

PROGRAM

ASIA IRCAD - TAIWAN

THYROID ULTRASOUND-GUIDED RADIOFREQUENCY ABLATION (RFA) COURSE

JULY 10, 2026



PRESIDENT

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Changhua, Taiwan*

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

-  To review current international guidelines and indications for thyroid radiofrequency ablation.
-  To understand patient selection, pre-procedural evaluation, and ultrasound-based risk stratification.
-  To demonstrate the technical principles and procedural steps of ultrasound-guided thyroid RFA.
-  To recognize potential complications and strategies for prevention and management.
-  To evaluate clinical outcomes, long-term efficacy, and the role of RFA within multidisciplinary thyroid care.

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

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

INVITED TAIWAN FACULTY

- ✚ 吳明勳 Ming-Hsun WU - 臺大醫院
- ✚ 郭庭均 Tina 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
- ✚ 林偉哲 Wei-Che LIN - 高雄長庚醫院
- ✚ 鄭凱倫 Kai-Lun CHENG - 中山醫學大學附設醫院
- ✚ 黃士銘 Shih-Ming HUANG - 秀傳紀念醫院

Day 1 - Friday, July 10th, 2026




- 08.30 am Faculty & Participant Shuttlebus from Taichung HSR Station to IRCAD Taiwan
- 09.15 am Faculty & Participant Shuttlebus from Hotel to IRCAD Taiwan
- 09.45 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)
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G. MATERRAZZI / P. PAPINI
 林偉哲 W.C. LIN
 郭庭鈞 T.C. KUO
 / 蔡明霖
 / 鄭凱倫 K.L. CHENG

12.00-13.00 Lunch (1F Cafeteria)

THEORETICAL SESSION – 1F Auditorium

Chairman:

13.00 pm Welcome to participants

黃士維 W. HUANG
 & 吳明勳 M.H. WU

13.00-13.20 From Targeting to Control: A Conceptual Framework for Ultrasound-Guided Thyroid RFA

N. FUKUNARI

13.20-13.40 Basic anatomy and techniques for thyroid RFA

郭其毓 C.Y. KUO

13.40-14.00 Advanced tips and tricks, results of thyroid tumor ablation and case sharing

林偉哲 W.C. LIN

14.00-14.20 Topic TBD

P. PAPINI

14.20-14.40 Topic TBD

B. LANG

14.40-15.00 Coffee Break (1F Cafeteria)

EXPERIMENTAL LABORATORY

(Option B: Dry Lab) – 3F Laboratory

15.00-17.30 Hands-On Session on Dry Model

All Faculties

6 hands-on stations (each equipped with one ultrasound machine)

This program may be subject to modification.

2 types of practice modules (3 food-based + 3 phantom models)
4 RFA companies: Medtronic / Starmed / RF Medical / Cambridge
Microwave companies:
Small-group training format, with a faculty-to-participant ratio of 1:4–5

Lab Demonstration : Master Table

Training Procedures:





17:30-18:00 Course Wrap-Up & Certificate

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


18.15 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) | |
| 08:30 | 高鐵台中站 → 彰濱秀傳微創手術中心 Taichung HSR Station → IRCAD-Taiwan |
| 09:15 | 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.

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| Course Manager | 柯宜汝 Sara 0937-929-310 |
| 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 |
| 水生海鮮會館 | 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 |