With simulation area and industry exhibition

Symposium **Cerebrovascular Surgery** and Intervention

26th - 27th May 2023 Josephinum, Collections of the Medical University of Vienna Währinger Straße 25, 1090 Vienna

www.meduniwien.ac.at/microsurgery

DEPARTMENT OF NEUROSURGERY

Vienna Healthcare Group V University Hospital Vienna

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-theart angio-suite. There is even more reason to celebrate: this year marks the 30th 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 26th and 27th 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, 26th May

8.00 am **Registration and coffee**

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

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

10.05 – 10.25 am Refreshment break

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

aneurysms

MEDICAL UNIVERSITY OF VIENNA

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

Bypass surgery in the management of complex brain 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

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

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

2.45 - 3.05 am Refreshment break Surgical management of moyamoya disease Andreas Gruber

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

Post-operative hyperperfusion: Diagnosis and management Miki Fujimura

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

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

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

Visit of simulation area and industry exhibition

Saturday, 27th 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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Jeroen Boogaarts, Department of Neurosurgery, Radboud University, Netherlands

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Arnd Dörfler

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Nikolay Velinov Clinics of Neurosurgery, University Hospital Pirogov, Sofia, Bulgaria Director EANS Hands-on courses

Wei-Te Wang Department of Neurosurgery, MedUni Vienna/ University Hospital Vienna, Austria

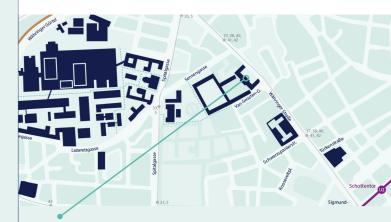


DFP points were requested

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



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

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