

SUPERMASTER COURSES

COURSE OBJECTIVES

The course will be focused on the treatment of colorectal cancer patients with the following objectives:

- To improve surgical and oncological outcomes in colorectal surgery
- To learn about modern technologies for preoperative diagnosis and planning
- To learn about new technologies for intraoperative navigation and manipulation
- To improve multimodal colorectal cancer treatment
- To undertake hands-on practice on pelvic trainer, live tissue (mini-pigs) and anatomical specimens in the experimental lab

EDUCATIONAL METHODS

- Interactive theoretical and video sessions between Faculty and course participants
- Live and pre-recorded operative demonstrations
- Practical training on pelvic trainer, live tissue (mini-pigs) and anatomical specimens

LAPAROSCOPIC AND TRANSANAL COLORECTAL SURGERY

THURSDAY

MAY 23 / NOVEMBER 14

7-45 AM

Registration and welcoming of participants

8-00 AM

For **OPTION A, B and C**

LIVE OR PRE-RECORDED OPERATIVE DEMONSTRATIONS

- Right colectomy with central mesocolic resection
- Transverse colon resection
- Sigmoidectomy for cancer
- Total mesorectal excision (TME) for rectal cancer
- Robotic TME

12-00 PM

Lunch at the Institute

1-00 PM

For **OPTION A**

“SURGICAL TIPS AND TRICKS VIDEO” WITH FACULTY COMMENTS

Discussion around short presentations of difficult or particular cases, pitfalls and technical details in colorectal surgery through pre-recorded operative demonstrations

For **OPTION B**

TRAINING ON LIVE TISSUE (MINI-PIGS)

- Operative strategy
- Right ileocaecal resection and anastomosis
- Left sigmoid resection with end-to-end Knight-Griffen anastomosis
- Vascular approach

For **OPTION C**

1. TRAINING ON LIVE TISSUE (MINI-PIGS)

- Operative strategy
- Right ileocaecal resection and anastomosis
- Left sigmoid resection with end-to-end Knight-Griffen anastomosis
- Vascular approach

2. TRAINING ON PELVIC TRAINER FOR TRANSANAL APPROACH

6-30 PM

End of session
Evening free

FRIDAY
MAY 24 / NOVEMBER 15

7-45 AM

Evaluation of the previous day

8-00 AM

For **OPTION A**

“SURGICAL TIPS AND TRICKS VIDEO” WITH FACULTY COMMENTS

Discussion around short presentations of difficult or particular cases, pitfalls and technical details in colorectal surgery through pre-recorded operative demonstrations

For **OPTION B**

TRAINING ON LIVE TISSUE (MINI-PIGS)

- Operative strategy
- Right ileocaecal resection and anastomosis
- Left sigmoid resection with end-to-end Knight-Griffen anastomosis
- Vascular approach

For **OPTION C**

TRAINING ON ANATOMICAL SPECIMENS FOR TRANSANAL APPROACH

12-00 PM

Lunch at the Institute

1-00 PM

For **OPTION A, B** and **C**

THEORETICAL SESSION

VIDEO SESSION 1: LAPAROSCOPIC COLECTOMY: TECHNICAL PEARLS

- Laparoscopic right colectomy
- Transverse colectomy with total mesocolic excision for cancer
- Understanding the splenic flexure – embryology is the key once again
- Laparoscopic left colectomy and sigmoid resection: standard steps for benign and malignant diseases
- Laparoscopic approach for T4 colon cancer
- Metallic stent for right or left side obstructing cancer: impact on oncological outcomes
- Q&A

SESSION 2: LAPAROSCOPIC COLONIC RESECTION FOR BENIGN DISEASE

- Diverticular disease: no, the elective surgeon is not dead!
- Functional outcomes in symptomatic colonic diverticular disease: preoperative, intraoperative, and postoperative issues
- Laparoscopic management of complex fistulas in Crohn’s disease
- Laparoscopic restorative proctocolectomy for ulcerative colitis
- Management of rectal prolapse
- Q&A

SESSION 3: LAPAROSCOPIC PROCTECTOMY: TECHNICAL PEARLS

- MRI for proper staging to predict and monitor clinical response
- Lessons learned from open TME
- 6-step approach for laparoscopic TME
- Sphincter-saving approaches during laparoscopic TME
- Laparoscopic intersphincteric resection for low rectal cancer
- How to close the pelvic space after a Miles operation?

SESSION 4: ROBOTIC TME

- Robotics for rectal cancer: more than a fantastic toy, especially for superobese patients
- Tips and tricks in robotic TME

6-00 PM

End of session

8-00 PM

Dinner in honor of participants and Faculty

You can register online for IRCAD courses at

WWW · IRCAD · FR

Or use this code for a flash registration for this course



LAPAROSCOPIC AND TRANSANAL COLORECTAL SURGERY

SATURDAY
MAY 25 / NOVEMBER 16

7:45 AM

Evaluation of the previous day

8:00 AM

For **OPTION A, B** and **C**

THEORETICAL SESSION

SESSION 5: TRANSANAL ENDOSCOPIC SURGERY (TES)

- TES toolkit, preparation and technical steps
- Local excision with TES for early rectal cancer: indications and limitations
- Transanal endoscopic surgery: from polypectomy to full TME
- Robotic transanal TME

SESSION 6: DEBATES

- What is the best approach for Total Mesorectal Excision (TME)?
 - Laparoscopic TME is better than open TME
 - Robotic TME is better than laparoscopic TME
 - TaTME will replace both
- Complete clinical response following neoadjuvant treatment for rectal cancer
 - Watch and wait
 - Local excision and/or radical resection
- One-port surgery: a less invasive approach
 - Cons
 - Pros

SESSION 7: PREVENTING AND MANAGING INTRAOPERATIVE AND POSTOPERATIVE COMPLICATIONS

- Laparoscopic treatment of bleeding, leaks, obstruction, and other complications
- Local recurrence – an avoidable complication?
- Perforation into the peritoneal cavity during TEM/TEO procedure
- Management of chronic anastomotic leaks, fistulas, and sinuses

12:00 PM

Lunch at the Institute

1:00 PM

For **OPTION A, B** and **C**

THEORETICAL SESSION

SESSION 8: LATEST TRENDS IN LAPAROSCOPIC COLORECTAL SURGERY

- From the ERAS program to ambulatory procedure: a logical way?
- What is the place of fluorescence imaging in colorectal surgery for lymph node and vascular assessment?
- Flexible operative endoscopy in the treatment of colorectal lesions: for surgeons or gastroenterologists?
- Combined endolaparoscopic approaches for localized resection
- Laparoscopic colectomies with natural orifice extraction (transanal – transvaginal)
- New developments in endoluminal robotic platforms
- Virtual reality in colonic surgery for tumor localization and vascular anatomy assessment
- Digital smart apps for outcome prediction and postoperative management

3:30 PM

CLOSING LECTURE

- Skeletons in the cupboard: when bad things happen to good surgeons

4:00 PM

End of course

Delivery of certificates of attendance