



With simulation area  
and industry exhibition

## Symposium Cerebrovascular Surgery and Intervention

26<sup>th</sup> – 27<sup>th</sup> May 2023

Josephinum,  
Collections of the Medical University of Vienna  
Währinger Straße 25, 1090 Vienna

[www.meduniwien.ac.at/microsurgery](http://www.meduniwien.ac.at/microsurgery)

DEPARTMENT OF NEUROSURGERY



## Dear Colleagues!

Our department looks forward to a historical 2023. After challenging years of renovation, reconstruction and the COVID-19 pandemic, our team is excited about the opening of a new surgical wing including a state-of-the-art angio-suite. There is even more reason to celebrate: this year marks the 30<sup>th</sup> anniversary of our 'European Workshops of on Basic Techniques of Microsurgery and Cerebral Revascularization', one of the longest-running bypass courses in Europe, founded by Professor Koos and Professor Ferraz-Leite.

Therefore, we are organizing a symposium on 'Cerebrovascular Neurosurgery and Interventions' on Friday and Saturday, May 26<sup>th</sup> and 27<sup>th</sup> 2023. We were able to gain world-renown cerebrovascular experts from Japan, the United States and Europe as speakers on these major topics: revascularization, multimodal treatment of complex intracranial aneurysms and AVMs. The second day will focus on the education, simulation and application of emerging technologies (robotics) in cerebrovascular surgery and intervention.

Join us for this special interdisciplinary occasion and participate in a lively discussion in the unique setting of the renovated historical lecture hall of the Josephinum, the former imperial military academy of medicine and surgery.

We look forward welcoming you soon in Vienna,

Karl Rössler  
Chairman of the Department of Neurosurgery

Gerhard Bavinzski and Philippe Dodier  
On behalf of the organizing committee

## Friday, 26<sup>th</sup> May

8.00 am  
**Registration and coffee**

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8.30 – 8.50 am  
**Welcome**  
Representative of the Medical University of Vienna  
Karl Rössler, Gerhard Bavinzski

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8.50 – 10.05 am  
**Session: Multimodal AVM treatment**

**Radiosurgical treatment of cerebral AVMs**  
Josa-Maria Frischer

**European consensus conference on unruptured brain AVM-treatment – the microsurgical perspective**  
Marco Cenzato

**Endovascular treatment of AVMs**  
Edoardo Boccardi

**Panel discussion: AVM treatment after ARUBA**

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10.05 – 10.25 am  
**Refreshment break**

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10.25 am – 12.10 pm  
**Session: Complex brain aneurysms**

**The role of bypass surgery in the endovascular era of brain aneurysm treatment. A hybrids' perspective**  
Gerhard Bavinzski

**Neurovascular management of aneurysms by a hybrid surgeon: Coiling versus clipping**  
Alexandros Andreou

**Bypass surgery in the management of complex brain aneurysms**  
Marco Cenzato

**Evolving indications for flow diversion**  
Edoardo Boccardi

**Strategies for complex aneurysms: Experiences of a dually trained neurosurgeon**  
Jeroen Boogaarts

**Panel discussion: Current state and future developments in complex aneurysm treatment and revascularization techniques**

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12.10 – 1.30 pm  
**Lunch Symposium** (presented by Medtronic)

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1.30 – 4.10 pm  
**Session: Cerebral revascularization for ischemia**

**Pathophysiology of cerebral ischemia and endovascular revascularization**  
Wolfgang Serles

**Neuroradiological assessment of cerebral Ischemia**  
Wolfgang Marik

**Techniques and results of carotid thrombendarterectomy**  
Heber Ferraz-Leite

**Flow augmentation for chronic ischemia: Indications and Vienna experience**  
Philippe Dodier

**Flow-augmentation bypass in the treatment of acute ischemic stroke**  
Giuseppe Esposito

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2.45 – 3.05 am  
**Refreshment break**

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**Surgical management of moyamoya disease**  
Andreas Gruber

**Current evidence and guidelines for Moyamoya disease: the Japanese perspective**  
Miki Fujimura

**Post-operative hyperperfusion: Diagnosis and management**  
Miki Fujimura

**Panel discussion: Revascularization techniques and indications – selecting the 'perfect' patient**

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4.10 – 4.30 pm  
**Wrapping up day 1**

**Alumni of the European Workshops around the world**  
Heber Ferraz-Leite

**Awarding of Certificates of the European Workshop**  
Gerhard Bavinzski, Karl Rössler

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4.30 – 5.30 pm  
**Guided tour of the museum** (registration required)

**Visit of simulation area and industry exhibition**

Saturday, 27<sup>th</sup> May

8.30 am

**Registration and coffee**

9.00 – 10.35 am

**Session: Education of vascular neurosurgeons and interventionalists**

**Update interventional stroke therapy: Patient selection, workflow, education**

Arnd Dörfler

**Training of cerebrovascular neurosurgeons: the European perspective (EANS)**

Torstein R. Meling, Nikolay Velinov

**Hybrid and endovascular training: Presentation of the boot camp program**

Simone Peschillo

**Training in open and endovascular techniques: The US-American concept**

Pascal Jabbour

**Panel discussion**

10.35 – 11.00 am

**Refreshment Break**

11.00 am – 12.50 pm

**Session: Emerging technologies in vascular neurosurgery**

**Endovascular robotic interventions**

Pascal Jabbour

**A flight simulator for the brain: the medusa project**

Andreas Gruber

**Fabricated neurosurgical simulator for vascular training**

Marco Cenzato

**4D simulator technology for cerebrovascular neurosurgery**

Johannes Goldberg

**Education through patient-specific physical and AR Simulations: a randomized controlled study**

Francesco Moscato, Philippe Dodier

**Medical simulation and emergency medical management**

Karl Schebesta

**Panel discussion**

**Wrapping up day 2**

12.50 – 1.00 pm

**Closing remarks**

Gerhard Bavinzski, Karl Rössler

1.00 – 1.30 am

**Lunch and visit of simulation area and industry exhibition**

1.30 – 2.00 am

**Guided tour of the museum** (registration required)

**Scientific committee**

Karl Rössler\*, Chairman

Gerhard Bavinzski\*, Senior Vascular and Endovascular Neurosurgeon, Workshop Director

Philippe Dodier\*, Workshop Secretary

Josa-Maria Frischer\*

\*Department of Neurosurgery, MedUni Vienna/ University Hospital Vienna, Austria

Heber Ferraz-Leite

Private Consultant Neurosurgeon

Founder and Former Workshop Director

Vienna, Austria

**Organization, international and local faculty**

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Director EANS Hands-on courses

Wei-Te Wang

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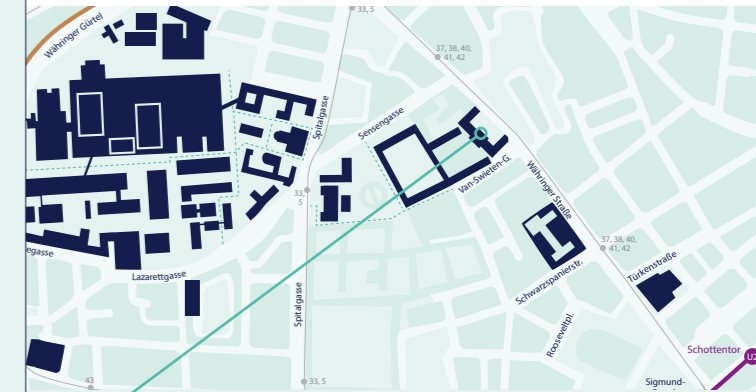
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Please be aware that photographs and/or video footage will be taken at the event. These may be used for the purpose of documenting or reporting the event and published in print and online media, on various social media platforms and on MedUni Vienna's website.

The symposium participation is free of charge.

Please register at

[www.meduniwien.ac.at/microsurgery](http://www.meduniwien.ac.at/microsurgery)



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Ethical MedTech compliance and UEMS-EACCME as well as DFP accreditation have been applied for.