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. Debry F.
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 [QR Code Image]
FACULTY

Directors

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C. Debry F.
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Guest faculty

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C. Chaalala CAN, W.C. Chang TW, A. Chays F.
S. Chibbaro F, T. Civit F, C. Clara BR.
J. Cornelius D, V. Coulignon 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. Glain 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. Lehmborg 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.
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.
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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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<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7.45 AM</td>
<td>Registration and welcoming of participants</td>
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<tr>
<td>8.00 AM</td>
<td><strong>THEORETICAL SESSION</strong></td>
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<tr>
<td></td>
<td>Anterolateral approaches to the skull base</td>
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<tr>
<td></td>
<td>• Soft tissue dissection</td>
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<td>• Frontotemporal orbitozygomatic approach</td>
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<td>• Anterior clinoidectomy</td>
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<td>• Mobilisation of the lateral wall of the cavernous sinus</td>
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<td>• Keyhole approach</td>
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<tr>
<td>10.30 AM</td>
<td><strong>PRACTICAL SESSION ON ANATOMICAL SPECIMENS</strong></td>
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<tr>
<td>1.00 PM</td>
<td>Lunch at the Institute</td>
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<tr>
<td>2.00 PM</td>
<td><strong>THEORETICAL SESSION</strong></td>
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<td>Craniocervical junction</td>
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<td>• Far lateral transcondylar approach</td>
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<td>• Anterolateral approach to the craniocervical junction and jugular foramen</td>
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<tr>
<td>3.45 PM</td>
<td><strong>PRACTICAL SESSION ON ANATOMICAL SPECIMENS</strong></td>
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<tr>
<td>7.00 PM</td>
<td>End of session</td>
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<tr>
<td>7.15 PM</td>
<td>Cheese and Wine Cocktail for attendees</td>
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**Thursday**

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<th>Time</th>
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<tbody>
<tr>
<td>7.45 AM</td>
<td>Evaluation of the previous day</td>
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<tr>
<td>8.00 AM</td>
<td><strong>THEORETICAL SESSION</strong></td>
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<td></td>
<td>Lateral transpetrosal approaches to the skull base</td>
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<td>• Petrous bone anatomy</td>
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<td>• Retrosigmoid approach</td>
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<td>• Translabyrinthine approach</td>
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<td>• Anterior petrosectomy</td>
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<td>• Combined petrosectomy</td>
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<tr>
<td>10.30 AM</td>
<td><strong>PRACTICAL SESSION ON ANATOMICAL SPECIMENS</strong></td>
</tr>
<tr>
<td>1.00 PM</td>
<td>Lunch at the Institute</td>
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<tr>
<td>2.00 PM</td>
<td><strong>SPECIAL LECTURES / GUEST SPEAKERS</strong></td>
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<tr>
<td>3.00 PM</td>
<td><strong>PRACTICAL SESSION ON ANATOMICAL SPECIMENS</strong></td>
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<tr>
<td>7.00 PM</td>
<td>End of session</td>
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<tr>
<td>8.30 PM</td>
<td>Dinner in honor of participants</td>
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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, craniocephalic 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
In case of unavailability, we shall make our best to reaccommodate you in a nearby hotel of equal standard.

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.

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.
REGISTRATION FORM

Dr./Prof. Family name
First name
Professional address
Zip code: City
Country: Phone
Fax: Mobile phone
E-mail

☐ January 17-19
☐ June 6-8

REGISTRATION ONLY
Theoretical sessions + Practical sessions on anatomical specimens 1480 €

REGISTRATION WITH HOTEL / IRCAD PACKAGE
Preferential rate at Les Haras Hotel**** (opposite the IRCAD Institute)
3 nights, single room, breakfast and city tax included
(check-in on the night before the course, check-out on the last day of the course)
Theoretical sessions + Practical sessions on anatomical specimens 1915 €

ADDITIONAL NIGHT: ___/____/2018 145 €

Deadline for hotel booking is 10 days before the course. After that point, IRCAD cannot guarantee room availability. Bookings are made on a first-come, first-served basis.

PAYMENT
Please bill my credit card: VISA MC AMEX
N° Expiry Date Security code

I accept the cancellation policies please see page 7

Please find enclosed a check* for (total amount):
*check made payable to “IRCAD” and addressed to:

IRCAD Hôpitaux Universitaires
BP 426 / F-67091 Strasbourg Cedex
E-mail: training@ircad.fr / Fax: +33 3 88 11 90 28

IRCAD/ FRANCE
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**TRAINING ON 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)™**. Physicians may apply to convert EACCME credits into AMA PRA Category 1 Credits™.

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**.

For further details, please contact:

Secretariat of **Professor J. Marescaux**

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