



# LAPAROSCOPIC GENERAL SURGERY

2025

## PROGRAMME

DATE

**MAY 19 - 23**

COURSE DIRECTORS

**J. Marescaux** (FR, RW)

**A. Forgione** (IT)

**D. Mutter** (FR)

**M. Vix** (FR)

# Laparoscopic General Surgery Intensive Course

## COURSE OBJECTIVES

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- 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

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*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.**

*For successful candidates, the diploma will be delivered on Friday afternoon at the end of the course at 4:30pm.*

## FACULTY

Lavinia <b>BARBIERI</b>	Italy	IRCCS Ospedale San Raffaele, Milan, Italy
Francesco <b>CORCIONE</b>	Italy	Clinica Mediterranea, Naples, Italy
Andrea <b>COSSU</b>	Italy	IRCCS Ospedale San Raffaele, Milan, Italy
Quentin <b>DENOST</b>	France	Clinique Tivoli, Bordeaux, France
Antonello <b>FORGIONE</b>	Italy	IRCAD Hôpitaux Universitaires, Strasbourg, France
Mariano <b>GIMENEZ</b>	Argentina	Fundacion Daicim, Buenos Aires, Argentina
Woo Jin <b>HYUNG</b>	South Korea	Severance Hospital, Seoul, South Korea
Mihaela <b>IGNAT</b>	France	Centre Hospitalier Intercommunal des Alpes du Sud, Gap, France
Alfonso <b>LAPERGOLA</b>	Italy	Nouvel Hôpital Civil, Strasbourg, France
Jacques <b>MARESCAUX</b>	France / Rwanda	IRCAD Hôpitaux Universitaires, Strasbourg, France
Paolo <b>MICCOLI</b>	Italy	Universita Degli Studi di Pisa, Pisa, Italy
Didier <b>MUTTER</b>	France	Nouvel Hôpital Civil, Strasbourg, France
Benoît <b>NAVEZ</b>	Belgium	Cliniques Universitaires Saint Luc UCL, Brussels, Belgium
Riccardo <b>ROSATI</b>	Italy	IRCCS Ospedale San Raffaele, Milan, Italy
Michel <b>VIX</b>	France	Nouvel Hôpital Civil, Strasbourg, France

## TRAINERS

Khalid <b>ALGHAMDI</b>	Saudi Arabia	Nouvel Hôpital Civil, Strasbourg, France
Zineb <b>CHERKAoui</b>	France	Nouvel Hôpital Civil, Strasbourg, France
Alain <b>GARCIA</b>	Mexico	IHU, Strasbourg, France
Aurélien <b>GROLLEMUND</b>	France	Nouvel Hôpital Civil, Strasbourg, France
Thibaut <b>HAMON</b>	France	Nouvel Hôpital Civil, Strasbourg, France
Daichi <b>KITAGUCHI</b>	Japan	IRCAD Hôpitaux Universitaires, Strasbourg, France
Arne <b>KOCK</b>	France	Nouvel Hôpital Civil, Strasbourg, France
Flavio <b>MILANA</b>	Italy	Humanitas Hospital Rozzano, Milan, Italy
Elisa <b>REITANO</b>	Italy	Nouvel Hôpital Civil, Strasbourg, France
Gabriel <b>SZYDLO SHEIN</b>	France	Private practice, Strasbourg, France
Yuchuan <b>YANG</b>	China	IRCAD Hôpitaux Universitaires, 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*

# Laparoscopic General Surgery Intensive Course

## Monday, May 19 - 2025

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### MORNING

08.45 Registration

09.00 Welcome to participants

*J. Marescaux*

### THEORETICAL SESSION

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#### EQUIPMENT

09.05 - 10.05

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

*D. Mutter*

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

#### LAPAROSCOPY FOR ABDOMINAL EMERGENCIES

*B. Navez*

12.00 - 13.15

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



13.15 - 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

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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, May 20 - 2025

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### MORNING

07.50 Evaluation of the previous day

#### LAPAROSCOPIC HERNIA REPAIR

Chairman: A. Forgione

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

- **TAPP**

D. Mutter

09.15 - 10.00

- TEP - prerecorded

comments: A. Forgione

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

#### DIDACTIC SESSION

Chairman: A. Forgione

10.30 - 11.15

##### LAPAROSCOPIC INCISIONAL HERNIA REPAIR

M. Ignat

(videoconference)

- Minimally invasive innovative approach to ventral hernia repair: state-of-the-art

#### DIDACTIC SESSION & PRE-RECORDED OPERATIVE DEMONSTRATIONS

#### LAPAROSCOPIC BILIARY SURGERY

11.15 - 12.30

##### CHOLECYSTECTOMY

D. Mutter

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

#### IMAGE-GUIDED SURGERY

12.30 - 12.45

##### SURGICAL LAPAROSCOPIC ULTRASOUND FOR GENERAL SURGEONS

M. Gimenez

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

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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
- Intra operative surgical ultrasound demonstration

18.45

#### **END OF SESSION**

Free Evening

# Laparoscopic General Surgery Intensive Course

## Wednesday, May 21 - 2025

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### MORNING

07.50 Evaluation of the previous day

### THEORETICAL SESSION

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08.00 - 08.30 **IMAGING, ROBOTICS AND ARTIFICIAL  
INTELLIGENCE: THE FUTURE OF MIS**

*J. Marescaux*

### LIVE SURGERY

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08.30 **LIVE OPERATIVE DEMONSTRATIONS**

Chairman: A. Forgione

*from Milan*

- **Giant hiatal hernia**

*R. Rosati*

*from Naples*

- **Laparoscopic left colon resection for cancer**

*F. Corcione*

- **Laparoscopic right adrenalectomy**

*F. Corcione*

### PRE-RECORDED OPERATIVE DEMONSTRATIONS

13.00 - 14.00 LUNCH AT THE INSTITUTE



## AFTERNOON

14.00 Animal anatomy and definition of procedures to be done

## EXPERIMENTAL LABORATORY

### Hands on session on Live Tissue

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14.15

*All faculty*

#### **Training procedures**

- Ileo-caecal dissection and anastomoses
- Fundoplication
- Splenectomy
- Roux-en-Y gastric bypass
- Intra operative surgical ultrasound demonstration

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, May 22 - 2025

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### MORNING

07.50 Evaluation of the previous day

### LIVE SURGERY

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#### LIVE & PRE-RECORDED OPERATIVE DEMONSTRATIONS

Chairman: A. Forgione

08.00 - 09.30  
*from Seoul*

- **Robotic gastrectomy for cancer**

W.J. Hyung

### DIDACTIC SESSION

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#### ESOPHAGO-GASTRIC SURGERY

09.30 - 10.00

- Giant hiatal hernia: State of the Art *(videoconference)*

L. Barbieri

10.00 - 10.30

- MIS esophagectomy for cancer: State of the Art *(videoconference)*

A. Cossu

Discussion

10.30 - 11.00 **BREAK**

#### COLORECTAL SURGERY

Chairman: A. Forgione

11.00 - 12.00

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

D. Mutter

12.00 - 12.30

- How to prevent and manage complications

A. Forgione

12.30 - 13.00

- TME for rectal cancer *(videoconference)*

Q. Denost

Discussion

13.10 - 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

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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**

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

18.45

#### **END OF SESSION**

Free Evening

# Laparoscopic General Surgery Intensive Course

## Friday, May 23 - 2025

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### MORNING

07.45 Evaluation of the previous day

07.55 **PROFICIENCY TEST**

*M. Vix*

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

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

09.00 - 09.05 **BREAK**

### THEORETICAL SESSION

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#### **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

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14.00 - 14.15 **STATE OF THE ART : PERCUTANEOUS SURGERY** *M. Gimenez*  
Discussion

14.20 - 14.40 **ROBOTICS** *A. Forgione*  
New robots on the horizon: will minimally invasive surgery go fully robotic?  
Discussion

14.45 - 16.30 **CLINICAL CASES**

- Splenic surgery *A. Lapergola*
- Liver surgery *A. Forgione*
- Pancreatic surgery *A. Forgione*
- Oesophageal surgery *A. Forgione*

Discussion

**16.30 END OF SESSION**  
Delivery of the certificates of attendance and of the diplomas for the successful candidates