



2022
STRASBOURG UNIVERSITY

LAPAROSCOPIC GENERAL SURGERY

5-DAY INTENSIVE COURSES WITH UNIVERSITY DIPLOMA

DATES

January 31 - February 4

May 16 - 20

July 4 - 8

September 19 - 23

November 14 - 18

ircad
France

MONDAY

LAPAROSCOPIC GENERAL SURGERY

8:45 am ◦ REGISTRATION AND WELCOMING OF 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 the techniques of access to the peritoneal cavity
- > Trocars 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

TUESDAY

LAPAROSCOPIC GENERAL SURGERY

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: T-tube
- > Roux-en-Y choledocojejunostomy
- > Splenectomy

6:30 pm ◦ END OF SESSION
EVENING FREE

WEDNESDAY

LAPAROSCOPIC GENERAL SURGERY

7:45 am ◦ EVALUATION OF THE PREVIOUS DAY

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

(dependent on the surgical list)

- > 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

- > Ileo-caecal dissection and anastomoses
- > Fundoplication
- > Splenectomy
- > Roux-en-Y gastric bypass
- > Robotic system initiation

6:30 pm ◦ END OF SESSION
EVENING FREE

THURSDAY

LAPAROSCOPIC GENERAL SURGERY

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
- > Esophago-gastric 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

- > Ileo-caecal dissection and anastomoses
- > Roux-en-Y gastric bypass
- > Partial /total gastrectomy
- > Dissection of the hepatic pedicle
- > Robotic system initiation

6:30 pm ◦ END OF SESSION

8:00 pm ◦ DINNER IN HONOR OF PARTICIPANTS

FRIDAY

LAPAROSCOPIC GENERAL SURGERY

7:45 am ◦ EVALUATION OF THE PREVIOUS DAY

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

For candidates enrolled for University diploma multiple choice questionnaire

9:00 am ◦ **DIDACTIC SESSION**

Keynote lecture

> Future of minimally invasive surgery

Endocrine surgery

> Mini 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

1:30 pm ◦ LUNCH AT THE INSTITUTE

2:30 pm ◦ **DIDACTIC SESSION**

Splenic surgery

> Laparoscopic splenectomy: indications and techniques

Pancreatic surgery

> From diagnosis to pancreatectomy

Emerging role of flexible endoscopy in GI diseases

4:30 pm ◦ END OF THE COURSE

PRESENTATION OF CERTIFICATES OF ATTENDANCE
AND DIPLOMAS TO SUCCESSFUL CANDIDATES