

13

MICROSCOPIC AND ENDOSCOPIC APPROACHES TO THE SKULL BASE

Neurosurgery – ENT – Skull Base

Course directors [S.Froelich F] [C. Debry F]

[January 20-22
June 8-10]



> Training on anatomical specimen



13

MICROSCOPIC AND ENDOSCOPIC APPROACHES TO THE SKULL BASE

Neurosurgery – ENT – Skull Base

Welcome to the European city of Strasbourg for our course in microscopic and endoscopic approaches to the skull base. This workshop is intended for neurosurgeons or ENTs from the world over, to learn and practice the technical skills required for skull base surgery. It has been structured to provide both didactic lectures and intensive hands-on cadaver dissection sessions, covering a broad spectrum of transcranial and endoscopic approaches.

A panel of distinguished leaders in these fields will deliver lectures focusing on skull base anatomy, transcranial and endoscopic approaches as well as therapeutic strategies for skull base lesions. The scientific program will include a guest speaker session on a topic related to skull base neurosurgery, with lectures given by world-renowned experts. Topics previously discussed included acoustic neuroma, microvascular decompression, radiosurgery for skull base lesions, pediatric skull base neurosurgery and revascularization techniques. Attendees will benefit from the outstanding surgical lab environment of the IRCAD with state-of-the-art equipment provided by our dedicated sponsors. For hands-on sessions, a demonstration will be performed at the master station, transmitted onto a screen at each workstation.

In the meantime, participants will work as a team of two on prepared injected fixed specimens under the guidance of a distinguished expert Faculty.

Target audience

Practicing neurosurgeons and ENT specialists, fellows and residents in training.

Course directors

[S. Froelich F]

Department of Neurosurgery
Lariboisière Hospital
Paris Diderot University – Paris, France

[C. Debry F]

Department of Otolaryngology
Hautepierre Hospital
University of Strasbourg – Strasbourg, France

Guest faculty

K.A. Aziz <i>USA.</i>	M. Fontanella <i>I.</i>	C. Martins <i>BR.</i>	R. Sekula <i>USA.</i>
A. Bazin <i>F.</i>	H. D. Fournier <i>F.</i>	D. Mazzatenta <i>I.</i>	A. Sendegeya <i>RW.</i>
G. Bovis <i>USA.</i>	T. Fukushima <i>USA.</i>	M. McDermott <i>USA.</i>	A. Serrie <i>F.</i>
G. Brassier <i>F.</i>	S. Gaillard <i>F.</i>	T. Meling <i>NOR.</i>	C.C. Shen <i>TW.</i>
M. Cardarelli <i>I.</i>	E. Gay <i>F.</i>	J. Morcos <i>USA.</i>	E. Simon <i>F.</i>
R. Carrau <i>USA.</i>	F. Gentili <i>CAN.</i>	J.J. Moreau <i>F.</i>	D. Solari <i>I.</i>
J. Casselman <i>B.</i>	B. George <i>F.</i>	A. Morita <i>J.</i>	A. Stamm <i>BR.</i>
C. Chaalala <i>CAN.</i>	L. Gilain <i>F.</i>	S. Muneza <i>RW.</i>	C. Teo <i>AUS.</i>
S. Chibbaro <i>F.</i>	P. Herman <i>F.</i>	P. Nicolai <i>I.</i>	J.M. Tew <i>USA.</i>
L. Cavallo <i>I.</i>	N. Hopf <i>D.</i>	K. Ohata <i>J.</i>	P.V. Theodosopoulos <i>USA.</i>
W.C. Chang <i>TW.</i>	E. Houdart <i>F.</i>	K. Oyama <i>J.</i>	F. Tomasello <i>I.</i>
A. Chays <i>F.</i>	P. Jannetta <i>USA.</i>	M.L. Pensak <i>USA.</i>	P. Tran Ba Huy <i>F.</i>
T. Civit <i>F.</i>	E. Jouanneau <i>F.</i>	L. Poulsgaard <i>DK.</i>	Y.K. Tu <i>TW.</i>
C. Clara <i>BR.</i>	R. Kania <i>F.</i>	S. Puget <i>F.</i>	P. Vajkoczy <i>D.</i>
J. Cornelius <i>D.</i>	J.T. Keller <i>USA.</i>	L. Regli <i>CH.</i>	H.R. Van Loveren <i>USA.</i>
V. Couloigner <i>F.</i>	F. Kolb <i>F.</i>	A. Rhoton <i>USA.</i>	F. Veillon <i>F.</i>
A. Crockard <i>UK.</i>	L. Laccourreye <i>F.</i>	P.H. Roche <i>F.</i>	E. Vellutini <i>BR.</i>
J.C. De Battista <i>ARG.</i>	K.S. Lee <i>KOR.</i>	P. Rousseaux <i>F.</i>	K. Watanabe <i>J.</i>
A.R. Dehdashti <i>USA.</i>	J. Lehmborg <i>D.</i>	D. Scavarda <i>F.</i>	A.S. Youssef <i>USA.</i>
A. Delitala <i>I.</i>	M.J. Link <i>USA.</i>	S. Schmerber <i>F.</i>	L. Zimmer <i>USA.</i>
H. Dufour <i>F.</i>	C.F. Litre <i>F.</i>	H. Schroeder <i>D.</i>	M. Zuccarello <i>USA.</i>

MICROSURGICAL APPROACHES TO THE SKULL BASE

Surgical anatomy and techniques

| WEDNESDAY |



7.45 AM

> Registration and welcoming of participants



8.00 AM

Theoretical session

Anterolateral approaches to the skull base

- Soft tissue dissection
- Frontotemporal orbitozygomatic approach
- Anterior clinoidectomy
- Mobilisation of the lateral wall of the cavernous sinus
- Keyhole approach



10.30 AM

Practical session
in experimental laboratory



1.00 PM

> Lunch at the Institute

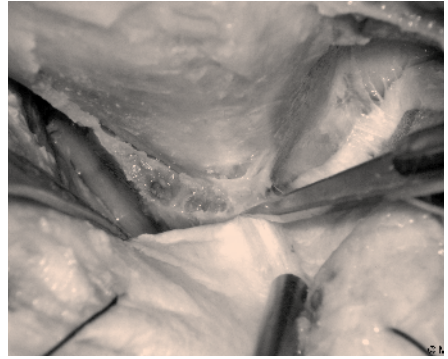


2.00 PM

Theoretical session

Craniocervical junction

- Far lateral transcondylar approach
- Anterolateral approach to the craniocervical junction and jugular foramen



3.45 PM

Practical session
in experimental laboratory



7.00 PM

> End of session



7.15 PM

> Cheese and Wine Cocktail for attendees

MICROSURGICAL APPROACHES TO THE SKULL BASE

Surgical anatomy and techniques

| THURSDAY |



7.45 AM

> Evaluation of the previous day



8.00 AM

Theoretical session

Lateral transpetrosal approaches to the skull base

- Petrous bone anatomy
- Retrosigmoid approach
- Translabyrinthine approach
- Anterior petrosectomy
- Combined petrosectomy



10.30 AM

Practical session in experimental laboratory



1.00 PM

> Lunch at the Institute



2.00 PM

> Special lectures / guest speakers



3.00 PM

Practical session in experimental laboratory



6.30 PM

> End of session



8.30 PM

> Dinner in honor of participants



You can register online
for IRCAD courses at
Or use this code for a flash
registration at this course

www.ircad.fr



This program may be subject to modifications.

According to the French law "informatique et liberté", you have the right to access and modify your personal data, which may be transmitted to other companies, associations or organisations.

ENDOSCOPIC APPROACHES TO THE SKULL BASE

FRIDAY |



7.45 AM

> Evaluation of the previous day



8.00 AM

Theoretical session

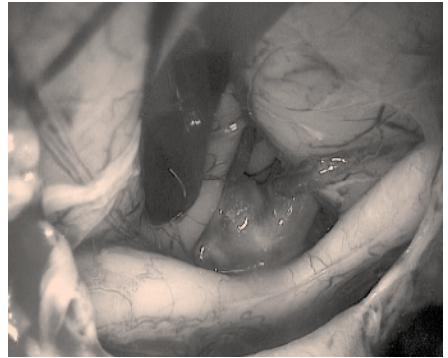
Endoscopic endonasal approaches

- Endoscopic anatomy of the nasal cavities and sphenoid sinus
- Endoscopic anatomy of the ICA
- Endoscopic approach to the sella
- Tailored approach to the planum, clivus, cavernous sinus, petrous apex, orbital apex, pterygopalatine, infratemporal fossa, craniocervical junction
- Closure strategy



12.30 PM

> Lunch at the Institute



1.30 PM

Practical session
in experimental laboratory



6.30 PM

> End of course / Delivery of certificates of attendance



Course 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 sessions 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 case discussions between experts and trainees



Educational methods

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

THERE IS NO BETTER WAY TO LEARN: IRCAD, 22 YEARS OF EXCELLENCE

With the support of:



| Training on www.websurg.com

weBSurg
the e-surgical reference

WebSurg is a free access website dedicated to education in minimally invasive surgery and accessible in 7 languages (French, English, Spanish, Japanese, Chinese, Portuguese, Russian).

| CME accreditation and course endorsements

IRCAD courses are accredited by the **European Accreditation Council for Continuing Medical Education (EACCME)** to provide CME activity to European medical specialists in their home country.

Every IRCAD course is designated as meeting the criteria for the **American Medical Association (AMA)** Physician's Recognition Award (PRA) Category 1 Credit(s)TM. Physicians may apply to convert EACCME credits into AMA PRA Category 1 CreditsTM.

The IRCAD courses meet the guidelines established in the "**SAGES Framework for Post-Residency Surgical Education and Training**" and are endorsed by the Society of American Gastrointestinal Endoscopic Surgeons.

The IRCAD has been accredited as a comprehensive Accredited Education Institute (AEI) by the **American College of Surgeons (ACS)**.

The skull base courses are endorsed by the **WFNS**.



ACCREDITED EDUCATION INSTITUTESTM
Accredited Education Institute



ircad
France

For further details, please contact :
Secretariat of **Professor J. Marescaux**

IRCAD - Hôpitaux Universitaires
1 place de l'Hôpital | BP 426 | F-67091 Strasbourg Cedex
Phone +33 3 88 11 90 00 | Fax +33 3 88 11 90 99
E-mail Training@ircad.fr | Website www.ircad.fr

STORZ
KARL STORZ—ENDOSKOPE

Medtronic