

ROBOTIC COLORECTAL SURGERY

ADVANCED COURSE



2024

ircad
France

**STRASBOURG
UNIVERSITY**

Date

MAY 28 - 29

Course directors

J. Marescaux (FR, RW)
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A. Melani (BR)
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ROBOTIC COLORECTAL SURGERY

MAY 28

7:45 am ◦ REGISTRATION AND WELCOMING OF THE PARTICIPANTS

8:00 am • **VIDEO SESSION**

ROBOTIC COLONIC SURGERY

- How to smoothly adopt robotic surgery - my experience
- Robotic approach for right colectomy
- Single port right colectomy
- Robotic approach for transverse colectomy
- Robotic TME
- ICG fluorescence - 3D CT image-guided robotic colorectal surgery
- Single port robotic left colectomy

ROBOTIC RECTAL SURGERY

- Robotics for rectal cancer: more than a fantastic toy especially for superobese patients
- Our strategy of robotic intersphincteric resection (ISR)
- Troubleshooting the robotic system
- Simultaneous double robotic transanal-transabdominal TME
- Transanal robotic surgery: will rectal surgery in the future leave no scars?

12:30 pm ◦ LUNCH AT THE INSTITUTE

1:30 pm • **HANDS-ON SESSION ON PELVIC TRAINERS**

- How to set up the machine
- How to control the camera and operative arm
- How to control the fourth arm
- Suturing, clip application
- How to perform an ex vivo bowel anastomosis

2:30 pm • **HANDS-ON SESSION ON VIRTUAL SIMULATORS**

- Basic functioning of the machine
- Camera control, clutching and switching between the arms
- Basic grasping and transfer
- Needle control, suturing and knot-tying
- Clipping, energy and dissection

3:30 pm • **HANDS-ON SESSION ON LIVE TISSUE** (MINI-PIGS)

- Small bowel resection and hand-sewn / mechanical anastomosis
- Ileocecal resection and anastomosis
- Rectosigmoid resection and anastomosis

6:00 pm ◦ END OF SESSION

8:00 pm ◦ DINNER IN HONOR OF THE PARTICIPANTS

ROBOTIC COLORECTAL SURGERY

MAY 29

- 8:15 am ◦ **EVALUATION OF THE PREVIOUS DAY**
- 8:30 am • **HANDS-ON SESSION ON ANATOMICAL SPECIMENS – PART I**
- Right colectomy with intracorporeal anastomosis
 - Left colectomy with splenic flexure mobilization
 - Total Mesorectal Excision - TME
- 1:00 pm ◦ **LUNCH AT THE INSTITUTE**
- 2:00 pm • **HANDS-ON SESSION ON ANATOMICAL SPECIMENS – PART II**
- Right colectomy with intracorporeal anastomosis
 - Left colectomy with splenic flexure mobilization
 - Total Mesorectal Excision - TME
- 6:00 pm ◦ **END OF THE COURSE**
DELIVERY OF CERTIFICATES OF ATTENDANCE

This program may be subject to modifications.