FUTURE
OF SURGICAL
TRAINING

ircad
India

LAPAROSCOPIC VETERINARY SURGERY COURSE



06-07 FEB 2027

COURSE DIRECTOR

DR. ANKIT PAL

MORE INFORMATION
SCAN HERE

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Module I: Principles, Platform, Simulation & Core Operative Skills

COURSE PHILOSOPHY

A surgeon should first master the platform before mastering the procedure.
This foundation course emphasizes cognitive understanding, psychomotor skill development, ergonomics, and sound surgical principles before progressing to advanced laparoscopic procedures.

TARGET AUDIENCE

- General veterinary practitioners
- Postgraduate students and surgical residents
- Veterinary teaching faculty
- Veterinarians beginning their journey in laparoscopic surgery
- No prior laparoscopic experience required

LEARNING OBJECTIVES

- Understand the principles and philosophy of minimally invasive surgery.
- Understand laparoscopic equipment, instrumentation, ergonomics and operating room setup.
- Safely establish pneumoperitoneum and perform trocar placement.
- Develop camera navigation, triangulation, eye-hand coordination and depth perception.
- Apply principles of tissue handling, dissection and haemostasis during live surgical training.
- Perform laparoscopic abdominal exploration and identify major anatomical landmarks.
- Perform laparoscopic biopsy techniques.
- Develop fundamental intracorporeal suturing skills.
- Perform laparoscopic ovariectomy under faculty supervision.

DAY 01

Laparoscopic Veterinary Surgery Course 2027

SATURDAY, FEBRUARY 06, 2027

TIME	SESSION / TOPIC
08:45 - 09:00 am	**Welcome Address & Introduction to IRCAD India** Dr. Mohit Bhandari
	MORNING SESSION - THEORETICAL PROGRAM
09:00 - 09:30 am	Introduction to Veterinary Minimally Invasive Surgery & Principles of Laparoscopic Surgery
09:30 - 10:00 am	Laparoscopic Equipment, Optics, Camera Systems, Light Sources, Insufflators & Instrumentation
10:00 - 10:30 am	Energy Devices, Principles of Haemostasis & Safe Energy Application
10:30 - 10:45 pm	**Tea / Coffee Break**
10:45 - 11:15 am	Operating Room Setup, Ergonomics, Patient Positioning & Port Placement
11:15 - 11:45 am	**Pneumoperitoneum:** Techniques, Safe Access & Complications
11:45 - 12:30 pm	**Fundamental Surgical Principles:** Tissue Handling, Traction–Countertraction, Surgical Planes & Laparoscopic Orientation
12:30 - 01:30 pm	**Lunch Break**
	AFTERNOON SESSION - SIMULATION SKILLS LABORATORY
01:30 - 05:30 pm	• Camera Navigation & Horizon Orientation • Eye-Hand Coordination & Triangulation • Dominant and Non-Dominant Hand Training • Precision Object Transfer & Pattern Cutting • Needle Loading & Needle Driving • Intracorporeal Suturing • Intracorporeal Knot Tying • Faculty Feedback and Skills Assessment

DAY 02

Laparoscopic Veterinary Surgery Course 2027

SUNDAY, FEBRUARY 06, 2027

TIME	SESSION / TOPIC
	MORNING SESSION - FACULTY DEMONSTRATION & CLINICAL ORIENTATION
09:00 - 09:30 am	Operating Room & Tower Setup
09:30 - 10:00 am	Patient Positioning
10:00 - 10:30 am	Safe Abdominal Access, Pneumoperitoneum & Trocar Placement
10:30 - 10:45 pm	**Tea / Coffee Break**
10:45 - 11:15 am	Systematic Laparoscopic Abdominal Exploration
11:15 - 11:45 am	Identification of Major Anatomical Landmarks
11:45 - 12:30 pm	Faculty Demonstration of Fundamental Laparoscopic Surgical Workflow
12:30 - 01:30 pm	**Lunch Break**
	AFTERNOON SESSION
01:30 - 05:30 pm	• Delegates perform OT setup and laparoscopic access • Application of tissue handling, dissection and haemostasis principles during live surgery • Laparoscopic Biopsy Techniques • Faculty-guided Laparoscopic Ovariectomy • Role Rotation (Primary Surgeon, Assistant Surgeon & Camera Surgeon) • Safe Instrument Exchange & Procedural Workflow • Continuous Faculty Feedback • Post-course Assessment & Closing Discussion

THIS COURSE MAY BE SUBJECT TO MODIFICATION

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:** Two Conference halls and board meeting rooms.
- **Fitness & Wellness:** Fully equipped gym.
- **24/7 Service & Accessibility:** Room service, ample parking, and wheelchair-friendly facilities.









REGISTRATION CHARGES

COURSE FEES	INR 50,000 + 18% GST	USD 850

Please note: The course fee does not cover accommodation expenses.

info@ircadindia.com www.ircadindia.com

+91 98931-36242 | +91 73890-38080

Sri Aurobindo University, Sanwer Road, Indore,
Madhya Pradesh, India

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