

# LAPAROSCOPIC GENERAL SURGERY

5-DAY INTENSIVE COURSES WITH **OPTIONAL UNIVERSITY DIPLOMA**

**ircad**  
France  
STRASBOURG  
UNIVERSITY



**FEBRUARY**  
2 - 6

**MAY**  
18 - 22

**JUNE 29**  
- **JULY 3**

**SEPTEMBER**  
21 - 25

**NOVEMBER**  
16 - 20

**8:45 am | REGISTRATION AND WELCOMING OF PARTICIPANTS**

**9:00 am | DIDACTIC SESSION**

**LAPAROSCOPIC EQUIPMENT**

- Operating theatre/choice of equipment/the laparoscopy unit
- New imaging modalities
- Instruments
- Surgical energy: principles and devices for electrosurgery and modern tissue fusion

**BASIC PRINCIPLES OF LAPAROSCOPIC SURGERY**

- Operating room set-up
- Review of the techniques of access to the peritoneal cavity
- Trocar characteristics, risks, safe manipulation and positioning
- Suturing, sewing, knot tying, stapling

**LAPAROSCOPY FOR ABDOMINAL EMERGENCIES**

- Laparoscopy in peritonitis
- Acute appendicitis
- Perforated peptic ulcer
- Acute colonic diverticulitis

**1:00 pm | LUNCH AT THE INSTITUTE**

**2:00 pm | HANDS-ON SESSION ON LIVE TISSUE (MINI-PIGS)**

**OBJECTIVES: BASIC PRINCIPLES AND TECHNIQUES**

- Accesses, insufflation, positioning of trocars
- Exposure - dissection - stitching, tissue approximation, knot tying and stapling

**TRAINING PROCEDURES**

- Small bowel resection and anastomoses
- Gastrojejunostomy
- Cholecystectomy

**6:30 pm | END OF SESSION  
EVENING FREE**

7:50 am | EVALUATION OF THE PREVIOUS DAY'S SESSIONS

8:00 am | **LIVE SURGERY**

- TAPP & TEP inguinal hernia repair

**DIDACTIC SESSION**

**LAPAROSCOPIC HERNIA REPAIR**

- Rationale of the laparoscopic approach
- Ventral and incisional hernia: updated indications and techniques

**LAPAROSCOPIC BILIARY SURGERY**

- Basic principles of laparoscopic cholecystectomy
- Bile duct injuries: diagnosis and management
- Tips and tricks for acute cholecystitis

1:00 pm | LUNCH AT THE INSTITUTE

2:00 pm | **HANDS-ON SESSION ON LIVE TISSUE (MINI-PIGS)**

**TRAINING PROCEDURES**

- TAPP inguinal hernia repair
- Stapled gastrojejunostomy
- Dissection of the common bile duct
- Roux-en-Y choledocojejunostomy
- Splenectomy
- Intra operative surgical ultrasound demonstration

6:30 pm | **END OF SESSION**  
**EVENING FREE**

**7:50 am | EVALUATION OF THE PREVIOUS DAY'S SESSIONS**

**8:00 am | LAPAROSCOPIC AND ROBOTIC: LIVE SURGERY**

*(Depending on planned surgeries)*

- Cholecystectomy
- Antireflux surgery
- Ventral and incisional hernia
- Colectomy for benign and malignant diseases
- TME for rectal cancer
- Bariatric surgery:
  - Sleeve gastrectomy
  - Gastric bypass

**1:00 pm | LUNCH AT THE INSTITUTE**

**2:00 pm | HANDS-ON SESSION ON LIVE TISSUE (MINI-PIGS)**

**TRAINING PROCEDURES**

- Ileocecal dissection and anastomoses
- Fundoplication
- Splenectomy
- Roux-en-Y gastric bypass
- Intraoperative surgical ultrasound demonstration

**6:30 pm | END OF SESSION**

**8:00 pm | DINNER IN HONOR OF THE PARTICIPANTS**

**7:50 am | EVALUATION OF THE PREVIOUS DAY'S SESSIONS**

**8:00 am | LIVE SURGERY**

- Gastrectomy for cancer

### **DIDACTIC SESSION**

#### **FOREGUT SURGERY**

- Surgery for GERD and hiatal hernia
- Partial and total gastrectomy
- Esophagogastric submucosal tumors
- Achalasia

#### **COLORECTAL SURGERY**

- Surgical techniques, tips and tricks in right and left colectomy
- Total Mesorectal Excision (TME) in rectal cancer
- Transanal TME and TEM
- Prevention and management of complications

**1:00 pm | LUNCH AT THE INSTITUTE**

**2:00 pm | HANDS-ON SESSION ON LIVE TISSUE (MINI-PIGS)**

#### **TRAINING PROCEDURES**

- Ileocecal dissection and anastomoses
- Partial / total gastrectomy
- Splenectomy
- Dissection of the hepatic pedicle

*University diploma: proficiency test (enrolled candidates)*

*- Validation procedure: small bowel resection / anastomoses*

**6:30 pm | END OF SESSION  
EVENING FREE**

**7:50 am | EVALUATION OF THE PREVIOUS DAY'S SESSIONS**

**8:00 am | UNIVERSITY DIPLOMA PROFICIENCY TEST**

*For candidates enrolled in the University diploma, a multiple-choice questionnaire will be administered.*

**9:00 am | DIDACTIC SESSION**

**KEYNOTE LECTURE**

- Future of minimally invasive surgery

**ENDOCRINE SURGERY**

- Minimally invasive, robotic and transoral thyroidectomy and parathyroidectomy
- Laparoscopic and robotic adrenalectomy

**BARIATRIC AND METABOLIC SURGERY**

- Tailored approach: gastric banding, sleeve gastrectomy and gastric bypass
- Management of common and difficult complications
- Endoluminal bariatric surgery
- Metabolic procedures

**1:30 pm | LUNCH AT THE INSTITUTE**

**2:30 pm | DIDACTIC SESSION**

**PERCUTANEOUS SURGERY**

**MINIMALLY INVASIVE ROBOT-ASSISTED SURGERY**

**CLINICAL CASES**

**4:30 pm | END OF THE COURSE  
DELIVERY OF CERTIFICATES OF ATTENDANCE  
AND DIPLOMAS TO SUCCESSFUL CANDIDATES**