

PROGRAMME

GENERAL LAPAROSCOPIC SURGERY COURSE FOR RESIDENTS

JUNE 10TH TO 12TH 2019



UNIDADE
BARRETOS

CHAIRMAN

Henrique Prata

*General Director
Hospital de Amor - Barretos*

PRESIDENT

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

SCIENTIFIC DIRECTOR

Armando Melani
*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

FACULTY & TRAINER

TBD

Monday, June 10th 2019

- 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:** V. Cordeiro da Fonseca / J. Ciongoli

- 08:15 (30') Why should I learn laparoscopy?
- 08:45 (30') Basic Principles in Laparoscopy
- 09:15 (35') Ergonomics and Geometry in laparoscopy surgery

09:50 – 10:10 Coffee Break

- 10:10 (30') Effects of pneumoperitoneum
- 10:40 (30') Discussion
- 11:10 (35') Video tower and optic elements
- 11:45 (35') Why should I trust energy?

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

L. Romagnolo**All faculty**

Shuttle bus for participants: IRCAD – Hotel
Shuttle bus for faculty: IRCAD – Hotel

Tuesday, June 11th 2019

- 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: A. C. Santos / V. Cordeiro da Fonseca

- 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') Explenectomy
- 09:35 (10') Inguinal hernia repair
- 09:45 (20') How to avoid complications

10:05 – 10:25 Coffee Break

Theoretical Session / Edited Videos

Chairpersons: J.Ciongoli / R. Becker Pereira

- 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
- 11:35 (20') Discussion

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 | |

Wednesday, June 12th 2019

- 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)**

PROGRAMME

ADVANCED COURSE IN ACUTE CARE AND TRAUMA SURGERY JUNE 13TH AND 14TH, 2019



UNIDADE
BARRETOS

CHAIRMAN

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Hospital de Amor*

PRESIDENT

Jacques Marescaux

*President, IRCAD
University of Strasbourg, France*

DIRECTOR

Armando Melani

*Director, IRCAD América Latina
Americas Medical City, Rio de Janeiro, Brazil*

COURSE DIRECTOR

Marcelo Ribeiro

*Universidade de Santo Amaro- UNISA, Brazil
General Secretary of SBAIT, Brazil*

OBJECTIVES

- To cover a wide range surgical procedures in Acute Care and Trauma surgery
- To provide indications, as well as surgery options for treatment of the most current diseases in Acute Care and Trauma surgery
- To provide an introduction for the usage of laparoscopic approach in Acute Care and Trauma
- To provide an introduction for the utilization of Negative Pressure Therapy and Damage Control Principles
- To highlight the technical aspects of the surgical interventions through live streaming videos
- To allow discussion between the experts and the surgeon trainees
- To discuss with the trainees the different case scenarios which will be presented by the staff
- To provide hands-on sessions to improve skills in laparoscopic Acute Care and Trauma, using energy devices, staplers and devices of negative pressure therapy (TPN).

EDUCATIONAL METHODS

- Interactive theoretical and video sessions between faculty and course participants
- Demonstrations of previously recorded surgeries

FACULTY

TDB

Thursday, June 13th, 2019

08.00 am Welcome to participants

Each case discussion will be composed of the following script:

- 10min** – Case presentation, physical exam, lab and image tools for the case
- 10min** – Debate to formulate diagnosis and discuss other needs - experts and audience –vote
- 20min** – Treatment done for the case with debate with experts – before present the treatment performed please provide treatment options for vote
- 5min** – Take home message (high lights evidence based) on the discussed topic (no more than 5 slides)
- 15min** – Open discussion with audience

Theoretical Session

NON TRAUMATIC SURGERIES IN ACUTE CARE – PART 1 - CASE PRESENTATION & DEBATES

Moderator :

8:30 am Case 1 - ACS (complicated appendicitis) **35 min** **Presenter:**
10 min

9:15 am Case 2 – ACS (complicated diverticulitis) **35 min** **Presenter:**
10 min

10:30 - 11:00 am Open Coffee Break (30 min)

NON TRAUMATIC SURGERIES ION ACUTE CARE SURGERY – PART 2 – CASE PRESENTATION DEBATES

10:00 am Case 3 – ACS (Complicated Cholecystitis) **35 min** **Presenter:**
10 min

10:45 am Case 4 – ACS (Complicated Pancreatitis) **35 min** **Presenter:**
10 min

12:00 pm Lunch (45 min)

Theoretical Session

NON TRAUMATIC SURGERIES IN ACUTE CARE – PART 3 – CASE PRESENTATION

12:45 pm Case 5 – ACS (Strangulated Hernia) **35 min** **Presenter:**
10 min

1:30 pm Laboratory rules

1:35 pm Descriptions of the purposes and methods of the practical sessions

Experimental Laboratory

1:45 pm LAPAROSCOPY:
 - Gastric suture – 2 cm lesion
 - To go through the small intestine:
 - From Treitz until 100 cm
 - From VIC until 100 cm
 - Enterectomy or enteroraphy
 - Cecostomy (appendectomy)

THORACOSCOPY
 - Diagnostic Thoracoscopy

With the purpose to simulate the following diseases or maneuvers: perforated peptic ulcer, diagnosed laparoscopy, small bowel and colon injuries, complicated diverticulitis, complicated appendicitis.

6:15 pm End of the session
 Shuttle Bus: IRCAD – Hotel

Friday, June 14th, 2019Theoretical Session**TRAUMA SURGERY – PART 1 – CASE PRESENTATION & DEBATES****8:30 am** Case 1 – Trauma (Thorax + thoracoabdominal injury) **Presenter:****9:10 am** Case 2 – Trauma (Abdominal trauma with damage control and eventual definite repair)**Presenter:****10:00 am – 10:30 am Open Coffee Break (30 minutes)****TRAUMA SURGERY – PART 2 – CASE PRESENTATION & DEBATES****09:50 am** Case 3 – Trauma (Vascular + DCS) **Presenter:****10:30 am** Case 4 - Trauma (Severe shock – damage control resuscitation + DCS+REBOA) **Presenter:****12:00 pm Lunch (45min)****TRAUMA SURGERY – PART 3 – CASE PRESENTATION & DEBATES****12:45 pm** Case 5 – Trauma (Pelvic with indication to IR) **Presenter:****1:35 pm** Case 6 – Trauma (Pancreatoduodenal trauma) **Presenter:**Experimental Laboratory

2:25 pm LAPAROTOMY - Preperitoneal Packing
- Pringle Maneuver
- Liver packaging
- Splenectomy
- Vascular Suture
- Abthera – V.A.C.System

THORACOTOMY - Left thoracotomy
- Aorta clamping
- Cardiac injury

In order to simulate the following diseases or maneuvers: roasted – abdominal penetrating injury, diaphragmatic injury, splenic injury, liver injury, central vessels injury, temporary abdominal closure, cardiac injury, emergency thoracotomy and resuscitation.

5:30 pm End of Session
Shuttle Bus: IRCAD – Hotel
Delivery of Certificate of Attendance

All our thanks for their crucial participation to:

This programme may be subject to modification



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and also to



Edwards



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