



OSPEDALE NIGUARDA
CA' GRANDA

2ND Cerebrovascular Training Course

USZ

Universitäts
Spital Zürich



COURSE PRESIDENTS

MARCO CENZATO
LUCA REGLI

COURSE DIRECTORS

DAVIDE BOERIS
GIUSEPPE ESPOSITO

THIS YEAR TOPIC:
ARTERIOVENOUS MALFORMATIONS
(AVMs)

MILAN MAY, 16-17 2025
ZURICH JUNE, 20-21 2025





ARTERIOVENOUS



MALFORMATIONS (AVMs)

COURSE PRESIDENTS

Marco Cenzato (Milan), Luca Regli (Zurich)

COURSE DIRECTORS

Davide Boeris (Milan), Giuseppe Esposito (Zurich)

FACULTY

Francesco Acerbi (Pisa)
Alessio Albanese (Roma)
Edoardo Boccardi (Milan)
Davide Boeris (Milan)
Carlo Bortolotti (Bologna)
Marco Cenzato (Milan)
Davide Colistra (Milan)
Giuseppe Esposito (Zurich)
Zsolt Kulcsar (Zurich)
Alessandro La Camera (Milan)
Menno Germans (Zurich)
Marco Picano (Milan)
Luca Regli (Zurich)
Tilman Schubert (Zurich)
Giuseppe Talamonti (Milan)
Luca Valvassori (Milan)

INTERNATIONAL GUEST

Giuseppe Lanzino (Rochester, USA)
Michael T. Lawton (Phoenix, USA)
Mika Niemelä (Helsinki, Finland)
Daniel Walsh (London, UK)
Ivan Radanovic (Toronto, Canada)

WITH THE PATRONAGE OF



THE EUROPEAN ASSOCIATION
OF NEUROSURGICAL SOCIETIES



ORGANIZING SECRETARIAT

PROGETKA
EVENTI & CONGRESSI



-
- 08.30 Opening the secretariat and registration
-
- 09.00 Welcome and Introduction
M. Cenzato (Milan), **L. Regli** (Zurich)
-
- 09.05 Course Presentation
D. Boeris (Milan), **C. Bortolotti** (Bologna), **G. Esposito** (Zurich)
-
- 09.10 Anatomical and Clinical Classifications of AVMs
F. Acerbi (Pisa)
-
- 09.30 Natural History of AVMs and possible causes
M. Niemela (Helsinki, Finland)
-
- 09.50 Indications - which patient, which treatment
L. Regli (Zurich)
-
- 10.10 The King's College Hospital Experience in AVMs
D. Walsh (London, UK)
-

10.30
11.00 **Coffee Break**

- 11.00 Aneurysms in AVM
E. Boccardi (Milan)
-
- 11.20 Endovascular: new strategies- the venous approach
L. Valvassori (Milan)
-
- 11.40 AVM Surgery - Live surgery
M. Cenzato (Milan)
-

12.30
13.30 **Light Lunch**

- 13.30 Radiosurgery - When, why and how
A. La Camera (Milan)
-
- 13.50 Multidisciplinary treatment of grade 4 and 5 cerebral arteriovenous malformations
C. Bortolotti (Bologna)
-



-
- 14.10 Surgery When, why and how
 D. Boeris (*Milan*)
-
- 14.30 Pediatric AVMs
 G. Talamonti (*Milan*)
-
- 14.50 **Case discussion and decision making**
 G. Esposito (*Zurich*)
-
- 15.30 Complications in AVM surgery
 M. Cenzato (*Milan*)
-
- 15.50 How to read a Spinal DSA
 E. Boccardi (*Milan*)
-
- 16.10 Spinal AVM - classifications and treatment options
 M. Cenzato (*Milan*)
-
- 16.30 Spinal AVM Surgery - **ONLINE**
 M. Lawton (*Phoenix, USA*)
-
- 17.00 Discussion and closure remarks day 1
-



09.00
17.00

WORKSHOP

Placenta Simulation Model

Microvascular dissection:
Simulation of arachnoid opening and vessel dissection
(arteries, veins, nidus)

12.30
13.30

Light Lunch

17.00
17.30

Debriefing

See you in Zurich on June 20 - 21 2025



08.00 Opening the secretariat and registration

08.30 Welcome and Introduction
M. Cenzato (Milan), **L. Regli** (Zurich)

08.35 Course presentation
D. Boeris (Milan), **G. Esposito** (Zurich)

08.40 Live surgery – cCse and live discussion
G. Esposito (Zurich), **L. Regli** (Zurich)

12.30
13.20 **Light Lunch**

13.20 How to read a supratentorial DSA for AVM
T. Schubert (Zurich)

13.40 Nuances in AVM surgery
G. Esposito (Zurich)

14.00 The surgical armamentarium
A. Albanese (Roma)

14.20 Surgical management of deep AVMs
L. Regli (Zurich)

14.40 Management of complications and Intra-operative imaging
M. Germans (Zurich)

15.00
15.25 **Coffee Break**

15.25 AVM Surgery – things that I wished I knew when I started - **ONLINE**
G. Lanzino (Rochester, USA)

15.55 Endovascular treatment concepts in AVMs
Z. Kulcsar (Zurich)

16.15 How to read an infratentorial DSA for AVM
T. Schubert (Zurich)

16.35 Management of intra-operative AVM bleeding
M. Cenzato (Milan)

16.55 **Case discussion and decision making - closure remarks day 3**
D. Boeris (Milan)



09.00
17.00

WORKSHOP

Placenta Simulation Model

Microvascular dissection:
Simulation of arachnoid opening and vessel dissection
(arteries, veins, nidus)

12.30
13.30

Light Lunch

17.00
17.30

Closing Remarks and greetings



**GENERAL
INFORMATION**
Milan, Italy
16-17 MAY 2025



Days 1 – 2 **AIMS Academy**

Niguarda Ca' Granda Hospital
Piazza Ospedale Maggiore, 3
20162 Milan, Italy

*AIMS is located inside the
Niguarda Cà Granda Hospital,
in the north-west part of Milan*



ACCOMMODATION OPTIONS

Suggested Hotel

- Novotel Milano Nord Ca' Granda ★★★★★
<https://all.accor.com>

TRANSPORTATION

From railway Milan Central Station

- Metro 3 (yellow) to Piazzale Maciachini,
then tram n. 4 towards Niguarda
- Tram 5 with stop in Viale Ca' Granda

From railway Garibaldi Station

- Metro 5 (lilac) to the Istria stop,
then tram n. 5 direction Hospital





**GENERAL
INFORMATION**
Zurich, Switzerland
20-21 JUNE 2025



Day 3 – VENUE 1

University Hospital of Zurich

Frauenklinikstrasse 26
8091- Zurich, Switzerland
Lecture Hall “Monakow”
located in the Building Haldenbach, floor A

Day 4 – VENUE 2

University Zurich Irchel

Building Y23 – Room F32
Wintherthurestrasse 190
8057 - Zurich, Switzerland

TRAVEL INFORMATION

From the Zurich main railway Station

- Take Tram n. 10 (Bahnhofplatz) or Tram n. 6 (Bahnhofstrasse) to “ETH – UniversitätsSpital”

From Zurich Airport

- By Train to Zurich main railway Station in about 10 minutes or by Taxi (taxi fare around 60– CHF)

From the Zurich main railway Station

- Take Tram n. 4 (Bahnhofquai/HB) to “Milchbuch”

By car

- It is not recommended to use the car for coming to the Course, since parking facilities are hardly available

ACCOMMODATION OPTIONS

Suggested Hotels

- Hotel Plattenhof ★★★
<http://plattenhof.ch/en/>
- Hotel City ★★★
<http://www.hotelcity.ch/>
- Hotel Florhof ★★★
<http://www.hotelflorhof.ch/en/>
- Hotel Opéra ★★★★★
<http://www.operahotel.ch/en>



HOW TO REGISTER AND HOW TO PAY

The registration includes participation in the training course in Milan and Zurich.

To subscribe to this event is necessary to fill the digital Registration Form available on the dedicated website:

<https://www.progetka.com/N10>

Participation in the Course is subject to a fee:

- **1.200,00 Euro** for EANS, SINch, SGNC Member and Residents
- **1.500,00 Euro** for non-member of the above-mentioned societies
- **300,00 Euro** for Participant of the theoretical part only

Registration fee may be paid in Euro (EUR) and can be paid as follows:

- **by Credit Card via PayPal:** amministrazione@progetka.com
- **by Bank transfer**, Bank account details (EUR account) are as follows:
RIVIERA BANCA Soc. Coop.
Swift Code: ICRAITRRRNO
IBAN Number: IT93V0899524210000000017803
Account Holder: Progetka srl
Bank Charges: Bank charges are to be settled by the payer

Deadline for registration: 09 May 2025

CANCELLATION POLICY

In case of non-participation in the event, the registration fee will not be refunded.

The Course registration package includes the following services:

- Admittance to all scientific sessions
- Course documentation and material
- Coffee and lunches as specified in the Course program
- Admittance to the exhibition area
- Certificate of Attendance

LANGUAGE

The official language of the course is English

TARGET AUDIENCE

The courses' target audience will be Neurosurgeons (specialists or in training) with interest in cerebrovascular pathologies.

LEARNING OBJECTIVES

Overall learning objectives of the combined course:

- Understand the anatomy and physiopathology of cerebral AVMs
- Provide evidence-based recommendations for AVM management
- Combine clinical and anatomical data to formulate a surgical or endovascular treatment plan
- Train microsurgical techniques:
 - Microvascular dissection: simulation of arachnoid opening and vessel dissection (arteries, veins, nidus)

VARIATIONS

The Scientific and the Organizing Secretariats reserve the right to make any change to the program they deem necessary for scientific and/or technical reasons.

PRIVACY

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