



OSPEDALE NIGUARDA
CA' GRANDA

3RD CEREBROVASCULAR TRAINING COURSE

USZ Universitäts
Spital Zürich



COURSE PRESIDENTS
MARCO CENZATO
LUCA REGLI

COURSE DIRECTORS
DAVIDE BOERIS
GIUSEPPE ESPOSITO



THIS YEAR TOPIC:
**CEREBROVASCULAR
REVASCLARITATION**
**50 ANNI DAL PRIMO
BY PASS AL NIGUARDA**

MILAN
MAY, 7-8 2026
ZURICH
JUNE, 18-19 2026

Segreteria Organizzativa

PROGETKIA
EVENTI & CONGRESSI

<https://www.progetka.com/010>

SAVETHEDATE

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COURSE DIRECTORS

Marco Cenzato (*Milan, Italy*)
Luca Regli (*Zurich, Switzerland*)

COURSE DIRECTORS

Davide Boeris (*Milan, Italy*)
Giuseppe Esposito (*Zurich, Switzerland*)

FACULTY

Francesco Acerbi (*Pisa, Italy*)
Alessio Albanese (*Rome, Italy*)
Matteo M. Baccanelli (*Buenos Aires, Argentina*)
Edoardo Boccardi (*Milan, Italy*)
Davide Boeris (*Milan, Italy*)
Carlo Bortolotti (*Bologna, Italy*)
Marco Cenzato (*Milan, Italy*)
Emanuela Crobeddu (*Novara, Italy*)
Roberto Delfini (*Rome, Italy*)
Alessandro Ducati (*Turin, Italy*)
Jean-Philippe Dufour (*Zurich, Switzerland*)
Giuseppe Esposito (*Zurich, Switzerland*)
Paolo Ferroli (*Milan, Italy*)
Jorn Fierstra (*Zurich, Switzerland*)
Zsolt Kulcsar (*Zurich, Switzerland*)

Luigi A.A. Lanterna (*Bergamo, Italy*)
Michael T. Lawton (*Phoenix, USA*)
Alberto Pasqualin (*Verona, Italy*)
Giacomo Pavesi (*Modena, Italy*)
Guglielmo Pero (*Milan, Italy*)
Mariangela Piano (*Milan, Italy*)
Andreas Raabe (*Bern, Switzerland*)
Luca Regli (*Zurich, Switzerland*)
Tilman Schubert (*Zurich, Switzerland*)
Renato Scienza (*Padova, Italy*)
Martina Sebök (*Zurich, Switzerland*)
Maria Sessa (*Milan, Italy*)
Francesco Tomasello (*Catania, Italy*)
Luca P.M. Valvassori (*Milan, Italy*)
Daniel Walsh (*London, UK*)
Susanne Wegener (*Zurich, Switzerland*)

PATRONAGES REQUESTED

EANS - European Association of
Neurosurgical Societies

SINch – Società Italiana Neurochirurgia

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**DAY 1
Milan, Italy
7 MAY 2026**

**50 YEARS OF CEREBRAL REVASCULARIZATION AT
NIGUARDA: LEGACY, INNOVATION & FUTURE DIRECTIONS**

08.30 Opening the secretariat and registration
Welcome Coffee

08.45 Opening remarks
M. Cenzato (*Milan, Italy*), **L. Regli** (*Zurich, Switzerland*)

**SESSION I
TECHNICAL FOUNDATIONS**
Chair: XXX
Moderator: XXX

09.00 Cerebral bypass indications and selection
G. Esposito (*Zurich, Switzerland*)

09.20 Graft options and harvest techniques: Sta, Radial Artery, Saphenous Vein
E. Crobeddu (*Novara, Italy*)

09.40 Fluorescence ICG, flow-mapping and real-time monitoring
A. Raabe (*Bern, Switzerland*)

10.00 Modern microsurgical ergonomics and high-definition visualization
M.M. Baccanelli (*Buenos Aires, Argentine*)

10.20 Moyamoya disease: direct vs indirect revascularization strategies
L.A.A. Lanterna (*Bergamo, Italy*)

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10.40 *Discussion*
11.00

11.00 *Coffee Break*
11.30

50 YEARS OF VASCULAR NEUROSURGERY AT NIGUARDA

Chair: G. Sechi (*Milan, Italy*)

Medical Director, ASST Grande Ospedale Metropolitano Niguarda

- **Commemorative video**
- **Tribute to the first cerebral bypass**
- **Opening remarks: D. Boeris, M. Cenzato** (*Milan, Italy*),
G. Esposito, L. Regli (*Zurich, Switzerland*)

SESSION II

THE LEGACY OF CEREBRAL BYPASS SURGERY IN ITALY

Chair: A. Ducati (*Turin, Italy*)

Moderator: A. Albanese (*Rome, Italy*), **C. Bortolotti** (*Bologna, Italy*),
G. Pavesi (*Modena, Italy*)

11.50 Relazione in definizione
R. Delfini (*Rome, Italy*)

12.05 Relazione in definizione
A. Pasqualin (*Verona, Italy*)

12.20 Relazione in definizione
F. Tomasello (*Catania, Italy*)

12.35 Relazione in definizione
R. Scienza (*Padova, Italy*)

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12.50 *Lunch Symposium (Industry Sponsored)*
13.30

SESSION III
CLINICAL INDICATIONS IN 2025

Chair: P. Ferroli (Milan, Italy)

Moderator: XXX

13.30 Moya Moya like pathology

P. Ferroli (Milan, Italy)

13.50 Complex aneurysms requiring flow replacement: when bypass is the only option

L. Regli (Zurich, Switzerland)

14.10 Bypass surgery in complex skull base lesions

D. Walsh (London, UK)

14.30 Combined endovascular and bypass techniques

E. Boccardi, M. Cenzato (Milan, Italy)

14.50 My difficult case, management and reflections

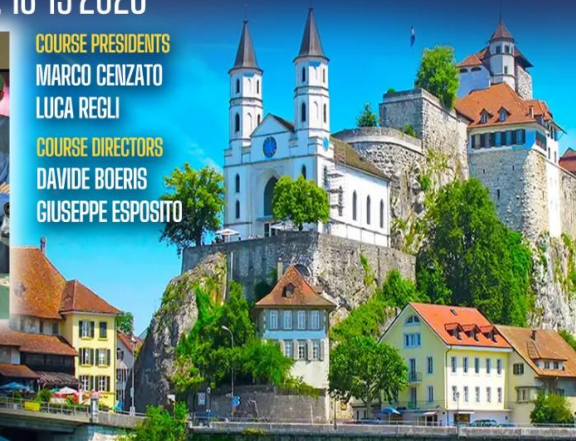
F. Acerbi (Pisa, Italy)

15.00 *Coffee Break*
15.20

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SESSION IV
COMPLICATIONS, FAILURES & CASE-BASED MASTERCLASS
Chair: XXX
Moderator: C. Bortolotti (Bologna, Italy)

15.20 Managing bypass failure: salvage, revision and alternative flows
G. Pero (*Milan, Italy*)

15.40 Case discussions: difficult scenarios and lessons learned
Niguarda Team

16.20 Carotid artery occlusive disease
M. Sessa (*Milan, Italy*)

16.40 The role of endovascular partners in hybrid neurovascular care
L.P.M. Valvassori (*Milan, Italy*)

17.00 Endovascular carotid stenting
M. Piano (*Milan, Italy*)

17.20 Carotid artery endoarterectomy indications and technique
G. Esposito (*Zurich, Switzerland*)

17.40 The future of cerebral revascularization: the age of the hybrid neurosurgeon
18.00 **M.T. Lawton** (*Phoenix, USA*) | **online**

18.00 Closure remarks day 1

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DAY 2
Milan, Italy
8 MAY 2026

09.00 **WORKSHOP**

17.00 **Placenta Simulation Model**

Microvascular dissection: simulation of opening of the sylvian fissure
Microsuturing

12.30 *Light Lunch*

13.30

17.00 Debriefing

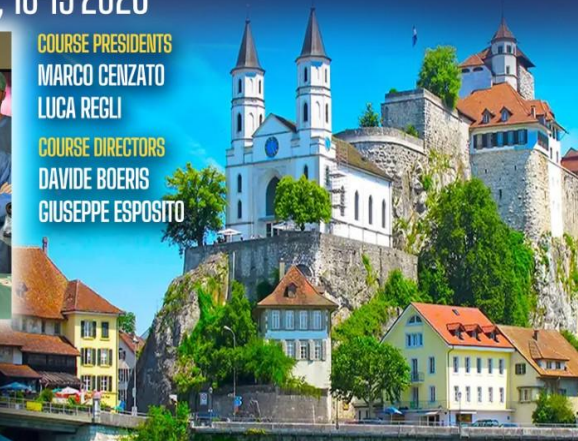
17.30

See you in Zurich on June 18-19, 2026

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DAY 3
Zurich, Switzerland
18 JUNE 2026

08.00 Opening the secretariat and registration

09.00 **WORKSHOP**

17.00 **Advanced hands-on training on perfused placenta simulation model**

Microvascular dissection of perfused arteries and veins in a placenta model

Microsuturing, microanastomosis and direct bypass techniques (end-to-end, end-to-side, side-to-side)

12.30 *Light Lunch*

13.30

17.00 Debriefing

17.30

17.30 Closure remarks day 3

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DAY 4

Zurich, Switzerland
19 JUNE 2026

08.00 Opening the secretariat

08.30 Introduction

D. Boeris (*Milan, Italy*), **C. Bortolotti** (*Bologna, Italy*), **G. Esposito** (*Zurich, Switzerland*)

08.15 **Live surgeries**

12.00 Microsurgical cerebral revascularization

12.00 **Light Lunch**

13.00

13.00 Angioanatomy

T. Schubert (*Zurich, Switzerland*)

13.40 Carotid artery diseases: ultrasound diagnostic and indication for treatment

S. Wegener (*Zurich, Switzerland*)

14.10 Extra and intracranial steno-occlusive disease: neuroradiological diagnostic (CT and MR)

Z. Kulcsar (*Zurich, Switzerland*)

14.30 The Zurich hemodynamic work-up: NOVA and BOLD

J.P. Dufour, M. Sebök (*Zurich, Switzerland*)

14.50 **Coffee Break**

15.20

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15.20 Microsurgical techniques: carotid endarterectomy
L. Regli (*Zurich, Switzerland*)

15.40 Microsurgical techniques: direct bypasses
G. Esposito (*Zurich, Switzerland*)

16.00 Microsurgical techniques: indirect and combined EC-IC bypass
F. Acerbi (*Pisa, Italy*)

16.20 Microsurgical techniques: bypass for complex aneurysms
M. Cenzato (*Milan, Italy*)

16.40 Complex aneurysms and Neuromonitoring
A. Albanese (*Rome, Italy*)

16.40 **Discussion of cases**

17.30 **D. Boeris** (*Milan, Italy*), **J. Fierstra** (*Zurich, Switzerland*)

17.30 Closing remarks and greetings

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GENERAL INFORMATION

Days 1 – 2

NIGUARDA CA' GRANDA HOSPITAL

AULA MAGNA – Entrance, Building 1

Sector B – 1st Floor

Piazza Ospedale Maggiore, 3

20162 Milan, Italy

ACCOMMODATION OPTIONS

Suggested Hotel

- XXX

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

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Day 3 – VENUE 1

UNIVERSITY ZURICH IRCHEL

Building Y23 – Room F32

Wintherthurestrasse 190

8057 - Zurich, Switzerland

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

Day 4 – VENUE 2

UNIVERSITY HOSPITAL OF ZURICH

Frauenklinikstrasse 26

8091- Zurich, Switzerland

Lecture Hall “Monakow” located in the Building Haldenbach, floor A

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)

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>

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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/O10>

Participation in the Course is subject to a fee:

- **€ 500,00 VAT Included** for Participation in one course (Milan)
- **€ 800,00 VAT Included** for Participation in both courses (Milan and Zurich)
- **€ 100,00 VAT Included** for Participant of the theoretical part only - May 7, 2026 (Milan)

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: ICRAITRRRN0

IBAN Number: IT93V0899524210000000017803

Account Holder: Progetka srl

Bank Charges: Bank charges are to be settled by the payer

Deadline for registration: 04 May 2026

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

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SCIENTIFIC INFORMATION

LANGUAGE

The official language of the course is English

TARGET AUDIENCE

The courses' target audience will be clinical fellows and early career neurosurgeons with interest in cerebrovascular pathologies.

LEARNING OBJECTIVES

Overall learning objectives of the combined course:

- Provide evidence-based recommendations for the management of complex intracranial aneurysms, intra- and extracranial steno-occlusive diseases
- Combine clinical and anatomical data to formulate a surgical or endovascular treatment plan
- Apply technical nuances in microsurgical techniques:
 - Microvascular dissection: simulation of opening of the sylvian fissure
 - Aneurysms: bypass techniques for treating complex aneurysms
 - Microsuturing and Microanastomosis techniques (end-to-end, end-to-side, side-to-side)

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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ORGANIZING SECRETARIAT