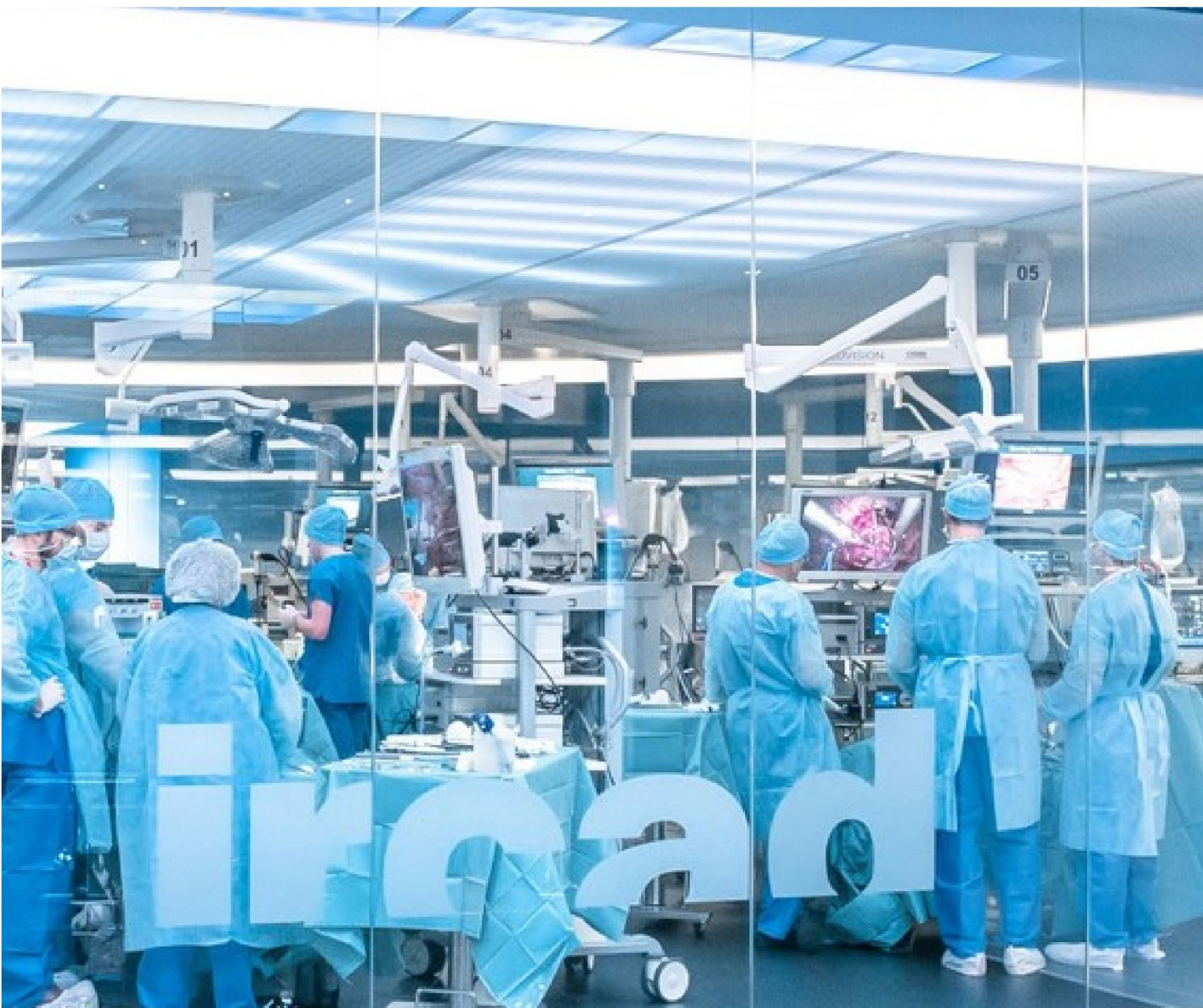


COLORECTAL SURGERY INTENSIVE COURSE

WITH OPTIONAL UNIVERSITY DIPLOMA

NOVEMBER 4 - 8



2024

ircad
France

STRASBOURG
UNIVERSITY

Course directors

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A. Forgione (IT)

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Cristiano SPADA	Universita Cattolica del Sacro Cuore, Roma, Italy
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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.

INSTRUCTORS IN THE LAB

Alfonso **LAPERGOLA** Nouvel Hôpital Civil, Strasbourg, France

Nariaki **OKAMOTO** , Japan

Sharmini **VARATHARAJAH** Centre François Baclesse, Caen, France

Elisa **REITANO** 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).



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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: 437,00 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 only, at the reception desk.

For successful candidates, the diploma will be delivered on Friday afternoon at the end of the course at 5:30pm.

Monday, November 4 - 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

- The basics to start and develop a safe and effective laparoscopic colorectal program

A. Forgione- 10'

08.30 am LIVE & PRERECORDED OPERATIVE DEMONSTRATIONS

from Expert International Centre

- Laparoscopic right hemicolectomy
- Laparoscopic sigmoidectomy for diverticulitis
- Laparoscopic anterior rectal resection

S. Morales-Conde

F. Corcione

A. Melani

11.15 am

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

11.30 am THEORETICAL SESSION

- How to perform a laparoscopic right colectomy
 - Medial to lateral
 - Bottom to up
- The Laparoscopic treatment of postoperative complications in colorectal surgery
- Strategy for colonic tumors in the transverse colon and splenic flexure
- How to perform laparoscopic left colectomy and TME
- Laparoscopic vs Robotic: any benefit?
- Technical tips for avoiding protective ileostomies after rectal resection

F. Corcione - 10'

A. Forgione - 10'

F. Corcione - 15'

S. Morales-Conde - 10'

A. Melani - 10'

Q. Denost- 10'

S. Morales-Conde - 10'

Debate & open discussion with the Experts after each presentation

12.45 pm

LUNCH

Monday, November 4 - 2024

AFTERNOON

ADVANCED LAPAROSCOPY FOR COLORECTAL CANCER

Chairmen *A. Forgione - A. Melani*

Instructors *Faculty members & local trainers*

01.30 pm HANDS-ON SESSION ON LIVE TISSUE

PRE-LAB SESSION - Description of procedures (to be performed in auditorium)

A. Forgione

1. Training procedures

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

2. Robotic approach (virtual simulators & pelvic trainers)

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

06.30 pm

END OF SESSION

Evening Free

Tuesday, November 5 - 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 minimally invasive video-assisted procedure for proctological diseases

- Endoscopic Pilonidal Sinus Treatment (EPSiT) *P. Meinero - 30'*
- Video-Assisted Anal Fistula Treatment (VAAFT) *P. Meinero - 40'*

Advanced laparoscopic surgery for benign colorectal disease and pelvic floor disorders

- Colorectal endometriosis *A. Melani - 45'*
- Robotic ventral rectopexy and its variants for the correction of rectal and multicompartmental prolapse *G. Naldini - 30'*

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

11.00 am THEORETICAL SESSION

Advanced laparoscopic surgery for benign colorectal disease and pelvic floor disorders

- Treatment of Pelvic Organ Prolapse: my flowchart *G. Naldini - 10'*
- Rules in IBD surgery *F. Ris - 15'*
- Diverticular disease in emergency and elective conditions *A. Forgione - 10'*
- Colorectal endometriosis *A. Melani - 15'*
- Colonic resection for severe chronic constipation *A. Forgione - 10'*

Advanced minimally invasive video-assisted procedure for proctological diseases

- Endoscopic Pilonidal Sinus Treatment (EPSiT) & Video-Assisted Anal Fistula Treatment (VAAFT): results of my experience & from the literature *P. Meinero - 20'*

Debate & open discussion with the Experts after each presentation

Lecture: Future perspectives regarding anal fistula treatment

P. Meinero - 15'

01.30 pm LUNCH

Tuesday, November 5 - 2024

AFTERNOON

ADVANCED LAPAROSCOPY FOR BENIGN, FUNCTIONAL & PROCTOLOGICAL DISEASES

Chairmen *A. Forgione - P. Meinero*

Instructors *Faculty members & local trainers*

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

PRE-LAB SESSION - Description of procedures (to be performed in auditorium)

*A. Forgione
P. Meinero*

1. Training procedures

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

2. Robotic approach (virtual simulators & pelvic trainers)

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

06.30 pm

END OF SESSION

Evening Free

Wednesday, November 6 - 2024

MORNING

07.45 am Evaluation of the previous day

TRANSANAL & ROBOTIC COLORECTAL SURGERY

Chairmen: A. Forgione - G. Spinoglio - A. Pallisera

08.00 am LIVE & PRERECORDED OPERATIVE DEMONSTRATIONS

Transanal endoscopic surgery

- Ta-TME for low rectal cancer

M. Ito

Robotic techniques for right, left & rectal resection

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

G. Choi
G. Spinoglio
P. Bianchi

11.00 am 15' COFFEE BREAK

11.15 am THEORETICAL SESSION

Transanal endoscopic surgery

- Clinical and oncological outcomes of Ta-TME: my experience
- Transanal surgery beyond the learning curve

M. Ito - 10'
P. Sylla - 10'

Robotic techniques for right, left & rectal resection

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

D. Koh - 10'
G. Spinoglio - 10'
G. Choi - 10'
D. Koh - 10'

Debate & open discussion with the Experts after each presentation

Lecture: Robotic colorectal surgery using different robotic platforms

P. Bianchi - 15'

01.15 pm LUNCH

Wednesday, November 6 - 2024

AFTERNOON

TRANSANAL & ROBOTIC COLORECTAL SURGERY

Chairmen *A. Forgione - G. Spinoglio*

Instructors *Faculty members & local trainers*

01.45 pm HANDS-ON SESSION

PRE-LAB SESSION - Description of procedures (to be performed in auditorium)

A. Forgione
M. Ito / A. Pallisera

- 1. Transanal approach (live tissue)**
 - Training on pelvic trainers for transanal surgery
 - Training on live tissue for transanal proctectomy
- 2. Laparoscopic approach (live tissue)**
 - Laparoscopic right colectomy
 - Laparoscopic left colectomy
 - Laparoscopic ileocolic anastomosis
- 3. Robotic approach (virtual simulators & pelvic trainers)**
 - Overview, set-up and hands-on testing of the robotic system
 - Robot set-up
 - Robotic console basics
 - Virtual simulators manipulation

06.30 pm END OF SESSION

08.00 pm EXPERTS & PARTICIPANTS' DINNER
Brasserie Les Haras - 23, rue des Glacières 67000 STRASBOURG

Thursday, November 7 - 2024

MORNING

07.45 am Evaluation of the previous day

ADVANCED FLEXIBLE OPERATIVE ENDOSCOPY AND COMBINED ENDOLAPAROSCOPIC TECHNIQUES

Chairmen: *A. Forgione - G. Costamagna - M. Ito*

08.00 am LIVE & PRERECORDED OPERATIVE DEMONSTRATIONS

from Expert International Centre

- ESD for rectal lesions *C. Spada / F. Barbaro*
- Transanal Endoscopic Microsurgery (TEM) for large rectal lesions *A. Pallisera*
- Flexible endoscopic operative ESD procedures for right and left colonic lesions *G. Costamagna*
- Combined endoscopic laparoscopic resections of early colorectal tumors *A. Pallisera*

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? *A. Pallisera - 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: results from Barcelona & worldwide literature *A. Pallisera - 10'*

Debate & open discussion with the Experts after each presentation

Lecture : Artificial Intelligence for surgical skill assessment and navigation in laparoscopic colorectal surgery

M. Ito - 10'

12.30 pm GROUP PICTURE

12.35 pm LUNCH

Thursday, November 7 - 2024

AFTERNOON

ADVANCED FLEXIBLE OPERATIVE ENDOSCOPY AND COMBINED ENDOLAPAROSCOPIC TECHNIQUES

Chairmen *A. Forgione - G. Costamagna*

Instructors *Faculty members & local trainers*

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

PRE-LAB SESSION - Description of procedures (to be performed in auditorium)

*A. Forgione
G. Costamagna*

Training procedures

- Flexible operative endoscopy (live tissue)**
 - Basic training with flexible endoscopes
 - Endoscopic applications of clips, Endoloops
 - Endoscopic polypectomy, EMR, ESD
- Laparoscopic approach (live tissue)**
 - Laparoscopic right colectomy
 - Laparoscopic left colectomy
 - Laparoscopic ileocolic anastomosis
- 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

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, November 8 - 2024

MORNING

07.45 am Evaluation of the previous day

08.00 am UNIVERSITY DIPLOMA PROFICIENCY TEST - 1 hour
(only for surgeons who applied for the University Diploma)

D. Mutter
A. Forgione

- 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 - A. Pallisera*

09.05 am THEORETICAL SESSION

Modern multimodal treatment of colorectal cancer

- How to perform your best possible Laparoscopic Partial Mesorectal Excision (PME) (the hidden child of rectal cancer surgery) *I. Montroni - 10'*
- Transanal vs. laparoscopic total mesorectal excision for middle and low rectal cancer *A. Pallisera - 10'*
- Ta-TME: where are we going? *I. Montroni - 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) *A. Pallisera - 10'*
- How to properly start a "watch and wait" program in your practice for non-immediate operative management of low rectal cancer *A. Forgione - 10'*

10.00 am 15' COFFEE BREAK

New technologies

- 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 ostomy to protect very low colorectal anastomosis *A. D'Urso - 10'*
- Digital apps to improve outcomes in colorectal surgery *A. Forgione - 10'*

Evolution of ERAS concept

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

Lecture: My evolving experience with surgical robots

A. Melani - 10'

01.20 pm LUNCH

Friday, November 8 - 2024

AFTERNOON

MULTIMODAL TREATMENTS, NEW TECHNOLOGIES

Chairmen: *A. Forgione - A. Melani*

02.30 pm THEORETICAL SESSION: INTERACTIVE DISCUSSION

Faculty: *P. Chasserant - A. D'Urso - I. Montroni*

Interactive discussion with experts around interesting cases – duration 3 hours

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

05.30 pm

CLOSING REMARKS AND FAREWELLS J. Marescaux / A. Forgione / A. Melani

DELIVERY OF CERTIFICATES OF ATTENDANCE AND DIPLOMAS TO SUCCESSFUL CANDIDATES
– 30'

