



LAPAROSCOPIC GENERAL SURGERY

5-DAY INTENSIVE COURSES WITH OPTIONAL UNIVERSITY DIPLOMA

DATES

January 30 - February 3

May 22 - 26

July 3 - 7

September 25 - 29

November 13 - 17

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
- 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

7:45 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

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

- Ileocaecal dissection and anastomoses
- Fundoplication
- Splenectomy
- Roux-en-Y gastric bypass

6:30 pm — END OF SESSION
EVENING FREE

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

- Ileocaecal dissection and anastomoses
- Roux-en-Y gastric bypass
- Partial / total gastrectomy
- Dissection of the hepatic pedicle

6:30 pm — END OF SESSION

8:00 pm — DINNER IN HONOR OF THE PARTICIPANTS

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

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