December 2

MINIMALLY INVASIVE AND ENDOLUMINAL BARIATRIC AND METABOLIC SURGERY

7:45 am  Registration and welcoming of participants

8:00 am  OPTIONS A, B AND C

Live and pre-recorded operative demonstrations
- Endoluminal procedures
- Endoscopic sleeve gastroplasty, pouch and anastomosis resizing

9:00 am  Theoretical session - lectures
“Endoluminal surgery”
- Endoscopic bariatric anatomy
- Endoscopic treatment of complications of bariatric surgery:
  - Leaks and chronic fistula
  - Stricture
  - Anastomotic ulcer
  - Band migration (stent placement, endoscopic suturing, strictureplasty, OTSC clips, dilatation with TTS and rigiflex balloons, endosponge)
- CBD stones after gastric bypass
- Endoscopic revision surgery for failures of conventional bariatric surgery
- Primary endoscopic bariatric and metabolic procedures:
  - Intragastric balloon
  - OverStitch endoscopic suturing
  - Endoscopic sleeve
  - Endobarrier therapy
  - Duodenal reshaping
  - TOGA, TERIS, POSE

1:00 pm  Lunch at the Institute

1:45 pm  OPTIONS A: Afternoon free

OPTIONS B AND C: Training on ex-vivo models

6:30 pm  End of session
# December 3

**MINIMALLY INVASIVE AND ENDOLUMINAL BARIATRIC AND METABOLIC SURGERY**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:45 am</td>
<td>Evaluation of the previous day</td>
</tr>
<tr>
<td>8:00 am</td>
<td><strong>OPTIONS A, B AND C</strong></td>
</tr>
<tr>
<td></td>
<td>Live and pre-recorded operative demonstrations</td>
</tr>
<tr>
<td></td>
<td>&gt; Sleeve gastrectomy</td>
</tr>
<tr>
<td></td>
<td>&gt; Gastric bypass</td>
</tr>
<tr>
<td></td>
<td>&gt; One anastomosis gastric bypass</td>
</tr>
<tr>
<td></td>
<td>&gt; Redos</td>
</tr>
<tr>
<td>12:30 pm</td>
<td>Lunch at the Institute</td>
</tr>
<tr>
<td>1:30 pm</td>
<td><strong>OPTION A</strong></td>
</tr>
<tr>
<td></td>
<td>Video session</td>
</tr>
<tr>
<td></td>
<td>“Bariatric and metabolic surgical tips and tricks: videos commented by the Faculty”</td>
</tr>
<tr>
<td></td>
<td>&gt; Discussion around short presentations of difficult or particular cases, pitfalls and technical details of bariatric surgery through pre-recorded operative demonstrations</td>
</tr>
<tr>
<td></td>
<td><strong>OPTION B</strong></td>
</tr>
<tr>
<td></td>
<td>Hands-on session on live tissue (mini-pigs)</td>
</tr>
<tr>
<td></td>
<td><strong>OPTION C</strong></td>
</tr>
<tr>
<td></td>
<td>Hands-on session on anatomical specimens</td>
</tr>
<tr>
<td></td>
<td>&gt; Jejunojejunostomy</td>
</tr>
<tr>
<td></td>
<td>&gt; Sleeve gastrectomy</td>
</tr>
<tr>
<td></td>
<td>&gt; BPDDS</td>
</tr>
<tr>
<td></td>
<td>&gt; SADI-S</td>
</tr>
<tr>
<td></td>
<td>&gt; Gastric bypass</td>
</tr>
<tr>
<td>6:00 pm</td>
<td>End of session</td>
</tr>
<tr>
<td>8:00 pm</td>
<td>Dinner in honor of the participants</td>
</tr>
</tbody>
</table>

**COURSE OBJECTIVES**

> To cover a broad spectrum of surgical procedures in bariatric and metabolic procedures
> To provide indications for surgical treatment and discuss operative complications
> To highlight technicalities of surgical interventions through the broadcasting of live procedures
> To allow a real-time discussion between the operators and the trainee surgeons
> To provide hands-on sessions to improve skills in endoluminal and laparoscopic surgery through practice on ex-vivo models and live tissue (mini-pigs) or anatomical specimens under expert tutorial
> To describe postoperative clinical results and practical applications of evidence-based clinical medicine.

**EDUCATIONAL METHODS**

> Interactive theoretical and video sessions between faculty and course participants
> Live and pre-recorded operative demonstrations
> Training on ex-vivo models and live tissue (mini-pigs) or anatomical specimens under expert tutorial

You can either register online for IRCAD courses at [www.ircad.fr](http://www.ircad.fr)

Or scan this QR code to directly register for this course.

This program may be subject to modifications.
December 4

MINIMALLY INVASIVE AND ENDOLUMINAL BARIATRIC AND METABOLIC SURGERY

7:45 am
Evaluation of the previous day

8:00 am
OPTIONS A, B AND C
Theoretical session - lectures
> Selection of patients preoperative work-up
> Patient selection for bariatric surgery
> Current surgical techniques in bariatric surgery
> Particularities in OR set-up for obese patients
> Techniques, Tips ans Tricks (TTT)
> Sleeve gastrectomy
> Gastric bypass
> One anastomosis gastric bypass
> Biliary Pancreatic Diversions (BPD)
> Long-term results (Banding, Bypass, Sleeve...)
> Bariatric and metabolic surgery in adolescents and children
> Quality of life after bariatric surgery
> GERD and bariatric surgery
> Enhanced recovery after bariatric surgery
> Emerging techniques
  > Quality of life after bariatric surgery
  > Intraperoperative
  > Gastric perforations
  > Bleeding
> Specific short-and long-term complications:
  > Banding: pouch dilatation, gastric erosion
  > Sleeve: Leaks, pouch stenosis, pouch dilatation, GERD, pain
  > Bypass and BPD: gastro-gastric fistula, gastrojejunal perforated ulcer, internal herniations
> Innovative technologies
  > Robotics
  > NOTES™ Transvaginal bariatric surgery
  > Single Site and minimal access techniques
  > Endoscopic procedures for type II diabetes
  > Laparoscopic vertical gastric clip
  > Gastric embolization
> What to do in case of failures?
  > Redo strategies in bariatric surgery
  > Redo procedures
  > Endoluminal procedures
> Long-term results (Banding, Bypass, Sleeve...)
> Quality of life after bariatric surgery

1:00 pm
Lunch at the Institute

2:00 pm
OPTIONS A, B AND C
Theoretical session - videos & discussions

“Complications”
> Intra-and perioperative:
  - Gastric perforations
  - Bleeding
> Specific short-and long-term complications:
  - Banding: pouch dilatation, gastric erosion
  - Sleeve: Leaks, pouch stenosis, pouch dilatation, GERD, pain
  - Bypass and BPD: gastro-gastric fistula, gastrojejunal perforated ulcer, internal herniations

“Take home messages”

5:00 pm
End of session
Delivery of certificates of attendance