

PROGRAM

ASIA IRCAD – TAIWAN

INTENSIVE COURSE IN LAPAROSCOPIC GENERAL SURGERY

MARCH 09- 13, 2026



CHAIRMAN

黃明和 Min-Ho HUANG

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

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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)

ONLINE FACULTY

✚ Jacques MARESCAUX (France)

INVITED INTERNATIONAL FACULTY

✚ Michel VIX (France)

✚ Paolo MICCOLI (Italy)

✚ Woo Jin HYUNG (Korea)

✚ Shanker PASUPATHY (Singapore)

✚ Neng Wei WONG (Singapore)

✚ Tay Kon Voi (Singapore)

✚ Ian WONG (Hong Kong)

✚ Miguel MENDOZA (Philippines)

✚ Catherine Sia Cheng TEH (Philippines)

✚ Tran Binh GIANG (Vietnam)

✚ Yusuke WATANABE (Japan)

✚ Kohei MISHIMA (Japan)

✚ Mariko MAN-I (Japan)

INVITED TAIWAN FACULTY

秀傳醫療體系

✚ 黃士維 (Wayne) Shih-Wei HUANG

✚ 林忠葦 (Charles) Chung-Wei LIN

✚ 吳鴻昇 (James) Hurng-Sheng WU

✚ 林建華 (Michael) Chien-Hua LIN

✚ 歐金俊 Jing-Jim OU

✚ 王煥昇 Huann-Sheng WANG

✚ 李威傑 Wei-Jei LEE – 中國醫藥大學附設醫院新竹分院

✚ 陳自諒 (William) Tzu-Liang CHEN – 中國醫藥大學附設醫院新竹分院

✚ 雷浩然 Hao-Jan LEI – 臺北榮民總醫院

✚ 陳建志 (Peter) Chien-Chih CHEN – 和信治癌中心醫院

✚ 謝慶隆 Ching-Lung HSIEH – 中山醫藥大學附設醫院

✚ 趙頌慈 Chong Chi CHIU – 義大癌治療醫院

✚ 施沐姍 (Sandy) Mu-Shan SHIH – 萬芳醫院

Day 1 – Monday, March 9th, 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

Moderator: 黃士維 W. HUANG & M. VIX & C. TEH

**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** M. VIX

- ✚ The techniques of access to the peritoneal cavity
- ✚ Trocar characteristics, risks, safe manipulation and positioning
- ✚ Skills requirements for performing basic procedures safely
- ✚ Insufflator: The principles of pneumoperitoneum

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

10.20-10.50 Coffee Break (1F Cafeteria)

PRE-LAB – 1F Auditorium

10.50-11.10 **PRE-LAB SESSION IN AUDITORIUM** M. VIX

- ✚ Description of the lab rules

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

11.10-11.30 **Pre-Test**
Perform suture tying: Suture & 3 square knots

11.30-13.30 **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

13.30-14.25 Lunch (1F Cafeteria)

This program is subject to modification.

THEORETICAL SESSION – 1F Auditorium

Moderator: 黃士維 W. HUANG & M. VIX & C. TEH

- 14.30-15.00 (France @ 07.30 AM - 08.00 AM) J. MARESCAUX
How Artificial Intelligence will revolutionize Minimally Invasive (Video Conference)
Surgery?
- 15.00-15.30 **Key Equipment for Laparoscopic Surgery** Y. WATANABE
✚ Electrosurgical devices
✚ Ultrasonic shears

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

15.40-17.40 Hands-On Session on **Ex-vivo Tissue****Training Procedures:**

- ✚ Closure of Gastrostomy
- ✚ Gastrojejunostomy
- ✚ Jejunojejunostomy

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

Day 2 – Tuesday, March 10th, 2026

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

THEORETICAL SESSION – 1F Auditorium

Moderator: Michel VIX & M. MENDOZA & C. TEH

08.30-09.00 **Biliary Surgery**

C. TEH

- ✚ Basic principles of laparoscopic cholecystectomy: critical view of safety and bailout procedures

LIVE SURGERY – 1F Auditorium

09.00-10.30 **LIVE OR PRE-RECORDED OPERATIVE DEMONSTRATIONS**
(Inguinal Hernia / ICG Cholecystectomy)

林建華 M. LIN

10.30-11.00 Coffee Break (1F Cafeteria)

THEORETICAL SESSION – 1F Auditorium

11.00-11.40 **Laparoscopic Hernia Repair**

黃士維 W. HUANG

- ✚ Rationale of the laparoscopic approach (TAPP)
- ✚ Repair in complex situations; strangulated and irreducible hernias
- ✚ Abdominal wall repair: Ventral and incisional hernia

11.45-12.15 **Biliary Surgery**

- ✚ Laparoscopic management of CBD stones

M. MENDOZA

12.20-13.20 Lunch & Group Photo (1F Cafeteria)

PRE-LAB SESSION – 1F Auditorium

13.20-13:40 **PRE-LAB SESSION IN AUDITORIUM**

M. VIX

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

EXPERIMENTAL SESSION (Live Tissue) – 3F Laboratory

14.00-18.00 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

18.00 End of Session

Day 3 – Wednesday, March 11th, 2026

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

THEORETICAL SESSION – 1F Auditorium

Moderator: M. VIX & W. HYUNG & Y. WATANABE

08.30-09.10	<u>Laparoscopic Surgery for Abdominal Emergencies</u>	T. GIANG
	✚ Acute appendicitis	
	✚ Bowel, gastric perforation	
	✚ Bowel obstruction	
	✚ Acute cholecystitis	

LIVE SURGERY – 1F Auditorium

09.10-10.40	<u>LIVE OR PRE-RECORDED OPERATIVE DEMONSTRATIONS</u>	林忠韋 C. LIN
	Liver / Stomach / Bariatric Surgery	

10.40-11.00 Coffee Break (1F Cafeteria)

11.00-11.40	<u>Foregut Surgery</u> <u>Esophageal Motility disorders:</u>	I. WONG
	✚ GERD & Hiatal Hernia	
	✚ Achalasia	

11.45-12.25	<u>Gastric Cancer Surgery</u>	W. HYUNG
	✚ Distal Gastrectomy	
	✚ Total Gastrectomy	
	✚ Tips and Tricks of anastomosis	

12.25-13.25 Lunch (1F Cafeteria)

PRE-LAB SESSION – 1F Auditorium

13.30-13.50	<u>PRE-LAB SESSION IN AUDITORIUM</u>	M. VIX
	✚ Description of the surgical procedures	

EXPERIMENTAL SESSION (Porcine) – 3F Laboratory

14.00-18.00 Hands-On Session on **Live Tissue**

Training Procedures:

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

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

Day 4 - Thursday, March 12th, 2026

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

THEORETICAL SESSION – 1F Auditorium

Moderator: M. MENDOZA & 王煥昇 H. WANG & 陳建志 P. CHEN

08.30-08.55 Innovation and Entrepreneurship in Surgery 黃士維 W. HUANG

LIVE SURGERY – 1F Auditorium

09.00-11.00 **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

11.30-11.55  Laparoscopic Right and Left colectomy, TME 陳自諒 W. CHEN

12.00-12.25  Transanal and Robotic TME 陳建志 P. CHEN

12.30-13.30 Lunch & Group Photo @ 1F Auditorium

PRE-LAB SESSION – 1F Auditorium

13.30-13.50 **PRE-LAB SESSION IN AUDITORIUM** M. VIX
 Description of the Surgical procedures

EXPERIMENTAL SESSION (Porcine) – 3F Laboratory

14.00-18.00 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

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

Day 5 - Friday, March 13th, 2026

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

EXPERIMENTAL SESSION – 3F Laboratory

08.30-09.00 **Post-Test**
Suture & 3 square knots

LIVE SURGERY – 1F Auditorium

09.00-10.00 **LIVE OR PRE-RECORDED OPERATIVE DEMONSTRATIONS**
(cases to be determined)

10.00-10.30 Coffee Break (1F Cafeteria)

THEORETICAL SESSION – 1F Auditorium

10.30-11.00 **State-of-the-art: Bariatric and Metabolic Surgery** Moderator: M. VIX & 李威傑 W. LEE & C. TEH
M. VIX

11.05-11.35 **From Bariatric Surgery to Obesity Treatment** 李威傑 W. LEE

11.40-12.10 **Thyroid Surgery** P. MICCOLI

12.10-13.10 Lunch (1F Cafeteria)

THEORETICAL SESSION – 1F Auditorium

13.10-13.40 **Laparoscopic approach to Solid and Endocrine organs** Moderator: M. VIX & 李威傑 W. LEE & C. TEH
✚ HBP surgery: How to start? From small to extended resection C. TEH

13.45-14.15 **How to get the best from open access tools for collecting, and sharing your research sources** P. MICCOLI

14.20 pm End of the course
Evaluation of the day & Delivery of certificate of attendance

14.20 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



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