

**13th 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



COURSE VENUE

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

ORGANIZING SECRETARIAT

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under the auspices of



**13th 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**



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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 and Neurovascular Programme

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