

Scientific Programme

Wednesday, 08 September 2021

08:00 - 08:15	Other Sessions, Main Lecture Hall, Muses Area Level 3 Welcome and Introduction Chairs C. Taschner (DE) J. Fiehler (DE)
08:15 - 09:30	Scientific Abstracts, Main Lecture Hall, Muses Area Level 3 Scientific Abstracts Chairs C. Cognard (FR) W. van Zwam (NL)
08:15 - 08:23	Collateral damages of COVID-19 on the Hungarian ischemic stroke care P.P. Böjti (HU)
08:23 - 08:31	Utility of drug-eluting coroflex ISAR stent in intracranial atherosclerotic disease: A single center experience in 147 patients A. El Mekabaty (DE)
08:31 - 08:39	Single Center Experience Utilizing a Novel Augmented Reality Platform to Teleproctor a Neuroendovascular Fellow S. Desai (US)
08:39 - 08:47	The Subarachnoid Hemorrhage Early Brain Edema Score (SEBES) as radiographic marker of clinically relevant intracranial hypertension and unfavorable outcome after subarachnoid hemorrhage. M. Said (DE)
08:47 - 08:55	Long-term results of complex wide-necked intracranial aneurysms treated with stent-assisted coiling using low-profile Acandis Acclino stent systems D. Grieb (DE)
08:55 - 09:03	Vessel Wall MRI Findings Improve Specificity for Detection of Delayed In-Stent Stenosis following Flow Diversion of Unruptured Aneurysms M. Alexander (US)
09:03 - 09:11	A retrospective case series of tectal arteriovenous malformations: clinical characteristics, angioarchitecture description and therapeutic management. J. Cortese (FR)

Scientific Programme

08:30 - 10:00	<p>Young Interventionalists, Gallieni 1+2, Level 2</p> <p>Young Interventionalists @ESMINT Congress 2021</p> <p>Chairs U. Hanning (DE) A. Rouchaud (FR)</p>
08:30 - 08:50	<p>Applied neuroanatomy of the dangerous anastomosis for the embolization of SDH E. Shotar (FR)</p>
08:50 - 09:10	<p>Intracranial hypotension E. Piechowiak (DE)</p>
09:10 - 09:30	<p>Update and experiences of the EYMINT e-Fellowship program U. Hanning (DE)</p>
09:30 - 09:50	<p>Collaborative research network G. Boulouis (FR)</p>
09:50 - 10:00	<p>Round table, what do you expect from EYMINT? Perspectives from the Unicorn and the JENI Networks U. Hanning (DE) L. Meyer (DE) J. Cortese (FR) A. Rouchaud (FR)</p>
09:30 - 10:00	<p>Industry Symposium, Main Lecture Hall, Muses Area Level 3</p> <p>Industry Symposium - Direct-to-Angio: Save time and improve patient outcome for acute stroke patients</p> <p>Sponsored by Siemens Healthineers</p>
09:30 - 10:00	<p>Direct-to-Angio: Save time and improve patient outcome for acute stroke patients M.N. Psychogios (CH)</p>
10:30 - 11:30	<p>Joint Sessions, Main Lecture Hall, Muses Area Level 3</p> <p>EANS/ESMINT Joint Session: Vasospasm</p> <p>Chairs Z. Kulcsar (CH) C. Cognard (FR)</p>
10:30 - 10:48	<p>Unruptured intracranial aneurysms: Development, rupture, and preventive management N. Etmnan (DE)</p>

Scientific Programme

- 10:48 - 11:06** **Pathophysiology of post-subarachnoid hemorrhage (SAH) vasospasm**
A. Gruber (AT)
- 11:06 - 11:24** **Trials on prevention of post-SAH vasospasm**
N. Hecht (DE)
- 11:24 - 11:42** **Endovascular therapy of post-SAH vasospasm: What is the evidence?**
P. Bhogal (UK)
- 11:42 - 12:00** **Timing of endovascular therapy for post-SAH vasospasm**
R. Helbok (AT)

- 10:30 - 13:00** Young Interventionalists, Gallieni 1+2, Level 2
Young Interventionalists @ESMINT Congress 2021

- Chairs**
U. Hanning (DE)
A. Rouchaud (FR)
- 10:30 - 11:00** **Neurorobotics/Basecamp**
R. Blanc (FR)
- 11:00 - 11:20** **Acute intracerebral hemorrhage outcome prediction - a multicentre experience**
J. Nawabi (DE)
- 11:20 - 11:40** **Distal occlusions**
L. Meyer (DE)
- 11:40 - 12:00** **Intracranial stenosis**
P. Mordasini (CH)
- 12:00 - 12:20** **AI: Quantitative image analysis using machine learning algorithms current applications and future perspectives**
H. Kniep (DE)
- 12:20 - 12:40** **Imaging of neuroendovascular devices: interpretation and challenges**
M.T. Nawka (DE)
- 12:40 - 13:00** **Embolization subdural hematomas**
J.C. Gentric (FR)

- 11:30 - 12:30** Scientific Abstracts, Main Lecture Hall, Muses Area Level 3
Scientific Abstracts

- Chairs**
A. Gruber (AT)
C. Taschner (DE)

Scientific Programme

- 11:30 - 11:40** **Early Cerebral infarction following aneurysmal subarachnoid hemorrhage is associated with prior circulatory failure and severe intracranial hypertension.**
D. Simonato (UK)
- 11:40 - 11:50** **Intensive therapies of delayed cerebral ischemia targeting vasospasm: a two-center propensity-matched study**
D. Simonato (UK)
- 11:50 - 12:00** **Efficacy and Safety in the Use of Stent-Retrievers for Treatment of Cerebral Vasospasms after Subarachnoid Hemorrhage**
J. Hensler (DE)
- 12:30 - 13:00** Industry Symposium, Main Lecture Hall, Muses Area Level 3
Industry Symposium- Catchview, size matters
Sponsored by Balt
Chairs
A. Rouchaud (FR)
- 12:30 - 12:45** **Catchview Thrombectomy device in AIS**
Y. Onal (TR)
- 12:45 - 13:00** **Vall d'Hebron experience with Catchview in AIS**
A. Tomasello (ES)
- 14:00 - 14:30** Industry Symposium, Main Lecture Hall, Muses Area Level 3
Industry Symposium - WEB Embolization System: Clinically Proven
Sponsored by Microvention
- 14:00 - 14:10** **Aneurysm treatment with WEB in the cumulative population of two prospective, multicenter series: 5-year follow-up**
L. Pierot (FR)
- 14:10 - 14:20** **Clinical Evaluation of WEB 0.017 Device in Intracranial Aneurysms (CLEVER): Study Demographics**
C. Cognard (FR)

Scientific Programme

14:00 - 16:00	ETMINT Sessions, Gallieni 1+2, Level 2 ETMINT Session Symposium for Angiosuite Personnel: Technicians, Nurses and Radiographers In cooperation with ESMINT Chairs J. Ducasse (FR) F. Menu (FR)
14:00 - 14:10	Opening F. Menu (FR) M. Gawlitza (DE)
14:10 - 14:30	Update in Stroke Treatment W. van Zwam (NL)
14:30 - 14:50	Vaso CT : An essential application in Interventional Neuroradiology. J. Ducasse (FR) P. Bernardin (FR)
14:50 - 15:10	How dangerous are unruptured intracranial aneurysms. M. Gawlitza (DE)
15:10 - 15:30	Stroke pathway : Diagnostic paradigm at Parma University Hospital C. Martini (IT)
15:30 - 15:50	Stroke techniques and material overview D. Behme (DE)
14:30 - 15:30	Joint Sessions, Main Lecture Hall, Muses Area Level 3 SNIS/ESMINT Joint Session: Aneurysm Chairs L. Valvassori (IT) L. Pierot (FR)
14:30 - 15:00	Debate MCA bifurcation aneurysms: Stent assisted coiling/flow diverter vs Web device We should use Stent-assisted coiling / Flow diverters to treat those J. Mocco (US) Intrasaccular flow disruptors are the way to go C. Cognard (FR)
15:00 - 15:15	Surface modified flow diverters: the future of flow-diversion? H. Henkes (DE)
15:15 - 15:30	Intrascaccular flow-disruptors in the treatment of ruptured aneurysms A. Rai (US)

Scientific Programme

15:30 - 16:00

Scientific Abstracts, Main Lecture Hall, Muses Area Level 3

Scientific Abstracts

Chairs

V. Kalousek (HR)
M.N. Psychogios (CH)

15:30 - 15:40

Pipeline Embolization Devices for the Treatment of Intracranial Aneurysms (PEDESTRIAN), Single Centre Registry: Long-Term Angiographic and Clinical Outcomes from 1,000 Aneurysms

I. Lylyk (AR)

15:40 - 15:50

Accuracy evaluation of derivo flow diverter deployed length predictions with PreSize neurovascular and comparison of device size selection between traditional planning and simulations

N.T. Ngo (DE)

15:50 - 16:00

Safety and Efficacy of Eptifibatide for endovascular intracranial aneurysm treatment

T. Schubert (CH)

16:30 - 16:45

Industry Symposium, Main Lecture Hall, Muses Area Level 3

Industry Symposium - ADAPT to the Situation: Why Start with Aspiration for Distal Occlusions

Sponsored by Penumbra

16:30 - 16:45

ADAPT to the Situation: Why start with aspiration for distal occlusions

P. Schramm (DE)

16:30 - 18:30

ETMINT Sessions, Gallieni 1+2, Level 2

ETMINT Session Symposium for Angiosuite Personnel: Technicians, Nurses and Radiographers In cooperation with ESMINT

Chairs

A.C. Januel (FR)
H. Genins (SE)

16:30 - 16:50

Interventional treatment of epistaxis

M. Gawlitza (DE)

16:50 - 17:10

Flow Disrupter, Current status

L. Pierot (FR)

Scientific Programme

- 17:10 - 17:30** **Secrets of your own radiation protection: For your eyes only**
S. Balduyck (FR)
- 17:30 - 17:50** **Organization prior to intervention in NHS practice in UK! What you need to do**
T. Patankar (UK)
- 17:50 - 18:10** **Correlation between vascular anatomy, occlusion site and neurological outcome following EVT of LVO**
G. Gal (DK)
- 16:45 - 18:30** Joint Sessions, Main Lecture Hall, Muses Area Level 3
SNIS/ESMINT Joint Session: New Horizons
Chairs
M. Möhlenbruch (DE)
P. Mordasini (CH)
- 16:45 - 17:00** **Spontaneous intracranial hypotension (SIH): Pathophysiology and surgical treatment**
J. Beck (DE)
- 17:00 - 17:15** **Imaging of SIH and SIH treatment with epidural blood patches**
H. Urbach (DE)
- 17:15 - 17:30** **CSF-Venous fistulae: A frequent cause of SIH and their endovascular therapy**
W. Brinjikji (US)
- 17:30 - 18:00** **Debate on middle menigeal artery (MMA) embolization for chronic subdural hematomas (cSDH)**
We should favor liquid embolic agents
D. Fiorella (US)
Follow the KISS principle: Use particles
Z. Kulcsar (CH)
- 18:00 - 18:15** **Remote proctoring for neurointerventional procedures**
M. Bester (DE)
- 18:15 - 18:30** **Neurovascular robotics in treatment of intracranial aneurysms**
V. Mendes Pereira (CA)
- 18:30 - 19:30** ESMINT Sessions, Main Lecture Hall, Muses Area Level 3
ESMINT General Assembly

Scientific Programme

Thursday, 09 September 2021

08:00 - 09:00	Joint Sessions, Main Lecture Hall, Muses Area Level 3 ESO/ESMINT Joint Session: EVT for LVO 1/2 Chairs M. Ribo (ES) W. van Zwam (NL)
08:00 - 08:15	Utility of Neurosonology before during and after EVT for LVO C. Krogias (DE)
08:15 - 08:30	Optimal BP management before during and after EVT for LVO. A. Katsanos (CA)
08:30 - 08:45	Mechanical thrombectomy in minor stroke with LVO A. Sarraj (US)
08:45 - 09:00	Bridging therapy in LVO: fact or fiction? G. Tsivgoulis (GR)
09:00 - 09:30	Scientific Abstracts, Main Lecture Hall, Muses Area Level 3 Scientific Abstracts Chairs A. Rouchaud (FR) M.N. Psychogios (CH)
09:00 - 09:10	Burden of tough to retrieve clots in acute ischemic stroke: Clinical and economic impact of increasing retrieval attempts in mechanical thrombectomy J. Alderson (IE)
09:10 - 09:20	First Pass Effect and Associated Clot Characteristics in the EXCELENT Registry - Interim Analysis T. Jovin (US)
09:20 - 09:30	Beyond Proximal Large Vessel Occlusions: Outcome of Mechanical Thrombectomy in Distal Vessel Occlusions in the EXCELENT Registry - Interim Analysis O. Zaidat (US)

Scientific Programme

09:30 - 10:00

Industry Symposium, Main Lecture Hall, Muses Area Level 3

Industry Symposium - The NIMBUS™ Geometric Clot Extractor: Can we predict Real World Experience through In-Vitro testing?

Sponsored by Cerenovus

09:30 - 10:00

The NIMBUS™ Geometric Clot Extractor: Can we predict Real World Experience through In-Vitro testing?

M. Gounis (US)
H. Nordmeyer (DE)
P. Mordasini (CH)

10:30 - 11:30

Joint Sessions, Main Lecture Hall, Muses Area Level 3

ESO/ESMINT Joint Session: EVT for LVO 2/2

Chairs

J. Gralla (CH)
A. Krajina (CZ)

10:30 - 10:45

Neuroprotection following EVT for LVO: Fact or fiction?

P. Schellinger (DE)

10:45 - 11:00

EVT for Basilar Artery Occlusion: Rescue or evidence-based therapy?

D. Strbian (FI)

11:00 - 11:15

Pretreatment with oral anticoagulants in LVO patients receiving EVT: practical considerations in post-procedural management

G. de Marchis (CH)

11:15 - 11:30

Management of reocclusion in LVO patients treated with EVT.

M. Rubiera del Fueyo (ES)

11:30 - 12:30

Scientific Abstracts, Main Lecture Hall, Muses Area Level 3

Scientific Abstracts

Chairs

E. Ciceri (IT)
R. Rautio (FI)

11:30 - 11:38

The novel tenzing inserts - The seamless way to reach the clot in large and middle vessel cerebral occlusions - Preliminary experience.

M. Gounis (US)

11:38 - 11:46

Catheter tip distensibility substantially influences the aspiration force of thrombectomy devices

J. Li (ES)

Scientific Programme

- 11:46 - 11:54** **Nimbus Geometric Clot Extractor for Tough Clots - Real World Clinical Experience and Clot Composition**
H. Nordmeyer (DE)
- 11:54 - 12:02** **Initial experience with the trevo NXT stent retriever**
M.N. Psychogios (CH)
- 12:02 - 12:10** **Investigation of current and novel treatment strategies for ICA and MCA occlusions in an in-vitro thrombectomy model**
S. Fitzgerald (IE)
- 12:10 - 12:18** **Safety and Effectiveness of Mechanical Thrombectomy for Primary Isolated Distal Vessel Occlusions: a Monocentric Retrospective Comparative Study**
M. Elhorany (FR)
- 12:18 - 12:26** **Hemorrhagic Transformation and First Pass Effect**
G. Meeks (US)
- 12:30 - 13:00** Industry Symposium, Main Lecture Hall, Muses Area Level 3
Industry Symposium - Medtronic
Sponsored by Medtronic
- 12:30 - 12:45** **Shield Technology™ - Trust the Science; 1 year results 400 patients treated with Pipeline™ Flex with Shield Technology™ in INSPIRE**
I. Szikora (HU)
- 12:45 - 13:00** **Pipeline™ Flow Diversion Reimagined; Early clinical experience with the fourth generation Pipeline™ Vantage with Shield Technology™ - First Experience**
R. Rautio (FI)
- 14:00 - 14:30** Industry Symposium, Main Lecture Hall, Muses Area Level 3
Industry Symposium - Optimizing your toolbox for thrombectomy
Sponsored by Stryker
- 14:00 - 14:15** **Enhanced retrieval experience with Trevo NXT ProVue Retriever**
N. Limbucci (IT)
- 14:15 - 14:30** **ADAPT 3.0: Evolution of direct aspiration**
A. Spiotta (US)

Scientific Programme

14:30 - 15:00	<p>Other Sessions, Main Lecture Hall, Muses Area Level 3</p> <p>JNIS meets ESMINT - ESMINT's Award for best European publication in JNIS</p> <p>Chairs M. Aggour (FR) J. Fiehler (DE)</p>
14:30 - 14:45	<p>Insight in JNIS F. Albuquerque (US)</p>
14:45 - 14:50	<p>ESMINT Award for best European publication in JNIS - Introduction M. Aggour (FR) J. Fiehler (DE)</p>
14:50 - 15:00	<p>ESMINT's Award Winner: Presentation and Discussion H. van Voorst (NL)</p>
15:00 - 15:15	<p>Other Sessions, Main Lecture Hall, Muses Area Level 3</p> <p>ESMINT Diploma Award Ceremony</p> <p>Chairs M. Gawlitza (DE) J. Fiehler (DE)</p>
15:15 - 15:35	<p>Other Sessions, Main Lecture Hall, Muses Area Level 3</p> <p>Honorary Membership</p> <p>Chairs J. Fiehler (DE) A.C. Januel (FR) Z. Kulcsar (CH)</p>
15:15 - 15:20	<p>Introduction</p>
15:20 - 15:35	<p>Presentation by E. Boccardi (IT)</p>
15:35 - 16:15	<p>Scientific Abstracts, Main Lecture Hall, Muses Area Level 3</p> <p>Scientific Abstracts</p> <p>Chairs A. Biondi (FR) P. Mordasini (CH)</p>
15:35 - 15:45	<p>Which Transfer Patients with Stroke due to a Large-Vessel Occlusion benefit from CT scan reevaluation prior to Mechanical Thrombectomy? J.A. Sousa (PT)</p>

Scientific Programme

- 15:45 - 15:55** **Use Of The New Philips' Advanced 3D Neuro-Imaging For LVO Triaging And Door To Puncture Times Reduction.**
M. Gounis (US)
- 15:55 - 16:05** **Unbiased mTICI scoring after acute ischemic stroke: An image-processing based semi-automatic grading method**
M. Thormann (DE)
- 16:05 - 16:15** **GRINT: Guidelines for Reporting in Interventional Neurological Therapy - Flow diverters**
M. ten Brinck (NL)
- 16:30 - 16:45** Industry Symposium, Main Lecture Hall, Muses Area Level 3
Industry Symposium - Diversion-p64- Results of the multicentre, prospective, international study
Sponsored by Phenox
- 16:30 - 16:45** **Diversion-p64- Results of the multicentre, prospective, international study**
M. Bonafé (IT)
- 16:45 - 17:00** Industry Symposium, Main Lecture Hall, Muses Area Level 3
Industry Symposium -Direct to Angio Suite: Why and How. Sharing experiences from the WE-TRUST study
Sponsored by Philips
- 16:45 - 17:00** **Direct to Angio Suite: Why and How. Sharing experiences from the WE-TRUST study**
M. Ribo (ES)
- 17:00 - 18:00** Other Sessions, Main Lecture Hall, Muses Area Level 3
Evidence for New Medical Devices
Chairs
C. Taschner (DE)
W. van Zwam (NL)
- 17:00 - 17:40** **Debate on Evidence for New Medical Devices: What do we need?**
Randomized controlled trials are the way to go
H. Lingsma (NL)

Scientific Programme

17:40 - 18:00

We should have a more pragmatic approach: Registry trials

J. Fiehler (DE)

Medical device re regulation in Europe: Expert panels and clinical evidence.

C. Griesinger (IT)

Scientific Programme

Friday, 10 September 2021

08:30 - 09:30	Other Sessions, Main Lecture Hall, Muses Area Level 3 The diseased vessel wall Chairs A.C. Januel (FR) F. Dorn (DE)
08:30 - 08:50	From the neuropathologists perspective: Overview on the diseased intracranial vessel wall D. Thal (BE)
08:50 - 09:10	Aneurysm wall and risk of rupture B. Rezai-Jahromi (FI)
09:10 - 09:30	Direct visualization of the vessel wall with OCT M. Gounis (US)
09:30 - 10:00	Industry Symposium, Main Lecture Hall, Muses Area Level 3 Industry Symposium - Impact of Robotic Surgery in Neurovascular Sponsored by Siemens Healthineers
09:30 - 10:00	Impact of Robotic Surgery in Neurovascular R. Turner (US) M. Piotin (FR)
10:30 - 11:30	Joint Sessions, Main Lecture Hall, Muses Area Level 3 EANS/ESMINT Joint Session: AVM Chairs S. Lamin (UK)
10:30 - 11:00	Unruptured brain AVM: Do we have an answer? T. Meling (CH)
11:00 - 11:30	Curative treatment of intracranial AVMs: We don't need pre-operative embolization A. Raabe (CH)

Scientific Programme

We don't need post-embolization surgery

R. Chapot (DE)

Other Sessions, Main Lecture Hall, Muses Area Level 3

11:30 - 12:00

Best European Studies

Chairs

T. Patankar (UK)

F. Dorn (DE)

11:30 - 11:45

Coating to Optimize Aneurysm Treatment In The New Flow Diverter Generation (COATING): Study protocol of a randomized controlled trial

L. Pierot (FR)

11:45 - 12:00

Solitaire With the Intention For Thrombectomy Plus Intravenous t-PA Versus DIRECT Solitaire Stent-retriever Thrombectomy in Acute Anterior Circulation Stroke (SWIFT DIRECT). Results for a randomized-controlled trial

J. Gralla (CH)

Industry Symposium, Main Lecture Hall, Muses Area Level 3

12:00 - 13:00

New technology symposium: The engineers' perspective

Chairs

J. Buhk (DE)

M. Gounis (US)

12:00 - 12:12

Contour™ Neurovascular System: Besançon 1 year experience

A. Biondi (FR)

12:12 - 12:28

Solitaire™ 3mm

A.H. Siddiqui (US)

12:28 - 12:40

PEGASUS HPC - First clinical experience with a new coated intracranial Stent

M. Holtmannspötter (DE)

12:40 - 12:50

Introducing NeVa NET, the next frontier in thrombectomy

D. Behme (DE)

12:50 - 13:00

X Surface Treatment Technology

A. Baldwin (US)

Scientific Programme

14:00 - 16:00

Other Sessions, Main Lecture Hall, Muses Area Level 3

Morbimortality Corner

Chairs

C. Cognard (FR)
R. Chapot (DE)

14:00 - 14:13

Radionecrosis as a consequence of cumulative effect of endovascular and radiosurgical treatments for intracranial AVMs

M. Cenzato (IT)

14:13 - 14:26

Right ICA viabahn covered stent extrusion into the oropharynx

E. Chishti (US)

14:26 - 14:39

Complete oculomotor nerve palsy after dural arteriovenous embolization through middle meningeal artery: a very rare complication

L. Di Clemente (IT)

14:39 - 16:00

M&M cases presented by the members of the scientific committee:

Torn basilar artery

J. Buhk (DE)

Complex residual Posterior fossa dural fistula embolisation with Mini sceptre balloon

T. Patankar (UK)

Trigeminal Neuralgia Caused by Dural Arteriovenous Fistula - venous congestion after transarterial/ transvenous embolization

F. Dorn (DE)

The hidden nidus

S. Lamin (UK)

Incomplete opening of a flow diverter: what to do?

P. Mordasini (CH)

My worst case of the year

A.C. Januel (FR)