

# PROGRAM

ASIA IRCAD - TAIWAN

## THYROID ULTRASOUND-GUIDED RADIOFREQUENCY ABLATION (RFA) COURSE

JULY 10, 2026



**PRESIDENT**

**Jacques MARESCAUX**

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**COURSE DIRECTOR**

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*Show Chwan Memorial Hospital,  
Changhua, Taiwan*

**吳明勳 Ming-Hsun WU**

*National Taiwan University  
Hospital, Taipei, Taiwan*

### OBJECTIVES

1. To review current international guidelines and indications for thyroid radiofrequency ablation.  
介紹最新國際指引與共識，說明 RFA 在良性甲狀腺結節、復發性甲狀腺癌及特定低風險病灶中的適應症與限制。
2. To understand patient selection, pre-procedural evaluation, and ultrasound-based risk stratification.  
學習如何依據臨床評估、影像判讀及細胞學檢查選擇合適病人，包括 TI-RADS 分類與 FNA 的角色。
3. To demonstrate the technical principles and procedural steps of ultrasound-guided thyroid RFA.  
詳細介紹 RFA 操作技巧，包括 trans-isthmus approach、moving-shot technique、局部麻醉及術中監測。
4. To recognize potential complications and strategies for prevention and management.

- ✚ 討論 RFA 常見併發症 ( 如聲音沙啞、皮膚灼傷、血腫、神經傷害 ) 及其預防與處理方式。
- ✚ 5. To evaluate clinical outcomes, long-term efficacy, and the role of RFA within multidisciplinary thyroid care.
- ✚ 分析 RFA 在體積縮小率、症狀改善及長期追蹤中的效果，並探討其與手術及其他微創治療的整合應用。

## **EDUCATIONAL METHODS**

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- ✚ The course will include a combination of theoretical teaching, case-based discussions, and practical hands-on training.
- ✚ Interactive lectures covering indications, guidelines, and procedural techniques
- ✚ Live or recorded procedural demonstrations of ultrasound-guided thyroid RFA
- ✚ Case-based multidisciplinary discussions involving surgeons, radiologists, and endocrinologists
- ✚ Hands-on training sessions using ultrasound simulators or tissue models to practice needle positioning and ablation techniques
- ✚ Expert panel discussions addressing real-world clinical scenarios and complication management

## **TARGET AUDIENCE**

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- ✚ This course is designed for physicians and specialists involved in the diagnosis and treatment of thyroid diseases, including:
  - ✚ General Surgeons
  - ✚ Endocrine Surgeons
  - ✚ Otolaryngologists (ENT Surgeons)
- ✚ Radiologists / Interventional Radiologists
- ✚ Endocrinologists and Metabolism Specialists
- ✚ Physicians involved in thyroid imaging and minimally invasive therapies

## **INVITED INTERNATIONAL FACULTY**

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- ✚ Paolo MICCOLI (Italy)
- ✚ Gabriele MATERRAZZI (Italy)
- ✚ Enrico PAPINI (Italy)
- ✚ Quan-Yang DUH (USA)
- ✚ Angkoon ANUWONG (Thailand)
- ✚ Brian Hung-Hin LANG (Hong Kong)
- ✚ Nobuhiro FUKUNARI (Japan)

## **INVITED TAIWAN FACULTY**

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- ✚ 吳明勳 Ming-Hsun WU - 臺大醫院
- ✚ 郭庭鈞 Ting-Chun KUO - 臺大醫院
- ✚ 郭其毓 Chi-Yu KUO - 馬偕紀念醫院
- ✚ 蔡明霖 - 國泰綜合醫院
- ✚ 施銘朗 Ming-Lang SHIH - 三軍總醫院
- ✚ 伍希元 Si-Yuan WU - 三軍總醫院
- ✚ 黃嘉崙 Chia-Luen HUANG - 三軍總醫院
- ✚ 鄭凱倫 Kai-Lun CHENG - 中山醫學大學附設醫院
- ✚ 吳鴻昇 James Hurng-Sheng WU - 秀傳紀念醫院
- ✚ 黃士銘 Shih-Ming HUANG - 秀傳紀念醫院
- ✚ 李岳聰 Yueh-Tsung LEE - 秀傳紀念醫院
- ✚ 楊力衡 - 秀傳紀念醫院
- ✚ 劉高明 - 秀傳紀念醫院

# Day 1 - Friday, July 10th, 2026

09.15 am Faculty & Participant Shuttlebus from Hotel to IRCAD Taiwan


09.30 am Registration & Take Photo for Course Booklet

## MORNING

### LIVE SURGERY – 1F Auditorium

Chairman:

10.00-12.00 **LIVE OR PRE-RECORDED OPERATIVE DEMONSTRATIONS**

 (cases to be determined)

12.00-13.00 Lunch (1F Cafeteria)

### THEORETICAL SESSION – 1F Auditorium

Chairman:

13.20 pm **Welcome to participants**

**黃士維 W. HUANG & 吳鴻昇 J. WU**

13.30-13.50 The current criteria of thyroid tumor ablation, and surgeons view  
甲狀腺腫瘤/結節消融目前適應症與指引標準，及外科醫師觀點  
適應症/禁忌症、臨床決策與外科觀點

吳明勳

13:50-14:10 Basic anatomy and techniques for thyroid RFA  
甲狀腺射頻消融基本解剖與技術  
甲狀腺解剖、危險區、RFA 操作流程

郭其毓

14:10-14:40 Advanced tips and tricks, results of thyroid tumor ablation and case sharing  
甲狀腺消融進階技巧、臨床結果與案例分享  
技巧、臨床結果與案例解析

E. PAPINI

14:40-15:40 Case demonstration  
現場手術/消融案例示範與同步解說

郭庭鈞 / 蔡明霖 / 黃嘉崙  
或 鄭凱倫 (操作)

講解及指導

E. PAPINI

現場示範操作與即時解說、QA

15.40-16.00 Coffee Break (1F Cafeteria)

**EXPERIMENTAL LABORATORY**  
**(Option B: Dry Lab) – 3F Laboratory**

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Hands-On Session on Dry Model

6 站實作 ( 每站一台超音波 ) · 兩種操作模組 ( 3 食物 + 3 仿體 ) · 共 3 家 RFA 廠商 ; 小班制分組練習 · 師生比例 1:4-5

**Training Procedures:**

17:30-18:00 Course wrap-up & certificate

18.15 pm End of the course  
Evaluation of the day at reception desk (1F)  
Delivery of certificate of attendance


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


# ASIA IRCAD - TAIWAN

## ENDOCRINE ULTRASOUND-GUIDED RFA COURSE


### JULY 10, 2026

#### 交通車時刻表 Shuttlebus Time Schedule


出發時間 Departure Time	路線 Route
<b>Day 1: July 10 (星期五 Friday)</b>	
<b>08:00</b>	鹿港永樂酒店 → 彰濱秀傳微創手術中心 Lukang Union House → IRCAD-Taiwan
<b>18:30</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  高鐵接駁車將從 IRCAD 直接出發，請您於早上退房後，將行李一併帶至 IRCAD 報到。 <i>*The HSR shuttle will depart directly from IRCAD-Taiwan.</i> <i>Please check out of your hotel in the morning and bring your luggage with you to IRCAD.</i>

 行李寄放：退房後請將行李帶至 IRCAD，櫃台後方備有行李間。

Luggage: After check-out, please bring your luggage to IRCAD. A storage area is available behind the front desk.

 停車：可停放於醫院停車格，課程結束後至 IRCAD 櫃台領取免費停車券。

Parking: Park in the hospital lot and get a free parking voucher at the IRCAD front desk after the course.

 計程車：若需叫車，請提前告知工作人員協助安排。

Taxi: Let our staff know in advance if you need a taxi, and we'll assist with booking.

Course Manager	柯宜汝 Sara 0937-929-310
Location	<a href="#">彰濱秀傳亞洲遠距微創手術中心</a> 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
Hotel Information	<a href="#">鹿港永樂酒店</a> UNION HOUSE Lukang
Address	505 彰化縣鹿港鎮三民路 152 號 No. 152, Sanmin Road, Lukang Township, Changhua County, 505
Tel	+886-4-776-2999
Hotel Information	<a href="#">樂活紓壓俱樂部</a> LOHAS RELAXING CLUB Lukang
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

# 彰濱秀傳醫療園區地圖

## Map of Chang Bing Show Chwan Health Park



Local Dining Options	
<a href="#">LeeLi's</a>	Taiwanese-Western Fusion Bistro
<a href="#">海味珍海鮮餐廳</a>	Hai Wei Zhen Seafood
<a href="#">木生海鮮會館</a>	Mu Sheng Seafood
<a href="#">王罔麵線糊</a>	Wang Wang Noodle
<a href="#">永香民俗小吃</a>	Yong Xiang Taiwan Snack
<a href="#">掬翠拾煙蔬食創作料理 (素)</a>	Ju Cui Shi Yan (Vegetarian)
<a href="#">勝豐吧</a>	Sheng Feng Bar