparoscopic techniques.

*What You'll Learn:*

- **Fundamental Techniques:** Gain complete confidence with essential laparoscopic tools, suturing, camera handling, and unit assembly.
- **Advanced Skills:** Refine your technique with complex suturing, stapling, and port positioning for real-life applications.

# Day 01

**Monday March 17 - From 10 am to 4 pm:**

## **Lectures / Theoretical Session:**

- Basics of laparoscopic surgery - Dr. Ashish Vora
- Creation of pneumoperitoneum and port positioning (ergonomics) - Dr. Mahak Bhandari
- Troubleshooting in laparoscopic surgery - Dr. Mrigendra Singh
- Laparoscopic suturing and knotting(extracorporeal and intracorporeal) - Dr. Ashish Vora
- Essential Laparoscopic Operative Procedures - Dr. Manoj Kela
- Surgical anatomy of ventral and inguinal hernia - Dr. Mrigendra Singh

## **Live & Pre - Recorded Operative Demonstration**

- Laparoscopic Cholecystectomy.
- Laparoscopic Appendectomy
- Laparoscopic Hernia Repair
- Laparoscopic Fundoplication

**12:30 pm - 01.30 pm : Lunch**

**01:30 pm - 04:00 pm : Dry Lab Exercises**

## **Practice Exercises Using SAGES Manual and ACS Guidelines:**

These exercises are aimed at enhancing hand-eye coordination, depth perception, and basic to advanced laparoscopic skills.

### **1. Cube Joining Exercise**

*Objectives:* Improve precision and instrument control by joining cubes within a specified time.

### **2. Object Transfer**

*Objectives:* Practice the transfer of objects between hands and between different instruments.

### **3. Pick-and-Place Exercise**

*Objectives:* Develop dexterity by picking up and placing small objects accurately.

### **4. Intracorporeal and Extracorporeal Knot Tying**

*Objectives:* Strengthen suturing techniques under limited visibility and in confined spaces.

### **5. Ring Manipulation Exercise**

*Objectives:* Improve accuracy by passing objects through rings or specific targets.

### **6. Simulated Surgical Tasks (Cutting and Suturing on Models)**

*Objectives:* Apply suturing and cutting techniques as part of simulated surgical tasks.

# Day 02

**Tuesday March 18 - From 10 am to 4 pm:**

**10:00 am - 12:30 pm**

**Live & Pre - Recorded Operative Demonstration**

- Laparoscopic Cholecystectomy
- Laparoscopic Appendectomy
- Laparoscopic Hernia Repair
- Laparoscopic Fundoplication

**12:30 pm - 01.30 pm : Lunch**

**01:30 pm - 04.00 pm - Lab Session**

- Whole-Day Practical on Live tissue Models.
- Set up ports for laparoscopic entry points.
- Perform basic procedures to build real-time experience with tissue handling, bleeding control, and tissue approximation.

**Planned Procedures and Hands on Training:**

**1. Cholecystectomy**

Focus on dissection, cystic duct clipping, and gallbladder removal.

**2. Lap appendectomy**

Practice positioning and firing staplers on the stomach to reinforce handling techniques.

**3. Jejunojejunostomy**

Perform anastomosis on the jejunum using laparoscopic suturing and stapling techniques.

# ACCOMMODATION AND AMENITIES

To ensure a comfortable experience, IRCAD India offers:

- **Luxury On-Campus Stay:** World-class amenities at IICC.
- **Nutritious Dining:** Healthy meals in a relaxing setting.
- **Easy Transportation:** 20 mins from the airport, 30 mins from the railway station.
- **Complimentary Wi-Fi:** Stay connected anytime.
- **Event Spaces:** 2 Conference halls and board meeting rooms.
- **Fitness & Wellness:** Fully equipped gym.
- **24/7 Service & Accessibility:** Room service, ample parking, and wheelchair-friendly facilities.



## Registration Fees

INR 5,000 + 18% GST

### REGISTRATION FEES INCLUDE

- 2 days of hands-on sessions at IRCAD India Lab
- Live case demonstrations.
- Theoretical sessions.
- Coffee breaks & lunches.

SCAN TO VIEW



IRCAD INDIA LAB

FOR ENROLLMENT



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