

DRAFT PROGRAMME

INTENSIVE COURSE IN LAPAROSCOPIC GENERAL SURGERY

APRIL 26TH TO 30TH, 2021



CHAIRMAN

Henrique Prata

*President, Fundação Pio XII
Hospital de Amor - Barretos*

PRESIDENT

Jacques MARESCAUX

*President, IRCAD
University of Strasbourg, France*

SCIENTIFIC DIRECTOR

Armando MELANI

*Scientific Director
IRCAD Latin America*

DIRECTOR OF THE COURSE

Armando MELANI

*Scientific Director
IRCAD Latin America*

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

LOCAL ORGANIZING COMMITTEE - HOSPITAL DE AMOR - BARRETOS

- **Luis Gustavo Romagnolo**
- **Carlos Véo**
- **Felipe Daldegan Diniz**
- **Marcos Denadai**
- **Maximiliano Cadamuro**

FACULTY

- A definir.

TRAINERS

- A definir.

Monday, April 26th 2021

Participants Shuttle Bus : Hotel – IRCAD

Faculty Shuttle Bus : Hotel – IRCAD

09.00 am Welcome to participants

THEORETICAL SESSION

Chairmen : E. Correia / G. Borda

09.05 am **EQUIPMENT**

- Laparoscope- camera – light source
- Insufflators, instruments...
- Surgical energy devices: electrosurgery, ultrasounds...

10.00 am COFFEE BREAK

10.30 am **BASIC PRINCIPLES**

- Operating room setup
- Methods of access to the peritoneal cavity
- Trocars characteristics - risks – safe manipulation
- Physiology of the pneumoperitoneum

12.00 am **TISSUE APPROXIMATION-HEMOSTASIS**

- Laparoscopic suturing and knotting methods
- Principles of mechanical stapling
- Techniques-devices and tricks for hemostasis

01.00 pm *Laboratory rules*

Laboratory team

01.15 pm LUNCH

EXPERIMENTAL LABORATORY – DRY LAB

02.00 pm **Pre-lab session** – Demonstration of the exercises to be performed (sutures in black box) - *Auditorium*

All faculty

- Practical exercises in the laboratory (surgical exercises intended to practice, ergonomics, suture, knots and management of instrumentals).

06.00 pm End of the session

Participants Shuttle Bus : IRCAD – Hotel

Faculty Shuttle Bus : IRCAD – Hotel

Tuesday, April 27th 2021

THEORETICAL SESSION

Chairmen : R. Araujo

08.00 am **LAPAROSCOPIC BILIARY SURGERY**

LIVE OPERATIVE DEMONSTRATIONS

- Laparoscopic Cholecystectomy

DIDACTIC SESSION

- Cholecystectomy
 - Basic principles

PRE-RECORDED OPERATIVE DEMONSTRATIONS

- Laparoscopic cholecystectomy for Acute cholecistitis
- Laparoscopic partial/sub-total cholecystectomy

10.30 am COFFEE BREAK

11.00 am *DIDACTIC SESSION*

- Bile Ducts Surgery
 - Modern management of CBD stones
 - Bile duct injuries
 - Incidence, risk factors, diagnosis and prevention
 - Management and outcome

PRE-RECORDED OPERATIVE DEMONSTRATIONS

- Laparoscopic Common bile duct exploration

12.30 pm LUNCH

EXPERIMENTAL LABORATORY - Practice on Live Tissue

01.15 pm **Pre-lab session – Procedures discriptions** (*Auditorium*) *All faculty*

- Basic principles : insufflation - positioning of trocars - open laparoscopy
- Clips - staples - laparoscopic sutures - knots - surgitie
- Small bowel resection (endoGIA - intracorporeal suture - surgitie)
- Small bowel dissection and anastomoses
- Hand-sewn gastro-jejunostomy
- Cholecystectomy

06.00 pm End of the session
Participants Shuttle Bus : IRCAD – Hotel
Faculty Shuttle Bus : IRCAD – Hotel

Wednesday, April 28th 2021

THEORETICAL SESSION

Chairmen : G. Arredondo / R. Sanderson

08.00 am **Imaging, Robotics and Artificial Intelligence: the 3 weapons to achieve a smart surgery**

08.40 am **INGUINAL HERNIA REPAIR**

LIVE or PRE-RECORDED OPERATIVE DEMONSTRATIONS

- Laparoscopic approach of hernia repair : TEP

DIDACTIC SESSION

- Role of laparoscopy in specific clinical conditions: recurrent hernia, strangulated hernia....
- TAPP hernia repair: tips & tricks
- Rationale of the laparoscopic approach for inguinal hernia repair

10.30 am COFFEE BREAK

11.00 am **EMERGENCIES: GASTRIC PERFORATION**

DIDACTIC SESSION

- Modern management of gastric perforation: open-laparoscopic or conservative
- Laparoscopic approach for gastric perforation

11.45 am **EMERGENCIES: APPENDICITIS**

DIDACTIC SESSION

Modern management of acute appendicitis: surgery vs conservative therapy

Technique(s) of laparoscopic appendectomy

12.15 pm **INCISIONAL and VENTRAL HERNIA**

PRE-RECORDED OPERATIVE DEMONSTRATIONS

- Laparoscopic incisional hernia repair

DIDACTIC SESSION

- Indications, mesh repair, suture repair, component separation repair, emergencies...

12.45 pm LUNCH

EXPERIMENTAL LABORATORY - Practice on Live Tissue

01.30 pm **Pre-lab session – Procedures discriptions (Auditorium)**

- TAPP inguinal hernia repair
- Ventral hernia repair
- Gastrointestinal-anastomosis
- Small bowel resection-anastomoses

All faculty

06.00 pm End of the session

Participants Shuttle Bus : IRCAD – Hotel

Faculty Shuttle Bus : IRCAD – Hotel

Thursday, April 29th 2021

THEORETICAL SESSION

Chairmen : D. Kanno / R. Kaiser

08.00 am COLORECTAL SURGERY

LIVE OPERATIVE DEMONSTRATION

- Sigmoidectomy

10.00 am COFFEE BREAK

10.30 am DIDACTIC SESSION

- Basic principles of colorectal surgery: patient preparation-OR setup-energy tools....
- Right colectomy: anatomy-based resection
- Sigmoidectomy: anatomy-based resection
- Introduction to Total Mesorectal Excision (TME)

12.00 pm EMERGENCIES: ACUTE SIGMOIDITIS

- Current medical and surgical approaches

12.30 pm SPLENIC SURGERY

- Indications and Surgical Techniques. Total and Partial Splenectomy

01.00 pm LUNCH

EXPERIMENTAL LABORATORY - Practice on Live Tissue

01.45 pm Pre-lab session – Procedures discriptions (Auditorium)

- Small bowel resection-anastomoses
- Right colectomy
- Sigmoidectomy
- Splenectomy

All faculty

06.15 pm End of the session

Participants Shuttle Bus : IRCAD – Hotel

Faculty Shuttle Bus : IRCAD – Hotel

Friday, April 30th 2021

THEORETICAL DAY

Chairmen : R. Araujo

08.00 am **ESO-GASTRIC SURGERY**
LIVE or PRE-RECORDED OPERATIVE DEMONSTRATIONS

- Antireflux surgery

10.00 am COFFEE BREAK

10.30 am *DIDACTIC SESSION*

- Techniques of anastomoses after gastrectomy
- Antireflux and hiatal hernia surgery
- Principles and techniques of gastrectomy for cancer
- Management of submucosal tumors

11.00 am **Proficiency Test (for the surgeons having applied for the University Diploma) – 1 hour**

12.45 pm LUNCH

01.45 pm **BARIATRIC and METABOLIC SURGERY**
DIDACTIC SESSION

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

03.00 pm **HBP SURGERY**
DIDACTIC SESSION

- An overview of the current role of laparoscopy

03.30 pm **CONCLUSIONS AND END OF THE SEMINAR**

03.45 pm Delivery of the certificates of attendance
Participants Shuttle Bus : IRCAD – Airports and Hotel
Faculty Shuttle Bus : IRCAD – Airports and Hotel