



SKULL BASE 360°

2025

THE FULL MICRO/ENDO/RADIOSURGERY SPECTRUM

DATES

January 20 - 24

June 16 - 20

COURSES DIRECTORS

S. Froelich (FR)

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IRCAD FRANCE, THE BEST TRAINING CENTER IN THE WORLD

- More than 50 courses in minimally invasive surgery, GI endoscopy, robotic surgery, and arthroscopy.
- More than 800 international experts from prestigious hospitals worldwide contributing their expertise to our programs.
- Annually, around 8,000 surgeons trained through our comprehensive on-site and online courses.



REGISTRATION FEES INCLUDE

- Theoretical sessions
- **Hands-on sessions on anatomical specimens**
- Coffee breaks and lunches
- One cheese and wine cocktail
- One dinner

- 7:45 am ◇ REGISTRATION AND WELCOMING OF PARTICIPANTS

- 8:00 am ◆ **THEORETICAL SESSION**
Radiosurgery session
 - Principles and evolution
 - Equipment and nuances
 - Radiosurgery for vestibular schwannomas
 - Radiosurgery for skull base meningiomas

- 12:30 pm ◇ LUNCH AT THE INSTITUTE

- 2:00 pm ◆ **PRACTICAL SESSION ON SIMULATORS**
 - Case presentation
 - Treatment planning

- 6:00 pm ◇ END OF SESSION
EVENING FREE

- 7:30 am ◇ REVIEW OF THE PREVIOUS DAY'S SESSIONS
- 7:45 am ◆ **THEORETICAL SESSION**
Anterolateral approaches to the skull base
- Positioning/equipment in skull base surgery
 - Interfascial and subfascial dissection
 - Retrograde dissection of the temporalis muscle
 - Frontotemporal orbitozygomatic approach
 - Peeling of the lateral wall of the cavernous sinus
 - Extradural anterior clinoidectomy
- 9:30 am ◆ **HANDS-ON SESSION ON ANATOMICAL SPECIMENS**
- 1:15 pm ◇ LUNCH AT THE INSTITUTE
- 2:00 pm ◆ **THEORETICAL SESSION**
Anterior petrosal approaches
- Rhomboid fossa anatomy
 - Anterior petrosal approach
 - Cranial nerve monitoring
- 3:30 pm ◆ **HANDS-ON SESSION ON ANATOMICAL SPECIMENS**
- 7:00 pm ◇ END OF SESSION
- 7:15 pm ◇ CHEESE AND WINE COCKTAIL FOR ATTENDEES

- 7:30 am ◇ REVIEW OF THE PREVIOUS DAY'S SESSIONS
- 7:45 am ◆ **THEORETICAL SESSION**
Posterior petrosal anatomy
 - Petrous bone anatomy
 - Retrosigmoid approach
 - Posterior petrosal
 - Translabyrinthine approach
 - Combined petrosectomy
- 9:30 am ◆ **HANDS-ON 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 ◆ **HANDS-ON SESSION ON ANATOMICAL SPECIMENS**
- 7:00 pm ◇ END OF SESSION
- 8:30 pm ◇ DINNER IN HONOR OF THE PARTICIPANTS

- 7:30 am ◇ REVIEW OF THE PREVIOUS DAY'S SESSIONS
- 7:45 am ◆ **THEORETICAL SESSION**
Keyhole endoscopically assisted approaches
- Keyhole concept
 - Supraorbital approach - eyebrow incision
 - Minipterional approach
 - Endoscopic transorbital approach
- 9:30 am ◆ **HANDS-ON SESSION ON ANATOMICAL SPECIMENS**
- 1:15 pm ◇ LUNCH AT THE INSTITUTE
- 2:00 pm ◆ **THEORETICAL SESSION**
Training procedures
- Endonasal anatomy of the nasal, paranasal cavities and skull base
 - Positioning, equipment, ergonomics
 - Endoscopic endonasal approach to the sellae
 - Posterior ethmoidectomy, antrostomy, transpterygoid approach
 - Endoscopic endonasal approach to the cavernous sinus
- 3:30 pm ◆ **HANDS-ON SESSION ON ANATOMICAL SPECIMENS**
- 7:00 pm ◇ END OF SESSION
EVENING FREE

- 7:30 am ◇ REVIEW OF THE PREVIOUS DAY'S SESSIONS
- 7:45 am ◆ THEORETICAL SESSION
Endoscopic endonasal approaches to the skull base
 - Endoscopic endonasal approach and tuberculum sellae meningiomas
 - Endoscopic endonasal approach to the clivus
- 10:00 am ◆ HANDS-ON SESSION ON ANATOMICAL SPECIMENS
- 12:15 pm ◇ LUNCH AT THE INSTITUTE
- 1:00 pm ◆ THEORETICAL SESSION
Splenic surgery
 - Endoscopic approach to the craniocervical junction and condyle
 - Closure strategy in endoscopic skull base surgery
- 3:00 pm ◆ HANDS-ON SESSION ON ANATOMICAL SPECIMENS
- 6:30 pm ◇ END OF THE COURSE
DELIVERY OF CERTIFICATES OF ATTENDANCE

COURSE OBJECTIVES

4-DAY SKULL BASE SURGERY SESSION

- ◇ 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

1-DAY RADIOTHERAPY SESSION

- ◇ To provide an overview of the newest radiation technologies for skull base lesions
- ◇ To provide radiation strategies for skull base lesions
- ◇ To provide indications of radiation
- ◇ To allow practical sessions on on radiation therapy planning

EDUCATIONAL METHODS

- ◇ Interactive theoretical and video sessions between faculty and course participants
- ◇ Practical training on anatomical specimens
- ◇ Charge-free access to educational video resources available on WebSurg, the online university of IRCAD

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