

## GENERAL SURGERY

### Monday

#### 8.45 AM

Registration and welcoming of participants

#### 9.00 AM

##### EQUIPMENT

- Operating theatre / choice of equipment
- The laparoscopic cart: insufflator - light source - camera
- Conventional and new laparoscopic instrumentation
- Energy sources: electrosurgery - ultrasonic dissection - thermofusion
- "Intelligent" OP room

##### BASIC PRINCIPLES OF LAPAROSCOPIC SURGERY

- Operative room organization
- Pneumoperitoneum
- Trocars - Exposure
- Sutures and Knots
- Anastomotic devices

##### COMPLICATIONS

#### 1.00 PM

Lunch at the Institute

#### 2.00 PM

##### TRAINING ON LIVE TISSUE (MINI-PIGS)

- Basic principles: insufflation - positioning of trocars - open laparoscopy - exposure - dissection - stapling - stitching and suturing
- Small bowel resection and anastomoses (Endo GIA™ - intracorporeal suture - endoloop)
- Gastrojejunostomy
- Cholecystectomy

#### 6.30 PM

End of session  
Evening free

### Tuesday

#### 7.45 AM

Evaluation of the previous day

#### 8.00 AM

##### LIVE SURGERY

##### TAPP & TEP INGUINAL HERNIA REPAIR

##### LAPAROSCOPIC HERNIA REPAIR

- Rationale of the laparoscopic approach and open surgical techniques
- Ventral and incisional hernia: current techniques
- Paraesophageal hernia

##### LAPAROSCOPIC BILIARY SURGERY

- Cholecystectomy
- CBD stone: principles of management
- Acute cholecystitis
- Complications and prevention of bile duct injuries

##### EMERGENCY SURGERY

- Laparoscopic surgery and peritonitis
- Acute appendicitis
- Perforated peptic ulcer
- Complicated sigmoiditis

#### 1.00 PM

Lunch at the Institute

#### 2.00 PM

##### TRAINING ON LIVE TISSUE (MINI-PIGS)

- TAPP Inguinal hernia repair
- Dissection of the common bile duct
- Choledochotomy
- Roux-en-Y choledochojejunostomy
- Splenectomy

#### 6.30 PM

End of session  
Evening free

You can register online for IRCAD courses at

[www.ircad.fr](http://www.ircad.fr)

Or use this code for a flash registration for this course



## Wednesday

### 7.45 AM

Evaluation of the previous day

### 8.00 AM

#### LIVE SURGERY

##### (DEPENDING ON CASES)

- Antireflux surgery
- Ventral and incisional hernia
- Colectomy for benign and malignant diseases
- TME for rectal cancer
- Splenectomy
- Bariatric surgery: sleeve gastrectomy, gastric bypass
- Robotic surgery

### 1.00 PM

Lunch at the Institute

### 2.00 PM

#### TRAINING ON LIVE TISSUE (MINI-PIGS)

- Stapled gastrojejunostomy
- Roux-en-Y choledochojejunostomy
- Hiatoplasty and fundoplication
- Dissection of the hepatic pedicle
- Robotic training

### 6.30 PM

End of session  
Evening free

## Thursday

### 7.45 AM

Evaluation of the previous day

### 8.00 AM

#### LIVE SURGERY

#### FOREGUT SURGERY

##### Antireflux Surgery

- Antireflux procedures for GERD
- Management of complications

##### Gastric neoplasia

- Gastrectomy for cancer
- Submucosal tumors

##### Achalasia

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

#### COLORECTAL SURGERY

- Surgical techniques, tips and tricks in left and right colectomy for benign and malignant diseases
- Total Mesorectal Excision (TME) in rectal cancer
- Transanal TME
- Transanal Endoscopic Microsurgery (TEM)

### 1.00 PM

Lunch at the Institute

### 2.00 PM

#### TRAINING ON LIVE TISSUE (MINI-PIGS)

- University Diploma Practical Evaluation
- Free choice of previously performed procedures
- Robotic training

### 6.30 PM

End of session

### 8.00 PM

Dinner in honor of participants

## GENERAL SURGERY

### Friday

**7.45 AM**

#### UNIVERSITY DIPLOMA PROFICIENCY TEST

For surgeons who have applied  
for the University Diploma  
Multiple Choice questionnaire

**8.45 AM**

Evaluation of the previous day

**9.00 AM**

#### FUTURE OF MINIMALLY INVASIVE SURGERY

#### ENDOCRINE SURGERY

- Thyroidectomy
- Parathyroidectomy
- Adrenalectomy

#### BARIATRIC AND METABOLIC SURGERY

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

**1.30 PM**

Lunch at the Institute

**2.30 PM**

#### FLUORESCENCE IMAGE-GUIDED SURGERY: THE AUGMENTED EYE

#### SPLENIC SURGERY

- Indications
- Techniques and technologies in total  
and partial splenectomy

#### LIVER SURGERY

- Indications and surgical techniques  
in benign and malignant liver diseases

#### PANCREATIC SURGERY

- Indications and surgical techniques  
in benign and malignant pancreatic  
diseases

#### COMPLICATIONS - CLINICAL CASES

- Interactive session

**4.30 PM**

End of course  
Delivery of certificates of attendance  
and diplomas to successful candidates

*This program may be subject  
to modifications.*

### Course objectives

To provide the basic knowledge  
required for clinical applications

- To describe all basic principles  
(instruments, materials, anesthesia  
equipment) and present the most  
used basic laparoscopic  
techniques

- To provide hands-on training  
sessions to learn or improve  
performance of basic techniques  
in laparoscopic surgery  
such as intracorporeal suturing  
and knot-tying techniques,  
two-hand coordination for  
dissection or safe use of energy  
in laparoscopy

- To describe results and potential  
complications of laparoscopic  
procedures

### Educational methods

Interactive theoretical and video  
sessions between faculty and  
course participants

- Live and pre-recorded operative  
demonstrations

- Hands-on training on live tissue  
(mini-pigs) in the experimental  
laboratory