

# PROGRAM

*ASIA IRCAD – TAIWAN*

## *INTENSIVE COURSE ON LAPAROSCOPIC SUTURING AND LIVE ANIMAL WORKSHOP*

*JUNE 21 - 22, 2025*



**Medtronic**  
Engineering the extraordinary

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### *VICE DEAN*

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*Vice Dean, IRCAD Taiwan/AITS  
Show Chwan Memorial Hospital,  
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## **OBJECTIVES**

- To safely introduce and pick up a 3/8ths curved needle in an appropriate position to make a bite through tissue
- To handle the needle to quickly adjust to desired angles
- To pass a needle and suture through tissues at suitable depth, angle, and distance for interrupted and continuous suturing
- To tie a safe laparoscopic surgeon's knot
- To create a laparoscopic tumbled square knot
- To demonstrate continuous suturing, maintaining tension and completing the suture line safely.
- To be able to apply the techniques to various clinical situations, such as bariatric surgery, hepato-pancreato-biliary surgery, or colorectal surgery
- To gain experience in live animal general laparoscopic procedures

## EDUCATIONAL METHODS

- Interactive theoretical and video sessions between faculty & course participants
- Step-by-step procedural lab sessions
- Dry & animal lab

### INFO 相關資訊：

<b>課程負責人 Course Manager</b>	<b>許怡蓓 Olga 0958-613-120</b>
Location	彰濱秀傳亞洲遠距微創手術中心 IRCAD-Taiwan (Asian Institute of TeleSurgery)
Address	505 彰化縣鹿港鎮鹿工路 6-1 號 No. 6-1, Lugong Rd., Lukang Township, Changhua County, 505
Tel	+886-4-781-2988
<b>特約飯店 Hotel</b>	<b>鹿港永樂酒店 UNION HOUSE Lukang</b>
Address	505 彰化縣鹿港鎮三民路 152 號 No. 152, Sanmin Road, Lukang Township, Changhua County, 505
Tel	Tel: +886-4-776-2999
<b>特約飯店 Hotel</b>	<b>樂活紓壓俱樂部 LOHAS RELAXING CLUB Lukang</b>
Address	505 彰化縣鹿港鎮鹿工路 6 號 (彰濱秀傳心理健康大樓 2F) 2F, No. 6-2, Lugong Road, Lukang Township, Changhua County, 505 (Chang Bing Show Chwan Memorial Hospital, Mental Health Building 2F)
Tel	+886-4-781-1163

# INTENSIVE COURSE ON LAPAROSCOPIC SUTURING AND LIVE ANIMAL WORKSHOP JUNE 21 - 22, 2024

交通車時刻表 Shuttlebus Time Schedule	
出發時間 Departure Time	路線 Route
<b>Day 1: June 21 (星期六 Saturday)</b>	
<b>07.40</b>	鹿港永樂酒店 → 彰濱秀傳微創手術中心 Union House Lukang → IRCAD-Taiwan
<b>17.30</b>	彰濱秀傳微創手術中心 → 大會晚宴 IRCAD-Taiwan → Congress Dinner
<b>20.00</b>	大會晚宴 → 鹿港永樂酒店 → 樂活紓壓俱樂部 Congress Dinner → Union House Lukang → Lohas Relaxing Club Lukang
<b>Day 2: June 22 (星期日 Sunday)</b>	
<b>07.50</b>	鹿港永樂酒店 → 彰濱秀傳微創手術中心 Union House Lukang → IRCAD-Taiwan
<b>17.20</b>	彰濱秀傳微創手術中心 → 鹿港永樂酒店 → 高鐵台中站 IRCAD-Taiwan → Union House Lukang → Taichung HSR Station

\*如需放置行李，櫃台後方設有行李間，請當日退房後帶至中心。

Luggage storage is available at IRCAD-Taiwan. You may bring your luggage to IRCAD after check-out.

\* 自行開車者，可將車輛停放於醫院內停車格，於課程結束後至櫃檯領取免費停車卷。

Parking lot is available next to IRCAD-Taiwan, please kindly collect parking ticket from our front desk.

\* 需要計程車接送者，請提前告知我們工作人員，方便為您安排。

If taxi is needed, please let us know ahead of time.

# Day 1 - Saturday, June 21<sup>st</sup>, 2025

07.40 am Faculty & Participant Shuttlebus from Hotel to IRCAD-Taiwan

08.00 am Registration

## THEORETICAL SESSION – 1F Auditorium

08.20 am Welcome to Participants & Introduction of the Faculties

黃士維 W. HUANG

Chairmen: .

08.30-08.50 How To Practice for Efficient Training for Laparoscopic Suturing (20min)

08.50-09.10 Ergonomics and instruments (20min)

09.10-09.20 Needle loading and angle manipulation (10min)

09.20-09.40 Basic structure and geometry of surgical knot (20min)

09.40-09.50 Knot tying Technique (10min)

09.50-10.10 Suturing in HPB Surgery (20min)

10.10-10.30 **PRE-LAB SESSION IN AUDITORIUM**

黃士維 W. HUANG

10.30-11.00 Coffee Break (1F Cafeteria)

## EXPERIMENTAL SESSION (Option B: Suture - Dry) – 3F Laboratory


11.00-13.00 Hands-On Session on Dry Box – Pad (2 hours): One participant per station

### Training Procedures:

- ✚ Warm up
- ✚ Picking up of needle
  - Press-down technique
  - Lift string technique
  - Pronation technique
- ✚ Adjustment of needle angles
- ✚ Driving through the needles
- ✚ Pull the needle
- ✚ Knot tying
  - Near short end
  - Make long end parallel to needle holder
  - Right hand only rotation
  - Proper tightening of knot
  - Continuous knot formation
- ✚ Slip knot
- ✚ Extracorporeal suture
- ✚ Continuous suture
- ✚ Left hand suture

This program is subject to modification.

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 Extreme wheel suture

13.00-14.00 Lunch (1F Cafeteria)

### **EXPERIMENTAL SESSION (Option B: Suture - Dry) – 3F Laboratory**

14.00-17.00 Hands-On Session on Ex-vivo Porcine Tissue (3 hours): Two participants per station

#### **Training Procedures:**

-  Gastrojejunostomy
-  Jejunojejunostomy
-  Laparoscopic stapling (GIA, EEA)
-  T-tube placement and suturing of CBD
-  Choledochojejunostomy
-  Pancreaticojejunostomy

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

17.30 pm Faculty & Participant Shuttlebus from IRCAD Taiwan to Congress Dinner

18.00 pm Congress Dinner

20.00 pm Faculty & Participants back from Congress Dinner to Hotel

# Day 2 – Sunday, June 22<sup>nd</sup>, 2025

07.50 am Faculty & Participant Shuttlebus from Hotel to IRCAD-Taiwan

08.15 am Registration

## THEORETICAL SESSION – 1F Auditorium

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08.30-08.50 Laparoscopic Suturing in Hernia Surgery (20min) .

08.50-09.10 Suturing in Bariatric surgery (20min) .

09.10-09.20 Extracorporeal/difficult suturing small space (10min) .

09.20-09.40 **PRE-LAB SESSION IN AUDITORIUM**

黃士維 W. HUANG

- ✚ Lab rules, demonstration of porcine anatomy, procedures to be performed

09.40-10.10 Coffee Break

## EXPERIMENTAL SESSION (Option B: Porcine) – 3F Laboratory

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10.10-12.40 Hands-On Session on Live Animal (2.5 hours): Two participant per station

- ✚ Cholecystectomy
- ✚ Small bowel resection and anastomosis
- ✚ Gastrojejunostomy
  
- ✚ Optional Procedures:
  - Nissen Fundoplication
  - Gastrectomy
  - Splenectomy

12.40-13.40 Lunch (1F Cafeteria)

## EXPERIMENTAL SESSION (Option B: Porcine) – 3F Laboratory

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13.40-16.40 Hands-On Session on Live Animal (3 hours): Two participant per station

- ✚ TAPP hernia repair
- ✚ Common Bile Duct Exploration and T-tube insertion
  
- ✚ Optional:
  - Dissection of Hepatic pedicle
  - Rouex-en-Y Hepaticojejunostomy
  - Nephrectomy

## CONCLUSION – 1F Auditorium

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16.40-17.00 🚦 Wrap Up  
 🚦 Evaluation of the day

17.00 pm End of the course  
 Delivery of certificate of attendance

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



Restaurant 餐廳	Tel 電話	Address 地址
LeeLi's	+886-4-777-1822	鹿港鎮興化街 40-1 號 No. 40-1, Xinghua St, Lukang
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 No. 173, Section 2, Ludong Rd, Lukang
木生海鮮會館 Mu Sheng Seafood	+886-4-776-4072	鹿港鎮自由路 77 號 No. 77, Ziyou Rd, Lukang
王罔麵線糊 Wang Wang Noodle Paste	+886-958-629-960	鹿港鎮民族路 268 號 No. 268, Minzu Rd, Lukang
永香民俗小吃 Yong Xiang Taiwan Snack	+886-4-778-7464	鹿港鎮金門巷 55 號 No. 55, Jinmen St., Lukang
勝豐吧 Sheng Feng Bar	+886-958-336- 211	鹿港鎮民族路 131 號 No. 131, Minzu Rd, Lukang

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