

# PROGRAMME

## BARIATRIC ENDOSCOPY COURSE



UNIDADE  
RIO DE  
JANEIRO

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### BACKGROUND:

Bariatric Endoscopy (BE) is a neologism meaning a new term created to define the interface of advanced therapeutic endoscopy with Bariatric Surgery (BS) and obesity treatment. Mainly, its interface deals with treating bariatric surgery complications and primary obesity itself even revising secondary obesity (post-op weight loss failure or post-op weight regain). The interest about BE among bariatric surgeons and gastroenterologists/endoscopists are growing fast as training and information on this matter is truly needed since training opportunities are really scarce. That said, IRCAD on pioneering way offers a course focused on Bariatric Endoscopy on a with faculties very experienced on the field that will perform live cases and with a hands-on lab that will allow the participants to get in touch with the procedures and technology discussed closing the initial learning circle on this promising new field

### COURSE BRIEFING:

This particular course aims to give the participants an in-depth but practical view about what represents the Bariatric Endoscopy from its interface with bariatric surgery complications to the recent advances on endoscopic treatment of obesity and type 2 diabetes. To achieve that, the course is divided in three parts; the initial one will covers the topics with expert faculty presentations describing the comparative bariatric anatomy integrating surgical and imaging information followed by presentations over the main bariatric procedures and complications in-which endoscopic approach plays a role. On the sequence, the endoscopic treatment of obesity will be presented with on its options, pros and cons, from the Intra-gastric balloons and its different models to the new procedures like endoscopic suturing and the Endolumenal bypass. Also the endoscopic approach for post-op weight regain will be covered. After initial presentations, a live procedures session will broadcast the available cases were endoscopy can be use to treat complications and how endoscopy can be used to treat obesity and its comorbidities. At the end the end the participants will have a hands-on training on the lab passing trough different stations were they will have the opportunity to interact with the technology and procedures presented.

## FIRST DA

07:45 am Registration

08:00 am Welcome to participants  
Introduction of the course

### 08:25 – 8:40 AM - BARIATRIC ENDOSCOPY 1 – OVERVIEW

Bariatric Endoscopy Anatomy

### OPEN – COFFEE BREAK

### 08:40 AM - BARIATRIC ENDOSCOPY 2 – ENDOSCOPIC TREATMENT OF OBESITY, DIABETES AND WEIGHT REGAIN

- 08:40 am - The role of endoscopy in the management of bariatric patients: the surgeon's point of view
- 08:50 am - Intra-gastric balloons:
  - 08:50 am - Review of literature - results and complications
  - 09:05 am - Types of IGB
  - 09:20 am - The Brazilian Consensus
  - 09:35 am - IGB in adolescents
  - 09:45 am - IGB in children
  - 09:55 am - Long term results
- 10:05 am - Weight regain and weight loss failure (overview and perspective)
- 10:15 am - Argon Plasma (APC) on RYGB post-op weight regain
- 10:30 am - Roux-and-Y Gastric Bypass (RYGB): Ring/Band complications
- 10:40 am - Endoscopic suturing on RYGB post-op weight regain
- 10:50 am - Endoscopic Sleeve Gastroplasty
- 11:05 am - Endolumenal Duodenal Resurfacing *and magnetic anastomosis*
- 11:20 pm - Endobarrier : results and perspectives
- 11:30 pm - Discussion

### 11:50 AM - LABORATORY RULES

### 12:00 – 01:00 PM – LUNCH

### 01:00 AM - BARIATRIC ENDOSCOPY - ORIENTATIONS AND TECHNIQUES

Orientations and techniques to be used in the laboratory (VIDEOS)

### 01:15 PM – OPTION A: PRACTICE ON THE LABORATORY: ENDOSCOPIC TREATMENT OF BARIATRIC COMPLICATION

Chairmen - All faculty

- Placement and removal of prosthesis
- Septotomy & dilation with achalasia balloon
- Removal of gastric band
- Dilation of stenosis & use of hemospray

### 01:15 PM - OPTION B: PLENARY SESSIONS

- Pre-recorded demonstrations

## SECOND DAY

**08:00 AM - BARIATRIC ENDOSCOPY 3 – LIVE CLINICAL CASES**

**12:00 – 01:00 PM – LUNCH**

**01:00 PM – THEORETICAL SESSION**

**BARIATRIC ENDOSCOPY 4 – ENDOSCOPIC TREATMENT OF OBESITY, DIABETES AND WEIGHT REGAIN**

- 01:00 pm - Endoscopic treatment of obesity (overview and perspective)
- 01:15 pm - Aspiration therapy

**BARIATRIC ENDOSCOPY 5 – ENDOSCOPIC TREATMENT OF BARIATRIC SURGERY COMPLICATIONS**

**Chairmen – E. Grecco and J. Campos**

- 01:25 pm - Sleeve gastrectomy: leaks & fistulas:
  - 01:25 pm - *European School*
  - 01:40 pm - *Brazilian School*
- 01:55 pm - Adjustable Gastric Band: Erosion / Migration
- 02:05 pm - Stenosis
- 02:15 pm - Leaks and Fistulas Bypass
- 02:25 pm - Foreign bodies, Bleeding and ulcers
- 02:35 pm - ERCP after gastric-bypass
- 02:45 pm - Stretta post bariatric reflux
- 03:00 pm - Discussion

**03:30 PM - OPTION A - PRACTICE ON THE LABORATORY: ENDOSCOPIC TREATMENT OF OBESITY**

**Trainers - All faculty**

- Ablation of anastomosis with Argon
- Placement and removal of air and liquid balloons
- Placement and removal of spatz balloon
- Apollo Overstitch

**03:30 PM - OPTION B - END OF THE SEMINAR**

**06:00 PM - OPTION A - END OF THE SEMINAR**