

LAPAROSCOPIC GENERAL SURGERY

PROGRAMME

MAY 13 - 17



2024

ircad
France

STRASBOURG
UNIVERSITY

Course director

J. Marescaux (FR, RW)

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: 411,00 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

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
Woo Jin HYUNG	South Korea	Severance Hospital, Seoul, South Korea
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
Cunnigaiper NARANAYAN	India	Sri Ramachandra Medical College, Chennai, India
Benoît NAVEZ	Belgium	Cliniques Universitaires Saint Luc UCL, Brussels, Belgium
Riccardo ROSATI	Italy	IRCCS Ospedale San Raffaele, Milan, Italy
Benoît ROMAIN	France	CHU de Haute-pierre, Strasbourg, France
Xavier SERRA-ARACIL	Spain	Hospital Parc Taulli, Sabadell, Spain
Luc SOLER	France	Private practice, Strasbourg, France
Michel VIX	France	Nouvel Hôpital Civil, Strasbourg, France

TRAINERS

Florent ALEXANDRE	France	Nouvel Hôpital Civil, Strasbourg, France
Michele DIANA	Italy	HUG Hôpitaux Universitaires, Geneva, Switzerland
Cristians GONZALEZ	Venezuela	Institut de Cancérologie de Lorraine, Vandœuvre-lès-Nancy, France
Aurélien GROLLEMUND	France	Nouvel Hôpital Civil, Strasbourg, France
Arne KOCK	France	Nouvel Hôpital Civil, Strasbourg, France
Flavio MILANA	Italy	Humanitas Hospital Rozzano, Milan, Italy
Kohei MISHIMA	Japan	IRCAD Hôpitaux Universitaires, Strasbourg, France
Elisa REITANO	Italy	Nouvel Hôpital Civil, Strasbourg, France
Pietro RIVA	Italy	Nouvel Hôpital Civil, Strasbourg, France
Barbara SEELIGER	Germany	IHU, 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, May 13 - 2024

MORNING

08.45 Registration

09.00 Welcome to participants

J. Marescaux

THEORETICAL SESSION

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

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
- Robotic system initiation

18.45

END OF SESSION

Free Evening

Laparoscopic General Surgery Intensive Course

Tuesday, May 14 - 2024

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

C.D. Naranayan (videoconference)

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

DIDACTIC SESSION & PRE-RECORDED OPERATIVE DEMONSTRATIONS

LAPAROSCOPIC BILIARY SURGERY

10.30 - 12.30

CHOLECYSTECTOMY

D. Mutter

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

BILE DUCTS

D. Mutter

Laparoscopic common bile duct exploration

DIDACTIC SESSION

Chairman: D. Mutter

12.30 - 13.15

INCISIONAL HERNIA REPAIR

B. Romain

Minimally invasive surgery and incisional hernia repair

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

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
- Robotic system initiation

18.45

END OF SESSION

Free Evening

Laparoscopic General Surgery Intensive Course

Wednesday, May 15 - 2024

MORNING

07.50 Evaluation of the previous day

THEORETICAL SESSION

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

J. Marescaux

LIVE SURGERY

08.30 **LIVE OR PRE-RECORDED OPERATIVE
DEMONSTRATIONS**

Chairman: A. Forgione

from Milan

- **Giant hiatal hernia**

R. Rosati

from Naples

- **Left hemicolectomy for cancer**

F. Corcione

- **Gastric Bypass**

M. Vix

- **TME**

A. Melani
comments: A. Forgione

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

14.15

All faculty

Training procedures

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

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 16 - 2024

MORNING

07.50 Evaluation of the previous day

LIVE SURGERY

LIVE & PRE-RECORDED OPERATIVE DEMONSTRATIONS

Chairman: A. Forgione

08.00 - 09.30
from Seoul

- **Robotic gastrectomy for cancer**

W.J. Hyung

DIDACTIC SESSION

ESOPHAGO-GASTRIC SURGERY

09.30 - 10.00

- Giant hiatal hernia: State of the Art

R. Rosati

10.00 - 10.30

- MIS esophagectomy for cancer: State of the Art

R. Rosati

Discussion

10.30 - 11.00 **BREAK**

COLORECTAL SURGERY

Chairman: A. Forgione

11.00 - 11.45

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

D. Mutter

11.45 - 12.15

- How to prevent and manage complications

D. Mutter

12.15 - 12.45

- Transanal approach (*videoconference*)

X. Serra-Aracil

12.45 - 13.15

- TME for rectal cancer (*videoconference*)

A. Melani

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

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
- Robotic system initiation

18.45

END OF SESSION

Free Evening

Laparoscopic General Surgery Intensive Course

Friday, May 17 - 2024

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

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 - 13.00 **BARIATRIC & METABOLIC SURGERY**

M. Vix

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

13.00 - 14.00 **LUNCH AT THE INSTITUTE**

AFTERNOON

THEORETICAL SESSION

- 14.00 - 14.30 **SPLENIC SURGERY**: laparoscopic splenectomy : *A. Lapergola*
indications and technique
Discussion
- 14.30 - 15.00 **STATE OF THE ART : PERCUTANEOUS SURGERY** *M. Gimenez*
Discussion
- 15.00 - 15.30 **NEW TRENDS** *L. Soler*
Why 3D reconstruction of medical images would be
mandatory before surgery ?
Discussion
- 15.30 - 16.00 **ROBOTICS** *A. Forgione*
New robots on the horizon: will minimally invasive surgery
go fully robotic?
Discussion
(videoconference)

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 Haeberlin, 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