DRAFT PROGRAMME

SKULL BASE 360°: ENDO/MICRO SKULL BASE COURSE

Pre-congress workshop of AOSBS 2018

September 17-20, 2018

Chairman

MH. Huang
Show Chwan Memorial Hospital
Changhua, Taïwan

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International Course Directors

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Neurosurgeon
University of Paris
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C. Debry
ENT
University of Strasbourg
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National Course Director

DY. Yang
Neurosurgeon
Show Chwan Memorial Hospital, 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 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

Faculty

INTERNATIONAL FACULTY

Christian Debry (France)
Sebastien Froelich (France)
Takeshi Kawase (Japan)
Kyu-Sung Lee (Korea)
Shin Masahiro (Japan)
Janakiram (India)
Kenichi Oyama (Japan)
Hun Ho Park (Korea)
Shunya Hanakita (Japan)
Kentaro Watanabe (Japan)

LOCAL FACULTY

Dar-Yu Yang
Yong-Kwang Tu
Chiung-Chyi Shen
Wei Chieh Chang
Tsung-Te Chung
Cheng-Mao Cheng
Po-Hao Huang
Chi-Tun Tang

Monday, September 17, 2018

MORNING

MICROSCOPIC AND ENDOSCOPIC ASSISTED

07.00 am **Shuttle-bus from the Hotel to IRCAD Taiwan**

07.45 am **Welcome to participants - Introduction**

LECTURES SESSION: From FTOZ to Keyhole

08.00 am **Orbito-zygomatic craniotomies**

08.20 am **Keyhole principle, supraorbital and minipterinal**

08.40 am **Clinoidectomy and additional drilling**

08.55 am **Peeling the lateral wall and dealing with the CS**

09.10 am **Coffee Break**

09.30 am PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

Dissection on anatomical specimens:

- Soft tissue dissection
- FTOZ approach
- Anterior clinoidectomy
- Peeling of the lateral wall
- Keyhole subfrontal and minipterional

01.00 pm **Lunch**

AFTERNOON

LECTURES SESSION: Subtemporal

01.40 pm **Petrous bone anatomy**

02.00 pm **Kawase approach**

02.30 pm **Coffee Break**

02.45 pm PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

Dissection on anatomical specimens:

- Kawase approach

06.45 pm **End of the session- Shuttle-bus from the IRCAD to the hotel**

Tuesday, September 18, 2018

MORNING

MICROSCOPIC AND ENDOSCOPIC ASSISTED

07.00 am **Shuttle-bus from the Hotel to IRCAD Taiwan**

LECTURES SESSION: Posterior transpetrosal and combined

08.00 am **Retrosigmoid approach and endoscopic assisted**

08.15 am **Posterior petrosal approach**

08.35 am **Translabyrinthine approach**

08.55 am **Combined petrosectomy**

09.15 am **Coffee Break**

09.30 am PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

Dissection on anatomical specimens:

- Retrosigmoid approach
- Endoscopic assisted retrosigmoid
- Posterior petrosal approach
- Translabyrinthine
- Combined

01.00 pm **Lunch**

AFTERNOON

LECTURES SESSION: Far lateral, transcondylar, jugular foramen

01.40 pm **Anatomy of the craniocervical junction and VA**

01.55 pm **Far Lateral – transcondylar approach**

02.15 pm **Anterolateral approach**

02.35 pm **Transmastoid approach to the jugular foramen**

02.55 pm **Coffee Break**

03.15 pm PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

Dissection on anatomical specimens:

- Far lateral approach
- Anterolateral approach
- Jugular foramen exposure

06.45 pm **End of the session - Shuttle-bus from the IRCAD to the hotel**

Wednesday, September 19, 2018

MORNING

ENDOSCOPIC ENDONASAL

07.00 am **Shuttle-bus from the Hotel to IRCAD Taiwan**

LECTURES SESSION – Ergonomics, sella, endonasal steps

08.00 am **How to get started: Instruments, ergonomics**

08.15 am **Endoscopic anatomy of the nose and paranasal sinuses**

08.35 am **Endoscopic approach to the sella for pituitary adenomas**

08.50 am **Endonasal steps for extended approach**

09.10 am **Coffee Break**

09.30 am PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

Dissection on anatomical specimens:

- Positioning, instrumentation, ergonomics
- One nostril approach to the sella
- Anterior and posterior ethmoidectomy
- Nasososeptal flap
- Transpterygoid approach

01.00 pm **Lunch**

AFTERNOON

LECTURES SESSION – Transplanum, transcribriform, draf

01.40 pm **Transplanum- transtuberculum approach**

01.55 pm **Transcribriform approach**

02.10 pm **Coffee Break**

03.00 pm PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

Dissection on anatomical specimens:

- Transplanum-transtuberculum approach
- Transcribriform
- Crita galli resection
- Draf

06.45 pm **End of the session - Shuttle-bus from the IRCAD to the hotel**

Thursday, September 20, 2018

MORNING

ANTERIOR CORRIDOR, ENDOSCOPIC ENDONASAL

07.00 am **Shuttle-bus from the Hotel to IRCAD Taiwan**

LECTURES SESSION – Cavernous sinus, petrous apex, clivus

08.00 am **Endoscopic anatomy: ICA, cavernous sinus and orbit**

08.20 am **Approach to the cavernous sinus/Meckel's cave**

08.40 am **Approach to the clivus and petrous apex**

09.00 am **Coffee Break**

09.20 am PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

Dissection on anatomical specimens:

- Cavernous sinus exposure and dissection
- Transclival approach
- Approach to the petrous apex

01.00 pm **Lunch**

AFTERNOON

LECTURES SESSION – Craniocervical junction, infratemporal fossa

01.40 pm **Endoscopic approach to the infratemporal**

02.00 pm **Endoscopic approach to the cranio-cervical junction**

02.20 pm **Reconstructive technique**

02.40 pm **Coffee Break**

03.00 pm PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

Dissection on anatomical specimens:

- Identification of the « palatini » muscle
- Eustachian tube resection
- Condyl and XII nerve exposure
- Medial maxillectomy type 3
- Identification of muscular plane-lateral and medial pterygoidmuscles
- Identification of lingual and inferior alveolar nerve on medial pterygoid muscle
- Resection of lateral pterygoid muscle and identification of V3 and Eustachian tube
- Identification of the parapharygeal ICA

06.45 pm **End of the course - Shuttle-bus from the IRCAD to the hotel**