

PROGRAMME

INTENSIVE COURSE IN LAPAROSCOPIC GENERAL SURGERY



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OBJECTIVES

- To provide the basic knowledge required for clinical applications
- To describe all the basic principles (instruments, materials, equipments) and present the most used basic laparoscopic techniques
- Hands-on training sessions to learn or improve performance of basic technical tasks in laparoscopic surgery such as intra-corporeal suturing and knots tying techniques, two-hands co-ordination for dissection, 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

This programme may be subject to modifications or cancellations for timing reasons

FIRST DAY

09.00am Welcome to participants

THEORETICAL SESSION

09.05am **LAPAROSCOPIC EQUIPMENT**

- Laparoscope- camera- light source
- Insufflator
- Surgical energy devices
- Trocars and instruments

10.00am COFFEE BREAK

10.30am **BASIC PRINCIPLES**

- Operating room setup
- Access: techniques and recommendations
- Physiology of the pneumoperitoneum
- Tissue approximation: suturing, knot tying, stapling

12.00pm **LAPAROSCOPY FOR ABDOMINAL EMERGENCIES**

- Peritonitis
- Appendicitis
- Gastric perforation

01.00pm Laboratory rules

01.10pm **Pre-Lab Session** (Auditorium)
Description of surgical training procedures of the day

01.20pm LUNCH

EXPERIMENTAL LABORATORY

02.05pm **Lab session**

- Basic principles: Suture
- Dry Simulators

06.15pm End of the session

SECOND DAY

THEORETICAL SESSION

- 08.00am **INGUINAL HERNIA REPAIR**
- **LIVE** or PRE-RECORDED OPERATIVE DEMONSTRATIONS
 - Laparoscopic approach of hernia repair: TAPP
 - Laparoscopic approach of hernia repair: TEP
 - Role of laparoscopy in specific clinical conditions: Recurrent hernia, strangulated hernia...
 - Rationale of the laparoscopic approach and surgical techniques : TAPP vs TEP
- 10.00am **VENTRAL HERNIA:** Incisional and Umbilical
- 10.30am COFFEE BREAK
- 11.00am **HIATAL HERNIA**
- 11.30am **LAPAROSCOPIC BILIARY SURGERY**
- **Cholecystectomy**
 - Basic principles
 - Bile duct injuries: Incidence, risk factors, diagnosis and prevention
 - **Common Bile Duct Surgery**
 - Modern management of CBD stones
- 01.00pm **Pre-Lab Session** (Auditorium)
Description of surgical training procedures of the day
- 01.10pm LUNCH

EXPERIMENTAL LABORATORY

- 01.55pm **Lab session**
- Basic principles: Sutures and entero/entero
 - Dry Simulators
- 06.15pm End of the session

THIRD DAY

THEORETICAL SESSION

08.00am **MINIMALLY INVASIVE IMAGE-GUIDED SURGERY: HOW TO INVENT THE FUTURE**

08:30am **ESO-GASTRIC SURGERY**

- **LIVE** or PRE-RECORDED OPERATIVE DEMONSTRATIONS
(dependent on the surgical list)
- Fundoplication for GERD
- Gastrectomy
- Per Oral Endoscopic Myotomy

11.00am COFFEE BREAK

11.30am **MINIMALLY INVASIVE ESOPHAGECTOMY**

12.00pm **ESOPHAGECTOMY VIDEO**

- Intercurrences and complications

12.30pm **ADRENALECTOMY**

01.00pm **Pre-Lab Session** (Auditorium)
Description of surgical training procedures of the day

01.10pm LUNCH

EXPERIMENTAL LABORATORY

01.55pm **Lab session**

- Basic principles: Sutures and entero/entero
- Dry Simulators

06.15pm End of the session

FOURTH DAY

THEORETICAL SESSION

- 08.00am **COLORECTAL SURGERY**
- LIVE OPERATIVE DEMONSTRATION
(dependent on the surgical list)
 - Right Colectomy
 - Rectosigmoidectomy
 - Rectal cancer: rectosigmoidectomy

11.00am COFFEE BREAK

- 11.30am **Colorectal surgery**
- Tips and Tricks
 - Right colectomy
 - Left colectomy
 - TME
 - Transanal approach

12.00pm **Splenic Surgery**
Indications and technique

01.00pm LUNCH

01.45pm **Bariatric and Metabolic Surgery**

03.00pm **Discussion**

03.15pm End of the seminar
Delivery of the certificates of attendance