

# COLORECTAL SURGERY

5-DAY INTENSIVE COURSES WITH OPTIONAL UNIVERSITY DIPLOMA



2024

**ircad**  
France

STRASBOURG  
UNIVERSITY

Dates

FEBRUARY 12 - 16  
NOVEMBER 4 - 8

Course directors

J. Marescaux (FR, RW)  
A. Forgione (IT)  
A. Melani (BR)  
X. Serra Aracil (SP)  
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**ADVANCED LAPAROSCOPY  
FOR COLORECTAL CANCER**

MONDAY

7:45 am ○ **REGISTRATION AND  
WELCOMING OF THE PARTICIPANTS**

8:00 am • **INTRODUCTION**  
• Basics for a safe and effective  
laparoscopic colorectal program

8:30 am • **LIVE AND PRE-RECORDED  
OPERATIVE DEMONSTRATIONS**  
• Laparoscopic right hemicolectomy  
• Laparoscopic sigmoidectomy for diverticulitis  
• Laparoscopic anterior rectal resection

11:30 am • **THEORETICAL SESSION**  
• Technical tips and tricks for colonic  
and rectal resection

12:45 pm ○ **LUNCH AT THE INSTITUTE**

1:30 pm • **HANDS-ON SESSION ON  
LIVE TISSUE (MINI-PIGS)**  
• Laparoscopic manual and  
mechanical anastomosis  
• Laparoscopic colonic resection

6:30 pm ○ **END OF SESSION  
EVENING FREE**

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

TUESDAY

7:45 am ○ **EVALUATION OF THE  
PREVIOUS DAY**

8:00 am • **LIVE AND PRE-RECORDED  
OPERATIVE DEMONSTRATIONS**  
• Laparoscopic resections for benign  
colorectal diseases and pelvic floor disorders  
• Video-assisted treatments of anal fistulas  
and pilonidal cyst

11:15 am • **THEORETICAL SESSION**  
**ADVANCED LAPAROSCOPIC SURGERY  
FOR BENIGN DISEASE**  
• Laparoscopic surgery for benign  
colorectal disease: state-of-the-art

**ADVANCED MINIMALLY INVASIVE  
VIDEO-ASSISTED PROCEDURE  
FOR PROCTOLOGICAL AND PELVIC  
FLOOR DISEASES**  
• Modern treatment of anal fistulas,  
pilonidal cyst, pelvic floor disorders

12:45 pm ○ **LUNCH AT THE INSTITUTE**

1:30 pm • **HANDS-ON SESSION ON  
LIVE TISSUE (MINI-PIGS)**  
• Laparoscopic right colectomy  
• Laparoscopic left colectomy  
• Laparoscopic ileocolic anastomosis  
• Laparoscopic end-to-end anastomosis  
• Laparoscopic hand-sewn side-to-side  
bowel anastomosis  
• VAAFT  
• EPSiT

6:30 pm ○ **END OF SESSION  
EVENING FREE**

## TRANSANAL & ROBOTIC COLORECTAL SURGERY

WEDNESDAY

- 7:45 am ○ EVALUATION OF THE PREVIOUS DAY
- 8:00 am ● **LIVE AND PRE-RECORDED OPERATIVE DEMONSTRATIONS**
- TaTME for low rectal cancer
  - Multiport and single port robotic colonic resection
  - Transanal Endoscopic Microsurgery (TEM) for early rectal lesions
- 11:15 am ● **THEORETICAL SESSION**  
TRANSANAL ENDOSCOPIC SURGERY
- Technology and techniques for transanal endoscopic surgery
- ROBOTIC TECHNIQUES FOR RIGHT, LEFT AND RECTAL RESECTION**
- How to start robotic surgery in your practice
  - Benefit of robotic technology in colonic and rectal surgery
- 12:45 pm ○ LUNCH AT THE INSTITUTE
- 1:30 pm ● **HANDS-ON SESSION ON VIRTUAL SIMULATORS, PELVIC TRAINERS & LIVE TISSUE (MINI-PIGS)**  
ROBOTIC APPROACH
- Overview, set-up and hands-on testing of the robotic system
    - Robot set-up
    - Robotic console basics
    - Virtual simulators manipulation
- TRANSANAL APPROACH**
- Pelvic trainers for transanal surgery
  - Live tissue for transanal proctectomy
- LAPAROSCOPIC APPROACH**
- Laparoscopic right colectomy, left colectomy, ileocolic anastomosis
- 6:30 pm ○ END OF SESSION
- 8:00 pm ○ DINNER IN HONOR OF THE PARTICIPANTS

## LOCOREGIONAL TREATMENTS FOR COLORECTAL NEOPLASTIC LESIONS

THURSDAY

- 7:45 am ○ EVALUATION OF THE PREVIOUS DAY
- 8:00 am ● **LIVE AND PRE-RECORDED OPERATIVE DEMONSTRATIONS**
- Transanal Endoscopic Microsurgery (TEMS) for large rectal lesions
  - ESD procedures for right and left colonic lesions
  - Combined endoscopic laparoscopic resection: several techniques
- 11:15 am ● **THEORETICAL SESSION**
- Flexible and rigid platform for ESD and/or full thickness rectal and colonic resections
- 12:45 pm ○ LUNCH AT THE INSTITUTE
- 1:30 pm ● **HANDS-ON SESSION ON VIRTUAL SIMULATORS, PLASTIC MODELS, EX-VIVO ORGANS & LIVE TISSUE (MINI-PIGS)**  
ROBOTIC APPROACH
- Overview, set-up and hands-on testing of the robotic system
    - Robot set-up
    - Robotic console basics
    - Virtual simulators manipulation
- FLEXIBLE OPERATIVE ENDOSCOPY**
- Basic training with flexible endoscopes
  - Endoscopic applications of clips, Endoloop™
  - Endoscopic polypectomy, EMR, ESD
- LAPAROSCOPIC APPROACH**
- Laparoscopic right colectomy, left colectomy, ileocolic anastomosis
- 6:30 pm ○ END OF SESSION  
EVENING FREE

- 7:45 am ○ **EVALUATION OF THE PREVIOUS DAY**
- 8:00 am ● **UNIVERSITY DIPLOMA PROFICIENCY TEST**  
*For candidates enrolled for the University Diploma:  
Multiple choice questionnaire*
- 9:05 am ● **THEORETICAL SESSION**  
**MODERN MULTIMODAL TREATMENT OF COLORECTAL CANCER**
- Watch and wait
  - Total neoadjuvant chemoradiotherapy
  - TEM combined with neoadjuvant treatment
- NEW TECHNOLOGIES**
- Augmented imaging
  - New robotic platforms
  - Surgical optical imaging
  - From ERAS to ambulatory colectomy
- EVOLUTION OF ERAS CONCEPT**
- From ERAS program to outpatient procedure and home-connected follow-up: a 5-year experience
- CLOSING LECTURE**
- Dedicated training and specialization for colorectal surgeons
- 1:15 pm ○ **LUNCH AT THE INSTITUTE**
- 2:00 pm ● **THEORETICAL SESSION: INTERACTIVE DISCUSSION**  
**INTERACTIVE DISCUSSION WITH EXPERTS AROUND INTERESTING CASES**
- 6:00 pm ○ **CLOSING REMARKS**
- 6:30 pm ○ **END OF THE COURSE**  
**DELIVERY OF CERTIFICATES OF ATTENDANCE AND DIPLOMAS TO  
SUCCESSFUL CANDIDATES**

### UNIVERSITY DIPLOMA



Evaluation through theoretical exams and practical tests at the end of the Intensive course session leads to the delivery of a “University Diploma in Colorectal Surgery” awarded by the University of Strasbourg. The diploma fees (around 430 Euros) are to be paid on the spot by check made payable to “University of Strasbourg” or in cash. No payment by credit card will be accepted.