

# 14<sup>th</sup> FRIENDS international course on Minimally Invasive Skull base Anatomy. Approaches and Microsurgical techniques

13<sup>th</sup>-15<sup>th</sup> June 2026

REGISTRATION FORM IS AVAILABLE ON OUR WEBSITE  
[WWW.ICLO.EU](http://WWW.ICLO.EU)

## REGISTRATION FEE

€ 2.150,00 VAT INCLUDED

REDUCTION FEE FOR EANS MEMBERS - € 1.800,00 VAT INCLUDED

## REGISTRATION FEE INCLUDES

NR. 3 NIGHTS IN HOTEL\*\*\*\* (INCLUDING BREAKFAST)

ON 12, 13 AND 14 JUNE

NR. 2 DINNERS IN TYPICAL RESTAURANTS WITH TRANSFER SERVICE  
ON 13 AND 14 JUNE

CATERING SERVICES DURING THE COURSE

SURGICAL AND EDUCATIONAL MATERIAL

NR. 1 SPECIMEN (EVERY TWO ATTENDES)

ATTENDANCE CERTIFICATE

INSURANCE

## HOW TO REACH THE CONGRESS VENUE

The course will be held at

ICLO Teaching and Research Center San Francesco di Sales  
Via E. Torricelli, 15/a - 37135 Verona

## BY CAR

From the Motorway take the Verona Sud exit and follow the direction for Via Flavio Gioia, keep right, turn slightly left and take Via Delle Nazioni. Turn left in Via Torricelli.

## FROM THE TRAIN STATION

It takes 10 minutes by taxi (045 532666) or 18 minutes by bus, taking the n. 61 from Alpo-Via Don Melotti  
(tickets and information Azienda Trasporti Verona Srl - 045 805 7922)

## FROM VALERIO CATULLO AIRPORT IN VERONA

Proceed in direction South, take the Tangenziale Sud and take the exit 6-Alpo, turn left in Strada dell'Alpo in direction Verona center, after about 2 km turn right in Via Torricelli.

## QR POSITION



SCAN WITH YOUR PHONE QR CODE TO GET THE NAVIGATOR

I | C | L | O

EVOLVING SURGERY, APPLIED.

## COURSE VENUE

ICLO Teaching and Research Center  
Via E. Torricelli, 15/a - 37135 Verona

## ORGANIZING SECRETARIAT AND CME PROVIDER

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under the auspices of



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Minimally Invasive Skull base Anatomy  
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Verona, Italy  
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**F.R.I.E.N.D.S.**  
Surgical Courses



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### SATURDAY JUNE 13, 2025

#### **The Pterional and Mini-pteronal Approaches (right side)**

07:45-08:00 Registration  
08:00-09:30 Lectures: Microsurgical anatomy and Technical Aspects  
08:00 Positioning of the patient. Skin incision. One / two-layer skin flaps. Bone flap. Handling of the frontal sinus  
08:30 The Sylvian fissure and basal cisterns: Microsurgical anatomy and techniques  
08:45 Basic drilling techniques.  
09:30-10:15 Demo dissection: Pterional craniotomy and clinoidectomy, anterior cavernous sinus exposure and dissection  
10:15-13:00 Laboratory dissections  
13:00-13:45 Working lunch and summary of the morning session

#### **The Lateral Supraorbital - Subfrontal Approach (left side)**

14:00-14:30 Lectures: Microsurgical anatomy and Principles of the supraorbital approach. Layering of the patient, placing bur-holes, craniotomies, handling the sinus, opening the dura, handling of bridging veins  
14:30-15:00 Demo dissection: The supraorbital approach  
15:00-17:00 Laboratory dissections  
17:00 Summary of afternoon session  
18:00 The Special Guest official lecture in the conference room of the Hotel  
19:00 Informal Dinner

### SUNDAY JUNE 14, 2025

#### **The Subtemporal Approach**

08:00-09:00 Lectures: Technical aspects. Clinical use of the sub temporal approach. Layering of the patient. Skin incision. Bone flap. Microsurgical anatomy  
09:00-10:00 Demo dissection: sub temporal approach: incision, craniotomy, exposure and cutting of tentorium, brainstem, cranial nerves and arteries exposure  
10:00-12:30 Laboratory dissections  
13:00-13:45 Working Lunch and summary of the morning session

### **The Parasagittal Approach**

13:00-14:00 Lectures

- Microsurgical anatomy and Principles of the Parasagittal Approach. Layering of the patient, placing bur-holes, craniotomies, handling the sinus, opening the dura, handling of bridging veins.
- Transcallosal approach to lateral and third ventricles. Overview of intraventricular pathologies

  
14:30-15:00 Demo dissection: Parasagittal Approach  
15:00-17:00 Laboratory dissections  
17:00 Summary of afternoon session  
18:00 The Honoured Guest official lecture in the conference room of the Hotel  
19:00 Formal Dinner and distribution of certificates

### MONDAY JUNE 15, 2025

#### **The Lateral Suboccipital (Retrosigmoid) Approach**

08:00-09:00 Lectures  
08:00-08:20 Microsurgical anatomy and principles of the Lateral Suboccipital Approach: Layering of the patient, bur-holes, craniotomy, handling of the sinus, opening the dura, decompression by CSF-release  
08:20-08:40 Clinical use of the Lateral Suboccipital Approach and pathologies in the CPA angle, including supracerebellar-infratentorial paramedical and lateral exposures  
08:40-09:00 Minimal approach to craniocervical junction, including removal of C1-arch - midline  
09:00-09:30 Demo dissection:

1. lateral suboccipital approach, exposure of CPAngle, including lateral and paramedian supracerebellar.
2. midline minimal approach to CCJ with removal of the arch of C1

  
09:30-13:00 Laboratory dissections:  
09:30-11:30 Lateral suboccipital approach (retrosigmoid)  
11:30-13:00 Minimal midline approach to CCJ  
13:00 Course summary and general discussion

### **Course Directors**

**Miguel Angel Arraez Sanchez, MD** Professor and Chairman, Dept of Neurosurgery Carlos Haya University Hospital Malaga University – Spain  
**Jon Ramm Pettersen, MD** Faculty Member Oslo University Hospital, Department of Neurosurgery Oslo, Norway  
**Arne Roos, MD** Professor, Dept. of Neurosurgery Sahlgrenska Univ. Hospital Gothenburg, Sweden  
**Pedro Alberto Silva, MD** Department of Neurosurgery Hospital São João Faculty of Medicine University of Porto  
**Uwe Spetzger, MD** Professor - Chief of Neurosurgery of Klinikum Karlsruhe - Germany

### **International Honoured Guest**

**Marcos Tatagiba, Univ. Prof. Dr. med.**

Chairman and Director Department of Neurosurgery University of Tübingen, Germany

### **Special Guest**

**Peter A. Winkler, Univ. Prof. Dr. med.**

Emeritus Professor and Chairman Neurosurgery Paracelsus Medical University of Salzburg-Austria Honorary President of the Salzburg Medical Society Guest Professor and Researcher at Berlin Charité Neurosurgery Universitätsmedizin Berlin-Germany