

# DRAFT PROGRAMME

## COURSE IN MICROSCOPIC AND ENDOSCOPIC APPROACHES TO THE SKULL BASE

SEPTEMBER 25<sup>TH</sup> TO 27<sup>TH</sup>, 2013  
ASIA IRCAD - TAIWAN



### CHAIRMAN

**MH. Huang**

Show Chwan Memorial Hospital  
Changhua, Taiwan

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University of Strasbourg, France

### DIRECTOR

**HS. Wu**

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Changhua, Taiwan

### INTERNATIONAL COURSE DIRECTORS

**S. Froelich**

Neurosurgeon  
University of Paris  
France

**C. Debry**

ENT  
University of Strasbourg  
France

### NATIONAL COURSE DIRECTORS

**DY. Yang**

Neurosurgeon  
Show Chwan Memorial Hospital, Taiwan

**TT. Chung**

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### OBJECTIVES

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- 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

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- Interactive theoretical and video sessions between faculty and course participants.

### INVITED FACULTY

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**Damien Bresson (France)**  
**Philippe Herman (France)**  
**Jens Lehmborg (Germany)**  
**James Liu (USA)**  
**CC Shen (Taiwan)**  
**YK Tu (Taiwan)**

# Wednesday, September 25<sup>th</sup>, 2013

## MICROSURGICAL APPROACHES TO THE SKULL BASE: SURGICAL ANATOMY AND TECHNIQUES

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

**07.45 am** Welcome to participants - Introduction

### **07.55 am** LECTURES SESSION: Anterolateral approach to the Skull Base - Introduction

08.00 am	<b>Surgical anatomy of the cavernous sinus</b>	<i>S Froelich</i>
08.20 am	<b>Soft tissue dissection and FTOZ craniotomies</b>	<i>S Froelich</i>
08.40 am	<b>Peeling the lateral wall of the CS</b>	<i>J Liu</i>
09.00 am	<b>Anterior clinoidectomy technique</b>	<i>J Lehmborg</i>
09.20 am	<b>Surgery in and around the cavernous sinus</b>	<i>YK Tu</i>
09.40 am	<b>Keyhole approach</b>	<i>CC Shen</i>

**10.00 am** Coffee Break

### **10.20 am** PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

Dissection:

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

**01.00 pm** Lunch

### **01.55 pm** LECTURES SESSION: Posterolateral approach to the Skull Base - Introduction

02.00 pm	<b>Far lateral approach</b>	<i>YK TU</i>
02.30 pm	<b>Anterolateral approach</b>	<i>S Froelich</i>
02.50	<b>Approach to the jugular foramen</b>	<i>J Liu</i>

**03.10 pm** Coffee Break

### **03.30 pm** PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

Dissection:

- Transcondylar approach
- Anterolateral approach
- Approach to the jugular foramen

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

# Thursday, September 26<sup>th</sup>, 2013

## MICROSURGICAL APPROACHES TO THE SKULL BASE: SURGICAL ANATOMY AND TECHNIQUES

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

### **07.55 am** LECTURES SESSION: Lateral Transpetrosal Approach to the Skull Base - Introduction

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08.00 am	<b>Retrosigmoid approach</b>	<i>J Lehmberg</i>
08.20 am	<b>Translabyrinthine</b>	<i>C Debry</i>
08.40 am	<b>Anterior petrosectomy</b>	<i>D Bresson</i>
09.00 am	<b>Combined – transcochlear approach</b>	<i>P Herman</i>
09.20 am	<b>Surgical strategy for petroclival meningiomas</b>	<i>S Froelich</i>

**09.40 am** Coffee Break

### **10.20 am** PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

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- Dissection:
- Translabyrinthine approach

**12.30 pm** Lunch

### **13.20 am** LECTURES SESSION: Lateral Transpetrosal Approach to the Skull Base – Introduction

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13.20	<b>Keyhole approach to tuberculum sellae meningiomas</b>	<i>CC Shen</i>
13.40	<b>Endoscopic approach to tuberculum sellae meningiomas</b>	<i>D Bresson</i>

### **02.00 pm** PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

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- Dissection:
- Anterior petrosectomy
  - Combined approach

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

# Friday, September 27<sup>th</sup>, 2013

## ENDOSCOPIC APPROACHES TO THE SKULL BASE

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

### 07.55 am LECTURES SESSION - Introduction

08.00 am	<b>Endoscopic anatomy of the nasal and paranasal sinus</b>	<i>S Froelich</i>
08.20 am	<b>Endonasal techniques for skull base approaches</b>	<i>C Debry</i>
08.50 am	<b>Endoscopic approach to pituitary adenomas</b>	<i>J Liu</i>
09.10 am	<b>Endoscopic approach to skull base malignancy</b>	<i>P Herman</i>

### 09.40 am Coffee Break

10.00 am	<b>Endoscopic approach to the CC junction</b>	<i>J Lehmborg</i>
10.20	<b>Trans planum transtuberculum approach</b>	<i>S Froelich</i>
10.40	<b>Transcribriform approach</b>	<i>J Liu</i>
11.00 am	<b>Transclival approach</b>	<i>D Bresson</i>
11.20 am	<b>Endoscopic approach to the lateral skull base</b>	<i>P Herman</i>
11.40 am	<b>Closure technique and strategy</b>	<i>D Bresson</i>

### 12.00 pm Lunch

### 01.30 pm PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

Step by step dissection

- Endoscopic approach to pituitary adenomas
- Nasoseptal flap
- Endonasal steps for extended endonasal approach
- Endoscopic approach to the cavernous sinus
- Endoscopic approach to the clivus
- Endoscopic approach to the lateral skull base
- Endoscopic approach to the craniocervical junction

**06.00 pm** **End of the seminar**  
**Delivery of the certificates of attendance**