

# PROGRAMME

## INTENSIVE COURSE IN LAPAROSCOPIC GENERAL SURGERY

FEBRUARY 11<sup>TH</sup> TO 15<sup>TH</sup>, 2019



UNIDADE  
BARRETOS

### CHAIRMAN

**Henrique Prata**

Director General  
Hospital de Amor - Barretos

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**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

**Luis G. Romagnolo (Brazil)** Department of Oncological Surgery - Low Digestive System – Hospital de Amor Barretos

## FACULTY

- Armando MELANI (Brazil)
- Bernard DALLEMAGNE (Belgium)
- Bruno PEREIRA (Brazil)
- Jacques MARESCAUX (France)
- Juverson TERRA (Brazil)
- Luis G. C. ROMAGNOLO (Brazil)
- Luis Poggi (PERU)
- Marcelo FURTADO (Brazil)
- Michel VIX (France) – *videoconference*
- Paulo BERTULUCCI (Brazil) – *videoconference*
- Raphael ARAÚJO (Brazil)

## TRAINERS

- Danilo Kanno (Brazil)
- Diego BURGARDT (Brazil)
- Fernando FELIPPE (Brazil)
- Guilherme ACCORSI (Brazil)
- João Paulo RIPARDO (Brazil)
- José BENTO (Brazil)
- José CIONGOLI (Brazil)
- Marcel DOMENICONI (Brazil)
- Marco SANCTIS (Brazil)
- Rafael IZAR (Brazil)

**Monday, February 11<sup>th</sup> 2019**

**Participants Shuttle Bus :** Hotel – IRCAD

**Faculty Shuttle Bus :** Hotel – IRCAD

09.00 am Welcome to participants

### **THEORETICAL SESSION**

**Chairmen :** J. Ciongoli / F. Felipe

09.05 am **EQUIPMENT**

*B. Dallemagne*

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

10.00 am COFFEE BREAK

10.30 am **BASIC PRINCIPLES**

*L. Romagnolo*

- 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**

*P. Bertulucci  
videoconference*

- 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 12<sup>th</sup> 2019**

**THEORETICAL SESSION**

*Chairmen : J. Ciongoli / R. Araujo*

- 08.00 am **LAPAROSCOPIC BILIARY SURGERY**  
*LIVE OPERATIVE DEMONSTRATIONS*
- Laparoscopic Cholecystectomy *J. Terra*
- DIDACTIC SESSION*
- Cholecystectomy *B. Dallemagne*
    - Basic principles
- PRE-RECORDED OPERATIVE DEMONSTRATIONS*
- Laparoscopic cholecystectomy for Acute cholecistitis *L. Poggi*
  - Laparoscopic partial/sub-total cholecystectomy

10.30 am COFFEE BREAK

- 11.00 am *DIDACTIC SESSION*
- Bile Ducts Surgery *R. Araújo*
    - 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 *B. Dallemagne*

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 13<sup>th</sup> 2019**

**THEORETICAL SESSION**

*Chairmen : B. Dallemagne / M. Cunha*

08.00 am **MINIMALLY INVASIVE SURGERY: NEXT STEPS** *J. Marecaux*

08.40 am **INGUINAL HERNIA REPAIR**

*LIVE or PRE-RECORDED OPERATIVE DEMONSTRATIONS*

- Laparoscopic approach of hernia repair : TAPP *M. Furtado*

*DIDACTIC SESSION*

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

10.30 am COFFEE BREAK

11.00 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...

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 *B. Pereira*
- 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 *All faculty*
- Ventral hernia repair
- Gastrointestinal-anastomosis
- Small bowel resection-anastomoses

06.15 pm End of the session

**Participants Shuttle Bus : IRCAD – Hotel**

**Faculty Shuttle Bus : IRCAD – Hotel**

**Thursday, February 14<sup>th</sup> 2019**

**THEORETICAL SESSION**

*Chairmen : M. Domeniconi / D. Kanno*

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.... *M. Domeniconi*
- Right colectomy: anatomy-based resection *M. Denadai*
- Sigmoidectomy: anatomy-based resection *L. Romagnolo*
- Introduction to Total Mesorectal Excision (TME) *A. Melani*

12.00 pm **EMERGENCIES: ACUTE SIGMOIDITIS**

- Current medical and surgical approaches *M. Domeniconi*

12.30 pm **SPLENIC SURGERY**

- Indications and surgical techniques: anterior and posterior approaches *F. Felipe*
- Laparoscopic approach for gastric perforation

01.00 pm LUNCH

**EXPERIMENTAL LABORATORY - Practice on Live Tissue**

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

- Small bowel resection-anastomoses *All faculty*
- Right colectomy
- Sigmoidectomy
- Splenectomy

06.15 pm End of the session

**Participants Shuttle Bus : IRCAD – Hotel**

**Faculty Shuttle Bus : IRCAD – Hotel**

**Friday, February 15<sup>th</sup> 2019**

**THEORETICAL DAY**

Chairmen : TBD

**08.00 am ESO-GASTRIC SURGERY**

*LIVE or PRE-RECORDED OPERATIVE DEMONSTRATIONS*

- Antireflux surgery or Esophageal Myotomy for achalasia

*B. Dallemagne*

**10.00 am COFFEE BREAK**

**10.30 am DIDACTIC SESSION**

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

*B. Dallemagne*

*F.Felippe*

*F.Felippe*

*F.Felippe*

**VIDEO SESSION – CLINICAL CASES**

Discussion

**01.00 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

*M. Vix  
(videoconference)*

**03.00 pm HBP SURGERY**

*DIDACTIC SESSION*

- An overview of the current role of laparoscopy

*R. Araújo*

**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