



LAPAROSCOPIC GENERAL SURGERY

2025

PROGRAMME

DATE

FEBRUARY 3 - 7

COURSE DIRECTORS

J. Marescaux (FR, RW)

A. Forgione (IT)

D. Mutter (FR)

M. Vix (FR)

Laparoscopic General Surgery Intensive Course

COURSE OBJECTIVES

- to provide the basic knowledge required for safe use of laparoscopic surgery
- to describe all technical (instruments, trocars, energy sources...) and physiology principles of laparoscopic surgery
- to critically review the most common laparoscopic surgical procedures
- to learn or improve laparoscopic skills by repeatedly practicing suturing, knot tying and performing surgical procedures during hands-on sessions

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: 418,00 Euros
- The diploma fees will have to be paid at IRCAD by cheque made payable to "Université de Strasbourg" or in 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.

To register for the University Diploma, it is mandatory to follow the entire course from Monday 08:00 until the end on Friday 16:15.

For successful candidates, the diploma will be delivered on Friday afternoon at the end of the course at 16:15.

FACULTY

| | | |
|---------------------------|-----------------|--|
| Toby COLLINS | United Kingdom | IRCAD Hôpitaux Universitaires, Strasbourg, France |
| Francesco CORCIONE | Italy | Clinica Mediterranea, Naples, Italy |
| Antonello FORGIONE | Italy | IRCAD Hôpitaux Universitaires, Strasbourg, France |
| Mariano GIMENEZ | Argentina | Hospital de Clinicas Jose San Martin, Buenos Aires, Argentina |
| Mihaela IGNAT | France | Centre Hospitalier Intercommunal des Alpes du Sud, Gap, France |
| Alfonso LAPERGOLA | Italy | Nouvel Hôpital Civil, Strasbourg, France |
| Jacques MARESCAUX | France / Rwanda | IRCAD Hôpitaux Universitaires, Strasbourg, France |
| Armando MELANI | Brazil | Americas Medical City, Rio de Janeiro, Brazil |
| Paolo MICCOLI | Italy | Universita Degli Studi di Pisa, Pisa, Italy |
| Didier MUTTER | France | Nouvel Hôpital Civil, Strasbourg, France |
| Benoît NAVEZ | Belgium | Cliniques Universitaires Saint Luc UCL, Brussels, Belgium |
| Do Joong PARK | South Korea | Seoul National University Hospital, Seoul, South Korea |
| Riccardo ROSATI | Italy | IRCCS Ospedale San Raffaele, Milan, Italy |
| Barbara SEELIGER | Germany | IHU, Strasbourg, France |
| Alexandru TUDOR | France | Centre Hospitalier Intercommunal des Alpes du Sud, Gap, France |
| Michel VIX | France | Nouvel Hôpital Civil, Strasbourg, France |

TRAINERS

| | | |
|-----------------------------|--------------|--|
| Florent ALEXANDRE | France | Nouvel Hôpital Civil, Strasbourg, France |
| Khalid ALGHAMDI | Saudi Arabia | Nouvel Hôpital Civil, Strasbourg, France |
| Aurélien GROLLEMUND | France | Nouvel Hôpital Civil, Strasbourg, France |
| Thibaut HAMON | France | Nouvel Hôpital Civil, Strasbourg, France |
| Flavio MILANA | Italy | Humanitas Hospital Rozzano, Milan, Italy |
| Guillaume PHILOUZE | France | Nouvel Hôpital Civil, Strasbourg, France |
| Elisa REITANO | Italy | Nouvel Hôpital Civil, Strasbourg, France |
| Pietro RIVA | Italy | Nouvel Hôpital Civil, Strasbourg, France |
| Gabriel SZYDLO SHEIN | France | Private practice, Strasbourg, France |
| Bassam TALAB | France | Centre Hospitalier Sainte Catherine, Saverne, 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

Laparoscopic General Surgery Intensive Course

Monday, February 3 - 2025

MORNING

08.45 Registration

09.00 Welcome to participants and introduction of "IRCAD concept" *J. Marescaux*

THEORETICAL SESSION

EQUIPMENT

- 09.15 - 10.15
- Operating theatre / choice of equipment / the laparoscopy unit *D. Mutter*
 - Conventional laparoscopic instrumentation and micro-instruments
 - Electrosurgery and ultrasonic dissections
 - An integrated concept: "intelligent" OP room

10.15 - 10.45 **BREAK** - Registration for University Diploma at reception desk

BASIC PRINCIPLES

A. Forgione

- 10.45 - 12.00
- Conventional access
 - Positioning of trocars:
 - transperitoneal access
 - retroperitoneal access
 - Knots
 - Operating room organization

LAPAROSCOPIC INCISIONAL HERNIA REPAIR

Chairman: A. Forgione

- 12.00 - 12.45 Minimally invasive innovative approach to ventral hernia repair: state-of-the-art *M. Ignat*

13.00 - 14.00 LUNCH AT THE INSTITUTE

AFTERNOON

14.00 Animal anatomy and definition of procedures to be done

A. Forgione

EXPERIMENTAL LABORATORY

Hands on session on Live Tissue

14.15

All faculty

Objectives: Basic principles and techniques

- ❖ Accesses, insufflation, positioning of trocars,
- ❖ Exposure - dissection - stitching, tissue approximation, knot tying and stapling

Training procedures

- Small bowel resection and anastomoses
- Gastrojejunostomy
- Cholecystectomy

18.45

END OF SESSION

Free Evening

Laparoscopic General Surgery Intensive Course

Tuesday, February 4 - 2025

MORNING

07.50 Evaluation of the previous day

LAPAROSCOPIC HERNIA REPAIR

Chairmen: A. Forgione - M. Ignat

08.00 **INGUINAL HERNIA REPAIR**

A. Forgione

Rationale of the laparoscopic approach and surgical techniques: TAPP vs TEP

LIVE OR PRE-RECORDED OPERATIVE DEMONSTRATIONS *from Europe*

INGUINAL HERNIA REPAIR

08.30 - 09.15

- **TEP**

A. Tudor

09.15 - 10.00

- **TAPP**

D. Mutter

10.00 - 10.30 **BREAK** - Registration for University Diploma at reception desk

DIDACTIC SESSION & PRE-RECORDED OPERATIVE DEMONSTRATIONS

LAPAROSCOPIC BILIARY SURGERY

10.30 - 11.45 **CHOLECYSTECTOMY**

D. Mutter

- Basic principles of laparoscopic cholecystectomy
- Bile Duct Injuries: diagnosis and management
- Tips and tricks for acute cholecystitis

LAPAROSCOPY FOR ABDOMINAL EMERGENCIES

11.45 - 13.00

- Laparoscopy in peritonitis
- Appendicitis
- Gastric perforation
- Diverticulitis: radical and conservative management

B. Navez

13.00 - 14.00 **LUNCH AT THE INSTITUTE**

AFTERNOON

14.00 Animal anatomy and definition of procedures to be done

A. Forgione

EXPERIMENTAL LABORATORY

Hands on session on Live Tissue

14.15

All faculty

Training procedures

- TAPP Inguinal hernia repair
- Stapled gastrojejunostomy
- Dissection of the common bile duct: T-tube
- Roux-en-Y choledocojejunostomy
- Splenectomy

18.45

END OF SESSION

Free Evening

Laparoscopic General Surgery Intensive Course

Wednesday, February 5 - 2025

MORNING

07.50 Evaluation of the previous day

THEORETICAL SESSION

08.00 - 08.30 **ARTIFICIAL INTELLIGENCE & MINIMALLY
INVASIVE SURGERY: NEXT STEPS** *J. Marescaux*

LIVE SURGERY

LIVE OR PRERECORDED OPERATIVE DEMONSTRATIONS *Chairman: A. Forgione*

08:30
from Naples • **Rectal cancer** *F. Corcione*

from Naples • **Adrenalectomy** *F. Corcione*

• **Sleeve gastrectomy** *M. Vix*

13.00 - 14.00 LUNCH AT THE INSTITUTE

AFTERNOON

14.00 Animal anatomy and definition of procedures to be done

A. Forgione

EXPERIMENTAL LABORATORY

Hands on session on Live Tissue

14.15

All faculty

Training procedures

- Ileo-caecal dissection and anastomoses
- Fundoplication
- Splenectomy
- Roux-en-Y gastric bypass

18.45 **END OF SESSION**

20.00 **DINNER IN HONOR OF THE PARTICIPANTS**
Brasserie LES HARAS, 23 rue des Glacières - Strasbourg

Laparoscopic General Surgery Intensive Course

Thursday, February 6 - 2025

MORNING

07.50 Evaluation of the previous day

THEORETICAL SESSION

LIVE OPERATIVE DEMONSTRATION

Chairman: A. Forgione

08.00 - 09.30
from Seoul

- **Laparoscopic pylorus-preserving gastrectomy**

D.J. Park

LECTURE

09.30 - 10.00

- Antireflux surgery and paraesophageal hernia repair
Discussion

R. Rosati
(videoconference)

DIDACTIC SESSION

10.00 - 10.30 **BREAK**

COLORECTAL SURGERY

Chairman: A. Forgione

10.30 - 11.30

- Technique - tips and tricks for:
 - right colectomy
 - left colectomy

D. Mutter

11.30 - 12.00

- How to prevent and manage complications

A. Forgione

12.00 - 12.45

- TME for rectal cancer *(videoconference)*
Discussion

A. Melani

13.00 - 14.00 **LUNCH AT THE INSTITUTE**

AFTERNOON

14.00 Animal anatomy and definition of procedures to be done *A. Forgione*

EXPERIMENTAL LABORATORY

Hands on session on Live Tissue

14.15 *All faculty*

PROFICIENCY TEST

(for the surgeons having applied for the University Diploma)

University Diploma validating procedure

Small bowel resection / anastomoses

Training procedures

- Ileo-caecal dissection and anastomoses
- Roux-en-Y gastric bypass
- Partial / total gastrectomy
- Dissection of the hepatic pedicle

18.45 **END OF SESSION**

Laparoscopic General Surgery Intensive Course

Friday, February 7 - 2025

MORNING

07.45 Evaluation of the previous day

07.55 **PROFICIENCY TEST**

(only for the surgeons having applied for the University Diploma)

Multiple choice questions for the University Diploma from the "Strasbourg University UDS"

M. Vix

09.00 - 09.05 **BREAK**

THEORETICAL SESSION

ENDOCRINE SURGERY

09.05 - 10.15 • Minimally invasive, robotic and transoral thyroidectomy and parathyroidectomy *P. Miccoli*

10.15 - 10.45 • Right and left adrenalectomy using transperitoneal approach *M. Vix*

10.45 - 10.50 **GROUP PICTURE**

Participants & faculty

10.50 - 11.15 **BREAK**

11.15 - 13.15 **BARIATRIC & METABOLIC SURGERY**

M. Vix

- Tailored approach: sleeve gastrectomy & gastric bypass
- Management of common and difficult complications
- Bariatric cases and interactive discussion with participants

13.15 - 14.00 **LUNCH AT THE INSTITUTE**

AFTERNOON

THEORETICAL SESSION

Chairman: B. Seeliger

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- 14.00 - 14.30 **SPLENIC SURGERY**: laparoscopic splenectomy :
indications and technique
Discussion
A. Lapergola
- 14.35 - 15.05 **STATE OF THE ART : PERCUTANEOUS SURGERY**
Discussion
M. Gimenez
(videoconference)
- 15.10 - 15.30 **AI FOR "DUMMIES"** 😊
- What you have to know about artificial intelligence as a surgeon
- How ChatGPT works
Discussion
T. Collins
- 15.35 - 16.05 **ROBOTICS**
New robots on the horizon: will minimally invasive surgery go fully robotic?
Discussion
B. Seeliger
- 16.15 END OF SESSION**
Delivery of the certificates of attendance and of the diplomas for the successful candidates

Laparoscopic General Surgery Intensive Course

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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LES HARAS

Located on the IRCAD campus, the old Strasbourg's national stud farm « Les Haras » was renovated by IRCAD with a contemporary flair true to the style of the compounds.

This exceptional setting gathers a Hotel *****, a Brasserie run by Marc Haerberlin, the famous Michelin-starred Chef and « 5 toques d'Or » Gault & Millau, and a Biocluster dedicated to medical innovation.

Laparoscopic General Surgery Intensive Course

NOTE PAD

A large, light gray rectangular area containing horizontal dashed lines, serving as a note-taking space. The lines are evenly spaced and extend across the width of the area, providing a guide for writing notes.