

**7:45 am** – REGISTRATION AND  
WELCOMING OF  
PARTICIPANTS

**8:00 am** – **THEORETICAL SESSION**

- The basics to start and develop a safe and effective laparoscopic colorectal program
- How to perform a laparoscopic right colectomy
  - Medial to lateral
  - Down to up
  - Up to down
- How to perform a laparoscopic transverse colectomy?
- Which is the best procedure for tumors of the splenic flexure?
- How to perform a laparoscopic left colectomy?
- How to perform a laparoscopic TME?

**10:30 am** – **LIVE AND PRE-RECORDED  
OPERATIVE  
DEMONSTRATIONS**

**12:30 pm** – LUNCH AT THE INSTITUTE

**1:15 pm** – **HANDS-ON SESSION ON  
LIVE TISSUE (MINI-PIG)**

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

**7:00 pm** – END OF SESSION  
EVENING FREE

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

**8:00 am** – **THEORETICAL SESSION**

Advanced laparoscopic surgery  
for benign disease

- Inflammatory diseases / Ulcerative Colitis - Crohn's disease
- Diverticular disease in emergency and elective conditions
- Functional disorders - severe constipation
- Pelvic prolapse - Pelvic Organ Prolapse Suspension (POPS)

Advanced endoscopic procedure  
for proctological disease

- Endoscopic Pilonidal Sinus Treatment (EPSiT)
- Video-Assisted Anal Fistula Treatment (VAAFT)
- How to treat a symptomatic complex rectocele?
- Total rectal prolapse: transanal or transabdominal approach?

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LIVE TISSUE (MINI-PIG)**

- Laparoscopic right colectomy
- Laparoscopic left colectomy
- Laparoscopic ileocolic anastomosis
- Laparoscopic end-to-end anastomosis
- Laparoscopic mesh positioning for pelvic prolapse
- VAAFT
- EPSiT

**7:00 pm** – END OF SESSION  
EVENING FREE

7:45 am – EVALUATION OF THE PREVIOUS DAY

### 8:00 am – THEORETICAL SESSION

#### Transanal surgery

- Transanal endoscopic microsurgery: current overview
- Essential surgical anatomy for TME
- TaTME: How to start and progress towards more advanced cases

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

- How to seamlessly integrate surgery in your practice
- Robotic suprapubic right colectomy: set-up, tips and tricks
- Robotic left colectomy
- Robotic TME

10:30 am – LIVE AND PRE-RECORDED OPERATIVE DEMONSTRATIONS

12:30 pm – LUNCH AT THE INSTITUTE

### 1:15 pm – HANDS-ON SESSION

#### 1. Robotic approach\*

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

#### 2. Transanal approach: hands-on session on live tissue (mini-pig)

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

7:00 pm – END OF SESSION EVENING FREE

7:45 am – EVALUATION OF THE PREVIOUS DAY

### 8:00 am – THEORETICAL SESSION

#### Basic and advanced flexible operative endoscopy

- How to implement flexible operative endoscopy in your practice
- Combined laparoscopic and flexible operative endoscopic treatments
- The changing role of flexible operative endoscopy to treat early colorectal tumors
- New flexible endoscopic platform on the horizon

10:30 am – LIVE AND PRE-RECORDED OPERATIVE DEMONSTRATIONS

12:30 pm – LUNCH AT THE INSTITUTE

### 1:15 pm – HANDS-ON SESSION

*University Diploma: practical evaluation (enrolled candidates)*

#### 1. Robotic approach\*

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

#### 2. Flexible operative endoscopy: hands-on session on live tissue (mini-pig)

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

7:00 pm – END OF SESSION

8:00 pm – DINNER IN HONOR OF PARTICIPANTS

\*Hands-on session on virtual simulators and pelvic trainers

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*

9:00 am – **THEORETICAL SESSION**

**Modern multimodal treatment of colorectal cancer**

- Lateral nodes dissection in rectal cancer: are we finally merging East and West?
- Organ preservation in rectal cancer: evolving concepts and clinical evidence
- How to properly start a “watch and wait” program in your practice
- Neoadjuvant chemoradiotherapy + TME vs. WnW in rectal cancer: state-of-the-art
- Current strategy in synchronous rectal and metastatic liver cancer
- Personalized multimodal treatment of rectal cancer: where are we going?

**New technologies**

- Virtual and augmented reality in colorectal surgery: safer and more effective?
- Surgical optical imaging in colorectal surgery: evolving technology and concepts
- Digital apps and artificial intelligence to improve outcomes in colorectal surgery

**Evolution of ERAS concept**

- From ERAS program to outpatient procedure and home-connected follow-up: 5 years' experience

12:30 pm – LUNCH AT THE INSTITUTE

1:15 pm – **THEORETICAL SESSION**

*Interactive discussion with experts on interesting cases*

**How to prevent and manage intraoperative and postoperative complications**

6:30 pm – END OF 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.

Université  
de Strasbourg