

# PROGRAM

## INTENSIVE COURSE IN LAPAROSCOPIC GENERAL SURGERY

OCTOBER 2 - 5, 2017

ASIA IRCAD - TAIWAN



### CHAIRMAN

**MH. Huang**

Show Chwan Memorial Hospital  
Changhua, Taiwan

### PRESIDENT

**Jacques Marescaux**

President, IRCAD  
University of Strasbourg, France

### DIRECTOR

**Hung-Sheng Wu**

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

### FACULTY

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**Shu-Hung CHUANG (Taiwan)**

**Bernard DALLEMAGNE (France)**

**Antonio D'URSO (France)** - *videoconference*

**Wayne HUANG (Taiwan)**

**Wei-Chieh LEE (Taiwan)**

**Yueh-Tsung LEE (Taiwan)**

**Chung-Wei LIN (Taiwan)**

**Jacques MARESCAUX (France)**

**Armando MELANI (Brazil)**

**Paolo MICCOLI (Italy)**

**Yogesh MISHRA (India)**

**Didier MUTTER (France)** - *videoconference*

**C.D. NARAYANAN (India)**

**Aung Myint OO (Singapore)**

**Jungle WU (Taiwan)**

**Han-Kwang YANG (Korea)**

V.12/09/2017

## MONDAY OCTOBER 2 - 2017

- 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 - H.S. Wu*

### DIDACTIC SESSION

- 09.05 **Laparoscopic Operating Room** *B. Dallemagne*
- 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 (videoconference from Strasbourg)*
- Laparoscopy in peritonitis
  - Appendicitis
  - Gastric perforation
  - Diverticulitis
- 13.00 **LUNCH**
- 13.40 Visit of the Show Chwan Memorial Hospital

### EXPERIMENTAL LABORATORY - Hands' 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**
- Group A : Laparoscopic suture training** *W. Huang*
- ❖ 14.15-15.00 in auditorium : basics and demo
  - ❖ 15.00-18.30 in experimental lab :
    - Evaluation of skills
    - Pelvic trainers : dry boxes and ex-vivo tissues
- Group B : Training on Live Tissue in experimental lab** *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 OCTOBER 3 - 2017

- 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**
- **PRE-RECORDED OPERATIVE DEMONSTRATION** *J. Wu*  
 "Trans Abdominal Pre Peritoneal (TAPP) technique"
  - **LIVE OR PRE-RECORDED OPERATIVE DEMONSTRATION** *B. Dallemagne*  
 "Totally Extra Peritoneal (TEP) technique"
- 20' • Laparoscopic TEP inguinal hernioplasty – the Lateral port approach *Y. Mishra*

### DIDACTIC SESSION

- Role of laparoscopy in specific clinical conditions: recurrent hernia, strangulated hernia *A.M. Oo*
- 11.00 **BREAK**
- 11.30 **Hiatal Hernia** *B. Dallemagne*
- 12.15 **Incisional and Ventral Hernia**
- Basic and advanced techniques : mesh repair, suture repair, component separation repair ... *C.D. Narayanan*
- 13.00 **LUNCH**

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

- 14.00 Pre-lab session : description of the surgical procedures *E. Nuhiji*
- 14.15 **DAY 2** **All faculty**
- ❖ Inguinal hernia repair (TAPP)
  - ❖ Gastro-jejunostomy
  - ❖ Hiatal repair and fundoplication
  - ❖ Dissection of the common bile duct and liver pedicle
  - ❖ Cholecystectomy
- 18.30 End of the session

## WEDNESDAY OCTOBER 4 - 2017

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

### DIDACTIC SESSION

- 08.30 **Next Step in Minimally Invasive Surgery : Image-guided approach** *J. Marescaux*
- 09.00 **Endocrine Surgery**  
 • ***Thyroid and parathyroid glands*** : from mini-incisions to transoral and robotic approaches *P. Miccoli*
- 10.00 **BREAK**
- Gastric Surgery**  
 10.00-10.45 • Gastrectomy for cancer *H.K. Yang*  
 10.45-11.00 • Laparoscopic surgery for gastric submucosal tumor *Y.T. Lee*
- 11.00 **Laparoscopic Biliary Surgery**  
 • ***Cholecystectomy*** *B. Dallemagne*  
 ○ Basic principles and techniques in common and complex situations  
 ○ Acute cholecystitis *W. Huang*  
 • ***Bile Duct*** *B. Dallemagne*  
 ○ Current role of surgery *S.H. Chuang*  
 ○ One-stage versus two-stage management for gallstones and bile duct stones
- 12.00 **Bariatric and metabolic surgery** *W.J. Lee*  
 • Rationale and techniques of bariatric and metabolic surgery
- 13.00 **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
- 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

## THURSDAY OCTOBER 5 - 2017

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

### LIVE SURGERY

- 08.30 **Colorectal surgery** *A. Melani*
- LIVE OPERATIVE DEMONSTRATION from Taiwan  
 “colorectal case”
- 10.00-10.30 **BREAK**

### DIDACTIC SESSION

- 10.30-11.30 **Colorectal Surgery** *A. Melani*
- Basic principles of laparoscopic right and left colectomy
  - TME for rectal cancer
  - Transanal approach
  - How to prevent and manage complications
- 11.30-12.15 **Laparoscopic Hepatic Surgery: an overview** *C.W. Lin*
- 12.15-13.00 **Foregut Surgery** *B. Dallemagne*
- Antireflux procedures for GERD
  - Achalasia
- 13.00 **Proficiency Test** *B. Dallemagne*  
 (for surgeons applying for Strasbourg University Diploma)  
 Multiple choice questions
- 13.30 **LUNCH**

### DIDACTIC SESSION

- 14.00-14.30 **Splenic Surgery** *A. D’Urso*  
(videoconference from Strasbourg)
- 14.30-15.00 **Pancreatic Surgery** *B. Dallemagne*

### INTERACTIVE SESSION

- 15.00-16.15 **Clinical Cases** *B. Dallemagne & local faculty*  
 Interactive session with response system
- 16.30 End of the seminar  
 Delivery of the certificates of attendance