

# SYNS

## Neuro- Vascular



October 13th-15th 2023  
14th SYNS Symposium

Mövenpick Hotel  
Basel

## Shortcuts

Giuseppe Lanzino	GL
Miikka Korja	MKo
Amir El Rahal	AeR
Basil Grüter	BG
Raphael Guzman	RG
Philippe Bijlenga	PB
Cristophe Destrieux	CD
Alice Venier	AV
Alessio Chiappini	ACh
Oliver Bozinov	OB
Torstein Meling	TM
Andrea Cardia	AC
Angelo Tortora	AT
Jeroen Boogarts	JB
Manuela Keller	MKe
Hans Jakob Steiger	HS
Ulf Schneider	US
Victor Schulte	VS
Davide Strambo	DS
Jehuda Soleman	JS
Marco Pileggi	MP
David Bervini	DB
Martina Sebök	MS
Lukas Anderegggen	LA
Julien Hämmerli	JH

# About

The Swiss Young Neurosurgeons Society (SYNS) is dedicated to the continuous improvement of the neurosurgical training program for residents and young consultants in Switzerland.

We were founded in 2005 by a handful of young residents striving to achieve a high standard of specialty training by organizing focused talks, symposiums and hands-on courses. Our aim is to increase learning and inspiration in the field of neurosurgery while bringing together young minds from all over the country. As of 2011 SYNS carries the status of a registered non-profit society by Swiss law.



# Partners



Health Solutions & Support



CERENOVUS  
PART OF THE Johnson & Johnson FAMILY OF COMPANIES



Schweizerische Gesellschaft  
für Neurochirurgie

contact@syms.ch  
www.syms.ch

# Friday 13.10.2023

09:30 – 10:00 Registration and welcome

## SESSION I - ANATOMY / IONM-INTRAOP. TECHNOLOGY

10:00 – 10:30 Vascular Anatomy Basics CD  
(Zoom)

10:35 – 10:55 IOM/ Intraoperative technology in vascular  
neurosurgery: what and when to use? PB

11:00 – 11:25 Coffee Break

## SESSION II - INTRACEREBRAL HEMORRHAGE

11:30 – 11:50 Deep venous anatomy CD  
(Zoom)

11:55 – 12:15 Basics of spontaneous ICH: epidemiology, risk  
factors, etiologies, scoring LA

12:20 – 12:40 Management of spontaneous ICH: what have  
the clinical trials taught us so far JS

12:45 – 13:10 Case discussion: ICH AV

13:15 - 14:25 Lunch

## SESSION III - CAVERNOMA

14:30 – 14:45 CCM: Imaging findings BG

14:50 – 15:05 Epidemiology, natural course, risk factors and  
management OB

15:10 – 15:30 Surgical management: when and how? GL

15:35 – 15:55 Interactive Session: which approach? AT

16:00 – 16:20 Coffee Break

## SESSION IV - AVM/AVF

16:20 – 16:35 Pathophysiology, natural history and grading of  
AVM AC

16:40 – 16:55 Surgical treatment options and decision  
making for AVM RG

17:00 – 17:15 Non-surgical treatment options and when to  
use them JB

17:20 – 17:35 Cranial dAVF: classifications and management GL

17:40 – 17:55 Spinal vascular malformations: classification  
and management TM

18:00 – 18:25 Case discussion: AVM ACh

20:00 Course Dinner at Restaurant ???



# Saturday 14.10.2023

08:00 – 09:00 *Mock-up FMH Exam Session* JH/  
AeR

## SESSION V - ANATOMY, NEURORADIOLOGY

09:00 – 09:20 Arterial anatomy as seen in angiography BG

09:25 – 09:40 Different imaging techniques in aneurysm diagnostics VS

09:45 – 10:00 Overview of endovascular treatment options for intracranial aneurysms JB

10:05 – 10:30 Coffee Break

## SESSION VI - RUPTURED INTRACRANIAL ANEURYSMS

10:30 – 10:45 Clinical and radiologic diagnostics and decision making in acute aneurysmal SAH MS

10:50 – 11:05 Rare aneurysms: what we need to know TM

11:10 – 11:25 Intensive care management of patients with aneurysmal SAH: state of the art MKe

11:30 – 11:45 Detection and treatment of vasospasms after aneurysmal SAH MKe

11:50 – 12:20 Case discussion: ruptured intracranial aneurysm AeR

12:20 - 13:25 Lunch

## SESSION VII - UNRUPTURED INTRACRANIAL ANEURYSMS

13:30 – 13:45 Epidemiology, natural course and management of unruptured intracranial aneurysms MKo

13:50 – 14:10 Surgical techniques for the treatment of intracranial Aneurysms TM

14:15 – 14:35 How the Sylvian fissure is split, or is it needed at all? MKo

14:40 – 15:00 Clip vs. Coil: when to chose what? US

15:05 – 15:35 Case discussion: UIA (with literature) VS

15:40 – 16:00 Is there a future for vascular neurosurgery? HS

16:00 – 16:25 Coffee Break

16:30 – 17:30 *SYNS General Assembly*

17:45 – 18:30 *Brainlab Workshop: Mixed Reality w/ Brainlab & Zeiss*

20:00 Course Dinner at Restaurant XXX

22:30 Rooftop After-Dinner at Rooftop 42

rooftop<sup>o</sup>42



# Sunday 15.10.2023

## SESSION VIII - STROKE

09:30 – 09:45 Basics of ischemic stroke DS

09:50 – 10:10 Endovascular treatment and indications MP

10:15 – 10:30 Carotid endarterectomy: when and how? DB

10:30 – 10:55 Coffee Break

11:00 – 11:20 Surgical management of ischemic stroke indications and techniques DB

11:25 – 11:50 Update on revascularisation in neurosurgery: Indications and techniques RG

11:55 – 12:25 Case discussion: Stroke AeR

12:30 - 13:00 Course end

