

# PROGRAM

## INTENSIVE COURSE IN LAPAROSCOPIC GENERAL SURGERY

June 24-28, 2019

ASIA IRCAD - TAIWAN



### CHAIRMAN

**MH. Huang**

Show Chwan Memorial Hospital  
Changhua, Taiwan

### PRESIDENT

**Jacques Marescaux**

President, IRCAD  
University of Strasbourg, France

### DIRECTOR

**Shih-Wei Huang**

Show Chwan Memorial Hospital  
Changhua, Taiwan

### OBJECTIVES

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- To provide the basic knowledge required for clinical applications
- To describe all the basic principles (instruments, materials, equipments) and present the most used basic laparoscopic techniques
- Hands-on training sessions to learn or improve performance of basic technical tasks in laparoscopic surgery such as intra-corporeal suturing and knots tying techniques, two-hands co-ordination for dissection, safe use of energy in laparoscopy
- To describe results and potential complications of laparoscopic procedures

### EDUCATIONAL METHODS

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- Interactive theoretical and video sessions between faculty and course participants
  - Live and pre-recorded operative demonstrations
  - Hands-on practice on live animals for four afternoon to provide adequate exposure to all aspects of digestive surgery.
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### FACULTY

**Shu-Hung CHUANG (Taiwan)**  
**Bernard DALLEMAGNE (France)**  
**Wayne HUANG (Taiwan)**  
**Sang-Woong LEE (Japan)**  
**Yueh-Tsung LEE (Taiwan)**  
**Wei-Chieh LEE (Taiwan)**  
**Chung-Wei LIN (Taiwan)**

**Jacques MARESCAUX (France)**  
**Armando MELANI (Brazil)**  
**Paolo MICCOLI (Italy)**  
**Didier MUTTER (France)**  
**Chung-Ngai TANG (Hong Kong) - videoconference**  
**Michel VIX (France) - videoconference**  
**Hon Phin WONG (Taiwan)**

V.19/25/2018

## MONDAY June 24<sup>th</sup> - 2019

- 07.30 **FACULTY SHUTTLE BUS** : Hotel Taichung to IRCAD Taiwan
- 07.45 **PARTICIPANTS SHUTTLE BUS** : Hotel Taichung to IRCAD Taiwan
- 08.45 Registration
- 09.00 Welcome to participants *J. Marescaux - S.W. Huang*

### DIDACTIC SESSION

- 09.05 **Laparoscopic Operating Room** *D. Mutter*  
 Organization and equipment : laparoscopes, cameras, insufflators, instruments ...  
 Surgical energy : principles and instruments
- Basic Principles of Laparoscopic Surgery** *B. Dallemagne*  
 Trocars and methods of access  
 Exposure, retraction, haemostasis, stitching, suturing, knotting, anastomosing ...
- 11.00 **BREAK**
- 11.30 **Acute Abdomen** *D. Mutter*  
 Laparoscopy in peritonitis  
 Appendicitis  
 Gastric perforation  
 Diverticulitis
- 13.10 **LUNCH**
- 13.40 Visit of the Show Chwan Memorial Hospital

### EXPERIMENTAL LABORATORY - Hands<sup>3</sup> on session on Live Tissues

- 14.00 Pre-lab session : description of the lab rules, anatomy of the animal and surgical procedures
- 14.15 **DAY 1** **All faculty**  
 Basic principles : insufflation - positioning of trocars  
 Exposure, dissection, stapling, stitches, sutures and knots  
 Small bowel resection and anastomoses  
 Gastrojejunostomy  
 Cholecystectomy
- 18.30 End of the session

**TUESDAY June 25<sup>th</sup> - 2019**

- 07.30 **FACULTY SHUTTLE BUS** : Hotel Taichung to IRCAD Taiwan  
 07.45 **PARTICIPANTS SHUTTLE BUS** : Hotel Taichung to IRCAD Taiwan

**LIVE SURGERY**

- 09.00 **Inguinal Hernia Repair**  
**LIVE OPERATIVE DEMONSTRATION** *D. Mutter*  
 "Trans Abdominal Pre Peritoneal (TAPP) technique"  
**LIVE OPERATIVE DEMONSTRATION** *B. Dallemagne*  
 "Totally Extra Peritoneal (TEP) technique"  
 10.30 **BREAK**

**DIDACTIC SESSION**

- 10.45 Role of laparoscopy in specific clinical conditions: recurrent hernia, strangulated hernia ... *B. Dallemagne*  
 Evidence-based rationale of the laparoscopic approach and TAPP versus TEP techniques *B. Dallemagne*  
 11.15 **BREAK**  
 11.30 **Incisional and Ventral Hernia**  
 Basic and advanced techniques : mesh repair, suture repair, component separation repair ... *D. Mutter*  
 12.15 **Laparoscopic Hepatic Surgery: an overview** *C.W. Lin*  
 13.00 **LUNCH**

**EXPERIMENTAL LABORATORY - Hands' on session on Live Tissues**

- 14.00 Pre-lab session : description of the surgical procedures *E. Nuhji*  
 14.15 **DAY 2** **All faculty**  
 Inguinal hernia repair (TAPP)  
 Stapled gastro-jejunostomy  
 Hiatal repair and fundoplication  
 Ventral hernia  
 Dissection of the common bile duct and liver pedicle  
 Cholecystectomy  
 18.30 End of the session  
 18.35 **FACULTY & PARTICIPANTS SHUTTLE BUS** : IRCAD Taiwan - Restaurant  
 19.00 **CONGRESS BANQUET**  
 21.30 **FACULTY SHUTTLE BUS** : Restaurant - Hotel  
 21.30 **PARTICIPANTS SHUTTLE BUS** : Restaurant - Hotel

## WEDNESDAY June 26<sup>th</sup> - 2019

- 07.30 **FACULTY SHUTTLE BUS** : Hotel Taichung to IRCAD Taiwan  
 07.45 **PARTICIPANTS SHUTTLE BUS** : Hotel Taichung to IRCAD Taiwan

### DIDACTIC SESSION

- 09.00 **Next Step in Minimally Invasive Surgery : Image-guided approach** *J. Marescaux*
- 09.30 **Endocrine Surgery**  
***Thyroid and parathyroid glands*** : from mini-incisions to transoral and robotic approaches *P. Miccoli*
- 10.30 **BREAK**
- 11.00 **Laparoscopic Biliary Surgery**  
***Cholecystectomy*** *B. Dallemagne*
  - Basic principles and techniques in common and complex situations
  - Intraoperative guidance : cholangiography and fluorescence
  - Acute cholecystitis *H.P. Wong****Common Bile Duct stones***
  - Current role of surgery *D. Mutter*
  - Techniques of choledochotomy and transcystic approaches
  - One-stage versus two-stage management for concomitant gallstones and bile duct stones : evidence-based medicine update" *S.H. Chuang*
- 12.00 **Endocrine Surgery**  
***Adrenalectomy***: indications and approaches, technical tips and tricks *M. Vix*  
*(videoconference from Strasbourg)*
- 12.45 **LUNCH**

### EXPERIMENTAL LABORATORY - Hands' on session on Live Tissues

- 14.00 Pre-lab session : description of the surgical procedures
- 14.15 **DAY 3** ***All faculty***  
 Dissection of the common bile duct  
 T-tube insertion – CBD suturing  
 Choledocojejunostomy / Roux in Y  
 Dissection of the hepatic pedicle
- 18.30 End of the session

## THURSDAY June 27<sup>th</sup> - 2019

- 07.00 **FACULTY SHUTTLE BUS** : Hotel Taichung to IRCAD Taiwan  
 07.15 **PARTICIPANTS SHUTTLE BUS** : Hotel Taichung to IRCAD Taiwan

### LIVE SURGERY

- 09.00 LIVE OPERATIVE DEMONSTRATION from Hong Kong  
 "Robotic case" C.N. Tang
- 10.15 **BREAK**

### DIDACTIC SESSION

- Gastric Surgery**
- 10.30 Total gastrectomy for cancer S.W. Lee  
 11.15 Modern strategy in esophago-gastric junction cancer S.W. Lee  
 11.45 Laparoscopic surgery for gastric submucosal tumor Y.T. Lee
- 12.00 **Bariatric and metabolic surgery**  
 Rationale and techniques of bariatric and metabolic surgery W.J. Lee
- 13.00 **LUNCH**

### EXPERIMENTAL LABORATORY - Hands' on session on Live Tissues

- 14.00 Pre-lab session : description of the surgical procedures
- 14.15 **DAY 4** **All faculty**  
 Intra-gastric surgery  
 Roux-en-y gastric bypass  
 Partial - total gastrectomy
- 18.30 End of the session

## FRIDAY June 28<sup>th</sup> - 2019

- 07.00 **FACULTY SHUTTLE BUS** : Hotel Taichung to IRCAD Taiwan  
 07.15 **PARTICIPANTS SHUTTLE BUS** : Hotel Taichung to IRCAD Taiwan

### LIVE SURGERY

- 09.00 **Colorectal Surgery**  
 LIVE OPERATIVE DEMONSTRATION from Taiwan  
 "case to be confirmed" *A. Melani*
- 10.30 **BREAK**

### DIDACTIC SESSION

- 10.45 **Colorectal Surgery**  
 Technique - tips and tricks for : *D. Mutter*  
 \* right colectomy  
 \* left colectomy  
 TME for rectal cancer *A. Melani*  
 Transanal approach *A. Melani*  
 Management of intraoperative complications *D. Mutter*
- 11.45 **Foregut Surgery** *B. Dallemagne*  
 Surgery for GERD and hiatal hernia  
 Achalasia
- 12.30 **Splenic Surgery** *D. Mutter*
- 13.00 **Proficiency Test** *B. Dallemagne - D. Mutter*  
 (for surgeons applying for Strasbourg University Diploma)  
 Multiple choice questions
- 13.45 **LUNCH**

### DIDACTIC SESSION

- 14.15 **Pancreatic Surgery** *B. Dallemagne*

### INTERACTIVE SESSION

- 14.45 **Clinical Cases** *B. Dallemagne - D. Mutter - Show Chwan*  
 Interactive session with response system *Hospital faculty*
- 16.00 End of the seminar  
 Delivery of the certificates of attendance