

# COLORECTAL SURGERY INTENSIVE COURSE

WITH OPTIONAL UNIVERSITY DIPLOMA

FEBRUARY 12 - 16



2024

**ircad**  
France

STRASBOURG  
UNIVERSITY

Course director

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

## FACULTY

Antonello <b>FORGIONE</b>	IRCAD Hôpitaux Universitaires, Strasbourg, France
Jacques <b>MARESCAUX</b>	IRCAD Hôpitaux Universitaires, Strasbourg, France
Salvador <b>MORALES-CONDE</b> (videoconference)	Hospital Universitario Virgen del Rocio, Sevilla, Spain
Francesco <b>CORCIONE</b> (videoconference)	Clinica Mediterranea - Ospedale e Centro Diagnostico, Naples, Italy
Armando <b>MELANI</b>	Americas Medical City, Rio de Janeiro, Brazil
Piercarlo <b>MEINERO</b>	Ospedale di Lavagna, Genova, Italy
Didier <b>MUTTER</b>	Nouvel Hôpital Civil, Strasbourg, France
Antonino <b>SPINELLI</b> (videoconference)	Humanitas Hospital Rozzano, Milan, Italy
Gabriele <b>NALDINI</b>	Ospedale S. Chiara, Pisa, Italy
Gyu-seog <b>CHOI</b> (videoconference)	Kyungpook National University School of Medicine, Daegu, South Korea
Giuseppe <b>SPINOGLIO</b>	Private Practice, Pietra Marazzi, Italy
Xavier <b>SERRA ARACIL</b>	Hospital Parc Tauli, Sabadell, Spain
Guido <b>COSTAMAGNA</b>	PoliClinico "A. Gemelli", Rome, Italy
Patricia <b>SYLLA</b> (videoconference)	The Mount Sinai Hospital, New York, USA
Dean <b>KOH</b> (videoconference)	Mount Elizabeth Novena Hospital, Singapore National University of Singapore, Singapore
Paolo <b>BIANCHI</b>	European Institute of Oncology, Milano, Italy
Luc <b>SOLER</b>	IRCAD Hôpitaux Universitaires, Strasbourg, France
Luis <b>ROMAGNOLO</b> (videoconference)	Hospital de Amor de Barretos, Barretos, Brazil
Barbara <b>SEELIGER</b>	IHU et Nouvel Hôpital Civil, Strasbourg, France
Silvana <b>PERRETTA</b>	Nouvel Hôpital Civil, Strasbourg, France
Antonio <b>D'URSO</b>	Policlinico Umberto Ier - University La Sapienza, Rome, Italy
Philippe <b>CHASSERANT</b>	Centre Hospitalier d'Albertville, Albertville, France
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.*

## INSTRUCTORS IN THE LAB

Aleidis <b>CARO</b>	Hospital Universitari Joan XXIII, Tarragona, Spain
Albert <b>GARCIA NALDA</b>	Hospital Parc Tauli, Sabadell, Spain
Michele <b>CHIAPPETTA</b>	Universita Catolica Del Sacro Cuore, Roma, Italy
Cristina <b>CIUFFINI</b>	Policlinico A. Gemelli, Roma, Italy
Luigi Giovanni <b>PAPPARELLA</b>	Policlinico A. Gemelli, Roma, Italy
Domenico <b>LO CONTE</b>	San Carlo Borromeo Azienda Ospedaliera, Milan, Italy
Alfonso <b>LAPERGOLA</b>	Nouvel Hôpital Civil, Strasbourg, France
Elisa <b>REITANO</b>	Nouvel Hôpital Civil, Strasbourg, France
Kohei <b>MISHIMA</b>	IRCAD Hôpitaux Universitaires, Strasbourg, France
Tiphaine <b>LAYER</b>	Nouvel Hôpital Civil, Strasbourg, France
Aurélien <b>GROLLEMUND</b>	Nouvel Hôpital Civil, Strasbourg, France
Arne <b>KOCK</b>	Nouvel Hôpital Civil, Strasbourg, France

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## COURSE OBJECTIVES

- To cover a broad spectrum of surgical procedures in laparoscopic, transanal, flexible endoscopy and robotic colorectal surgery;
- To highlight technical aspects of surgical interventions through the broadcasting of live procedures;
- To provide proper indications for surgical and non-surgical treatments of malignant colorectal disease;
- To discuss how to prevent and manage intraoperative and postoperative complications;
- To allow real-time discussion between operators and trainee surgeons;
- To provide hands-on sessions to improve skills in laparoscopic, transanal, flexible endoscopy and robotic colorectal surgery through practice under expert tutorial.

## COURSE ENDORSEMENT AND ACCREDITATION



This course is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS). EACCME credits are also recognized by the American Medical Association towards the Physician's Recognition Award (PRA).



AMERICAN COLLEGE OF SURGEONS • DIVISION OF EDUCATION  
**ACCREDITED EDUCATION INSTITUTES**  
 ENHANCING PATIENT SAFETY THROUGH SIMULATION  
 ACCREDITED EDUCATION INSTITUTE

## DIPLOMA IRCAD – UNIVERSITY OF STRASBOURG

*The exam consists in the evaluation of the practice on Live Tissue of Monday, Tuesday, Wednesday and Thursday afternoon and a proficiency test (25 Multiple choice questions) on Friday morning from 8:00am to 9:00am.*

*Please note that all question items for the University Diploma Exam are available in French and English. However, the Diploma itself is written in French by the Faculty of Medicine and no translation can be assured by the IRCAD.*

### Optional Diploma Registration Fees



- Fees: 430,00 Euros
- The diploma fees will have to be paid at IRCAD by cash, if possible with exact change. No payment will be accepted by credit card.

**Registration on Monday and Tuesday during the first coffee break at the reception desk.**

*For successful candidates, the diploma will be delivered on Friday afternoon at the end of the course at 6:30pm.*

# Monday, February 12 - 2024

## MORNING

07.45 am Registration  
08.00 am Welcome & Introduction of faculty members

*J. Marescaux*

### ADVANCED LAPAROSCOPY FOR COLORECTAL CANCER

**Chairmen:** *A. Forgione - A. Melani*

#### 08.00 am INTRODUCTION

#### 08.15 am LIVE & PRERECORDED OPERATIVE DEMONSTRATIONS

from Expert International Centre

- Laparoscopic sigmoidectomy for diverticulitis - LIVE
- Laparoscopic right hemicolectomy - ZOOM
- Laparoscopic anterior rectal resection
- Technical tips for avoiding protective ileostomies after rectal resection - ZOOM

*F. Corcione*  
*S. Morales-Conde*  
*A. Melani*  
*S. Morales-Conde*

11.15 am 15' COFFEE BREAK - Registration for University Diploma at reception desk

#### 11.30 am THEORETICAL SESSION

- Laparoscopic right colectomy with CME and central lymphadenectomy: should we prefer going bottom to up?

*A. Forgione*

**Debate & open discussion with the Experts after each presentation**

12:45 pm LUNCH

# Monday, February 12 - 2024

## AFTERNOON

### ADVANCED LAPAROSCOPY FOR COLORECTAL CANCER

**Chairmen**     *A. Forgione - A. Melani*

**Instructors**     *A . Forgione - A. Melani - M. Vix - D. Lo Conte - A. D'Urso - E. Reitano -  
A. Lapergola - K. Mishima - T. Layer - A. Kock - K. Mishima - A. Grollemund*

**01:30 pm**     **HANDS-ON SESSION ON LIVE TISSUE**

**PRE-LAB SESSION - Description of procedures - 30' Auditorium 2**

*A. Forgione*

#### Training procedures

- Laparoscopic right colectomy
- Laparoscopic left colectomy
- Laparoscopic ileocolic anastomosis
- Laparoscopic end-to-end anastomosis
- Laparoscopic hand-sewn side-to-side bowel anastomosis

**04.00pm**

**15' COFFEE BREAK**

**06.30 pm**

**END OF SESSION**

Evening Free

# Tuesday, February 13 - 2024

## MORNING

07.45 am Evaluation of the previous day

### ADVANCED LAPAROSCOPY FOR BENIGN, FUNCTIONAL & PROCTOLOGICAL DISEASES

**Chairmen:** *A. Forgione - P. Meinero*

#### 08.00 am LIVE & PRERECORDED OPERATIVE DEMONSTRATIONS from Expert International Centre

##### Advanced minimal-invasive video-assisted procedure for proctological diseases

- Endoscopic Pilonidal Sinus Treatment (EPSiT) *P. Meinero*
- Video-Assisted Anal Fistula Treatment (VAAFT) *P. Meinero*

##### Advanced laparoscopic surgery for benign colorectal disease and pelvic floor disorders

- Robotic ventral rectopexy and its variants for the correction of rectal and multicompartamental prolapses *G. Naldini*
- Total colectomy by minimal invasive surgery for colonic IBD - LIVE *A. Spinelli*

11.00 am 15' COFFEE BREAK - Registration for University Diploma at reception desk

#### 11.15 am THEORETICAL SESSION

##### Advanced laparoscopic surgery for benign colorectal disease and pelvic floor disorders

- State of the art of MIS in the treatment of chronic inflammatory diseases of the colon *A. Spinelli - 15'*
- Treatment of Pelvic Organ Prolapse: my flowchart *G. Naldini - 10'*

##### Advanced minimal-invasive video-assisted procedure for proctological diseases

- Endoscopic Pilonidal Sinus Treatment (EPSiT) *P. Meinero - 10'*
- Video-Assisted Anal Fistula Treatment (VAAFT) *P. Meinero - 10'*
- Future perspectives regarding anal fistula treatment *P. Meinero - 15'*

**Debate & open discussion with the Experts after each presentation**

12.45 pm LUNCH

# Tuesday, February 13 - 2024

## AFTERNOON

### ADVANCED LAPAROSCOPY FOR BENIGN, FUNCTIONAL & PROCTOLOGICAL DISEASES

**Chairmen**     *A. Forgione - P. Meinero*

**Instructors**     *A. Forgione - P. Meinero - G. Naldini - A. Melani - M. Vix - D. Lo Conte - A. D'Urso  
E. Reitano - A. Lapergola - T. Layer - K. Mishima - A. Grollemund*

**01.30 pm**     **HANDS-ON SESSION ON LIVE TISSUE**

**PRE-LAB SESSION - Description of procedures - 30' Auditorium 2**

*A. Forgione  
P. Meinero*

#### Training procedures

- Laparoscopic right colectomy
- Laparoscopic left colectomy
- Laparoscopic ileocolic anastomosis
- Laparoscopic end-to-end anastomosis
- Laparoscopic hand-sewn side-to-side bowel anastomosis
- VAAFT
- EPSiT

**04.00 pm**     **15' COFFEE BREAK**

**06.30 pm**     **END OF SESSION**  
Evening Free



# Wednesday, February 14 - 2024

## MORNING

07.45 am Evaluation of the previous day

### TRANSANAL & ROBOTIC COLORECTAL SURGERY

**Chairmen:** *A. Forgione - X. Serra Aracil - G. Spinoglio*

#### 08.00 am LIVE & PRERECORDED OPERATIVE DEMONSTRATIONS

##### Transanal endoscopic surgery

- TaTME for low rectal cancer

*X. Serra Aracil*

##### Robotic techniques for right, left & rectal resection

- Robotic TME using the Da Vinci robot
- Da Vinci single port suprapubic right hemicolectomy - ZOOM
- Robotic right colectomy using the Hugo robot - LIVE

*G. Spinoglio*

*G. Choi*

*P. Bianchi*

11.00 am 15' COFFEE BREAK

#### 11.15 am THEORETICAL SESSION

##### Transanal endoscopic surgery

- Historical roots, evolution and future perspective of transanal endoscopic surgery
- Transanal surgery to the rescue: when approach matters - ZOOM

*X. Serra Aracil - 10'*

*P. Sylla - 10'*

##### Robotic techniques for right, left & rectal resection

- How to smoothly adopt robotic surgery in your practice - ZOOM
- Robotic right colectomy: state-of-the-art
- Robotic TME: results of my experience - ZOOM
- Troubleshooting the robotic system – Tips from my experience - ZOOM
- Robotic colorectal surgery using different robotic platforms - ZOOM

*D. Koh - 10'*

*G. Spinoglio - 10'*

*G. Choi - 10'*

*D. Koh - 10'*

*P. Bianchi - 15'*

**Debate & open discussion with the Experts after each presentation**

12.45 pm LUNCH

# Wednesday, February 14 - 2024

## AFTERNOON

### TRANSANAL & ROBOTIC COLORECTAL SURGERY

**Chairmen** *A. Forgione - X. Serra Aracil - G. Spinoglio*

**Instructors** *A. Forgione - X. Serra Aracil - A. Caro - A. Garcia Nalda - M. Vix - D. Lo Conte - A. D'Urso - E. Reitano - A. Lapergola*

#### 01.30 pm HANDS-ON SESSION

**PRE-LAB SESSION - Description of procedures - 30' Auditorium 2**

*A. Forgione  
X. Serra Aracil*

#### Training procedures

##### 1. Robotic approach (virtual simulators & pelvic trainers)

- Overview, set-up and hands-on testing the robotic system
  - Robot set-up
  - Robotic console basics
  - Virtual simulators manipulation

##### 2. Transanal approach (live tissue)

- Training on pelvic trainers for transanal surgery
- Training on live tissue for transanal proctectomy

##### 3. Laparoscopic approach (live tissue)

- Laparoscopic right colectomy
- Laparoscopic left colectomy
- Laparoscopic ileocolic anastomosis

**04.00 pm** | **15' COFFEE BREAK**

**06.30 pm** | **END OF SESSION**

**08.00 pm** | **EXPERTS & PARTICIPANTS' DINNER**

# Thursday, February 15 - 2024

## MORNING

07.45 am Evaluation of the previous day

### ADVANCED FLEXIBLE OPERATIVE ENDOSCOPY AND COMBINED ENDOLAPAROSCOPIC TECHNIQUES

**Chairmen:** *A. Forgione - G. Costamagna - X. Serra Aracil*

#### 08.00 am PRERECORDED OPERATIVE DEMONSTRATIONS

from Expert International Centre

- Transanal Endoscopic Microsurgery (TEM) for large rectal lesions *X. Serra Aracil*
- Flexible endoscopic operative ESD procedures for right and left colonic lesions *G. Costamagna*
- Combined endoscopic laparoscopic resections of early colorectal tumors *X. Serra Aracil*

11.00 am 15' COFFEE BREAK

#### 11.15 am THEORETICAL SESSION

##### Rectum

- Flexible endoscopic operative techniques for advanced ESD *G. Costamagna - 10'*
- Transanal Endoscopic Microsurgery (TEM) vs. ESD: which is the best option for very large rectal tumors? *X. Serra Aracil - 10'*
- Open discussion and voting *All Experts & Participants*

##### Colon

- Tips, tricks and technologies to deal with large colonic lesions in different colonic locations *G. Costamagna - 10'*
- Combined endo-laparoscopic techniques *X. Serra Aracil - 10'*
- Open discussion and voting *All Experts & Participants*

**Debate & open discussion with the Experts after each presentation**

12.30-12.35 pm GROUP PICTURE

12.45 pm LUNCH

# Thursday, February 15 - 2024

## AFTERNOON

### ADVANCED FLEXIBLE OPERATIVE ENDOSCOPY AND COMBINED ENDOLAPAROSCOPIC TECHNIQUES

**Chairmen** *A. Forgione - G. Costamagna*

**Instructors** *A. Forgione - G. Costamagna - M. Chiappetta - C. Ciuffini - L. Papparella - M. Vix  
A. D'Urso - E. Reitano - A. Garcia Nalda - X. Serra Aracil*

**01.30 pm** **HANDS-ON SESSION ON LIVE TISSUE**

**PRE-LAB SESSION - Description of procedures - 30' Auditorium 2**

*A. Forgione  
G. Costamagna*

#### Training procedures

#### 1. Robotic approach (virtual simulators & pelvic trainers)

- Overview, set-up and hands-on testing the robotic system
  - Robot set-up
  - Robotic console basics
  - Virtual simulators manipulation

#### 2. Flexible operative endoscopy (plastic models, ex-vivo organs, live tissue)

- Basic training with flexible endoscopes
- Endoscopic applications of clips, Endoloops
- Endoscopic polypectomy, EMR, ESD

#### 3. Laparoscopic approach (live tissue)

- Laparoscopic right colectomy
- Laparoscopic left colectomy
- Laparoscopic ileocolic anastomosis

**04.00 pm**

**15' COFFEE BREAK**

### PROFICIENCY TEST

(only for surgeons who applied for the University Diploma)

- University Diploma validating procedure:  
Small bowel and colonic resection / anastomoses

**06.30 pm**

**END OF SESSION**  
Evening Free

# Friday, February 16 - 2024

## MORNING

07.45 am Evaluation of the previous day

**08.00 am UNIVERSITY DIPLOMA PROFICIENCY TEST**  
(only for surgeons who applied for the University Diploma)

*D. Mutter*  
*A. Forgiione*

- Multiple choice questionnaire for the University Diploma (Duration: 1 hour)

09.00 am 5' BREAK

## MULTIMODAL TREATMENTS, NEW TECHNOLOGIES

*Chairmen: A. D'Urso - A. Melani - X. Serra Arcil*

**09.05 am THEORETICAL SESSION**

### Modern multimodal treatment of colorectal cancer

- Transanal vs. laparoscopic total mesorectal excision for mid and low rectal cancer *X. Serra Arcil - 10'*
- Lateral nodes dissection in rectal cancer: why not! *G. Choi - 10'*
- Short-term outcomes of chemoradiotherapy and local excision vs total mesorectal excision in T2-T3ab, N0, M0 rectal cancer. A multicentre randomised, controlled, phase III trial (the TAUTEM study) *X. Serra Arcil - 10'*
- How to properly start a "watch and wait" program in your practice for non-immediate operative management of low rectal cancer *A. Forgiione - 10'*

09.50-10.05 am 15' COFFEE BREAK

### New technologies

- 3D virtual reconstruction for preoperative planning in colorectal surgery: safer and more effective? *L. Soler - 10'*
- Augmented reality for intraoperative guidance in colorectal surgery: where are we? *L. Romagnolo - 10'*
- ICG in colorectal surgery: perfusion, lymphadenectomy and ureter identification *S. Morales Conde - 10'*
- New surgical robots on the horizon *B. Seeliger - 10'*
- Alternatives to oostomy to protect very low colorectal anastomosis *A. D'Urso - 10'*
- Digital apps to improve outcomes in colorectal surgery *A. Forgiione - 10'*

### Evolution of ERAS concept

- From ERAS program to outpatient procedure and home-connected follow-up: a 5-year experience *P. Chasserant - 10'*

12.05 pm **CLOSING LECTURE: My evolving experience with surgical robots**

*A. Melani - 10'*

01.20 pm LUNCH

# Friday, February 16 - 2024

## AFTERNOON

### MULTIMODAL TREATMENTS, NEW TECHNOLOGIES

*Chairmen: A. Forgione - A. Melani*

#### 02.05 pm THEORETICAL SESSION: INTERACTIVE DISCUSSION

*Faculty: P. Chasserant - X. Serra Aracil - A. D'Urso*

Interactive discussion with experts around interesting cases

- Rectum
- Colon
- Endometriosis
- Diverticular disease
- Emergency surgery
- Colonic occlusion

05.45 pm CLOSING REMARKS & FAREWELL

*A. Forgione - 10'*

06.00 pm END OF COURSE  
DELIVERY OF CERTIFICATES OF ATTENDANCE AND DIPLOMAS TO SUCCESSFUL CANDIDATES

# NOTE PAD

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