



Azienda Ospedaliero Universitaria di rilievo nazionale ed alta specializzazione

Maggiore della Carità Novara

under the auspices of



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CITTÀ DI TORINO

**Ospedale San
Giovanni Bosco**



Ordine Provinciale dei Medici Chirurghi
e degli Odontoiatri di Novara



Ordine dei Medici Chirurghi e Odontoiatri
del Verbano-Cusio-Ossola



NEUROVASCULAR MICROSURGICAL COURSE

Aneurysms Clipping and Vascular anastomosis on Synthetic and Placenta Models

Directors: Christian Cossandi, Federico Griva

14,3 CME
credits



WEDNESDAY, 19th - THURSDAY 20th APRIL 2023

N°5 microsurgical workstation
N°10 participants + N°5 observers (Residents PGY-V and Neurosurgeons)



COURSE VENUE:

SIMNOVA

Novara Simulation Center

Università del Piemonte Orientale

Via Bernardino Lanino 1 - 28100 Novara

SCIENTIFIC DIRECTORS

Christian Cossandi – Novara
Federico Griva – Torino

SCIENTIFIC SECRETARIAT

Emanuela Crobeddu – **Mattia Del Maestro** – **Alessandro Narducci**
Novara

FACULTY

Carlo Bortolotti – Bologna
Marco Cenzato – Milano
Christian Cossandi – Novara
Emanuela Crobeddu – Novara
Francesco Della Corte – Novara

Mattia Del Maestro – Novara
Marco Fontanella – Brescia
Federico Griva – Torino
Alessandro Narducci – Torino

INTERNATIONAL GUEST

Giuseppe Lanzino – Rochester
(digital webinar)

COURSE DESCRIPTION

The wide range of modalities available today for the treatment of cerebral aneurysms places the clinical neurosurgeon in front of a decision-making process, shared with the "neuro vascular team" and with the patient, which needs constantly evolving knowledge.

The vascular neurosurgeon is now called to deal with a lower number of cases of cerebral aneurysm than in previous decades, but more complex and for which microsurgery sometimes represents the best therapeutic option. The clipping of a cerebral aneurysm requires a deep knowledge of the anatomy as well as excellent surgical skills. In a time where a substantial number of aneurysms is treated by endovascular methods, it becomes more challenging to gain and to improve the surgical skills necessary to clip an aneurysm.

The idea of this Course comes out of the necessity to find new ways to train Young Neurosurgeons in vascular pathologies. Therefore hands-on training on surgical models becomes even more important to learn the safe application of clips and to perform by-passes.

This course will provide a great opportunity to get both theoretical knowledge and practical training on the safe application of clips and to perform a by-pass. Innovative surgical models such as perfused placentas will be used to train the microdissection of vessels, of arachnoid, the safe clip application in a very realistic way and the execution of by-pass.

The continuous exchange of experiences, the discussion of cases and surgical videos, the specific microsurgical training together with permanent "training" paths on laboratory preparations, represent the virtuous path through which to train the new generation of vascular neurosurgeons.

WEDNESDAY, 19TH APRIL 2023

9.45 - 10.00 am	Registration of Participants
10.00 - 10.15 am	Welcome Coffee
10.15 - 10.30 am	Institutional greetings G. Zulian - Dir. Generale AOU Maggiore della Carità D. Kozel - Dir. Sanitario AOU Maggiore della Carità G. C. Avanzi - Rettore Università del Piemonte Orientale F. Della Corte - Dir. Dip. Emergenza ed Accettazione AOU Maggiore della Carità A. Carriero - Dir. Dip. Radiodiagnostica ed interventistica AOU Maggiore della Carità
10.30 - 10.45 am	Introduction C. Cossandi - F. Griva
10.45 - 11.15 am	Microsurgical anatomy of supratentorial cisterns M. Fontanella
11.15 - 11.45 am	Aneurysm Clips: classification and handling C. Bortolotti
11.45 - 12.15 pm	Dye-perfused human placenta model for vascular micro-neurosurgery training M. Del Maestro - E. Crobeddu
12.15 - 12.45 pm	Clipping on placenta model E. Crobeddu
12.45 - 1.00 pm	Discussion
1.00 - 2.00 pm	Light lunch
2.00 - 4.00 pm	Lab Activities Dissection of placental vessel and aneurysm; clipping techniques
4.00 - 4.30 pm	Digital webinar “Rules and techniques of safe clipping” G. Lanzino
4.30 - 6.00 pm	Lab Activities Dissection of placental vessel and aneurysm; clipping techniques
8.30 pm	Dinner (participants and faculty)

SCIENTIFIC PROGRAMME

THURSDAY, 20TH APRIL 2023

9.00 - 09.30 am	Vascular anastomosis techniques M. Cenzato
9.30 - 10.00 am	Techniques for anastomosis training on placenta models M. Del Maestro - A. Narducci
10.00 - 10.30 am	Coffee break
10.30 - 1.00 pm	Lab Activities 11.00 - 11.30 Micro-suture on gauze 11.30 - 12.00 Micro-suture on plastic glove model 12.00 - 1.00 Micro-anastomosis on Silastic tube
1.00 - 2.00 pm	Light Lunch
2.00 - 4.00 pm	Lab Activities Dissection of placental vessel; end-to-end; end-to-side and side-to-side anastomosis
4.00 - 4.15 pm	Coffee break
4.15 - 6.00 pm	Lab Activities Dissection of placental vessel; end-to-end; end-to-side and side-to-side anastomosis
6.00 - 6.30 pm	CME test and final consideration
6.30 pm	Closure

CERTIFICATE OF ATTENDANCE

Participants and observers will receive a certificate of attendance at the end of the course.

CME ACCREDITATION

The course is **accredited** by the Italian Health Ministry Commission for Medical Education (CME) **ID 6227-380446 Ed. I- n. 14,3 credits for Neurosurgeons.**

DINNER

The dinner of the course is planned for the evening of Wednesday 19th April in Novara.

LANGUAGE OF THE COURSE

The official language of the course is italian.

PARTICIPANT REGISTRATION FEE

The registration fee for participant* is € 480,00 and includes:

- Participation in all scientific sessions (lab activities)
- Light lunches and coffee breaks
- Dinner
- Accommodation
- CME credits
- Italian VAT

* maximum 10 participants

OBSERVER REGISTRATION FEE

The registration fee for observer* is € 200,00 and includes:

- Participation in all scientific sessions (as observer)
- Light lunches and coffee breaks
- Dinner
- Accommodation
- CME credits
- Italian VAT

* maximum 5 observers

CME PROVIDER AND SECRETARIAT

H2O srl - Provider ID 6227

via Sibilla Mertens 31-27

16131 Genoa Italy

congress@h2osrl.org

COURSE VENUE

SIMNOVA - Novara Simulation Center

Università del Piemonte Orientale

via Bernardino Lanino 1

28100 Novara

NOTES

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FOR INFO and REGISTRATION

H2O srl



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