

# PROGRAM

ASIA IRCAD – TAIWAN

## INTENSIVE COURSE IN LAPAROSCOPIC GENERAL SURGERY

MARCH 09- 13, 2026



**Medtronic**  
Engineering the extraordinary

### CHAIRMAN

黃明和 Min-Ho HUANG

President, IRCAD Taiwan/AITS  
Show Chwan Memorial Hospital,  
Changhua, Taiwan

### PRESIDENT

Jacques MARESCAUX

President, IRCAD/EITS  
University Hospital of Strasbourg,  
France

### DEAN

黃士維 Wayne Shih-Wei HUANG

Dean, IRCAD Taiwan/AITS  
Show Chwan Memorial Hospital,  
Changhua, Taiwan

### OBJECTIVES

Provide Participants with essential knowledge for Clinical Laparoscopic Applications

- **Fundamental principles:** overview of instruments, materials and equipment along with key laparoscopic techniques
- **Hands-on training:** practical sessions to learn or improve skills in:
  - intra-corporeal suturing and knot tying
  - two-handed coordination for manipulation and dissection
  - safe use of energy and laparoscopic staplers, clips...
- **Outcome and Complication:** discussion of expected results and potential complications of laparoscopic procedures

### EDUCATIONAL METHODS

- Interactive didactic and video sessions between faculty and participants
- Live & pre-recorded operative demonstrations
- Supervised hands on training sessions on ex-vivo and live animal models
- Objective assessment of technical skills (OSATS)

## INVITED INTERNATIONAL FACULTY

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-  Jacques MARESCAUX (France)
-  Tran Binh Giang (Vietnam)
-  Woo Jin HYUNG (Korea)
-  Adeodatus Yuda Handaya (Indonesia)
-  Miguel MENDOZA (Philippines)
-  Catherine Sia Cheng TEH (Philippines)
-  David Lomanto (Italy)
-  Kohei MISHIMA (Japan)
-  Philip Wai Yan CHIU (Hong Kong)

## INVITED TAIWAN FACULTY

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### 秀傳醫療體系

-  黃士維 (Wayne) Shih-Wei HUANG
-  林忠聰 (Charles) Chung-Wei LIN
-  吳鴻昇 (James) Hurng-Sheng WU
-  林建華 (Michael) Chien-Hua LIN
-  歐金俊 Jing-Jim OU
-  李威傑 Wei-Jei LEE
-  陳自諒 (William) Tzu-Liang CHEN – 中國醫藥大學附設醫院新竹分院
-  陳建志 Peter Chien-Chih CHEN – 和信治癌中心醫院
-  曾展緯 (William) Chan-Wei TSENG
-  雷浩然 Hao-Jan LEI – 臺北榮民總醫院
-  施沐姍 (Sandy) Mu-Shan SHIH – 萬芳醫院

# Day 1 – Monday, March 9<sup>th</sup>, 2026

08.00 am Faculty & Participant Shuttlebus from Lugang UNION HOUSE Hotel to IRCAD-Taiwan

**08.30 am Registration & Take Photo for Course Booklet**

## THEORETICAL SESSION – 1F Auditorium

**09.00 am Welcome to participants  
& Pre-course evaluation w/voting system**

09.15-09.45 **Getting started in laparoscopic surgery: principles, skills and safe practice** C. TEH

- ⊕ Review of the techniques of access to the peritoneal cavity
- ⊕ Trocar characteristics, risks, safe manipulation and positioning
- ⊕ Skills requirements for performing basic procedures safely

09.50-10.20 **Laparoscopic Suturing, Sewing, Knot Tying** 黃士維 W. HUANG

10.20-10.50 Coffee Break (1F Cafeteria)  
– Registration for University Diploma at Reception Desk

## EXPERIMENTAL SESSION (Suture – Dry Lab) – 3F Laboratory

10.50-11.10 **Pre-Test**  
Perform suture tying: 3 knots

11.10-13.10 **Lab Demonstration**  
Hands-On Session on **Dry Box – Pad**

### **Training Procedures:**

- ⊕ Picking up of needle
- ⊕ Adjustment of needle angles
- ⊕ Driving through the needles right hand / left hand
- ⊕ Pulley method
- ⊕ Knot tying
- ⊕ Right hand only rotation
- ⊕ Proper tightening of knot
- ⊕ Continuous knot formation

13.10-14.10 Lunch (1F Cafeteria)

## EXPERIMENTAL SESSION (Suture – Dry Lab) – 3F Laboratory

### 14.10-18.10 Hands-On Session on **Ex-vivo Tissue**

#### **Training Procedures:**

- Closure of Gastrostomy
- Gastrojejunostomy
- Jejunojejunostomy

18.10 pm      End of session  
Evaluation of the day at reception desk (1F)

18.20 pm      Participant Shuttlebus from IRCAD-Taiwan to Hotel

## Day 2 – Tuesday, March 10<sup>th</sup>, 2026

08.00 am Faculty & Participant Shuttlebus from Lugang UNION HOUSE Hotel to IRCAD-Taiwan

### THEORETICAL SESSION – 1F Auditorium

08.30-09.00 How Artificial Intelligence will revolutionize Minimally Invasive Surgery? J. MARESCAUX

### LIVE SURGERY – 1F Auditorium

09.00-10.30 **LIVE OR PRE-RECORDED OPERATIVE DEMONSTRATIONS** 黃士維 W. HUANG  
(Inguinal Hernia / ICG Cholecystectomy)

10.30-11.00 Coffee Break (1F Cafeteria)

### THEORETICAL SESSION – 1F Auditorium

#### Laparoscopic Hernia Repair

11.00-11.25 Rationale of the laparoscopic approach (TAPP, TEP) B. DALLEMAGNE  
11.30-11.55 Repair in complex situations; strangulated and irreducible hernias

#### Biliary Surgery

12.00-12.40 Basic principles of laparoscopic cholecystectomy: critical view of safety and bailout procedures C. TEH  
12.45-13.15 Laparoscopic management of CBD stones M. MENDOZA

13.15-14.00 Lunch (1F Cafeteria)  
– Last day to register for University Diploma at Reception Desk

### PRE-LAB SESSION – 1F Auditorium

14.00-14:15 **PRE-LAB SESSION IN AUDITORIUM**

- Description of the lab rules
- Anatomy of the animal
- Surgical procedures

## EXPERIMENTAL SESSION (Live Tissue) – 3F Laboratory

14.15-19.15 Hands-On Session on **Live Tissue**

### OSATS – Technical Skills Evaluation (Initial)

#### **Training Procedures:**

- TAPP inguinal hernia repair
- Small bowel resection and anastomoses
- Cholecystectomy
- CBD exploration
- T-tube placement

19.15

End of Session

Participant Shuttlebus from IRCAD-Taiwan to Hotel

# Day 3 – Wednesday, March 11<sup>th</sup>, 2026

08.00 am Faculty & Participant Shuttlebus from Lugang UNION HOUSE Hotel to IRCAD-Taiwan

## THEORETICAL SESSION – 1F Auditorium

08.30-09.10 Laparoscopic Surgery for Abdominal Emergencies

Chairmen:

TBD

- ✚ Acute appendicitis
- ✚ Bowel, gastric perforation

## LIVE SURGERY – 1F Auditorium

09.10-10.40 LIVE OR PRE-RECORDED OPERATIVE DEMONSTRATIONS

林忠葦 C. LIN

Liver / Stomach / Bariatric Surgery

W. J. HYUNG

10.40-11.00 Coffee Break (1F Cafeteria)

### Foregut Surgery

11.00-11.40 Esophageal Motility disorders:

趙偉仁 P. CHIU

- ✚ GED & Hiatal Hernia
- ✚ Achalasia

11.45-12.25 Gastrectomy Cancer

W. J. HYUNG

- ✚ Total and Partial Gastrectomy

12.25-13.25 LUNCH (1F Cafeteria)

## PRE-LAB SESSION – 1F Auditorium

13.25-13.40 PRE-LAB SESSION IN AUDITORIUM

- ✚ Description of the surgical procedures

## EXPERIMENTAL SESSION (Porcine) – 3F Laboratory

13.40-18.40 Hands-On Session on **Live Tissue**

### Training Procedures:

- ✚ Gastrojejunostomy-Stapling
- ✚ Fundoplication
- ✚ Gastrectomy
- ✚ Splenectomy

18.40 End of session

Evaluation of the day at reception desk (1F)

18.50 Faculty & Participant Shuttlebus from IRCAD-Taiwan to Congress Dinner

## Day 4 - Thursday, March 12<sup>th</sup>, 2026

08.00 am Faculty & Participant Shuttlebus from Lugang UNION HOUSE Hotel to IRCAD-Taiwan

### THEORETICAL SESSION – 1F Auditorium

Chairmen: 王煥昇 & 陳建志 P. CHEN

08.30-08.55 Innovation and Entrepreneurship in Surgery

黃士維 W. HUANG

### LIVE SURGERY – 1F Auditorium

08.55-11.00 LIVE OR PRE-RECORDED OPERATIVE DEMONSTRATIONS 歐金俊 Jing-Jim OU

Laparoscopic Colorectal Surgery

11.00-11.30 Coffee Break (1F Cafeteria)

### THEORETICAL SESSION – 1F Auditorium

#### Colorectal Surgery

11.30-12.10  Laparoscopic Right and Left colectomy, TME

陳自諒 W. CHEN

12.15-13.05  Transanal and Robotic TME

陳建志 P. CHEN

13.05-13.50 Lunch (1F Cafeteria)

### PRE-LAB SESSION – 1F Auditorium

13.50-14.10 Pre-Lab

### EXPERIMENTAL SESSION (Porcine) – 3F Laboratory

14.10-18.30 Hands-On Session on Live Tissue

**OSATS – Technical Skills Evaluation (Final)**

#### Training Procedures \*:

-  Gastrectomy
-  Gastrojejunostomy
-  Partial liver resection
-  Dissection of the hepatic hilum
-  Small bowel resection & anastomose

18.30 End of session

Evaluation of the day at reception desk (1F)

# Day 5 - Friday, March 13<sup>th</sup>, 2026

08.00 am Faculty & Participant Shuttlebus from Lugang UNION HOUSE Hotel to IRCAD-Taiwan

## THEORETICAL SESSION – 1F Auditorium

08.30-09.00 **State-of-the-art: Bariatric and Metabolic Surgery** 李威傑 W. LEE

## LIVE SURGERY – 1F Auditorium

09.00-10.30 **LIVE OR PRE-RECORDED OPERATIVE DEMONSTRATIONS**  
(cases to be determined)

10.30-11.00 Coffee Break (1F Cafeteria)

## THEORETICAL SESSION – 1F Auditorium

### **Laparoscopic approach to Solid and Endocrine organs**

11.00-11.25  HBP surgery: from atypical to extended resection C. TEH  
11.30-11.55  Splenic Surgery: from preservation to resection techniques TBD

### **Pancreatic Surgery**

 Enucleation and distal pancreatectomy TBD

12.25-13.25 Lunch (1F Cafeteria)

## EXPERIMENTAL SESSION – 3F Laboratory

13.25-14.00 **Post-Test**  
Perform suture tying: 3 knots

## THEORETICAL SESSION – 1F Auditorium

14.10-14.40 **Closing Lecture : THE FUTURE OF SURGERY IS FLEXIBLE** S. PERRETTA

14.40 pm End of the course  
Evaluation of the day  
Delivery of certificate of attendance  
Strasbourg University Diplomas for successful candidates will be mailed directly by France

14.50 pm Participant & Faculty Shuttlebus from IRCAD-Taiwan to Hotel & Taichung HSR Station

# 彰濱秀傳醫療園區地圖

## Map of Chang Bing Show Chwan Health Park



No. 6, Lugong Road, Lukang Township, Changhua County, 505 / 彰化縣鹿港鎮鹿工路6號

Restaurant 餐廳 :	Tel 電話 :	Address 地址 :
LeeLi's	+886-4-777-1822	鹿港鎮興化街 40-1 號
海味珍海鮮餐廳 Hai Wei Zhen Seafood	+886-4-778-6442	鹿港鎮鹿東路二段 173 號
木生海鮮會館 Mu Sheng Seafood	+886-4-776-4072	鹿港鎮自由路 77 號
王罔麵線糊 Wang Wang Noodle Paste	+886-958-629-960	鹿港鎮民族路 268 號
永香民俗小吃 Yong Xiang Taiwan Snack	+886-4-778-7464	鹿港鎮金門巷 55 號
掬翠拾煙蔬食創作料理 (素) Ju Cui Shi Yan (Vegetarian)	+886-4-778-9112	鹿港鎮金盛巷 10 號
勝豐吧 Sheng Feng Bar	+886-958-336- 211	鹿港鎮民族路 131 號

## NOTE

This program is subject to modification.