

SKULL BASE 360°: ENDO/MICRO/RADIOSURGERY SKULL BASE COURSE December 01-04, 2026



Chairman

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Changhua, Taiwan

President

Jacques MARESCAUX

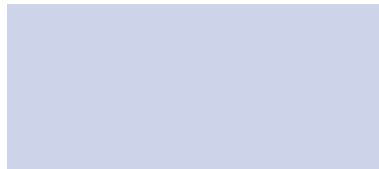
President, IRCAD
University of Strasbourg,
France

Director

Wayne HUANG

Dean, IRCAD-Taiwan
Show Chwan Memorial Hospital,
Changhua, Taiwan

International Course Director



National Course Director

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 approaches 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.
- 3D screen

Domestic Faculties



Tuesday, December 1st, 2026

MORNING

07.30 Registration

am

07.45 Welcome introduction

am

THEORETICAL SESSION – ANTEROLATERAL CORRIDOR: FTOZ, CLINOIDECTOMY, CAVERNOUS SINUS

07: 50 FTOZ approach and variations

08:15 Extradural anterior clinoidectomy

am

08:35 Mobilizing the lateral wall of the cavernous
am sinus

08:55 Surgical strategies for cavernous sinus
am meningiomas

09.20

am

Break

PRACTICAL SESSION IN EXPERIMENTAL LABORATORY:

09.30

Steps of the dissection:

am

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

01.00

pm

Lunch at the Institute

AFTERNOON

THEORETICAL SESSION – SUBTEMPORAL CORRIDOR

01:45

Anterior petrosal approach

02.15

pm

Extradural anterior temporal fossa approach

02.35

pm

Break

PRACTICAL SESSION IN EXPERIMENTAL LABORATORY:

03.00 *Steps of the dissection:*

pm

Right side of the specimen

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

06.45 *End of day session*

pm

Shuttle-bus from IRCAD to hotel

Wednesday, December 2nd, 2026

MORNING

07.45 Evaluation of the previous day
am

THEORETICAL SESSION – RETROSIGMOID, TRANSLABYRINTHINE, POSTERIOR PETROSAL APPROACHES

08.00 Retrosigmoid approach
am

08.20 Posterior petrosectomy mastoidectomy
am

08.40 Trans labyrinthine approach
am

09.10 Treatment strategies for petroclival
am meningiomas

09.35 Break
am

PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

09.45

Steps of the dissection:

am

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*

01.00

pm

Lunch at the Institute

AFTERNOON

THEORETICAL SESSION – POSTEROLATERAL CORRIDOR

01.45

Far lateral approach

mm

02.10

Anterolateral approach

mm

02.35

Approach to the jugular foramen

mm

Group picture in the auditorium

03.00

pm

Break

PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

03.15 Steps of the dissection:

pm

Left side of the specimen

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

Break and repositioning of the specimen

Right side of the specimen

3. Anterolateral approach
4. Opening the jugular foramen

06:45 End of day session

pm Shuttle-bus from IRCAD to hotel

Thursday, December 3rd, 2026

MORNING

07.45 Evaluation of the previous day
am

THEORETICAL SESSION – KEYHOLE & TRANSORBITAL APPROACHES

07.45 Subfrontal eyebrow keyhole approach
am

08.05 Minipterional approach
am

08.40 Transorbital approach
am

09.20 Break
am

PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

09.30 Steps of the dissection:
am **Left side of the specimen**

1. Minipterional approach
2. Eyelid incision – Transorbital approach

12.45
pm Lunch at the Institute

AFTERNOON

THEORETICAL SESSION – ENDOSCOPIC ENDONASAL APPROACH: MIDLINE APPROACH: SELLA, TUBERCULUM & CLIVUS

02.00 Endoscopic endonasal approach for
pm pituitary adenomas

02.20 Transtuberculum approach for
pm craniopharyngioma

02.40 Endoscopic endonasal approach for
pm clival lesions

03.00
pm Break

PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

03.15

Steps of the dissection:

pm

1. *Endoscopic exploration: endonasal anatomy*
 2. *Right side: one nostril approach to sella*
 3. *Left side:*
 - *middle turbinectomy*
 - *ethmoidectomy*
 - *antroscopy*
 - *Binostril approach to the planum and tuberculum*
 - *Binostril approach to the clivus*
-

07.00

End of day session

pm

Evening free

Friday, December 4th, 2026

MORNING

07.45 Evaluation of the previous day
am

THEORETICAL SESSION – ENDOSCOPIC ENDONASAL APPROACH: PLANUM – TUBERCULUM, CLIVUS AND CCJ

07.45 Transpterygoid approach
am

08.05 Endoscopic endonasal approach to the
am cavernous sinus

08.25 Endoscopic endonasal approach to the
am petrous apex and meckel's cave

08.45 Break
am

PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

09.00 Steps of the dissection:
am

1. Right side: Transpterygoid approach
2. Exposure of the cavernous sinus
3. Drilling of the petrous apex

4. Intracavernous ICA
5. Foramen lacerum

12.00
pm

Lunch at the Institute

AFTERNOON

THEORETICAL SESSION – ENDOSCOPIC ENDONASAL APPROACH: CLIVUS, CV JUNCTION & CLOSURE

01.15 pm Endoscopic endonasal approach to the
cranio-cervical junction

01.35 pm Endoscopic endonasal to the
infratemporal fossa

01.55 pm Closure techniques for EEA

02.15 pm Break

PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

02.20 Steps of the dissection:

pm

1. Approach of the CCJ
2. Approach to the foramen jugular
3. Infratemporal fossa exploration

06.00 End of course

pm

Delivery of certificates of attendance

MAP 地圖：

彰濱秀傳醫療園區地圖

Map of Chang Bing Show Chwan Health Park



This program is subject to modification.