

LAPAROSCOPIC GENERAL SURGERY

5-DAY INTENSIVE COURSES WITH OPTIONAL UNIVERSITY DIPLOMA



2024

ircad
France

STRASBOURG
UNIVERSITY

Dates

JANUARY 29 - FEBRUARY 2 | MAY 13 - 17 | JULY 1 - 5

SEPTEMBER 23 - 27 | NOVEMBER 18 - 22

LAPAROSCOPIC GENERAL SURGERY

MONDAY

8:45 am ○ REGISTRATION AND WELCOMING OF THE PARTICIPANTS

9:00 am • **DIDACTIC SESSION**

LAPAROSCOPIC EQUIPMENT

- Organization and laparoscopes, cameras, insufflators...
- 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 access techniques to the peritoneal cavity
- Trocar characteristics, risks, safe manipulation and positioning
- Suturing, sewing, knot tying, stapling

MINIMAL INVASIVE ROBOT-ASSISTED SURGERY

- Available platforms and future perspectives

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

LAPAROSCOPIC GENERAL SURGERY

TUESDAY

7:45 am ○ EVALUATION OF THE PREVIOUS DAY

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
- Laparoscopic common bile duct exploration

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

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

LAPAROSCOPIC GENERAL SURGERY

7:45 am ◦ EVALUATION OF THE PREVIOUS DAY

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

(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
- Total gastrectomy

6:30 pm ◦ END OF SESSION

8:00 pm ◦ DINNER IN HONOR OF THE PARTICIPANTS

WEDNESDAY

LAPAROSCOPIC GENERAL SURGERY

THURSDAY

7:45 am ○ EVALUATION OF THE PREVIOUS DAY

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
 - Laparoscopic Heller myotomy
 - Per Oral Endoscopic Myotomy (POEM)

COLORECTAL SURGERY

- Surgical techniques, tips and tricks in 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)

*University Diploma: proficiency test (enrolled candidates)
- validating procedure: small bowel resection / anastomoses*

TRAINING PROCEDURES

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

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

LAPAROSCOPIC GENERAL SURGERY

FRIDAY

7:45 am ○ **EVALUATION OF THE PREVIOUS DAY**

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

For candidates enrolled for the University Diploma multiple choice questionnaire

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

BIARIATRIC AND METABOLIC SURGERY

- Tailored approach: 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**

PANCREATIC SURGERY

- From diagnosis to pancreatectomy

EMERGING ROLE OF FLEXIBLE ENDOSCOPY IN GI DISEASES

PERCUTANEOUS SURGERY

4:30 pm ○ **END OF THE COURSE**

**PRESENTATION OF CERTIFICATES OF ATTENDANCE
AND DIPLOMAS TO SUCCESSFUL CANDIDATES**

This program may be subject to modifications.