

PROGRAMME

GENERAL LAPAROSCOPIC SURGERY COURSE FOR RESIDENTS

FEBRUARY 13th TO 15th 2020



UNIDADE
BARRETOS

CHAIRMAN

Henrique Prata

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

PRESIDENT

Jacques Marescaux
*President of IRCAD
University of Strasbourg, France*

SCIENTIFIC DIRECTOR

Armando Melani
*Scientific Director of IRCAD América
Latina
Americas Medical City, Rio de Janeiro*

DIRECTORS OF THE COURSE

Luis G. C. Romagnolo
Hospital de Amor – Barretos
Paulo Bertulucci
Americas Medical City, Rio de Janeiro

GOALS

- To provide necessary basic knowledge for clinical applications.
- Describe the basics (surgery tools, materials, equipment) and present the most used basic laparoscopic techniques.
- Practical training sessions to learn or improve the performance of basic techniques in laparoscopic surgery, such as intra-corporeal suturing and tying techniques of knots, coordinating both hands for dissection and safe energy use in laparoscopy.
- To describe the results and potential complications of laparoscopic procedures.

EDUCATIONAL METHODS

- Interactive theoretical and video sessions between faculty and course participants.

ORGANIZING COMMITTEE

Luis G. C. Romagnolo - Department of Oncological Surgery - Low Digestive – Hospital de Amor – Barretos

Alexandre Cesar Santos - Department of Oncological Surgery - Urology – Hospital de Amor – Barretos

Rodrigo Chaves – Department of Pediatric Surgery – Hospital de Amor - Barretos

FACULTY & TRAINER

Thursday, February 13th 2020

- 07.30 **Shuttle bus for participants and faculties:** Kehdi Plaza Hotel – IRCAD
- 07.20 **Shuttle bus for participants:** Ibis Hotel – IRCAD
- 07.30 **Shuttle bus for participants:** Barretos Country Hotel – IRCAD
- 08.00 Welcoming the participants

L. Romagnolo**Theoretical Session****Sources of Energy and First Puncture****Chairpersons:**

- 08:15 (30') Why should I learn laparoscopy?
- 08:45 (30') Basic Principles in Laparoscopy
- 09:15 (35') Effects of pneumoperitoneum

09:50 – 10:10 Coffee Break

- 10:10 (30') Discussion
- 10:40 (30') Video tower and optic elements
- 11:10 (35') Why should I trust energy?
- 11:45 (35') Ergonomics and Geometry in laparoscopy surgery

12:20 – 13:05 Lunch**EXPERIMENTAL LABORATORY**

- 13:05 Presentation of the exercises in Black Box - *Auditorium*
- 13:15 Black Box Training
Orientation, Cognition and Roeders Knot
- 17:00 End of training
- Shuttle bus for participants:** IRCAD – Hotel
Shuttle bus for faculty: IRCAD – Hotel

L. Romagnolo**All faculty**

Friday, February 14th 2020

- 07.50 **Shuttle bus for participants and faculties:** Kehdi Plaza Hotel – IRCAD
- 07.40 **Shuttle bus for participants:** Ibis Hotel – IRCAD
- 07.50 **Shuttle bus for participants:** Barretos Country Hotel – IRCAD

Theoretical Session / Edited Videos

Chairpersons

- 08:15 (20') Laparoscopic cholecystectomy: How to perform?
- 08:35 (10') Exploration of the biliary tract
- 08:45 (20') Essential anatomical parameters and gastroesophageal reflux surgery
- 09:05 (15') Appendicectomy
- 09:20 (15') Splenectomy
- 09:35 (10') Inguinal hernia repair
- 09:45 (20') How to avoid complications

10:05 – 10:25 Coffee Break

Theoretical Session / Edited Videos

Chairpersons:

- 10:25 (30') Intra-corporeal suture
- 10:55 (20') Laparoscopy in children
- 11:15 (10') Laparoscopy in trauma – what to do?
- 11:25 (10') Simple Histerectomy for Residents

12:00-12:45 Lunch

EXPERIMENTAL LABORATORY

- | | | |
|-------|---|---------------------|
| 12:45 | Demonstration of the exercises to be performed (sutures in black box) - <i>Auditorium</i> | L. Romagnolo |
| 12:55 | Practical exercises in the laboratory (surgical exercises intended to practice, ergonomics, suture, knots and management of instrumentals). | All faculty |
| 17:15 | End of training
Shuttle bus for participants: IRCAD – Hotel
Shuttle bus for faculty: IRCAD – Hotel | |

Saturday, February 15th 2020

- 08.10 **Shuttle bus for participants and faculties:** Kehdi Plaza Hotel – IRCAD
08.00 **Shuttle bus for participants:** Barretos Country – IRCAD
08.10 **Shuttle bus for participants:** Ibis Hotel – IRCAD

EXPERIMENTAL LABORATORY – Practice on Live Tissue

- 08:30 Laboratory rules - *Auditorium* **E. Belmonte**
08:40 Demonstration of the exercises to be performed on living tissue -
Auditorium **L. Romagnolo**
08:50 Exercises in the laboratory **All faculty**
- EXERCISE 1 – A - Cistopexy
B - Cistotomy
C - Cystorraphy
- EXERCISE 2 – A - Vascular Control
B - Enterotomy & Entero Anastomoses

09:30 – 10:30 Open Coffee Break**13:00 – 13:45 Lunch**

- 13:45 Exercises in the laboratory **All faculty**
- EXERCISE 3 – Cholecystectomy
EXERCISE 4 – Gastroenteroanastomoses
EXERCISE 5 – Splenectomy
EXERCISE 6 – Mixed exercises
- 16:45 **End of Course – Delivery of the certificates**
17:00 **Transport (IRCAD – Airports / IRCAD – Hotel)**