

PROGRAMME

INTENSIVE COURSE IN LAPAROSCOPIC GENERAL SURGERY

JULY, 15TH – 19TH, 2019



UNIDADE
RIO DE
JANEIRO

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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

Faculty

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|--------------------|--------------------|---------------------|-----------------|
| Alexandre Resende | Croider Lacerda | João Pupo Neto | Luis Poggi |
| Armando Melani | Delta Madureira | José Ciongoli | Marcelo Furtado |
| Augusto Tinoco | Eduardo Fernandes | José Julio | Marlos |
| Aureo Ludovico | Fábio Madureira | José Luis Varela | Miguel Pedroso |
| Bernard Dallemagne | Fernando de Barros | Julio Cesar Beitler | |
| Bruno Pereira | Fernando Madureira | Juerson Terra | |
| Camila Santos | Gastão Silva | Leonardo de Castro | |
| Claudio Jamel | Jacques Marescaux | Luciana El-Kadre | |

First Day – Monday, July 15th

09.00 am Welcome To Participants *Jacques Marescaux*

Theoretical Sessions

Chairmen: Fabio Madureira, Croider Lacerda

09.05 am **EQUIPMENT**

- Laparoscope- Camera- Light Source
- Insufflator, instruments...
- Surgical Energy Devices, electrosurgery, ultrasounds...

Bernard Dallemagne

10.15 am *Coffee Break*

10.45 am **BASIC PRINCIPLES of Laparoscopic Surgery**

- Operating Room Setup
- Methods of Access to the Peritoneal Cavity
- Trocars characteristics – Risks – Safe Manipulation

Bernard Dallemagne

12.00 pm **TISSUE APPROXIMATION - HEMOSTASIS**

- Laparoscopic Suturing and Knotting Methods
- Principles of Mechanical Stapling
- Techniques-Devices and Tricks for Hemostasis

Paulo Bertulucci

01.00 pm **LABORATORY RULES** *Danielle Leitão*

01.15 pm *Lunch at the Institute*

Experimental Laboratory – Dry Lab

02.00 pm **Pre-Lab Session** – Demonstration of the exercises to be performed (sutures in black box) – Auditorium

Laboratory Coordinators:

- Surgical exercises for practice, ergonomics, suture, knots and instrument management.

*José Bento
Croider Lacerda
Paulo Bertulucci*

06.00 pm *End of the First Day*

Second Day – Tuesday, July 16th

Laparoscopic Biliary Surgery – Theoretical Sessions

Chairmen: *Fernando Madureira, José Julio, Augusto Tinoco*

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| | Live Operative Demonstration | |
| | Laparoscopic Cholecystectomy | <i>Fernando Madureira</i> |
| | Didactic Session | |
| 08.00 am | Cholecystectomy <ul style="list-style-type: none"> • Basic Principles | <i>Bernard Dallemagne</i> |
| | Pre-Recorded Operative Demonstrations | |
| | Laparoscopic Cholecystectomy for Acute Cholecistitis | <i>Luis Poggi</i> |
| | Laparoscopic Partial/Sub-Total Cholecystectomy | <i>Bernard Dallemagne</i> |
| 10.30 am | Coffee Break | |
| | Didactic Session | |
| 11.00 am | Bile Ducts Surgery <ul style="list-style-type: none"> • Modern Management of CBD Stones • Bile Duct Injuries • Incidence, Risk Factors, Diagnosis and Prevention • Management and Outcome | <i>Augusto Tinoco</i> |
| | Pre-Recorded Operative Demonstrations | |
| | Laparoscopic Common Bile Duct Exploration | <i>Bernard Dallemagne</i> |
| 12.30 pm | Lunch at the Institute | |
| Experimental Laboratory – Practice on Live Tissue | | |
| | Pre-Lab Session – Procedures Descriptions | <i>Laboratory Coordinators:</i> |
| 01.30 pm | <ul style="list-style-type: none"> • 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 | <i>José Bento</i> <i>Croider Lacerda</i> <i>Paulo Bertulucci</i> |
| 06.00 pm | End of the Second Day | |

Third Day – Wednesday, July 17th

Theoretical Sessions

Chairmen: José Julio Beitler, Delta Madureira

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| 08.00 am | Minimally Invasive Surgery: Next Steps | <i>Jacques Marescaux</i> |
| | <i>Inguinal Hernia Repair</i> <i>Live or Pre-Recorded Operative Demonstrations</i> | |
| | Laparoscopic Approach of Hernia Repair: TAPP | <i>Marcelo Furtado</i> |
| | Laparoscopic Approach of Hernia Repair: TEP | <i>Bernard Dallemagne</i> |
| 08.30 am | <i>Didactic Session</i> | |
| | Role of Laparoscopy in Specific Clinical Conditions: Recurrent Hernia, Strangulated Hernia... | <i>Delta Madureira</i> |
| | TAPP Hernia Repair: Tips & Tricks | <i>Marcelo Furtado</i> |
| | Rationale of the Laparoscopic Approach for Inguinal Hernia Repair | <i>Marcelo Furtado</i> |
| 10.30 am | <i>Coffee Break</i> | |
| | <i>Incisional and Ventral Hernia</i> | |
| | <i>Pre-Recorded Operative Demonstrations</i> | |
| 11.00 am | Laparoscopic Incisional Hernia Repair | <i>Marcelo Furtado</i> |
| | <i>Didactic Session</i> | |
| | Indications, Mesh Repair, Suture Repair, Component Separation Repair, Emergencies | <i>Marcelo Furtado</i> |
| | <i>Emergencies: Gastric Perforation – Didactic Session</i> | |
| | Modern Management of Gastric Perforation: Open Laparoscopic or Conservative | <i>Fernando Madureira</i> |
| 11.45 am | Laparoscopic Approach for Gastric Perforation | <i>Fernando Madureira</i> |
| | <i>Emergencies: Appendicitis</i> | |
| | Modern management of acute appendicitis: surgery vs. conservative therapy | <i>Bruno Pereira</i> |
| | Technique(s) of laparoscopic appendectomy | <i>José Bento</i> |
| 12.45 pm | <i>Lunch at the Institute</i> | |
| Experimental Laboratory – Practice on Live Tissue | | |
| | <i>Pre-Lab Session – Procedures Descriptions</i> | <i>Laboratory Coordinators:</i> |
| 01.15 pm | <ul style="list-style-type: none"> • TAPP Inguinal Hernia Repair • Ventral Hernia Repair • Gastrointestinal-Anastomosis • Small Bowel Ressection-Anastomoses | <i>José Bento Croider Lacerda Paulo Bertulucci</i> |
| 06.00 pm | <i>End of the Third Day</i> | |

Fourth Day – Thursday, July 18th

Colorectal Surgery – Theoretical Sessions

Chairmen: João Pupo, Pandini

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| 08.00 am | Live or Pre-Recorded Operative Demonstrations | |
| | Rectosigmoidectomy | Armando Melani |
| 10.00 am | Coffee Break | |
| | Didactic Sessions | |
| 10.30 am | Basic Principles of Colorectal Surgery: Patient Preparation, O.R. Setup, Energy Tools... | João Pupo |
| | Right Colectomy: Anatomy-Based Resection | Miguel Pedroso |
| | Sigmoidectomy: Anatomy-Based Resection | Marlos |
| | Introduction to Total Mesorectal Excision (TME) | Armando Melani |
| 12.00 pm | Emergencies: Acute Sigmoiditis – Didactic Session | |
| | Current Medical and Surgical Approaches | Armando Melani |
| 12.30 pm | Splenic Surgery – Didactic Session | |
| | Indications and Surgical Techniques: Anterior and Posterior Approaches | Croider Lacerda |
| 01.00 pm | Lunch at the Institute | |

Experimental Laboratory – Practice on Live Tissue

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| | Pre-Lab Session – Procedures Descriptions | |
| 01.45 pm | <ul style="list-style-type: none"> • Small Bowel Resection-Anastomoses • Right Colectomy • Sigmoidectomy • Splenectomy | |
| 06.00 pm | End of the Fourth Day | |

Fifth Day – Friday, 19th

Theoretical Day

Chairmen: José Luis Varela, Delta Madureira, Aureo Ludovico

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| 08.00 am | Eso-Gastric Surgery | |
| | Live or Pre-Recorded Operative Demonstrations | |
| | Antireflux Surgery or Esophageal Myotomy for Achalasia | <i>Bernard Dallemagne</i> |
| 10.00 am | Coffee Break | |
| 10.30 am | Didactic Session | |
| | Hiatal Hernia Surgery | <i>Bernard Dallemagne</i> |
| | Principles and Techniques of Gastrectomy for Cancer | <i>Antonio Talvane</i> |
| | Techniques of Anastomoses after Gastrectomy | <i>Antonio Talvane</i> |
| | Management of Submucosal Tumors (GIST) | <i>Bernard Dallemagne</i> |
| | Video Session – Clinical Cases | |
| | • Discussion | |
| 01.00 pm | Lunch at the Institute | |

Bariatric and Metabolic Surgery- Theoretical Sessions

Chairmen: Luciana El-Kadre, Leonardo Ferraz, Claudio Jamel

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| 01.45 pm | Tailored Approach: Gastric Banding, Sleeve Gastrectomy & Gastric Bypass | <i>Fernando de Barros</i> |
| | Management of Common and Difficult Complications | <i>Claudio Jamel</i> |
| | Metabolic Surgery | <i>Aureo Ludovico</i> |
| 03.00 pm | HBP Surgery – Theoretical Sessions | |
| | An Overview of the Current Role of Laparoscopy | <i>Alexandre Resende</i> |
| 03.30 pm | Conclusion and Delivery of Certificates | |