



ROBOTIC COLORECTAL SURGERY

2025

PROGRAMME

DATE

COURSE DIRECTOR

JUNE 10 - 11
OCTOBER 21 - 22

J. Marescaux (FR, RW)

FACULTY

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

- Hugo robotic system: preliminary experience with MedTronic robot *P. Bianchi-10'*
- Transanal robotic surgery using Da Vinci SP: 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

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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