

ADVANCED COURSE
MICROSCOPIC and ENDOSCOPIC
APPROACHES to the SKULL BASE
TRAINING on ANATOMICAL SPECIMEN

ircad Taiwan Dec. 6-9
2016 REGISTRATION FORM

Dr./Prof. Family Name _____ First Name _____
 Gender Male Female Birthday ____/____/____ (YYYY/MM/DD)
 Professional Address _____ (YYYY/MM/DD)
 Orig. _____ Seniority _____ years
 Zip Code _____ City _____
 Country _____ Fax _____
 Phone _____ Mobile Phone _____
 E-mail _____

REGISTRATION (English-Speaking Courses)
 Limited to 40 participants per course
 Theoretical sessions + Training on Live Tissue..... **100,000NTD**
 (3,070USD)

HOTEL ACCOMMODATION (Rate per night, single room breakfast included)
 Preferential rate at Windsor Hotel Taichung..... **3,410NTD**
Please refer to http://www.windsortaiwan.com/index_en03a.htm
 Preferential rate at LOHAS Relaxing Center..... **2,000NTD**
Please refer to <http://www.chshow.org.tw/dsp/lohas/index.html>
 1 night 2 nights 3 nights 4 nights 5 nights
 Check in date..... Check out date.....

PAYMENT
 Please bill my credit card: VISA MASTER
 Name _____ Signature _____ Security Code: _____
 Card Number _____ Expiration Date: _____
 *Course tuition and LOHAS accommodation rate must be paid in advance.
 *Any cancellation of registration less than 30 days prior to the course starting date will NOT be transferred, reimbursed or postponed.

CONTACT
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 E-mail: alts@show.org.tw
 Webpage: <http://www.ircadtaiwan.com> (for on-line registration)

CHAIRMAN

MH. Huang
 Show Chwan Memorial Hospital
 Changhua, Taiwan

PRESIDENT

J. Marescaux
 President, IRCAD
 University of Strasbourg, France

INTERNATIONAL COURSE DIRECTORS

S. Froelich Neurosurgeon, University of Paris, France
C. Debray ENT, University of Strasbourg, France
YK. Tu Neurosurgeon, National Taiwan University Hospital

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.

INVITED FACULTY

James Liu (USA)
Jens Lehmburg (Germany)
Takashi Kawase (Japan)
Kantaro Watanabe (Japan)
Kenichi Oyama (Japan)
Doo-Sik Kong (Korea)
Kyu-Sung Lee (Korea)
Narayan Jamikaram (India)
Wittipong Kiratokai (Thailand)

Wei-Chieh Chang (Taiwan)
Sanford Hsu (Taiwan)
Chiung-Chyi Shen (Taiwan)
Dar-Yu Yang (Taiwan)
Tsung-Te Chung (Taiwan)

ircad Taiwan
秀傳亞洲遠距離微创手術中心
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With the support of:



SKULL BASE 360°
MICROSCOPIC and ENDOSCOPIC
APPROACHES to the SKULL BASE
TRAINING on ANATOMICAL SPECIMEN



MICROSCOPIC and ENDOSCOPIC APPROACHES to the SKULL BASE TRAINING on ANATOMICAL SPECIMEN

1st Day Thursday December 6th, 2016

2nd Day Wednesday December 7th, 2016

3rd Day Thursday December 8th, 2016

4th Day Friday December 9th, 2016

ANTEROLATERAL and POSTEROLATERAL CORRIDOR : MICROSCOPIC AND ENDOSCOPIC ASSISTED

07:00 am Shuttle-bus from the Hotel to IRCAD Taiwan
07:45 am Welcome to participants - Introduction From FFOZ to Keyhole

07:55 am LECTURES SESSION: ANTEROLATERAL CORRIDOR

- 08:00 am Oblio-zygomatic craniotomies
- 08:15 am Keyhole principle, supraorbital and minipitral
- 08:30 am Craniotomy and additional drilling
- 08:45 am Peeling the lateral wall and dealing with the CS
- 09:00 am Endoscopic assisted microsurgery

09:15 am Coffee Break

09:30 am PRACTICAL SESSION IN EXPERIMENTAL LABORATORY: MICRO-ENDO

- Dissection:
- Anterior craniotomy
 - Peeling of the lateral wall
 - Keyhole subfrontal and minipitral



01:00 pm lunch

01:45 pm LECTURES SESSION: Posterolateral corridor

- 01:45 pm Anatomy of the craniocervical junction
- 02:05 pm For lateral - transcondylar approach
- 02:25 pm Anterolateral approach
- 02:50 pm Cases/Video

03:00 pm Coffee Break

03:15 pm PRACTICAL SESSION IN EXPERIMENTAL LABORATORY: MICRO-ENDO

- Dissection:
- Anterolateral approach
 - Jugular foramen exposure

End of the session
Shuttle-bus from the IRCAD to the hotel



TRANSFRONTAL: MICROSCOPIC AND ENDOSCOPIC ASSISTED

07:00 am Shuttle-bus from the Hotel to IRCAD Taiwan

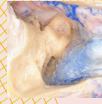
07:55 am LECTURES SESSION: Transfrontal approach

- 08:00 am Petrous bone anatomy
- 08:20 am Retroligament approach, endoscopic assisted
- 08:40 am Posterior petrosal approach
- 09:00 am Cases/Video

09:15 am Coffee Break

09:30 am PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

- Dissection:
- Retroligament approach
 - Posterior petrosal approach
 - Posterior petrosal approach
 - Infratentorial approach



01:00 pm Lunch

01:45 pm LECTURES SESSION: ANTERIOR TRANSFRONTAL, COMBINED-PETROSAL AND COMPLETE PETROSAL

- 01:45 pm Extended Middle fossa approach
- 02:05 pm Combined petrosal approach
- 02:20 pm Complete petrosotomy
- 02:40 pm Cases / Video

03:05 am Coffee Break

03:15 pm PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

- Dissection:
- Extended Middle fossa approach
 - Combined petrosal
 - Complete petrosotomy

End of the session - Shuttle-bus from the IRCAD to the hotel



ANTERIOR CORRIDOR, ENDOSCOPIC ENDONASAL

07:00 am Shuttle-bus from the Hotel to IRCAD Taiwan

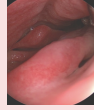
07:55 am LECTURES SESSION - Concepts, ergonomics, endonasal steps, sellar region

- 08:00 am How to get started: Endoscope instruments, ergonomics
- 08:15 am Endoscopic anatomy of the nose and paranasal sinuses
- 08:30 am Endoscopic approach to the sella for pituitary adenomas
- 08:45 am Endonasal steps for extended approach
- 09:00 am Cases/Video

09:15 am Coffee Break

09:30 pm PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

- Step by step dissection
- Positioning, instrumentation, ergonomics
 - One nostril approach to the sella
 - Anterior and posterior ethmoidectomy
 - Maxillary flap
 - Transpterygoid approach



01:00 pm Lunch

01:45 pm LECTURES SESSION - Cavernous sinus, clivus, petrous apex

- 01:45 pm Endoscopic anatomy of the ICA, cavernous sinus and orbit
- 02:00 pm Endoscopic approach to the cavernous sinus/meckel's cave
- 02:15 pm Transpterygoid-transbasal
- 02:30 pm Approach to the clivus and petrous apex
- 02:45 pm Cases/Video

03:00 pm Coffee Break

03:15 pm PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

- Step by step dissection
- ICA exposure and opening of the cavernous sinus
 - Subtotal craniotomy and orbit
 - Transpterygoid approach
 - Approach to the petrous apex



End of the seminar

ANTERIOR CORRIDOR, ENDOSCOPIC ENDONASAL

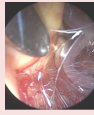
07:00 am Shuttle-bus from the Hotel to IRCAD Taiwan

07:55 am LECTURES SESSION - Transcribiform- anterior skull base

- 08:00 am Drill procedures
- 08:20 am Transcribiform approach
- 08:35 am Trans sinus approach
- 08:40 am Subfrontal, transbasal
- 09:00 am Cases/Video
- 09:15 am Coffee Break

09:45 pm PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

- Step by step dissection
- Bilateral exposure
 - Drill S
 - Removal of the ACF floor
 - Crura gall resection



01:00 pm Lunch

01:45 pm LECTURES SESSION - Cranio-cervical junction and infratemporal fossa

- 01:45 pm Endoscopic approach to the crano-cervical junction
- 02:05 pm Endoscopic approach to the infratemporal fossa
- 02:25 pm Reconstruction technique
- 02:45 pm Biportal approaches
- 03:00 am Coffee Break

03:15 pm PRACTICAL SESSION IN EXPERIMENTAL LABORATORY

- Step by step dissection
- Obturator resection
 - Extradural resection
 - Condy and XII nerve exposure
 - Medial maxillary type 3
 - Identification of muscular plane-lateral and medial
 - Identification of lingual and inferior olivator nerve on medial pterygoid muscle
 - Resection of lateral pterygoid muscle and identification of V3 and Eustachian tube
 - Identification of the paratrigonal ICA

End of the seminar
Delivery of the certificates of attendance

