



## SKULL BASE 360°

2025

## PROGRAMME

DATE

**JANUARY 20 - 24**

COURSE DIRECTOR

**S. Froelich (FR)**

## 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

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## **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

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## **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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