



## ROBOTIC COLORECTAL SURGERY

2025

## PROGRAMME

DATE

COURSE DIRECTOR

**JUNE 10 - 11**  
**OCTOBER 21 - 22**

**J. Marescaux** (FR, RW)

## FACULTY

Jacques <b>MARESCAUX</b>	IRCAD Hôpitaux Universitaires, Strasbourg, France
Paolo <b>BIANCHI</b>	University of Milano, Milano, Italy
Antonio <b>D'URSO</b>	Policlinico Umberto I <sup>er</sup> – University La Sapienza, Roma, Italy
Antonello <b>FORGIONE</b>	IRCAD Hôpitaux Universitaires, Strasbourg, France
Dean <b>KOH</b>	Mount Elizabeth Novena Hospital, National University of Singapore, Singapore
John <b>MARKS</b>	Lankenau Hospital, Pennsylvania, USA
Armando <b>MELANI</b>	Americas Medical City, Rio de Janeiro, Brazil
Anna <b>PALLISERA</b>	Hospital Parc Tauli, Sabadell, Spain
Luis <b>ROMAGNOLO</b>	Hospital de Amor de Barretos, Barretos, Brazil
Barbara <b>SEELIGER</b>	IHU et Nouvel Hôpital Civil, Strasbourg, France
Anna <b>SERRACANT</b>	Hospital Parc Tauli, Sabadell, Spain
Giuseppe <b>SPINOGLIO</b>	Private Practice, Pietra Marazzi, Italy
Michel <b>VIX</b>	Nouvel Hôpital Civil, Strasbourg, France

*Each IRCAD faculty member confirms that any conflict of interest they may declare has no bearing on any scientific activity during the courses: all course content is fair, balanced, and free of commercial bias.*

## COURSE OBJECTIVES

- To cover a broad spectrum of surgical procedures in robotic colorectal surgery;
- To provide indications for robotic surgical treatments and discuss operative complications;
- To highlight technical aspects of robotic surgical interventions through the broadcasting of live procedures;
- To allow real-time discussion between operators and trainee surgeons;
- To provide hands-on sessions to improve skills in robotic surgery through practice under expert tutorial.

## COURSE ENDORSEMENT AND ACCREDITATION



# DAY 1 - 2025

07.45 am *Registration*  
08.00 am *Welcome & Introduction*

*J. Marescaux*

## THEORETICAL SESSION

*Chairmen: G. Spinoglio - D. Koh - A. Melani*

### 08.15 am **ROBOTIC COLONIC SURGERY**

- How to smoothly adopt robotic surgery - My experience *D. Koh - 10'*
- Robotic approach for right colectomy *G. Spinoglio - 10'*
- Single port right colectomy *J. Marks - 10'*
- Robotic approach for transverse colectomy *A. Melani - 10'*
- Robotic Left Colectomy and TME *G. Spinoglio - 20'*
- Single port robotic left colectomy *J. Marks - 10'*
- ICG Fluorescence - 3D CT image-guided robotic colorectal surgery *A. Melani - 10'*
- Our strategy of robotic intersphincteric resection (ISR) *G. Spinoglio - 10'*
- Trouble-shooting the robotic system *D. Koh - 10'*
- Q & A - 5' discussion after each presentation *All faculty members & Participants*

11.00 am **15' COFFEE BREAK**

### 11.15 am **ROBOTIC SURGERY NEWS AND PERSPECTIVES**

- Preliminary experience with robotic-assisted surgery system *P. Bianchi-10'*
- Transanal robotic surgery with robotic surgical system: is the future of rectal surgery no scar? *J. Marks - 10'*
- Simultaneous double robotic transanal-transabdominal TME *A. Melani - 10'*
- New Robotics Platforms *B. Seeliger - 10'*
- Q & A - 5' discussion after each presentation *All Faculty members & Participants*

12.45 pm **LUNCH**

# DAY 1- 2025

## HANDS-ON SESSION

*Chairman: G. Spinoglio*

*Faculty: P. Bianchi - A. D'Urso - A. Forgione - D. Koh - A. Pallisera - M. Vix - A. Melani - A. Serracant - L. Romagnolo - G. Spinoglio*

**01.15 pm**    **15' PRE-LAB SESSION – Introduction to robotic platform and training robots**    *A. Forgione*

### **01.30 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 applying
- How to perform an ex-vivo bowel anastomosis

### **02.00 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

**03.15 pm**    **15' COFFEE BREAK**

### **03.30 pm**    **HANDS-ON SESSION ON LIVE TISSUE**

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

**06.00 pm**    **END OF THE SESSION**

**08.00 pm**    **FACULTY & PARTICIPANTS' DINNER**

# DAY 2 - 2025

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08.00 am      Welcome

## HANDS-ON SESSION

**Chairman:**      *G. Spinoglio*

**Faculty:**      *P. Bianchi - A. D'Urso - A. Forgione - D. Koh - A. Pallisera - M. Vix - A. Melani -  
A. Serracant - L. Romagnolo - G. Spinoglio*

08.15 pm      15' PRE-LAB SESSION - Procedures' descriptions      *A. Forgione*

## 08.30 am      HANDS-ON SESSION ON ANATOMICAL SPECIMENS - Part I

- Right colectomy with intracorporeal anastomosis
- Left colectomy with splenic flexure mobilization
- Total Mesorectal Excision - TME

01.00 pm      LUNCH

## 02.00 pm      HANDS-ON SESSION ON ANATOMICAL SPECIMENS - Part II

- Right colectomy with intracorporeal anastomosis
- Left colectomy with splenic flexure mobilization
- Total Mesorectal Excision - TME

06.00 pm      *END OF THE COURSE - Delivery of certificate of attendance*

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