



THE EUROPEAN ASSOCIATION  
OF NEUROSURGICAL SOCIETIES

# 8<sup>th</sup> Annual EANS Vascular Section Meeting

6 - 7 September 2021  
Online Meeting

## **Meeting Programme**

## Monday 6<sup>th</sup> September 2021

08:55 - 09:00	<b>Welcoming words</b>	<b>Korja/Finland</b>
09:00 - 10:15	<b>Session 1: ANEURYSMS &amp; AVMs</b>	<b>Raabe/Switzerland</b>
09:00 - 09:10	Quality of life in patients with UIAs - a single centre cohort study	<b>Kissling/ Switzerland</b>
09:10 - 09:20	Surgical treatment of unruptured anterior communicating artery (AComA) aneurysms: a long-term retrospective single center study	<b>Stroh/Austria</b>
09:20 - 09:30	Paraclinoid Aneurysms: Outcome Analysis and Technical Remarks of a Microsurgical Series	<b>Luzzi/Italy</b>
09:30 - 09:40	Intra-aneurysmal contrast agent stasis during intraoperative DSA: A predictor of thrombosis and long-term occlusion of intracranial aneurysm remnant after clipping?	<b>Gruter/Switzerland</b>
09:40 - 09:50	Prognostication scores in brain arteriovenous malformations: a single-centre external validation of scores	<b>Taweel/UK</b>
09:50 - 10:00	The value of preradiosurgery embolization for AVMs	<b>Siddiqui/USA</b>
10:00 - 10:10	Early experience with tubular retraction systems approaching arteriovenous malformations	<b>Walsh/UK</b>
10:10 - 10:15	<b>Short Coffee Break</b>	
10:15 - 11:30	<b>Session 2: ANEURYSMS</b>	<b>Gruber/Austria</b>
10:15 - 10:20	<b>Session Introduction</b>	<b>Gruber/Austria</b>
10:20 - 10:30	Value of three-dimensional digital subtraction angiography for detection and classification of intracranial aneurysm remnants after clipping	<b>Marbacher/ Switzerland</b>
10:30 - 10:40	Surgical Management of Giant Intracranial Aneurysms: Overall Results of a Twenty-year Experience	<b>Luzzi/Italy</b>
10:40 - 10:50	Combined microsurgical and endovascular IA treatment – literature review and interdisciplinary experience with a true hybrid approach	<b>Gruter/Switzerland</b>
10:50 - 11:00	Evaluation of the surgical versus endovascular treatment of ruptured and unruptured pericallosal aneurysms	<b>Haemmerli/ Switzerland</b>
11:00 - 11:10	Surpass for treatment of cerebral Aneurysms	<b>Singer/USA</b>
11:10 - 11:20	Transradial Endovascular Approaches: New Horizons	<b>Jabbour/USA</b>
11:20 - 11:30	Management of IAs of distal arterial branches by supra-selective endovascular coil occlusion: a single-institution experience.	<b>Splavski/Croatia</b>
11:30 - 12:30	<b>Lunch Break</b>	
12:30 - 13:45	<b>Session 3: SAH - EPIDEMIOLOGY &amp; OUTCOME</b>	<b>Korja/Finland</b>
12:30 - 12:35	<b>Session Introduction</b>	<b>Korja/Finland</b>

12:35 - 12:45	The association between aspirin and SAH: The Framingham Heart Study	Ewbank/UK
12:45 - 12:55	The Greek Registry of Cerebral Aneurysms (GRECA). Our experience from its first year of operation.	Themistoklis/ Greece
12:55 - 13:05	100 patients suffering from spontaneous SAH: An eleven-year experience	Wolfert/Germany
13:05 - 13:15	Aneurysmal SAH: the advantage of being the fittest. A single center retrospective study	Sousa/Portugal
13:15 - 13:25	Still a role for decompressive hemicraniectomy in subarachnoid hemorrhage in light of long-term clinical outcome?	Veldeman/ Germany
13:25 - 13:35	Ultra-early tranexamic acid after SAH: a randomised controlled clinical trial	Germans/ Switzerland
13:35 - 13:45	Mental Health, Neurocognitive Function, Resilience and Brain Morphological Changes in Patients Successfully Treated for Aneurysmal SAH	Ottenhausen/ Germany
13:45 - 13:50	<b>Short Coffee Break</b>	
13:50 - 15:00	<b>Session 4: SAH - MISCELLANEOUS</b>	
13:50 - 13:55	<b>Session Introduction</b>	Boogaarts/ Netherlands
13:55 - 14:05	The herniation WFNS score improves outcome prediction in poor grade SAH – an international prospective multicenter study	Fung/Germany
14:05 - 14:15	Validation and Optimization of Barrow Neurological Institute Score in Prediction of Adverse Events and Functional Outcome After SAH — Creation of the HATCH (Hemorrhage, Age, Treatment, Clinical State, Hydrocephalus) Score	Germans/ Switzerland
14:15 - 14:25	External ventricular drain management in SAH: a systematic review and meta-analysis	Palasz/UK
14:25 - 14:35	Management and safety of intraoperative ventriculostomy during early surgery for ruptured intracranial aneurysms	Pavesi/Italy
14:35 - 14:45	Validating a numerical model to assess blood flow in the Circle of Willis in patients with aneurysmal SAH	Shen/Netherlands
14:45 - 14:55	Incidence and outcome of periinterventional vasospasm during endovascular or microsurgical treatment of unruptured intracranial aneurysms	Gruter/Switzerland
14:55 - 15:00	<b>Closing words</b>	Korja/Finland

## Tuesday 7<sup>th</sup> September 2021

08:55 - 09:00	Welcoming words & Session Introduction	Regli/Switzerland
09:00 - 10:15	<b>Session 1: VASOSPASM</b>	Regli/Switzerland
09:00 - 09:10	Cerebrospinal fluid hemoglobin drives SAH-related secondary brain injury	Akeret/Switzerland
09:10 - 09:20	A potential protective role of bioactive adrenomedullin in CSF against DCI in patients after aneurysmal SAH: a prospective observational study	Veldeman/ Germany
09:20 - 09:30	Preclinical and clinical role of Interleukin-6 in the development of DCI, and neuronal cell death after SAH. Towards a potential target therapy?	Croci/Switzerland
09:30 - 09:40	The role of the glycocalyx in an aneurysmal SAH: a precipitator of DCI?	Schenck/ Netherlands
09:40 - 09:50	Unaccounted for volume loss linked to vasospasm in SAH	Gelder/UK
09:50 - 10:00	Rescue therapy with local ia administration of nimodipine might positively affect clinical outcome in patients with aneurysmatic SAH and DCI	Walter/Germany
10:00 - 10:10	Continuous intra-arterial nimodipine infusion for treatment of DCI after aneurysmal SAH	Kramer/Germany
10:10 - 10:15	<b>Short Coffee Break</b>	
10:15 - 11:30	<b>Session 2: ANIMAL &amp; LABORATORY</b>	Vajkoczy/Germany
10:15 - 10:20	<b>Session Introduction</b>	Vajkoczy/Germany
10:20 - 10:30	Macrophage polarization is associated with intracranial aneurysm rupture	Hejcl/Czech Republic
10:30 - 10:40	Preventive effect of Vitamin D in treatment management of intracranial aneurysm	Kashefolas/ Germany
10:40 - 10:50	Parent artery-initiated and stent-mediated neointima formation in a rat saccular side wall model	Wanderer/ Switzerland
10:50 - 11:00	Preparation and Visualization of Subarachnoid Space (SAS) for histological and electron microscopy (EM) analyses	Xu/Germany
11:00 - 11:10	The role of Thrombin and its Inhibitor Argatroban in Mouse Model ICH - special reference to Decompressive Hemicraniectomy	Krenzlin/Germany
11:10 - 11:20	Identifying clot composition using intravascular diffuse reflectance spectroscopy in a porcine model of endovascular thrombectomy	Skyrman/Sweden
11:20 - 11:30	High-flow extracranial-intracranial bypass in sheep model	Orlov/Russia
11:30 - 12:30	<b>Lunch Break</b>	

12:30 - 13:45	<b>Session 3: STROKES &amp; CO</b>	<b>Schirmer/USA</b>
12:30 - 12:35	<b>Session Introduction</b>	<b>Schirmer/USA</b>
12:35 - 12:45	BOLD-CVR as a marker for hemodynamic impairment in patients with symptomatic cerebrovascular steno-occlusive disease	<b>Seboek/ Switzerland</b>
12:45 - 12:55	Management of carotid stenosis during acute Ischemic stroke	<b>Scott/USA</b>
12:55 - 13:05	Revascularization of Chronic Carotid occlusion	<b>Hasan/USA</b>
13:05 - 13:15	Initial Experience in a hybrid operating room - special reference to retrograde suction technique for aneurysm decompression	<b>De Vilalta/Ojeda/ Spain</b>
13:15 - 13:25	New additional surgical techniques for operative correction of kinking and coiling of the vertebral and internal carotid arteries	<b>Daltaban/Turkey</b>
13:25 - 13:45	Special Guest Lecture Surgical approaches for Brainstem cavernomas	<b>Lawton/USA</b>
13:45 - 13:50	<b>Short Coffee Break</b>	
13:50 - 15:00	<b>Session 4: TECHNOLOGY</b>	<b>Tjounmakaris/USA</b>
13:50 - 13:55	<b>Session Introduction</b>	<b>Tjounmakaris/USA</b>
13:55 - 14:05	Robotics in Neurovascular Surgery	<b>Tjounmakaris/USA</b>
14:05 - 14:15	Teaching and evaluating microsurgical skills	<b>Ferraz-Leite/ Austria</b>
14:15 - 14:25	Randomized Study Comparing Virtual Reality and Conventional on-screen Teaching of Cerebrovascular Anatomy	<b>Greuter/ Switzerland</b>
14:25 - 14:35	Specto-VR as a novel 3D Virtual Reality Planning Software in Aneurysm Surgery	<b>Guzman/ Switzerland</b>
14:35 - 14:45	Mixed-reality head-mounted display in intracranial aneurysms surgeries: a proof-of-concept study	<b>Andereggen/ Switzerland</b>
14:45 - 14:55	The value of 3-dimensional models for preoperative clip selection in aneurysm surgeries: a pilot study	<b>Andereggen/ Switzerland</b>
14:55 - 15:00	<b>Closing words</b>	<b>Korja/Finland</b>



THE EUROPEAN ASSOCIATION  
OF NEUROSURGICAL SOCIETIES

## **CONTACT**

Event's Coordinator  
[martina.degregorio@eans.org](mailto:martina.degregorio@eans.org)

[www.eans.org](http://www.eans.org)