

ASIA IRCAD - TAIWAN

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

SEPTEMBER 18, 2026



PRESIDENT

Jacques MARESCAUX

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Changhua, Taiwan*

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Changhua, Taiwan*

COURSE DIRECTOR






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*National Taiwan University
Hospital, Taipei, Taiwan*

黃士銘 Shih-Ming HUANG

*Show Chwan Memorial Hospital,
Changhua, 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

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) https://www.ircadtaiwan.com/en-us/
Address	505 彰化縣鹿港鎮鹿工路 6-1 號 No. 6-1, Lugong Rd., Lukang Township, Changhua County, 505 https://maps.app.goo.gl/rLLajKYJR2KVdT3X9
Tel	+886-4-781-2988

Day 1 - Friday, September 18th, 2026

- 09.00 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: 吳明勳, G. MATERRAZZI, 黃士銘

Operator:

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

-  (cases to be determined)
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P. PAPINI
林偉哲 W.C. LIN
郭庭均 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

14.40-15.00 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)
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
SEPTEMBER 18, 2026


交通車時刻表 Shuttlebus Time Schedule	
出發時間 Departure Time	路線 Route
Day 1: September 18 (星期五 Friday)	
09:00	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 Yong Le Lukang → IRCAD-Taiwan
18:15	彰濱秀傳微創手術中心 → 鹿港永樂酒店 → 高鐵台中站 IRCAD-Taiwan → Yong Le 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.

Hotel Information	鹿港永樂酒店 Yong Le Lukang, a Tribute Portfolio Hotel (UNION HOUSE Lukang) https://www.yonglelukang.com.tw/
Address	505 彰化縣鹿港鎮三民路 152 號 No. 152, Sanmin Road, Lukang Township, Changhua County, 505 https://goo.gl/maps/xVGxf1XecPLAd4z4A
Tel	+886-4-776-2999

彰濱秀傳醫療園區地圖

Map of Chang Bing Show Chwan Health Park



Hotel Information	樂活紓壓俱樂部 LOHAS RELAXING CLUB Lukang https://www.facebook.com/lukanglohas
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) https://maps.app.goo.gl/9JDCZZjYwPuC4g1M7
Tel	+886-4-781-1163

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
王岡麵線糊	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