PROGRAM

ASIA IRCAD – TAIWAN

SKULL BASE 360°:
ENDO / MICRO / RADIOSURGERY
SKULL BASE COURSE

DECEMBER 08 - 11, 2026

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Changhua, Taiwan

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Neurosurgeon,
Show Chwan Memorial Hospital, Changhua, Taiwan

張維傑
Wei-Chieh CHANG
Neurosurgeon,
Show Chwan Memorial Hospital, Changhua, Taiwan

OBJECTIVES

- To provide an overview of the complex anatomy of the skull base.
- To cover a broad spectrum of the skull base approaches and describe the technical steps of each specific approach.
- To discuss indications of skull base approaches and surgical strategies.
- To provide hands-on session on cadaveric specimens and improve skills.
- To become more familiar with endoscopic endonasal approaches.
- To understand the rationale and challenge of endoscopic endonasal approacendoscophes to the skull base.
- To allow discussion between expert in the field of skull base surgery and trainees

EDUCATIONAL METHODS

- Interactive theoretical and video sessions between faculty and course participants.
- Practical training on anatomical specimen.

INVITED INTERNATIONAL FACULTY

- Sébastien FROELICH (France)

INVITED TAIWAN FACULTY

- 沈炯祺 George Chiung-Chyi SHEN
- 陳建民 Chien-Min CHEN
- 楊大羽 Dar-Yu YANG
- 鄭均洹 Chun-Yuan CHENG
- 鍾從得 Chris Tsung-Te CHUNG
- 張維傑 Wei-Chieh CHANG

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

This program is subject to modification.

ircad

ircad Taiwan

2026

December 8-11, 2026

360°顱底顯微及內視鏡解剖課程

Skull Base 360° : Endo/Micro Course

Alumni	US$ 2,800
Early Bird	US$ 3,600 (Before August 1st)
Late Bird	US$ 4,000 (August 1st - November)

COURSE DIRECTORS
Sebastien Froelich

REGISTER
https://pse.is/97dvyu

Leica ZEISS bissinger Medtronic STORZ KARL STORZ — ENDOSKOPE 美麗康國際 Buticon International Corp.

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Day 1 - Tuesday, December 8th, 2026

07.30 am Faculty & Participant Shuttlebus from Yong Le Lukang to IRCAD-Taiwan

07.45 am Registration & Take Photo for Course Booklet

THEORETICAL SESSION 1 – 1F Auditorium
ANTEROLATERAL CORRIDOR: FTOZ, CLINOIDECTOMY, CAVERNOUS SINUS

08.00 am **Welcome Introduction**

Moderator: K. OYAMA

Lecture 1: ANTEROLATERAL CORRIDOR: FTOZ, CLINOIDECTOMY, CAVERNOUS SINUS

08.10-08.30	FTOZ approach and variations	T. PASSERI
08.30-08.50	Extradural anterior clinoidectomy	
08.50-09.10	Mobilizing the lateral wall of the cavernous sinus	H.H. PARK
09.10-09.30	Surgical strategies for cavernous sinus meningiomas	K. WATANABE

09.30-09.40 Group Photo
Coffee Break (1F Cafeteria)

PRACTICAL SESSION 1 – 3F Laboratory

09.40-13.00 Hands-On Session on Cadaver: Two participant per station
Steps of the dissection: All faculties

Right side of the specimen

1. Interfacial dissection
2. Retrograde dissection of the temporalis muscle
3. Inferior orbital fissure exposure & MC Carthy keyhole
4. One piece FTOZ craniotomy
5. Peeling of the lateral wall of the CS
6. Extradural anterior clinoidectomy
7. Exploration of the cavernous sinus

13.00-13.50 Lunch (1F Cafeteria)

THEORETICAL SESSION 2 – 1F Auditorium
SUBTEMPORAL CORRIDOR

Moderator: K. OYAMA

Lecture 2: SUBTEMPORAL CORRIDOR

13.50-14.10	Anterior petrosal approach	T. PASSERI
14.10-14.30	Extradural anterior temporal fossa approach	K. WATANABE

14.30-14.40 Coffee Break (1F Cafeteria)

PRACTICAL SESSION 2 – 3F Laboratory

14.40-18.30 Hands-On Session on Cadaver: Two participant per station
Right side of the specimen All faculties

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1. Temporal craniotomy (Posterior extension of the previous craniotomy)
2. Peeling of the dura and exposure of Kawase triangle
3. Anterior petrosectomy
4. Extradural temporal fossa approach
5. Opening of the dura
6. Opening Meckel's cave
7. Exploration with the endoscope

18.30 pm	End of session Evaluation of the day at reception desk (1F)
18.45 pm	Faculty & Participant Shuttlebus from IRCAD-Taiwan to Congress Dinner
19.00 pm	Congress Dinner

Day 2 - Wednesday, December 9th, 2026

07.30 am Faculty & Participant Shuttlebus from Yong Le Lukang to IRCAD-Taiwan

Evaluation of the previous day at reception desk (1F)

THEORETICAL SESSION 3 – 1F Auditorium
RETROSIGMOID, TRANSLABYRINTHINE, POSTERIOR PETROSAL APPROACHES

Moderator: K. WATANABE

Lecture 3: RETROSIGMOID, TRANSLABYRINTHINE, POSTERIOR PETROSAL APPROACHES

08.00-08.20	Retrosigmoid approach	D.H. DUONG
08.20-08.40	Endoscopic transmastoid posterior petrosal approach	
08.40-09.00	Trans-labyrinthine approach	
09.00-09.20	Minicombined petrosal approach	K. WATANABE

09.20-09.30 Coffee Break (1F Cafeteria)

PRACTICAL SESSION 3 – 3F Laboratory

09.30-13.00 Hands-On Session on Cadaver: Two participant per station
Steps of the dissection: All faculties

Right side of the specimen

1. Soft tissue dissection
2. L-shape craniotomy
3. Mastoidectomy
4. Opening the dura and section of the tentorium
5. Transposition of the sigmoid sinus
6. Drilling of the labyrinth

13.00-13.50 Lunch (1F Cafeteria)

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THEORETICAL SESSION 4 – 1F Auditorium
POSTEROLATERAL CORRIDOR

Moderator: K. OYAMA

Lecture 4: POSTEROLATERAL CORRIDOR

13.50-14.10	Far lateral approach	T. PASSERI
14.10-14.30	Anterolateral approach	H.H. PARK
14.30-14.50	Approach to the jugular foramen	K. WATANABE
14.50-15.00	Coffee Break (1F Cafeteria)	

PRACTICAL SESSION 4 – 3F Laboratory

15.00-18.30 Hands-On Session on Cadaver: Two participant per station

Left side of the specimen — All faculties

1. Far lateral approach – midline hockey stick incision
2. Closure at the end of the dissection

Coffee Break
Repositioning of the specimen

Right side of the specimen — All faculties

3. Anterolateral approach
4. Opening the jugular foramen

18.30 pm End of session

18.45 pm Faculty & Participant Shuttlebus from IRCAD-Taiwan to Hotel

Participant Evening Free
Faculty Dinner

Day 3 - Thursday, December 10th, 2026

07.30 am Faculty & Participant Shuttlebus from Yong Le Lukang to IRCAD-Taiwan

Evaluation of the previous day at reception desk (1F)

THEORETICAL SESSION 5 – 1F Auditorium
KEYHOLE & TRANSORBITAL APPROACHES

Moderator: T. PASSERI

Lecture 5: RETROSIGMOID, TRANSLABYRINTHINE, POSTERIOR PETROSAL APPROACHES

08.00-08.20	Keyhole & minicraniotomies options for anterior skull base	沈炯祺 George. C. C. SHEN
08.20-08.40	Fully endoscopic keyhole surgery	K. OYAMA

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08.40-09.00	Transorbital approach: Step by step and indications	黃博浩 Abel P.H. HUANG
09.00-09.20	Eyebrow transorbital	N. WATANABE
09.20-09.30	Coffee Break (1F Cafeteria)	

PRACTICAL SESSION 5 – 3F Laboratory

09.30-13.00	Hands-On Session on Cadaver: Two participant per station Steps of the dissection: **Left side of the specimen** 1. Transorbital approach	All faculties
13.00-14.00	Lunch (1F Cafeteria)	

THEORETICAL SESSION 6 – 1F Auditorium
ENDOSCOPIC ENDONASAL APPROACH:
MIDLINE APPROACH: SELLA, TUBERCULUM & CLIVUSCORRIDOR

Moderator: T. PASSERI

Lecture 6: ENDOSCOPIC ENDONASAL APPROACH:
MIDLINE APPROACH: SELLA, TUBERCULUM & CLIVUSCORRIDOR

14.00-14.20	Endoscopic endonasal approach for pituitary adenomas	
14.20-14.40	Transplanum transtuberculum approach	唐健綸 C.L. TANG
14.40-15.00	The chopstick concept for endoscopic endonasal	T. PASSERI
15.00-15.10	Coffee Break (1F Cafeteria)	

PRACTICAL SESSION 6 – 3F Laboratory

15.10-19.00	Hands-On Session on Cadaver: Two participant per station 1. Endoscopic exploration: endonasal anatomy 2. **Right side**: one nostril approach to sella 3. **Left side**: - Middle turbinectomy - Ethmoidectomy - Antrostomy - Binostril approach to the planum and tuberculum	All faculties
19.00 pm	End of session	
19.15 pm	Faculty & Participant Shuttlebus from IRCAD-Taiwan to Hotel	
	Participant Evening Free Faculty Dinner	

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Day 4 - Friday, December 11th, 2026

07.30 am Faculty & Participant Shuttlebus from Yong Le Lukang to IRCAD-Taiwan

Evaluation of the previous day at reception desk (1F)

THEORETICAL SESSION 7 – 1F Auditorium
ENDOSCOPIC ENDONASAL APPROACH: PLANUM – TUBERCULUM, CLIVUS AND CCJ

Moderator:

Lecture 7: ENDOSCOPIC ENDONASAL APPROACH: PLANUM – TUBERCULUM, CLIVUS AND CCJ

08.00-08.20	Endoscopic endonasal approach to the clivus and petroclival region	K. OYAMA
08.20-08.40	Transpterygoid approach	
08.40-09.00	Endoscopic endonasal approach to the cavernous sinus	
09.00-09.20	Endoscopic transclival far medial approach for lesions of the jugular foramen and hypoglossal canal	
09.20-09.40	Endoscopic endonasal transclival transpharyngeal approach for the CVJ	

09.40-09.50 Coffee Break (1F Cafeteria)

PRACTICAL SESSION 7 – 3F Laboratory

09.50-12.15 Hands-On Session on Cadaver: Two participant per station — All faculties

Steps of the dissection:

1. Binostril approach to the clivus
2. Right side: Transpterygoid approach
3. Exposure of the cavernous sinus
4. Drilling of the petrous apex
5. Intracavernous ICA
6. Foramen lacerum

12.15-13.00 Lunch (1F Cafeteria)

THEORETICAL SESSION 8 – 1F Auditorium
ENDOSCOPIC ENDONASAL APPROACH: CLIVUS, CV JUNCTION & CLOSURE

Moderator:

Lecture 8: ENDOSCOPIC ENDONASAL APPROACH: CLIVUS, CV JUNCTION & CLOSURE

13.00-13.20	Endoscopic endonasal approach to the petrous apex	T. PASSERI
13.20-13.40	Closure strategies	
13.40-14.00	Biportal endoscopic endonasal and transorbital for complex skull base lesions	

14.00-14.10 Coffee Break (1F Cafeteria)

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PRACTICAL SESSION 8 – 3F Laboratory

14.10-18.00	Hands-On Session on Cadaver: Two participant per station 1. Approach of the CCJ 2. Approach to the foramen jugular 3. Infratemporal fossa exploration	All faculties
18.00 pm	End of the course Evaluation of the day Delivery of certificate of attendance	
18.15 pm	Participant & Faculty Shuttlebus from IRCAD-Taiwan to Yong Le Lukang & Taichung HSR Station	

ASIA IRCAD – TAIWAN
SKULL BASE 360°COURSE
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交通車時刻表 Shuttlebus Time Schedule	
出發時間 Departure Time	**路線 Route**
Day 1: December 8 (星期二 Tuesday)	
07.30	**鹿港永樂酒店 → 彰濱秀傳微創手術中心** **Yong Le Lukang → IRCAD-Taiwan**
18.45	**彰濱秀傳微創手術中心 → 大會晚宴** **IRCAD-Taiwan → Congress Dinner**
21.00	**大會晚宴 → 鹿港永樂酒店 → 樂活紓壓俱樂部** **Congress Dinner → Yong Le Lukang → Lohas Relaxing Club Lukang**
Day 2: December 9 (星期三 Wednesday)	
07.30	**鹿港永樂酒店 → 彰濱秀傳微創手術中心** **Yong Le Lukang → IRCAD-Taiwan**
18.45	**彰濱秀傳微創手術中心 → 鹿港永樂酒店** **IRCAD-Taiwan → Yong Le Lukang**
18.45 FACULTY	**彰濱秀傳微創手術中心 → 教授晚宴** **IRCAD-Taiwan → Faculty Dinner**
Day 3: December 10 (星期四 Thursday)	
07.30	**鹿港永樂酒店 → 彰濱秀傳微創手術中心** **Yong Le Lukang → IRCAD-Taiwan**
19.15	**彰濱秀傳微創手術中心 → 鹿港永樂酒店** **IRCAD-Taiwan → Yong Le Lukang**

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19.15 **FACULTY**	**彰濱秀傳微創手術中心 → 教授晚宴** **IRCAD-Taiwan → Faculty Dinner**
Day 4: December 11 (星期五 Friday)	
07.30	**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。 **The HSR shuttle will depart directly from IRCAD-Taiwan.* *Please check out of your hotel in the morning and bring your luggage with you to IRCAD.*

🧳 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 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

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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 Show Chwan's LOHAS RELAXING CLUB 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
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

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