

PROGRAM

ASIA IRCAD - TAIWAN

THYROID ULTRASOUND-GUIDED RADIOFREQUENCY ABLATION (RFA) COURSE

JULY 10, 2026



PRESIDENT

Jacques MARESCAUX

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University of Strasbourg, France*

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DIRECTOR

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COURSE DIRECTOR

黃士銘 Shih-Ming HUANG

*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

- ✚ 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

- ✚ 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

- ✚ Paolo MICCOLI (Italy)
- ✚ Gabriele MATERRAZZI (Italy)
- ✚ Quan-Yang DUH (USA)
- ✚ Wen T. SHEN (USA)
- ✚ Hoon Yib KIM (South Korea)
- ✚ Angkoon ANUWONG (Thailand)
- ✚ Brian Hung-Hin LANG (Hong Kong)
- ✚ Jung Hwan BAEK (South Korea)
- ✚ Michel VIX (France) (videoconference)
- ✚ Jacques MARESCAUX (France) (videoconference)

INVITED TAIWAN FACULTY

- ✚ 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
- ✚ 或 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

BAEK

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

BAEK

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

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
Day 1: July 10 (星期五 Friday)	
08:00	鹿港永樂酒店 → 彰濱秀傳微創手術中心 Lukang Union House → IRCAD-Taiwan
18:30	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
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This program may be subject to modification.

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
Hotel Information	鹿港永樂酒店 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	樂活紓壓俱樂部 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	
LeeLi's	Taiwanese-Western Fusion Bistro
海味珍海鮮餐廳	Hai Wei Zhen Seafood
木生海鮮會館	Mu Sheng Seafood
王罔麵線糊	Wang Wang Noodle
永香民俗小吃	Yong Xiang Taiwan Snack
掬翠拾煙蔬食創作料理 (素)	Ju Cui Shi Yan (Vegetarian)
勝豐吧	Sheng Feng Bar