

**13<sup>th</sup> FRIENDS international course on  
Minimally Invasive Skull base Anatomy.  
Approaches and Microsurgical techniques  
Verona, April 2-4, 2025**

**REGISTRATION FORM IS AVAILABLE ON OUR WEBSITE  
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 1, 2 AND 3 APRIL

NR. 2 DINNERS IN TYPICAL RESTAURANTS WITH TRANSFER SERVICE

ON 2 AND 3 APRIL

CATERING SERVICES DURING THE COURSE

SURGICAL AND EDUCATIONAL MATERIAL

NR.1 SPECIMEN (EVERY TWO ATTENDEES)

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

**With the unconditional support of**



**UBER ROS**

**Medtronic**



**BLACK  
FOREST  
MEDICAL  
GROUP**

**COURSE VENUE**

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



**ORGANIZING SECRETARIAT**

ICLO Verona SRL

Ph. +39 045 2590046

Mob. +39 392 14 36 438

info@iclo.eu - www.iclo.eu

under the auspices of



**13<sup>th</sup> FRIENDS international course on  
Minimally Invasive Skull base Anatomy  
Approaches and Microsurgical techniques**

**Verona, Italy  
April 2-4, 2025**

**F.R.I.E.N.D.S.  
Surgical Courses**





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

### WEDNESDAY APRIL 02, 2025

#### The Pterional and Mini-pterional 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

### THURSDAY APRIL 03, 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

### FRIDAY APRIL 04, 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 paramedian 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

**Florian H. Ebner, MD**  
Chief of the Department  
of Neurosurgery,  
Alfried Krupp Hospital,  
Essen Germany

**Luc De Waele, MD**  
Director Neurosurgery  
Ghent, Belgium

**Dirk De Ridder, MD**  
Professor Dept. of Neurosurgery  
Dunedin School of Medicine  
University of Otago  
Otago, New Zealand

**Iver Langmoen, MD**  
Professor, Dept. of Neurosurgery  
Oslo University Hospital  
Oslo, Norway

**Luciano Mastronardi, MD**  
Chief of Neurosurgery  
San Filippo Neri Hospital  
ASLRoma1, Rome, Italy

### International Honoured Guest

**Marcos Tatagiba, Univ. Prof. Dr. med.**  
Chairman and Director  
Department of Neurosurgery  
University of Tübingen, Germany

### Special Guest

**Sanjeeva Jeyaretna, MD**  
Clinical Lead and Co-Director  
Oxford Skull Base Surgery Programme

**Ramesh Nair, MD**  
Consultant Neurosurgeon,  
Charing Cross Hospital, London, UK

**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