

# LAPAROSCOPIC GENERAL SURGERY

PROGRAMME

JULY 1 - 5



2024

**ircad**  
France

STRASBOURG  
UNIVERSITY

Course director

J. Marescaux (FR, RW)

# Laparoscopic General Surgery Intensive Course

## Monday, July 1 - 2024

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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

10.45 - 12.00

- Access to abdominal cavity : different ways and tricks
- Conventional access
- Positioning of trocars:
  - transperitoneal access
  - retroperitoneal access
- Knots
- Operating room organization

*U. Bracale*

*A. Forgione*

#### 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
- Robotic system initiation

18.45

## END OF SESSION

Free Evening

# Laparoscopic General Surgery Intensive Course

## Tuesday, July 2 - 2024

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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

*B. Dallemagne - comments: A. Forgione*

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

#### DIDACTIC SESSION

*Chairman: A. Forgione*

10.30 - 11.10

##### LAPAROSCOPIC INCISIONAL HERNIA REPAIR

*U. Bracale*

- Minimally invasive innovative approach to ventral hernia repair: state-of-the-art
- The robotic approach for AWR Abominal Wall Reconstruction: the beginning of a new era...

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

#### LAPAROSCOPIC BILIARY SURGERY

11.00 - 13.00

##### 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

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
- Robotic system initiation

18.45

#### **END OF SESSION**

Free Evening

# Laparoscopic General Surgery Intensive Course

## Wednesday, July 3 - 2024

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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 & PRE-RECORDED OPERATIVE  
DEMONSTRATIONS**

Chairmen: *A. Forgione -  
U. Bracale*

*from Milan*

- **Giant hiatal hernia**

*R. Rosati*

*from Naples*

- **Laparoscopic left colorectal resection for recto-  
sigmoid cancer**

*F. Corcione*

- **Right colectomy**

*S. Morales-Conde*

- **Gastric Bypass**

*M. Vix*

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
- Robotic system initiation

18.45 **END OF SESSION**

# Laparoscopic General Surgery Intensive Course

## Thursday, July 4 - 2024

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### MORNING

07.50 Evaluation of the previous day

### LIVE SURGERY

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#### LIVE OPERATIVE DEMONSTRATION

Chairman: A. Forgione

08.00 - 09.30  
*from Seoul*

- **Distal gastrectomy with fluorescence guided lymph node dissection**

H.K. Yang

#### LECTURE

09.30 - 10.00

- Antireflux surgery and paraesophageal hernia repair  
Discussion

R. Rosati  
*(videoconference)*

### DIDACTIC SESSION

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10.10 - 10.40 BREAK

#### COLORECTAL SURGERY

Chairman: A. Forgione

10.40 - 11.20

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

S. Morales-Conde

11.20 - 11.30

- Natural Orifice Specimen Extraction in colorectal surgery

Z. Liu  
*(videoconference)*

11.30 - 12.00

- How to prevent and manage complications

A. Forgione

12.00 - 12.30

- Transanal approach

S. Morales-Conde

12.30 - 13.00

- TME for rectal cancer

S. Morales-Conde

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*

#### **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

**18.30 END OF SESSION**

**19.30 DINNER IN HONOR OF THE PARTICIPANTS**

Brasserie LES HARAS, 23 rue des Glacières - Strasbourg

# Laparoscopic General Surgery Intensive Course

## Friday, July 5 - 2024

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### MORNING

07.45 Evaluation of the previous day

07.55 **PROFICIENCY TEST**

*A. Forgione*

(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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*Chairman: A. Forgione*

- 14.00 - 14.30 **SPLENIC SURGERY**: laparoscopic splenectomy :  
indications and technique  
Discussion *A. Lapergola*
- 14.30 - 15.00 **STATE OF THE ART : PERCUTANEOUS SURGERY**  
Discussion *M. Gimenez*
- 15.00 - 15.30 **NEW TRENDS**  
Why 3D reconstruction of medical images would be  
mandatory before surgery ?  
Discussion *L. Soler*
- 15.30 - 16.00 **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