

# Eleventh International Course Basic Neurosurgical Approaches

Verona, Italy - April, 12-14 2023

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 11, 12 AND 13 APRIL

NR. 3 DINNERS IN TYPICAL RESTAURANTS WITH TRANSFER SERVICE

ON 11, 12 AND 13 APRIL

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

## 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



Eleventh International Course Basic  
Neurosurgical Approaches

Verona, Italy  
April, 12-14 2023

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



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## WEDNESDAY APRIL 12, 2023

### The Pterional Craniotomy

- 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. Type of drill to use etc
- 09:30-09.45** Demo dissection: Pterionalcraniotomy
- 09:45-12:15** Laboratory dissections
- 12:15-13:00** Working Lunch
  - 12:15 Summary of morning session

### The Subtemporal Approach

- 13:00-14:00** Lectures
  - 13:00 Technical aspects. Layering of the patient. Skin incision. Bone flap. Microsurgical anatomy
  - 13:30 Clinical use of the subtemporal approach
- 14:00-14.30** Demo dissection: subtemporal approach
- 14:30-17:00** Laboratory dissections
- 17:00-17.15** Summary of afternoon session
- 19:00** Informal Dinner

## THURSDAY APRIL 13, 2023

### The Midline Suboccipital Approach

- 08:00-09:00** Lectures
  - 08:00 Microsurgical anatomy and Principles of the Midline Suboccipital Approach. Layering of the patient, placing bur-holes, craniotomy, handling the sinus, opening the dura, decompression by CSF-release
  - 08:20 Microsurgical anatomy of the telovelar approach to the IV ventricle
  - 08:40 Principles for closing the posterior fossa
- 09:00-09.30** Demo dissection: Midline Suboccipital Approach
- 09:30-12:00** Laboratory dissections
- 12:00-13:00** Working Lunch
  - 12:00 Summary of morning session

### The Lateral Suboccipital Approach

- 13:00-14:00** Lectures
  - 13:00 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
  - 13:30 Clinical use of the Lateral Suboccipital Approach and pathologies in the CPA angle
- 14:00-14.30** Demo dissection: Lateral Suboccipital Approach
- 14:30-17:00** Laboratory dissections
- 17:00 Summary of afternoon session
- 19:00 Banquet with faculty - Certificates to qualifiers

## FRIDAY APRIL 14, 2023

### The Parasagittal Approach

- 08:00-09:00** Lectures
  - 08:00 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.
  - 08:20 Transcallosal approach to lateral and third ventricles. Overview of intraventricular pathologies
- 09:00-09.30** Demo dissection: Parasagittal Approach
- 09:30-12:00** Laboratory dissections
- 12:00-12:30** Lunch

### The Supraorbital Approach

- 12:30-13:00** 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
- 12:45-13.00** Demo dissection: The supraorbital approach
- 13:00-15:00** Laboratory dissections
- 15:00** 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

**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

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

## Special Guest

**Giampietro Pinna, MD**  
Chief of the U.O. Neurosurgery  
A.O.U.I. Verona (Italy)

**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