

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**
Free evening

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: T-tube
 - > Roux-en-Y choledocojejunostomy
 - > Splenectomy
- 6:30 pm ○ **End of session**
Free evening

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)
- > 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**
Free evening

You can either register online for IRCAD courses at www.ircad.fr



Or scan this QR code to directly register for this course.

Thursday

- 7:45 am ○ **Evaluation of the previous day**
- 8:00 am ○ **Live surgery**
“Foregut surgery”
- 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 the participants**

This program may be subject to modifications.

Friday

LAPAROSCOPIC GENERAL SURGERY

- 7:45 am ○ **Evaluation of the previous day**
- 8:45 am ○ **University diploma proficiency test**
For candidates enrolled for University Diploma
Multiple Choice questionnaire
- 9:00 am ○ **Didactic session**
“Key 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
> Endoscopic 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

COURSE OBJECTIVES

- > To provide basic knowledge required for safe use of laparoscopic surgery
- > To describe all technical (instruments, trocars, energy sources...) and physiology principles of laparoscopic surgery
- > To critically review the most common laparoscopic surgical procedures
- > To learn or improve laparoscopic skills by repeatedly practicing suturing, knot-tying and performing surgical procedures during hands-on sessions

Additional information

5-DAY INTENSIVE COURSES

In the morning, participants will attend theoretical courses on different aspects of general surgery. Four experimental laboratory afternoons with training on live tissue will give the laparoscopic surgeon a broad perspective of the technique as well as the practical know-how essential to good clinical practice.

UNIVERSITY DIPLOMA IN LAPAROSCOPIC SURGERY

Evaluation through theoretical exams and practical tests at the end of the Intensive course session leads to the delivery of a “University Diploma in Laparoscopic Surgery” awarded by the University of Strasbourg. The diploma fees (around 430 €) are to be paid on the spot by check made payable to “University of Strasbourg” or in cash. **It is not included in the registration fees.** No payment by credit card will be accepted.



EDUCATIONAL METHODS

- > Interactive didactic and video sessions between Faculty and course participants
- > Live and pre-recorded operative demonstrations
- > Supervised hands-on training on live animal models
- > Objective structured assessment of technical skills

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