



LAPAROSCOPIC GENERAL SURGERY

2025

5-DAY INTENSIVE COURSES WITH *OPTIONAL UNIVERSITY DIPLOMA*

February 3 - 7

May 19 - 23

June 30 - July 4

September 22 - 26

November 17 - 21

- 8:45 am ◇ REGISTRATION AND WELCOMING OF PARTICIPANTS
- 9:00 am ◆ **DIDACTIC SESSION**
- Laparoscopic equipment**
- Organization and laparoscopes, cameras, insufflators, etc.
 - 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
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7:50 am ◇ EVALUATION OF THE PREVIOUS DAY'S SESSIONS

8:00 am ◆ LIVE SURGERY

- TAPP & TEP inguinal hernia repair

LAPAROSCOPIC HERNIA REPAIR

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

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

- 7:50 am ◇ EVALUATION OF THE PREVIOUS DAY'S SESSIONS
- 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
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7:50 am ◇ EVALUATION OF THE PREVIOUS DAY'S SESSIONS

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 right and left 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

7:50 am	◇	EVALUATION OF THE PREVIOUS DAY'S SESSIONS
8:00 am	◆	UNIVERSITY DIPLOMA PROFICIENCY TEST <i>For candidates enrolled in the University diploma, a multiple-choice questionnaire will be administered.</i>
9:00 am	◆	DIDACTIC SESSION Keynote lecture <ul style="list-style-type: none">• Future of minimally invasive surgery Endocrine surgery <ul style="list-style-type: none">• Minimally invasive, robotic and transoral thyroidectomy and parathyroidectomy• Laparoscopic and robotic adrenalectomy Bariatric and metabolic surgery <ul style="list-style-type: none">• Tailored approach: gastric banding, 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 Splenic surgery Percutaneous surgery New trends Minimally invasive robot-assisted surgery <ul style="list-style-type: none">• Available platforms and future perspectives
4:30 pm	◇	END OF THE COURSE PRESENTATION OF CERTIFICATES OF ATTENDANCE AND DIPLOMAS TO SUCCESSFUL CANDIDATES