

# PROGRAMME

## INTENSIVE COURSE IN LAPAROSCOPIC GENERAL SURGERY

FEBRUARY 03<sup>RD</sup> TO 07<sup>TH</sup>, 2020



UNIDADE  
BARRETOS

### 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

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- 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

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- Interactive theoretical and video sessions between faculty and course participants
- Live and pre-recorded operative demonstrations

### LOCAL ORGANIZING COMMITTEE - HOSPITAL DE AMOR - BARRETOS

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

### FACULTY

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- TBD

### TRAINERS

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- TBD

**Monday, February 03<sup>rd</sup> 2020****Participants Shuttle Bus** : Hotel – IRCAD**Faculty Shuttle Bus** : Hotel – IRCAD

09.00 am Welcome to participants

**THEORETICAL SESSION**Chairmen : J. Ciongoli09.05 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**E. Belmonte*  
*(IRCAD 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, February 04<sup>th</sup> 2020**

**THEORETICAL SESSION**

*Chairmen : J. Ciongoli / R. Araújo*

**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**

**01.30 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, February 05<sup>th</sup> 2020**

**THEORETICAL SESSION**

*Chairmen : B. Dallemagne / TBD / TBD*

08.00 am **MINIMALLY INVASIVE SURGERY: NEXT STEPS**

08.40 am **INGUINAL HERNIA REPAIR**

*LIVE or PRE-RECORDED OPERATIVE DEMONSTRATIONS*

- Laparoscopic approach of hernia repair : TAPP

*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 **INCISIONAL and VENTRAL HERNIA**

*PRE-RECORDED OPERATIVE DEMONSTRATIONS*

- Laparoscopic incisional hernia repair

*DIDACTIC SESSION*

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

11.45 am **EMERGENCIES: GASTRIC PERFORATION**

*DIDACTIC SESSION*

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

**EMERGENCIES: APPENDICITIS**

*DIDACTIC SESSION*

- Modern management of acute apendicitis: surgery vs conservative therapy
- Technique(s) of laparoscopic appendectomy

12.45 pm LUNCH

**EXPERIMENTAL LABORATORY - Practice on Live Tissue**

01.15 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, February 06<sup>th</sup> 2020****THEORETICAL SESSION**

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**Chairmen : TBD / D. Kanno****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: anterior and posterior approaches

**01.00 pm LUNCH****EXPERIMENTAL LABORATORY - Practice on Live Tissue**

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**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, February 07<sup>th</sup> 2020****THEORETICAL DAY**

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**Chairmen : TBD / F. Felipe****08.00 am ESO-GASTRIC SURGERY****LIVE or PRE-RECORDED OPERATIVE DEMONSTRATIONS**

- Antireflux surgery

**10.00 am COFFEE BREAK****10.30 am DIDACTIC SESSION**

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

**11.00 am Proficiency Test (for the surgeons having applied for the University Diploma) – 1 hour****12.30 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