



ENDOCRINE ULTRASOUND-GUIDED RFA COURSE

20
26 **09.20**

2026

INVITED FACULTIES

- Gabriele MATERRAZZI (Italy)
- Piermarco PAPINI (Italy)
- Kai-Wen HUANG (TW)
- Ming-Hsun WU (TW)

10:00 am ◦ OPENING & INTRODUCTION

10:10 am • THEORETICAL SESSION 1

Lecture 1:

- The Real Question in PTMC: Not whether we can ablate, but when we should intervene
- A Real-World Application of the 2025 ATA Guidelines and 2026 NCCN in PTMC
- From Observation to Intervention: Who benefits from active surveillance - Thermal Ablation or Surgery?
- From Targeting to Control: A Conceptual Framework for Ultrasound-Guided Thyroid RFA
- Basic anatomy and techniques for thyroid RFA
- Advanced tips and tricks, results of thyroid tumor ablation and case sharing

12:30 pm ◦ GROUP PHOTO & LUNCH

13:30 pm • HANDS-ON SESSION

Hands-On Session on Dry Model

Lab Demonstration : Cadaver Master Table

- Small-group training format, with a faculty-to-participant ratio of 1:4-5

16:00 pm ◦ COURSE WRAP-UP & CERTIFICATE

16:30 pm ◦ END OF COURSE

REGISTER



<https://linktr.ee/ircadtaiwan>



**OPTIONS
A/B**

A: LECTURES ONLY
B: DRY LAB

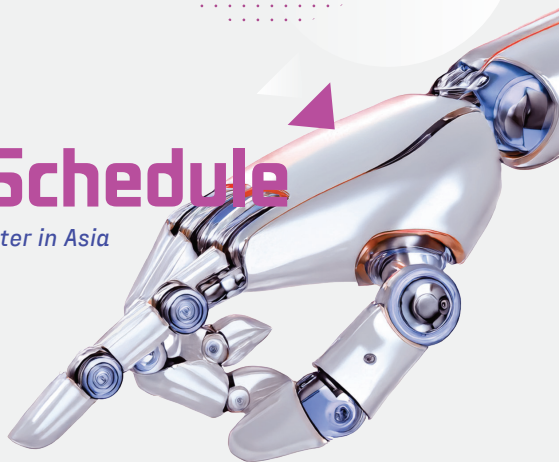
OBJECTIVES

- To review current international guidelines and indications for endocrine 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 endocrine 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.



2026 Course Schedule

The largest and most advanced training center in Asia



TR1 Fundamental Course

GENERAL SURGERY 360°
FUNDAMENTAL Course: Laparoscopic /
Endoscopic / Image-Guided

2026/9/11 to 13

TR2 Intermediate Course

INTENSIVE Course in Laparoscopic
GENERAL SURGERY

2026/10/19 to 23

DU Surgical & Interventional
ENDOSCOPY Curriculum

2026/7/20 to 23

Advanced BILIARY Surgery Course:
Laparoscopic Bile Duct Exploration &
CHOLEDOCHOSCOPY

2026/11/10 to 11

TR3 Advanced Course

Precision ENDOCRINE Surgery:
RFA + SP + Robotic Thyroid Surgery +
Fluorescence-Guided Endocrine
Surgery & Cadaver Lab

MIS: 2026/9/18 to 19

RFA: 2026/9/20

Advanced Course in Inguinal
HERNIA & Complex Abdominal
Wall Repair Surgery

2026/8/19 to 20

Basic Course in Laparoscopic
UROLOGICAL Surgery

2026/10/15

Advanced Course in Laparoscopic &
Robotic UROLOGICAL Surgery

2026/10/16 to 17

New Perspectives in HEPATOBILIARY
& PANCREATIC Surgery Course

2026/11/12 to 14

IRCAD-Taiwan Website
www.ircadtaiwan.com



scan to
Know More

Veterinary Course

VETERINARY Laparoscopic Surgery
FUNDAMENTAL Course
2026/10/28

VETERINARY Laparoscopic Surgery
INTERMEDIATE Course
2026/10/29 to 30

Innovation Course

B.E.S.T. Workshop: Business,
Engineering, Surgical Technology
2026/7/20 to 24

Robotic Course

Da Vinci Robotic Surgery Week:
GS / Hernia / HPB / Colorectal /
Gynecology / Urology
2026/8/3 to 24

Multidisciplinary Course

Advanced SINUS
Dissection Course [Cadaver]
2026/10/3 to 4

SKULL BASE 360° Endoscopic &
Microscopic Surgery Course [Cadaver]
2026/12/8 to 11

Microvascular Anastomosis Hands-on
Surgery Course
2026/12/5 to 6

Contact us to inquire about the availability !!

Mini-Fellowship
Da Vinci Basic Course

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Taiwan

秀傳亞洲遠距微创手術中心
Asian Institute of TeleSurgery

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✉ : register@ircadtaiwan.com.tw

☎ : +886-4-781-2988

No. 6-1, Lugong Rd.,
Lukang Township, Changhua County, 505, Taiwan

8:30 am ◦ WELCOME TO PARTICIPANTS

8:40 am • LIVE OR PRE-RECORDED OPERATIVE DEMONSTRATIONS

Live Surgery & Technology Integration

1:00 pm ◦ LUNCH

1:50 pm • THEORETICAL SESSION 1

EVOLUTION OF MINIMALLY INVASIVE THYROID SURGERY

- MIVAT: Thirty Years of Experience and Future Perspectives
- TOETVA: How to Avoid Pitfalls and Complications
- Robotic Thyroidectomy: Single-Port versus Multi-Port Platforms

3:05 pm • THEORETICAL SESSION 2

FLUORESCENCE-GUIDED ENDOCRINE SURGERY

- Beyond Visual Identification: Autofluorescence and ICG Fluorescence in Parathyroid Preservation
- Quantitative Assessment of Parathyroid Perfusion: Can We Prevent Permanent Hypoparathyroidism?

3:55 pm THEORETICAL SESSION 3

ADVANCED IMAGING AND NAVIGATION

- 4D-CT, 3D Reconstruction and Augmented Reality for Endocrine Surgery

4:15 pm ◦ COFFEE BREAK

4:45 pm THEORETICAL SESSION 4

- How Artificial Intelligence is revolutionizing Minimally Invasive Surgery?

5:10 pm • THEORETICAL SESSION 5

ONCOLOGY AND INNOVATION

- Precision Thyroid Oncology: Key Updates from ATA 2025 and NCCN 2026
- Regulations, Ethics and Governance of Surgical Innovation

6:00 pm ◦ END OF SESSION

6:45 pm • CONGRESS DINNER

8:30 am • PRE-LAB

- Introduction to Cadaver Laboratory
- Pre-Lab Technical Session

9:30 am • HANDS-ON SESSION ON CADAVER

- TOETVA Master Table Faculty Demonstration:
- Vestibular port placement
- Working space creation
- Central neck dissection
- Thyroid lobectomy
- Total thyroidectomy

1:00 pm • LUNCH

2:00 pm • THEORETICAL SESSION 5

- Radiofrequency Ablation for Low-Risk PTMC:
Active Biological Control Between Surveillance and Surgery
- Japanese Guidelines for Medullary Thyroid Cancer
- Primary Hyperparathyroidism
- Pheochromocytoma
- Genetic Screening
- MEN1: Optimal Timing of Parathyroidectomy and
Gland Preservation Strategies

**3:15 pm • Certificate Ceremony
Presentation of Certificates
Closing Remarks**

3:30 pm • END OF COURSE

REGISTER



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**OPTIONS
A/B**

A: LECTURES ONLY
B: CADAVER LAB

OBJECTIVES

- Cover a comprehensive spectrum of minimally invasive and advanced endocrine surgical procedures.
- Provide clear indications for surgical treatment and review potential operative complications.
- Highlight key technical aspects of minimally invasive thyroidectomy and parathyroidectomy through live or pre-recorded demonstrations.
- Facilitate real-time interaction and discussion between faculty and participants during operative broadcasts.
- Offer hands-on training using anatomical specimens under expert guidance to improve surgical technique and procedural confidence.
- Describe practical approaches and decision-making strategies for thyroid and parathyroid surgery.



PRECISION ENDOCRINE SURGERY: FROM FLUORESCENCE-GUIDED SURGERY TO ARTIFICIAL INTELLIGENCE

²⁰/₂₆ **09.18** – ²⁰/₂₆ **09.19**

2026

INVITED FACULTIES

- Quan-Yang DUH (USA)
- Paolo MICCOLI (Italy)
- Gabriele MATERRAZZI (Italy)
- Angkoon ANUWONG (Thailand)