

# DRAFT-PROGRAM

## INTENSIVE COURSE IN LAPAROSCOPIC GENERAL SURGERY

JUNE 19 - 23, 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)**

**Nilesh H. DOCTOR (India)**

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

**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) - videoconference**

**Paolo MICCOLI (Italy)**

**Didier MUTTER (France) - videoconference**

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

**Chung Ngai TANG (Hong Kong) - videoconference**

**Michel VIX (France) - videoconference**

**Hon Phin WONG (Taiwan)**

**Jungle WU (Taiwan)**

V. 26/04/2017

## MONDAY JUNE 19 - 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**
- Laparoscopy in peritonitis *D. Mutter (videoconference from Strasbourg)*
  - Appendicitis
  - Gastric perforation
  - Diverticulitis
  - Acute cholecystitis *H.P. Wong*
- 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
- 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

## TUESDAY JUNE 20 - 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"

### DIDACTIC SESSION

- Role of laparoscopy in specific clinical conditions: recurrent hernia, strangulated hernia *B. Dallemagne*
- 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
- 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 JUNE 21 - 2017

- 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  
 • **Bile Duct**  
 ◦ Current role of surgery *B. Dallemagne*  
 ◦ One-stage versus two-stage management for gallstones and bile duct stones *S.H. Chuang*  
 ◦ Management of bile duct injury *N.H. Doctor*
- 12.15 **Bariatric and metabolic surgery** *W.J. Lee*  
 • Rationale and techniques of bariatric and metabolic surgery
- 13.00 **Endocrine Surgery**  
 • **Adrenalectomy**: indications and approaches, technical tips and tricks *M. Vix*  
*(videoconference from Strasbourg)*
- 13.30 **LUNCH**

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

- 14.15 Pre-lab session : description of the surgical procedures
- 14.30 **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 JUNE 22 - 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 • LIVE OPERATIVE DEMONSTRATION  
 "Robotic case to be confirmed" *C.N. Tang*  
*(LIVE from Hong Kong)*
- 10.00 • PRE-RECORDED OPERATIVE DEMONSTRATION  
 "Antireflux Surgery" *B. Dallemagne*
- 10.45-11.15 **BREAK**

### DIDACTIC SESSION

- Gastric Cancer**
- 11.15-11.40 • Total gastrectomy for cancer *S.W. Lee*  
 11.40-12.00 • Modern strategy in esophago-gastric junction cancer *S.W. Lee*  
 12.00-12.15 • Laparoscopic surgery for gastric submucosal tumor *Y.T. Lee*
- Foregut Surgery**
- 12.15-13.15 • Antireflux procedures for GERD *B. Dallemagne*  
 • Achalasia
- 13.15 **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 23 - 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 **Colorectal Surgery** *A. Melani*  
*(videoconference from Brazil)*
- Basic principles of laparoscopic right and left colectomy
  - TME for rectal cancer
  - Transanal approach
  - How to prevent and manage complications
  - Pre-recorded cases

10.30-11.00 **BREAK**

### DIDACTIC SESSION

- 11.00-12.00 **Laparoscopic Hepatic Surgery: an overview** *C.W. Lin*
- 12.00 **Proficiency Test** *B. Dallemagne*  
(for surgeons applying for Strasbourg University Diploma)  
Multiple choice questions
- 12.30 **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