

# PROGRAMME

## INTENSIVE COURSE IN LAPAROSCOPIC GENERAL SURGERY SEPTEMBER 21<sup>ST</sup> TO 25<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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- Armando Melani (Brazil)
- Bernard Dallemagne (France) – *videoconference*
- Carlos Véo (Brazil)
- Danilo Toshio Kanno (Brazil)
- Dario Vianna Birolini (Brazil)
- Eduardo de Barros Correia (Brazil)
- Fernando Fellippe (Brazil)
- Jacques Marescaux (France) – *videoconference*
- José Ciongoli (Brazil)
- Juverson Terra (Brazil)
- Luis Romagnolo (Brazil)
- Marcelo Lopes Furtado (Brazil)
- Mariano Palermo (Argentina)
- Michel Vix (France) – *videoconference*
- Raphael Araújo (Brazil)
- Renato Tauil (Brazil)
- Roberto Luiz Kaiser Junior (Brazil)
- Rodrigo Chaves Ribeiro (Brazil)
- Vinicius Cordeiro da Fonseca (Brazil)

### TRAINERS

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- Allan Rodrigues de Moraes (Brazil)
- Diego Burgardt (Brazil)
- Gerardo Arredondo Manrique (Peru)
- Guilherme Terra (Brazil)
- Gustavo Souto Rachid Hatun (Brazil)
- Marcelo da Cunha (Brazil)
- Rodrigo Sanderson (Brazil)

**Monday, September 21<sup>st</sup> 2020**

**Participants Shuttle Bus** : Hotel – IRCAD

**Faculty Shuttle Bus** : Hotel – IRCAD

**09.00 am** Welcome to participants

## THEORETICAL SESSION

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Chairmen : J. Ciongoli; R. Chaves;

**09.05 am** **EQUIPMENT**

*B. Dallemagne*  
(videoconference)

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

**10.15 am** **COFFEE BREAK**

**10.45 am** **BASIC PRINCIPLES**

*L. Romagnolo*

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

**12.00 pm** **TISSUE APPROXIMATION-HEMOSTASIS**

*L. Romagnolo*

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

**01.00 pm** **LUNCH**

## EXPERIMENTAL LABORATORY – LIVE TISSUE

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**01.15 pm** **Pre-lab session–Procedures discriptions** (*Auditorium*)  
*Laboratory rules*

*L. Romagnolo*  
*E. Belmonte*

**02.00 pm**

- 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
- **EXTRA:** Surgical exercises for practice, ergonomics, suture, knots and instrument management (sutures in black box).

*All faculty*

**06.00 pm** End of the session

**Participants Shuttle Bus** : IRCAD – Hotel

**Faculty Shuttle Bus** : IRCAD – Hotel

**Tuesday, September 22<sup>nd</sup> 2020**

## **THEORETICAL SESSION**

**Chairmen :** *M. Palermo; E. Correia;*

- 08.00 am LAPAROSCOPIC BILIARY SURGERY**  
**LIVE OPERATIVE DEMONSTRATIONS**
- Antireflux *M. Furtado*
  - Laparoscopic Cholecystectomy *J. Terra*
- DIDACTIC SESSION**
- Cholecystectomy *B. Dallemagne*  
(videoconference)
    - Basic principles and prevention of BD injuries
- PRE-RECORDED OPERATIVE DEMONSTRATIONS** *J. Ciongoli*
- Laparoscopic cholecystectomy for Acute cholecistitis
  - Laparoscopic partial/sub-total cholecystectomy

**10.30 am COFFEE BREAK**

- 11.00 am DIDACTIC SESSION**
- Bile Ducts Surgery *M. Palermo*
    - Modern management of CBD stones
- PRE-RECORDED OPERATIVE DEMONSTRATIONS**
- Laparoscopic Common bile duct exploration *B. Dallemagne*  
(videoconference)

**12.30 pm LUNCH**

## **EXPERIMENTAL LABORATORY – 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
  - Antireflux procedures
- 06.00 pm** End of the session  
**Participants Shuttle Bus :** IRCAD – Hotel  
**Faculty Shuttle Bus :** IRCAD – Hotel

**Wednesday, September 23<sup>rd</sup> 2020**

**THEORETICAL SESSION**

Chairmen : M. Palermo ; R. Taui

**08.00 am**    **INGUINAL HERNIA REPAIR**

*LIVE or PRE-RECORDED OPERATIVE DEMONSTRATIONS*

- Laparoscopic approach of hernia repair : TAPP
- Laparoscopic approach of hernia repair : TEP

*M. Furtado*

*B. Dallemagne*  
*(videoconference)*

*DIDACTIC SESSION*

*M. Furtado*

- Role of laparoscopy in specific clinical conditions: recurrent hernia, strangulated hernia....

**10.00 am**    **COFFEE BREAK**

**10.30 am**    **INCISIONAL and VENTRAL HERNIA**

*PRE-RECORDED OPERATIVE DEMONSTRATIONS*

- Laparoscopic incisional hernia repair

*M. Furtado*

*DIDACTIC SESSION*

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

*M. Furtado*

**11.15 am**    **EMERGENCIES: GASTRIC PERFORATION**

*DIDACTIC SESSION*

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

*B. Dallemagne*  
*(videoconference)*

**EMERGENCIES: APPENDICITIS**

*DIDACTIC SESSION*

*E. Correia*

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

**12.15 pm**    **LUNCH**

**EXPERIMENTAL LABORATORY – LIVE TISSUE**

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

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

*All faculty*

**05.45 pm**    End of the session

**Participants Shuttle Bus** : IRCAD – Hotel

**Faculty Shuttle Bus** : IRCAD – Hotel

**Thursday, September 24<sup>th</sup> 2020**

## **THEORETICAL SESSION**

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**Chairmen : D. Kanno; R. Kaiser**

**08.00 am COLORECTAL SURGERY**

*LIVE OPERATIVE DEMONSTRATION*

- Sigmoidectomy

*A. Melani*

**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)

*R. Kaiser*

*L. Romagnolo*

*C. Veo*

*A. Melani*

**12.00 pm EMERGENCIES: ACUTE SIGMOIDITIS**

- Current medical and surgical approaches

*D. Kanno*

**12.30 pm SPLENIC SURGERY**

- Indications and surgical techniques: anterior and posterior approaches

*V. Cordeiro*

**01.00 pm LUNCH**

## **EXPERIMENTAL LABORATORY – 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, September 25<sup>th</sup> 2020**

**THEORETICAL DAY**

Chairmen : J. Ciongoli; M. Palermo;

**08.00 am ESO-GASTRIC SURGERY**

LIVE or PRE-RECORDED OPERATIVE DEMONSTRATIONS

- Gastrectomy

F.Felippe

**10.00 am COFFEE BREAK**

**10.30 am DIDACTIC SESSION**

- Hiatal hernia surgery
- Management of foregut submucosal tumors
- Principles and techniques of gastrectomy for cancer
- Techniques of anastomoses after gastrectomy
- How to avoid complications

M. Palermo

B. Dallemagne

F. Felippe

F. Felippe

D. Birolini

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

**12.30 pm LUNCH**

**01.15 pm BARIATRIC and METABOLIC SURGERY**

DIDACTIC SESSION

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

M. Vix  
(videoconference)

M. Vix  
(videoconference)

**02.15 pm HBP SURGERY**

DIDACTIC SESSION

- An overview of the current role of laparoscopy

R. Araujo

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

**03.15 pm** Delivery of the certificates of attendance

**Participants Shuttle Bus** : IRCAD – Airports and Hotel

**Faculty Shuttle Bus** : IRCAD – Airports and Hotel