Scientific Programme

Wednesday, 08 September 2021

08:00 - 08:15

Welcome and Introduction

Chairs
C. Taschner (DE)
J. Fiehler (DE)

08:15 - 09:30

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

Young Interventionalists, Gallieni 1+2, Level 2

08:30 - 10:00  Young Interventionalists @ESMINT Congress 2021

Chairs
U. Hanning (DE)
A. Rouchaud (FR)

08:30 - 08:50  Applied neuroanatomy of the dangerous anastomosis for the embolization of SDH
E. Shotar (FR)

08:50 - 09:10  Intracranial hypotension
E. Piechowiak (DE)

09:10 - 09:30  Update and experiences of the EYMINT e-Fellowship program
U. Hanning (DE)

09:30 - 09:50  Collaborative research network
G. Boulouis (FR)

09:50 - 10:00  Round table, what do you expect from EYMINT? Perspectives from the Younicorn and the JENI Networks
U. Hanning (DE)
L. Meyer (DE)
J. Cortese (FR)
A. Rouchaud (FR)

Industry Symposium, Main Lecture Hall, Muses Area Level 3

09:30 - 10:00  Industry Symposium - Direct-to-Angio: Save time and improve patient outcome for acute stroke patients
Sponsored by Siemens Healthineers

09:30 - 10:00  Direct-to-Angio: Save time and improve patient outcome for acute stroke patients
M.N. Psychogios (CH)

Joint Sessions, Main Lecture Hall, Muses Area Level 3

10:30 - 11:30  EANS/ESMINT Joint Session: Vasospasm

Chairs
Z. Kulcsar (CH)
C. Cognard (FR)

10:30 - 10:48  Unruptured intracranial aneurysms: Development, rupture, and preventive management
N. Etminan (DE)
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 @ESMINT Congress 2021

10:30 - 11:00  Neuorobotics/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

Chairs
A. Gruber (AT)
C. Taschner (DE)
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-Retriever for Treatment of Cerebral Vasospasms after Subarachnoid Hemorrhage**
J. Hensler (DE)

Indusry Symposium, Main Lecture Hall, Muses Area Level 3

**12:30 - 13:00**  
**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 - 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

ETMINT Sessions, Gallieni 1+2, Level 2

14:00 - 16:00

**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)

Joint Sessions, Main Lecture Hall, Muses Area Level 3

14:30 - 15:30

**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

**Intrasaccular flow-disruptors in the treatment of ruptured aneurysms**
A. Rai (US)
Scientific Programme

15:30 - 16:00  
**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 - 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 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)

Joint Sessions, Main Lecture Hall, Muses Area Level 3

16:45 - 18:30  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 meningeal 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)

ESMINT Sessions, Main Lecture Hall, Muses Area Level 3

18:30 - 19:30  ESMINT General Assembly
Scientific Programme

Thursday, 09 September 2021

Joint Sessions, Main Lecture Hall, Muses Area Level 3

08:00 - 09:00  
**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)

Scientific Abstracts, Main Lecture Hall, Muses Area Level 3

09:00 - 09:30  
**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

Industry Symposium, Main Lecture Hall, Muses Area Level 3

09:30 - 10:00  
**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)

Joint Sessions, Main Lecture Hall, Muses Area Level 3

10:30 - 11:30  
**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. Schelling (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)

Scientific Abstracts, Main Lecture Hall, Muses Area Level 3

11:30 - 12:30  
**Scientific Abstracts**

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

11:30 - 11:38  
**The novel tending 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

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<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
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<tr>
<td>11:46 - 11:54</td>
<td>Nimbus Geometric Clot Extractor for Tough Clots - Real World Clinical Experience and Clot Composition</td>
<td>H. Nordmeyer (DE)</td>
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<tr>
<td>11:54 - 12:02</td>
<td>Initial experience with the trevo NXT stent retriever</td>
<td>M.N. Psychogios (CH)</td>
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<tr>
<td>12:02 - 12:10</td>
<td>Investigation of current and novel treatment strategies for ICA and MCA occlusions in an in-vitro thrombectomy model</td>
<td>S. Fitzgerald (IE)</td>
</tr>
<tr>
<td>12:10 - 12:18</td>
<td>Safety and Effectiveness of Mechanical Thrombectomy for Primary Isolated Distal Vessel Occlusions: a Monocentric Retrospective Comparative Study</td>
<td>M. Elhorany (FR)</td>
</tr>
<tr>
<td>12:18 - 12:26</td>
<td>Hemorrhagic Transformation and First Pass Effect</td>
<td>G. Meeks (US)</td>
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**Industry Symposium, Main Lecture Hall, Muses Area Level 3**

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<td>12:30 - 13:00</td>
<td>Industry Symposium - Medtronic</td>
<td>Medtronic</td>
<td>I. Szikora (HU)</td>
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<tr>
<td>12:30 - 12:45</td>
<td>Shield Technology™ - Trust the Science; 1 year results 400 patients treated with Pipeline™ Flex with Shield Technology™ in INSPIRE</td>
<td>Medtronic</td>
<td>N. Limbucci (IT)</td>
</tr>
<tr>
<td>12:45 - 13:00</td>
<td>Pipeline™ Flow Diversion Reimagined; Early clinical experience with the fourth generation Pipeline™ Vantage with Shield Technology™ - First Experience</td>
<td>Medtronic</td>
<td>R. Rautio (FI)</td>
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**Industry Symposium, Main Lecture Hall, Muses Area Level 3**

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<tr>
<td>14:00 - 14:30</td>
<td>Industry Symposium - Optimizing your toolbox for thrombectomy</td>
<td>Stryker</td>
<td>A. Spiotta (US)</td>
</tr>
<tr>
<td>14:00 - 14:15</td>
<td>Enhanced retrieval experience with Trevo NXT ProVue Retriever</td>
<td>Stryker</td>
<td>N. Limbucci (IT)</td>
</tr>
<tr>
<td>14:15 - 14:30</td>
<td>ADAPT 3.0: Evolution of direct aspiration</td>
<td>Stryker</td>
<td>A. Spiotta (US)</td>
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Scientific Programme

Other Sessions, Main Lecture Hall, Muses Area Level 3

14:30 - 15:00  
**JNIS meets ESMINT - ESMINT's Award for best European publication in JNIS**

**Chairs**  
M. Aggour (FR)  
J. Fiehler (DE)

14:30 - 14:45  
**Insight in JNIS**  
F. Albuquerque (US)

14:45 - 14:50  
**ESMINT Award for best European publication in JNIS - Introduction**  
M. Aggour (FR)  
J. Fiehler (DE)

14:50 - 15:00  
**ESMINT's Award Winner: Presentation and Discussion**  
H. van Voorst (NL)

Other Sessions, Main Lecture Hall, Muses Area Level 3

15:00 - 15:15  
**ESMINT Diploma Award Ceremony**

**Chairs**  
M. Gawlitza (DE)  
J. Fiehler (DE)

Other Sessions, Main Lecture Hall, Muses Area Level 3

15:15 - 15:35  
**Honorary Membership**

**Chairs**  
J. Fiehler (DE)  
A.C. Januel (FR)  
Z. Kulcsar (CH)

15:15 - 15:20  
**Introduction**

15:20 - 15:35  
**Presentation by**  
E. Boccardi (IT)

Scientific Abstracts, Main Lecture Hall, Muses Area Level 3

15:35 - 16:15  
**Scientific Abstracts**

**Chairs**  
A. Biondi (FR)  
P. Mordasini (CH)

15:35 - 15:45  
**Which Transfer Patients with Stroke due to a Large-Vessel Occlusion benefit from CT scan reevaluation prior to Mechanical Thrombectomy?**  
J.A. Sousa (PT)
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)

Industry Symposium, Main Lecture Hall, Muses Area Level 3

16:30 - 16:45  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)

Industry Symposium, Main Lecture Hall, Muses Area Level 3

16:45 - 17:00  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)

Other Sessions, Main Lecture Hall, Muses Area Level 3

17:00 - 18:00  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)
We should have a more pragmatic approach: Registry trials
J. Fiehler (DE)

17:40 - 18:00 Medical device reagulation in Europe: Expert panels and clinical evidence.
C. Griesinger (IT)
Scientific Programme

Friday, 10 September 2021

08:30 - 09:30  
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 - 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  
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

Other Sessions, Main Lecture Hall, Muses Area Level 3

14:00 - 16:00 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)