

# MICROSCOPIC AND ENDOSCOPIC APPROACHES TO THE SKULL BASE

NEUROSURGERY-ENT-SKULL BASE

STRASBOURG UNIVERSITY | FRANCE

Training on anatomical specimens

Courses

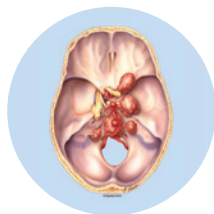
**January 17-19**

**June 6-8**

Course directors

**S. Froelich F.**

**C. Debray F.**



ircad

SKULL BASE  
SURGERY  
2018

# GENERAL INFORMATION

## 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.

You can register online  
for IRCAD courses at

**[www.ircad.fr](http://www.ircad.fr)**

Or use this code for a flash  
registration for this course



# FACULTY

## 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



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ZURICH

## Guest faculty

O. Al-Mefty **USA**. K.A. Aziz **USA**. A. Bazin **F**.  
R. Behr **D**. V. Benes **CZ**. H. Bertalanfy **D**.  
G. Bovis **USA**. O. Bozinov **CH**. G. Brassier **F**.  
R. Carrau **USA**. J. Casselman **B**. L. Cavallo **I**.  
C. Chaalala **CAN**. W.C. Chang **TW**. A. Chays **F**.  
S. Chibbaro **F**. T. Civit **F**. C. Clara **BR**.  
J. Cornelius **D**. V. Couloigner **F**.  
J.C. De Battista **ARG**. A.R. Dehdashti **USA**.  
A. Delitala **I**. J.L. Dietemann **FRA**. H. Dufour **F**.  
H.D. Fournier **F**. T. Fukushima **USA**. S. Gaillard **F**.  
P. Gardner **USA**. E. Gay **F**. F. Gentili **CAN**.  
B. George **F**. L. Gilain **F**. A.W. Grande **D**.  
S. Hanakita **J**. F.P. Herman **F**. N. Hopf **D**.  
E. Houdart **F**. E. Jouanneau **F**. R. Kania **F**.  
J.T. Keller **USA**. M. Labidi **CAN**. L. Laccourreye **F**.  
J.A. Landeiro **BR**. K.S. Lee **KOR**. J. Lehmberg **D**.  
M.J. Link **USA**. C.F. Litre **F**. J. Liu **USA**.  
V. Martino **I**. C. Martins **BR**. D. Mazzatenta **I**.  
M. McDermott **USA**. T. Meling **NOR**. J. Morcos **USA**.  
J.J. Moreau **F**. S. Muneza **RW**. K. Ohata **J**.  
K. Oyama **J**. M.L. Pensak **USA**. L. Poulsgaard **DK**.  
S. Puget **F**. L. Regli **CH**. P.H. Roche **F**.  
P. Rousseaux **F**. A. Samii **D**. D. Scavarda **F**.  
K. Schaller **CH**. S. Schmerber **F**. H. Schroeder **D**.  
R. Sekula **USA**. A. Sendegya **RW**. A. Serrie **F**.  
C.C. Shen **TW**. E. Simon **F**. D. Solari **I**. A. Stamm **BR**.  
A. Sufianov **R**. C. Teo **AUS**. J.M. Tew **USA**.  
P.V. Theodosopoulos **USA**. F. Tomasello **I**.  
P. Tran Ba Huy **F**. Y.K. Tu **TW**. P. Vajkoczy **D**.  
H.R. Van Loveren **USA**. F. Veillon **F**. E. Vellutini **BR**.  
K. Watanabe **J**. A.S. Youssef **USA**. L. Zimmer **USA**.  
M. Zuccarello **I**.

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# 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 ON ANATOMICAL SPECIMENS

#### 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 ON ANATOMICAL SPECIMENS

#### 7.00 PM

End of session

#### 7.15 PM

Cheese and Wine Cocktail for attendees

### 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 ON ANATOMICAL SPECIMENS

#### 1.00 PM

Lunch at the Institute

#### 2.00 PM

### SPECIAL LECTURES / GUEST SPEAKERS

#### 3.00 PM

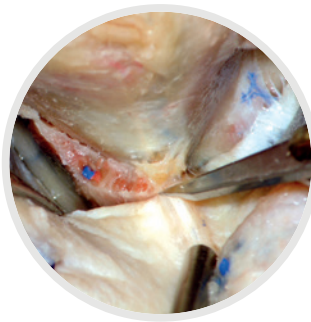
### PRACTICAL SESSION ON ANATOMICAL SPECIMENS

#### 7.00 PM

End of session

#### 8.30 PM

Dinner in honor of participants



# 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

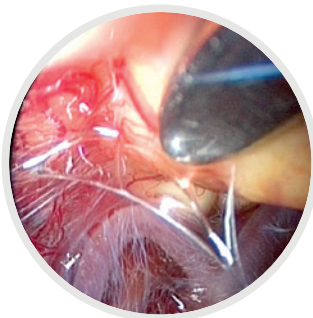
## PRACTICAL SESSION ON ANATOMICAL SPECIMENS

### 6.30 PM

End of course

Delivery of certificates of attendance

*This program may be subject  
to modifications.*



## 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 specimens





Built in the 18th century, and renovated by the IRCAD with a contemporary flair true to the style of the compounds.



## LES HARAS HOTEL \*\*\*\*

Located 50 meters  
away from IRCAD

### **SPECIAL OFFER**

Register for the course  
and benefit from our  
hotel package

### **CANCELLATION POLICY - REGISTRATION**

Should you wish to cancel or postpone your registration, please notify us in writing by e-mail to **cancellation@ircad.fr** or by fax at +33 3 88 11 90 28.

Please note that no refund nor postponement will be considered for cancellation received less than 6 weeks before the course starts even if Visa application has been denied.

**In case of unavailability, we shall make our best to reaccommodate you in a nearby hotel of equal standard.**

### **CANCELLATION POLICY - HOTEL ACCOMMODATION**

Should you wish to cancel or change your hotel accommodation, please notify us in writing by e-mail to **cancellation@ircad.fr** or by fax at +33 3 88 11 90 28.

Please do not contact hotels directly.

- Cancellation received earlier than 10 days before the course starts is eligible for full hotel refund.
- Cancellation received later than 10 days before the course starts is eligible for hotel refund – minus one night deposit.



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## TRAINING ON [WWW.WEBSURG.COM](http://WWW.WEBSURG.COM)

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 meets the criteria for the **American Medical Association (AMA)** Physician's Recognition Award (PRA) Category 1 Credit(s)<sup>TM</sup>. Physicians may apply to convert EACCME credits into AMA PRA Category 1 Credits<sup>TM</sup>.

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 certification of IRCAD programs by the **American College of Surgeons (ACS)** extends until December 2017. An application for the recertification of IRCAD as a comprehensive Accredited Education Institute (AEI) by the ACS has been submitted in July 2017.

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



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