360 Degree Skull Base Course
Training on anatomical specimens

2020
January 28-31
June 16-19

Course directors
S. Froelich
C. Debry

IRCAD
Strasbourg University
FRANCE
The scientific program will include a guest speaker session on a topic related to skull base neurosurgery, with lectures delivered by world-renowned experts. Topics previously discussed included acoustic neuroma, microvascular decompression, radiosurgery for skull base lesions, pediatric skull base neurosurgery, brainstem cavernomas, chordomas, revascularization and reconstruction techniques.

Attendees will benefit from more than 27 hours of hands-on dissection in the outstanding IRCAD surgical lab environment with state-of-the-art equipment provided by our dedicated sponsors. For hands-on sessions, a live demonstration will be performed at the master station, broadcasted on a 3D screen and at each workstation. In the meantime, participants will work in pairs on prepared injected fixed specimens, under the guidance of a distinguished expert faculty.

Welcome to the European city of Strasbourg!

Join our 4-day 360-degree skull base course dedicated to microscopic and endoscopic approaches to the skull base. This full immersion workshop is intended for neurosurgeons or ENTs from the world over, who wish to learn and practice the technical skills required for skull base surgery. It has been structured to provide didactic lectures, surgical videos, and over 27 hours of hands-on cadaver dissection sessions, covering a broad spectrum of transcranial keyhole, endoscopic, endonasal and combined approaches.

A panel of prominent leaders in these fields of expertise will deliver lectures focusing on skull base anatomy, transcranial, endoscopic-assisted and endoscopic endonasal approaches as well as therapeutic strategies for skull base lesions.

Target audience

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

Course highlights

- Full immersion
- 27 hours of hands-on practice
- Didactic lectures and videos from world-renowned experts
- Live 3D demonstrations broadcasted at each station
- Full HD camera, microscope, endoscope and exoscope
- High-speed drill, neuronavigation, headholders, adequate instrumentation for all
- Outstanding facilities

With the support of:
Faculty

Course directors

S. Froelich F
Department of Neurosurgery
Lariboisière Hospital
Paris Diderot University – Paris, France

C. Debrý F
Department of Otolaryngology
Hautepierre Hospital
University of Strasbourg – Strasbourg, France

Guest faculty

O. Al-Mefty USA  K.A. Aziz USA  A. Bazin F
R. Behr D  H. Bertalanfy D  G. Bovis USA
O. Bozinov CH  G. Brassier F  M. Bruneau B
R. Carrau USA  J. Casselman B  L. Cavallo I
C. Chaalala CAN  P.O. Champagne 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  M. Fornari I
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  M. Guk UKR
S. Hanakita J  F.P. Herman F  N. Hopf D
E. Houdart F  E. Jouanneau F  I. Kanaan SA
R. Kania F  C. Karekezi RW  J.T. Keller USA
F. Kolb F  M. Labidi CAN  L. Laccourreye F
J.A. Landeiro BR  K.S. Lee KOR  J. Lehmerg D
M.J. Link USA  C.F. Litre F  J. Liu USA  D. Locatelli I
D. Lubbe SAF  T. Mathiesen S  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
H.H. Park KOR  E. Pasquini i  M.L. Pensak USA
F. Pessina i  L. Poulsgaard DK  S. Puget F
I. Radovanovic CAN  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. Sendegeya 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
PV. Theodosopoulos USA  N. Thomas UK
F. Tomaszelo I  P. Tran Ba Huy F  Y.K. Tu TW
P. Vajkoczy D  H.R. Van Loveren USA
K. Van Overbeke NL  F. Veillon F  E. Vellutini BR
E. Voormolen NL  K. Watanabe J  Y. Yakkioui NL
A.S. Youssef USA  L. Zimmer USA  M. Zuccarello I
Tuesday

7.30 am
Registration and welcoming of participants

7.45 am
— Theoretical session
Anterolateral approaches to the skull base
- Positioning/equipment in skull base surgery
- Inter and subfacial dissection
- Retrograde dissection of the temporalis muscle
- Frontotemporal orbitozygomatic approach
- Peeling of the lateral wall of the cavernous sinus
- Extradural anterior clinoidectomy

2.00 pm
— Theoretical session
Anterior petrosal approaches
- Rhomboid fossa anatomy
- Anterior petrosal approach
- Cranial nerve monitoring

3.30 pm
— Practical session on anatomical specimens

7.00 pm
End of the session

7.15 pm
Cheese and wine Cocktail for attendees

1.15 pm
Lunch at the institute

You can register online for IRCAD courses at www.ircad.fr
Or use this code for a flash registration for this course
Wednesday

7.30 am
Evaluation of the previous day

7.45 am
— Theoretical session

**Posterior petrosal approaches**

- Petrous bone anatomy
- Retrosigmoid approach
- Posterior petrosal
- Translabyrinthine approach
- Combined petrosectomy

9.30 am
— Practical session on anatomical specimens

1.15 pm
Lunch at the institute

2.00 pm
— Theoretical session

**Posterolateral approaches**

- Far lateral approach
- Anterolateral approach
- Approach to the jugular foramen
- Combined strategies for craniocervical junction tumors

3.30 pm
— Practical session on anatomical specimens

7.00 pm
End of the session
Free evening

**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

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<th>Time</th>
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<td>7.30 am</td>
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| 7.45 am    | **Theoretical session**  
**Keyhole endoscopic assisted approaches**  
- Keyhole concept  
- Supraorbital approach – eyebrow incision  
- Supraorbital approach – eyelid incision  
- Endoscopic transorbital approach  
- Minipterional approach | 7.45 am **Theoretical session**  
**Endoscopic endonasal approaches to the skull base**  
- Endoscopic endonasal approach to craniopharyngiomas  
- Endoscopic endonasal approach to skull base meningiomas  
- Endoscopic endonasal approach to clival chordomas |
| 9.30 am    | **Practical session**  
on anatomical specimens                                                              | 10.00 am **Practical session**  
on anatomical specimens                |
| 1.15 pm    | Lunch at the institute                                                     | 12.15 pm Lunch at the institute                                          |
| 2.00 pm    | **Theoretical session**  
**Endoscopic endonasal approaches to the skull base**  
- Endonasal anatomy of the nasal, para-nasal cavities and skull base  
- Positioning, equipment, ergonomic  
- Endoscopic endonasal approach to pituitary adenomas  
- Posterior ethmoidectomy, antrostomy, transpterygoid approach  
- Endoscopic endonasal approach to the cavernous sinus | 1.00 pm **Theoretical session**  
**Endoscopic endonasal approaches to the skull base**  
- Endoscopic approach to the craniocervical junction and condyle  
- Closure strategy in endoscopic skull base surgery |
| 3.30 pm    | **Practical session**  
on anatomical specimens                                                                 | 3.00 pm **Practical session**  
on anatomical specimens                |
| 7.00 pm    | End of session                                                            | 6.30 pm End of course                                                   |
| 8.30 pm    | Dinner in honor of the participants                                       | Delivery of certificates of attendance                                   |

*This program may be subject to modifications.*
360 Degree Skull Base Course 2020

English-speaking courses / Limited to 32 participants

Registration form

Dr./Prof. Family name

First name

Professional address

Zip code City

Country

Phone Mobile phone

E-mail

☐ January 28-31
☐ June 16-19

☐ Course registration with hotel / IRCAD package 2542 €
☐ Additional night: specify the date ___ / ___ / 2020 148 €

☐ Course registration without hotel 1950 €

Payment

Please bill my credit card: ☐ VISA ☐ MC ☐ AMEX

N° | | | | | | | | | | Expiry Date | | / | | Security code | | | |

☐ I Accept the Cancellation Policies, see p.9/10

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

IRCAD
Hôpitaux Universitaires
BP 426/F-67091 Strasbourg Cedex
E-mail: training@ircad.fr

Name & Signature:
Registration fees include

- Theoretical sessions
- Practical training on anatomical specimens
- Coffee breaks and lunches
- One cheese and wine cocktail
- One dinner
- European CME credits

Hotel accommodation

IRCAD package

Preferential rate at Les Haras Hotel**** (opposite the IRCAD Institute) 4 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)

Cancellation policy

Course registration

Should you wish to cancel or postpone your registration, please notify us by e-mail to cancellation@ircad.fr

Please note that no refund or postponement will be considered for any cancellation received less than 6 weeks before the course starts, even if Visa application has been denied.
Register for the course and benefit from our hotel package

**SPECIAL OFFER**

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

**Booking policy**

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.

- 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 by e-mail to cancellation@ircad.fr

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 a one night deposit.
So easy to get to Strasbourg

**From Frankfurt**
220 km/2 ½ hours

- 6 shuttle buses/day
  - www.lufthansa.com
- Private Limousine
  - www.vtctravel.fr

**From Strasbourg-Entzheim**
18 km/20 minutes

- taxi
- Connecting flights from Amsterdam and Brussels
  - www.airfrance.fr
  - www.brusselsairlines.com
  - www.klm.com

**IRCAD recommends**

Other airports nearby:
- Basel
- Karlsruhe
- Paris
- Stuttgart
- Zurich
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, Portuguese, Russian, traditional Chinese and simplified Chinese).

CME accreditation and course endorsements
Every year since 2007, IRCAD courses have been accredited by the European Accreditation Council for Continuing Medical Education (EACCME), Institution of the European Union of Medical Specialists (EUMS), to provide CME credits to European medical specialists in their home country. Applications have been made to the EUMS EACCME® for CME accreditation of IRCAD events for 2020.

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 Credit(s)™.

IRCAD courses meet the guidelines established in the “SAGES Framework for Post-Residency Surgical Education and Training” and are endorsed at the Gold level by the Society of American Gastrointestinal Endoscopic Surgeons.

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.

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