



3rd European Stroke Organisation Conference

16-18 May, 2017 | Prague, Czech Republic

A photograph of the Prague skyline at dusk. The sky is a deep blue, and the city lights are glowing. In the foreground, the silhouette of a statue is visible on the left. The background shows the dome of St. Vitus Cathedral and the spires of the Old Town Hall tower.

Final Programme



Scan this QR code
to access the
ESOC 2017 App

→ www.esoc2017.com



EUROPEAN STROKE
ORGANISATION

Become a member of ESO Take your participation in stroke science to the next level!

ESO membership offers full access to collegiate partnerships in a vibrant community facilitating exchanges of ideas and intellectual support across borders.

ESO, the voice of stroke in Europe, furthers stroke science and political goals by promoting stroke as a specialty at a regional and international level.

Become a part of the ESO community today!

Some benefit highlights include amongst others:

- Reduced registration fee for ESOC and other ESO events
- Subscription to the *European Stroke Journal*
- Joint membership with WSO (for only additional 35 EUR per year)
- Monthly Newsletter
- ...and many more

Join us in our efforts to reduce the incidence and impact of stroke!

Apply for membership at the ESO booth
in the exhibition area or online.

www.eso-stroke.org



3rd European Stroke Organisation Conference

16-18 May, 2017 | Prague, Czech Republic

Final Programme



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Welcome Letter

Dear Friends and Colleagues,

I am very excited to welcome you to the European Stroke Organisation Conference (ESOC 2017), which will take place in Prague, Czech Republic on 16-18 May 2017.

ESOC 2017 will build on the enormous success of the last two ESO Conferences and continue to be Europe's foremost forum for discussing and disseminating the latest standards and news on stroke management and care. This year's scientific programme will again feature top speakers, stimulating discussions, and news on scientific breakthroughs.

ESOC 2016 had over 1,400 abstracts submitted, at least three NEJM publications were communicated for the first time at our large clinical trials session and delegates have indicated their commitment: our second meeting attracted nearly 3,700 colleagues from 97 countries.

For ESOC 2017, a new Programme Committee composed of senior colleagues along with rising stars have crafted a scientific programme that will meet your interests and communicate the latest and most influential science. Once again, the programme will reflect both scientific and practical aspects of stroke care. The number of abstracts received for 2017 had risen to over 1,800.

We have decided to increase the time devoted to oral communications and allied health care topics, whereas we will continue the ESOC tradition of limiting each faculty member to one lecture or convening one session in order to allow as many members as possible to participate. Furthermore, we have actively encouraged young speakers and asked our senior colleagues and friends to convene these sessions.

We are looking forward to welcoming you in the magical city of Prague with its unique history, bridges, cathedrals and gold-crowned towers that line the majestic Vltava River. Prague was one of the favourite cities of Wolfgang Amadeus Mozart. It was here that he conducted the premiere of his "Nozze di Figaro", "Prager Symphony", "Don Giovanni" and "Clemenza di Tito". Numerous biographies of Mozart have described the time he spent in this city as the "happiest" of his short but fruitful life.

Yours,

Valeria Caso

President, European Stroke Organisation

Welcome Letter from the Local Organising Committee

Dear Participants,

On behalf of the Local Organising Committee, we are delighted to welcome you to Prague to participate in the ESOC 2017 meeting.

Beyond the exciting scientific program, there are also the wonders of Prague itself. Prague promises visitors to ESOC a truly remarkable experience. The city, in the heart of Europe, reflects all the ages of history that have passed through it. Famous for its magical and mysterious atmosphere, Prague immerses visitors in its diverse and storied past. Its theatres, museums, libraries, and palaces trace its path through history and its advance to modern times. The relatively recent transition from the communist era to a contemporary and vibrant city is also visible, and represents the distinctive character and unmistakable intrigue that exemplifies the city of Prague.

The Czech Republic offers visitors much more to see outside of its capital. Brno, the second largest city in the Czech Republic, brings together a rich history with a modern focus on technology, research and innovation. Brno was famously the location where Johann Gregor Mendel performed his experiments that formed the basis for Mendelian genetic laws. It was also home to the great Czech composer, Leoš Janáček.

Other notable scientific and medical achievements include: Johann Evangelist Purkinje's discovery of Purkinje cells in 1837; Jan Jansky's discovery of ABO blood types in 1907, and Otto Wichterle's invention of modern soft contact lenses in 1959.

So, whether you are interested in music and theatre, architecture and science, local cuisine and famous beer, or just want to enjoy a peaceful stroll through the historic city, Prague, Brno and other cities look forward to welcoming you.

Local Organising Committee ESOC 2017

Robert Mikulík

Michal Bar

Roman Herzig

Jiří Neumann

Veronica Svobodová

Daniel Václavík

Aleš Tomek

David Školoudík

Ondřej Škoda

Daniel Šaňák

Committees

CONFERENCE PLANNING GROUP

Martin Dichgans, *Germany* (**Chair**)

Valeria Caso, *Italy*

Kennedy Lees, *UK*

Urs Fischer, *Switzerland*

Turgut Tatlisumak, *Sweden*

Robert Mikulik, *Czech Republic*

Jörg Glahn, *Germany*

Bart van der Worp, *The Netherlands*

CONFERENCE SUPPORT GROUP

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Turgut Tatlisumak, *Sweden* (**Chair**)

Kennedy Lees, *UK*

Valeria Caso, *Italy*

Programme Subcommittee

Martin Dichgans, *Germany* (**Chair**)

Bart van der Worp, *The Netherlands*

Kennedy Lees, *UK*

Urs Fischer, *Switzerland*

Robert Mikulik, *Czech Republic*

Charlotte Cordonnier, *France*

Else Sandset, *Norway*

Education Subcommittee

Patrik Michel, *Switzerland* (**Chair**)

Charlotte Cordonnier, *France*

Aine Merwick, *UK*

Julia Ferrari, *Austria*

Michaela Trapl, *Austria*

Allied Health Care Subcommittee

Jörg Glahn, *Germany* (**Chair**)

Anne Alexandrov, *USA*

Caroline Leigh Watkins, *UK*

Anne-Kathrin Cassier-Woidasky, *Germany*

Scientific Abstracts Committee

Kennedy Lees, *UK* (**Chair**)

Anna Planas, *Spain*

Alastair Webb, *UK*

Stephanie Debette, *France*

Public Relations Subcommittee

Alastair Webb, *UK* (**Chair**)

Jesse Dawson, *UK*

About ESO

The European Stroke Organisation (ESO) is a pan-European society of stroke researchers and physicians, national and regional stroke societies and lay organisations that was founded in December 2007. The ESO is an NGO comprised of individual and organisational members.

The aim of the ESO is to reduce burden of stroke by changing the way that stroke is viewed and treated. This can only be achieved by professional and public education, and by making institutional changes.

ESO serves as the voice of stroke in Europe, harmonising stroke management across the whole of Europe and taking action to reduce the burden of stroke regionally and globally.

MISSION

The ESO's major objective is to improve stroke care in Europe by providing medical education to healthcare professionals and the lay public in Europe. By offering best practice approaches, the ESO's goal is to harmonise stroke management in Europe. The ESO is dedicated to the following purposes:

- To promote awareness, management, teaching and research in all aspects of stroke;
- To develop and promote public policies to reduce the number of deaths by stroke and to improve the care of stroke victims and the quality of life of stroke victims.
- To reduce the burden of stroke throughout Europe
- To develop and promote professional and public education;
- To develop and promote other appropriate activities such as fundraising and prevention programs;
- To develop, promote, and coordinate international teaching programs through national/ regional organisations;
- To advise and guide on fundraising skills in order to enable national foundations and societies to finance a greater level and range of activities;
- To foster the development of an international communications system by encouraging the regional activities of organisations, stroke networks, foundations and organisations, as they operate within the goals and objectives of the organisation.



Meetings

EUROPEAN STROKE ORGANISATION CONFERENCE (ESOC)

ESO organises annually the European Stroke Organisation Conference. Alongside the latest clinical trial results and discussion of their implications, the programme includes a comprehensive series of keynote lectures, symposia, teaching courses and workshops, covering the entire field of stroke management, prevention and recovery.

EUROPEAN STROKE SCIENCE WORKSHOP

Biennially, ESO runs the European Stroke Science Workshop on cutting edge clinical and research aspects of stroke, inviting a limited number of renowned stroke specialists and some younger colleagues. The next workshop will take place 16-18 November 2017.

ESO – KAROLINSKA STROKE UPDATE CONFERENCE

The ESO-Karolinska Stroke Update Conference is organized in Stockholm, Sweden every second year. This conference offers a place for stroke professionals to discuss implementation of new research into guidelines and clinical routine. The 2016 Stroke Update Conference took place 13-15 November. www.eso-karolinska.org

STROKE SUMMER SCHOOL

The ESO Stroke Summer School is organised for ESO each year by a team of stroke physicians in a European city. During one week, stroke specialists from Europe provide their expert knowledge to young physicians with a major interest in cerebrovascular diseases. The 2017 ESO Stroke Summer School will take place in Larissa, Greece from 11-15 September.

STROKE WINTER SCHOOL

ESO, together with ESMINT and ESNR, offer a Stroke Winter School for young stroke physicians and neuroradiologists on the topic of acute interdisciplinary stroke treatment. The goal of this course is to enhance interdisciplinary management of patients with acute ischaemic stroke in Europe. A series of concentrated high-quality teaching sessions and courses are offered, including plenum sessions, discussions and technical training. The 2016 Winter School took place in Bern, Switzerland.

Education

GUIDELINES IN STROKE MANAGEMENT

The ESO guidelines aim to present all the relevant evidence on a particular clinical issue in order to help physicians in everyday clinical medical decision-making. ESO prepares and promotes a range of guidelines on aspects of stroke management according to rigorous principles, and contributes to stroke aspects of sister organisations' guidelines. Published guidelines can be found on the ESO website. ESO also has an app for mobile devices making the ESO guidelines available to all users worldwide.

MASTER PROGRAMME

The Danube University, Krems, Austria, offers a postgraduate Master Programme in Stroke Medicine, which is part of the educational programme of ESO. The programme is tailored toward neurologists and stroke physicians planning to gain the practical knowledge and scientific background to participate in clinical research and networking. The programme enjoys the support of the World Stroke Organisation. Attendance is part-time (2 weeks per semester) plus 4 weeks practical and a Master's thesis. ESO scholarships are available.

ESO DEPARTMENT-TO-DEPARTMENT VISIT PROGRAMME

The programme is offered to young physicians and scientists (<35) to support a short visit of 1 week to a European department or laboratory, or as contribution to a longer visit. ESO supports several young physicians/scientists annually to facilitate insight into international stroke departments and establish contacts with centres with potential for future research and job opportunities.

Projects

STROKE UNIT AND STROKE CENTRE CERTIFICATION

The aim of the Stroke Unit Committee is to improve care for patients in Europe who have suffered a stroke by the use of systematic and comprehensive audits of stroke units and stroke centres to improve patients' management and outcomes. This aim will be achieved by certification of European stroke units and stroke centres.

Be part of this important ESO Mission. www.eso-certification.org

ANGELS INITIATIVE

The mission of ANGELS is to increase the number of stroke ready hospitals and to continue optimising the standard of treatment in all existing stroke centres. The first step in this initiative is to build a community of 1500 hospitals by May 2019. www.eso-stroke.org/angels-initiative/.

RES-Q

RES-Q is a registry of stroke care quality developed under the ESO to help physicians monitor and improve stroke care quality. RES-Q collects 24 variables and serves as the first step to improving stroke care. Learn more and sign up at: www.qualityregistry.eu.

ESO – EAST “ENHANCING AND ACCELERATING STROKE TREATMENT”

The aim of the ESO-EAST project, supported by independent and unrestricted educational grants from EVER PHARMA and Boehringer Ingelheim, is to establish a 5-year collaboration with selected physicians from Eastern countries to implement stroke care in Eastern Europe. ESO-EAST was instrumental in the development of RES-Q.

Publications

EUROPEAN STROKE JOURNAL (ESJ)

The *European Stroke Journal* (ESJ) is a fully peer-reviewed Journal and owned by ESO. ESJ is published 4 times a year (March, June, September and December). Subscription of the European Stroke Journal is included in the ESO membership fee. It covers clinical stroke research from all fields, including clinical trials, epidemiology, primary and secondary prevention, diagnosis, acute and post-acute management, guidelines, translation of experimental findings into clinical practice, rehabilitation, organisation of stroke care, and societal impact. It is open to authors from all relevant medical and health professions. Article types include review articles, original research, protocols, guidelines, editorials and letters to the Editor.

ESO MEMBER NEWSLETTER

The ESO Member Newsletter is a digital publication highlighting activities and events of the ESO and its members. It is distributed monthly. All members are encouraged to submit content.

BLOG - THE VOICE OF STROKE IN EUROPE

The ESO blog, added to the ESO homepage in 2017, provides a forum for the most up to date news and advocacy from ESO and its partners. <http://eso-stroke.org/news/> Submissions are encouraged from all members and ESO partners.

For more updated information on ESO please visit our website at

 www.eso-stroke.org

ESOC 2017

3rd European Stroke
Organisation Conference

ESOC 2017 At Your Fingertips

Search "ESOC 2017" and download the
app for the full conference experience

Features include:

Voting

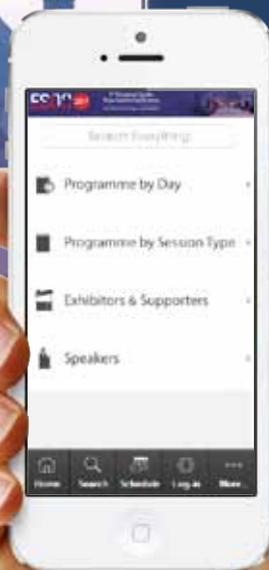
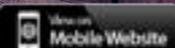
E-Poster Catalogue **NEW**

Ask the Speaker **NEW**

Scientific Programme



→ www.esoc2017.com



Timetable

TUESDAY, 16 MAY 2017

	Congress Hall	Forum Hall	South Hall	Meeting Hall I
8:30-10:00		Thrombolysis - Understanding the Trials	Intracerebral Haemorrhage I	Intracranial Large Artery Disease (APSO-ESO)
10:00-10:30	Coffee Break, Exhibition, Poster Viewing			
10:30-12:00	Official Welcome & Large Clinical Trials			
12:00-12:45	Lunch Break, Exhibition, Poster Viewing			
12:45-14:15		Industry Supported Session*	Industry Supported Session*	Industry Supported Session*
14:15-14:30	Short Break			
14:30-16:00	Presidential Symposium - Awards & Trials			
16:00-16:30	Coffee Break, Exhibition, Poster Viewing			
16:30-18:00	Endovascular Treatment I (ESMINT-ESO)	Small Vessel Disease & Vascular Cognitive Impairment	Neuropsychiatric Complications of Stroke	Women & Stroke
18:00-19:15	Welcome Reception (18:00 - 19:15) & Poster Walks (18:15 - 19:15) Exhibition and Poster Areas			

*Industry Session not included in main event CME/CPD credit

Scientific Communication
(Oral Abstract Presentation Session)

Workshop/Teaching Course 

Networking Event

Panorama Hall	Meeting Hall IV	Meeting Hall V	Club A	Club E
Atrial Fibrillation	Prevention - Trials	Genetics, Genomics & Proteomics	Stroke Syndromes 	Acute Stroke Treatment 

Industry Supported Session*	Industry Supported Session*			
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Prognosis - Recurrent Events	Rehabilitation and Recovery	Epidemiology	Transient Neurological Syndromes: Clinical and Radiological Features 	Stroke Unit Care 
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Allied Health Care Sessions	Clinical & Research Topics	Industry Supported Session*
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WEDNESDAY, 17 MAY 2017

	Congress Hall	Forum Hall	South Hall	Meeting Hall I
8:30-10:00	Future Directions on Thrombolysis	Neurointervention - After the Trials	Stroke in the Young	Imaging - Ischaemic Stroke, ICH Carotid (ESNR-ESO)
10:00-10:30	Coffee Break, Exhibition, Poster Viewing			
10:30-12:00	Controversies	Global Perspective of Stroke (WSO-ESO)	Stroke Genetics & Omics	Pathophysiological Markers
12:00-12:45	Lunch Break, Exhibition, Poster Viewing			
12:45-14:15		Industry Supported Session*		Industry Supported Session*
14:15-14:30	Short Break			
14:30-16:00	Stroke Prevention & Epidemiology	Cerebral Small Vessel Disease	Geographic Difference in Stroke Care (ESO - Chinese Stroke Association)	Diabetes & Insulin Resistance
16:00-16:30	Coffee Break, Exhibition, Poster Viewing			
16:30-18:00	Stroke & Heart (ESC-ESO)	Vascular Cognitive Impairment	Complications After Stroke: Prediction, Diagnosis, & Treatment	Thrombolysis in Practice
18:00-19:00		ESO General Assembly	Poster Networking & Poster Walks (18:00 - 19:00) Poster Area	

*Industry Session not included in main event CME/CPD credit

Scientific Communication
(Oral Abstract Presentation Session)

Workshop/Teaching Course 

Networking Event

Panorama Hall	Meeting Hall IV	Meeting Hall V	Club A	Club E
ICH - Acute Intervention	Very Early or Early Mobilisation After Stroke	Experimental & Translational	Prehospital Stroke Care Ticket	Interventions for Stroke Prevention Ticket
Prevention - Targets	Hyperacute Care of Stroke	Thrombectomy in Practice	Work-up of Stroke Ticket	Neuroimaging of Stroke Ticket
Industry Supported Session*	Industry Supported Session*	Industry Supported Session*		
Acute Stroke - Beyond Reperfusion	Women and Stroke	Young Stroke & Rare Causes	Neurointervention Workshop Session 1 Ticket	Structured Case Presentations: Management Challenges Ticket
Rare Causes of Stroke	Risk Factors	Service Organisation	Neurointervention Workshop Session 2 (repeat session) Ticket	Interactive Neuroimaging Workshop Ticket
Allied Health Care Sessions	Clinical & Research Topics	ESO General Assembly		Industry Supported Session*

THURSDAY, 18 MAY 2017

	Congress Hall	Forum Hall	South Hall	Meeting Hall I
8:30-10:00	Intracerebral Haemorrhage II	Acute Intervention	ESO Guidelines	Stem Cells & Experimental Stroke
10:00-10:30	Coffee Break, Exhibition			
10:30-12:00	Late Breaking Clinical Trials	Subarachnoid Haemorrhage & Vascular Malformations (EANS-ESO)	Stroke & Related Neurological Conditions (EAN-ESO)	Experimental Stroke II
12:00-12:15	Short Break			
12:15-13:45				Industry Supported Session*
13:45-14:00	Short Break			
14:00-15:30		Endovascular Treatment II (ESMINT-ESO)	Hypertension - Stroke Prevention in the 21st Century	ICH - Associations and Outcomes

*Industry Session not included in main event CME/CPD credit

Scientific Communication
(Oral Abstract Presentation Session)

Workshop/Teaching Course 

Networking Event

Panorama Hall	Meeting Hall IV	Meeting Hall V	Club A	Club E
Young Stroke Physicians & Researchers	Treatment of Stroke-Related Dysphagia - More Than Gut Feeling	Neurosonological Diagnosis: Hands-on Joint Workshop with ESNCH Part 1: 08:30 - 10:00 Part 2: 10:30 - 12:00 Ticket	Simulation Workshop Session 1 Ticket	Research Methodology for Stroke Clinicians Ticket
Imaging	Participation in Society After stroke		Simulation Workshop Session 2 (repeat session) Ticket	Structured Case Presentations: Diagnostic Challenges (Voting Session) Ticket
	Industry Supported Session* (12:15-13:15)			
Prognosis - Outcomes	Rehabilitation - Recovery After Stroke	Iatrogenic Stroke Ticket		2° Stroke Prevention Update Ticket
Allied Health Care Sessions		Clinical & Research Topics		Industry Supported Session*

General Information

CONFERENCE VENUE

The Prague Congress Center
5. kvetna 65
140 21 Prague 4, Czech Republic
Tel: +420 261 171 111
www.kcp.cz/en/homepage

REGISTRATION DESK HOURS

Monday, 15 May	08:00 – 19:30
Tuesday, 16 May	07:30 – 19:30
Wednesday, 17 May	08:00 – 19:00
Thursday, 18 May	08:00 – 15:45

EXHIBITION HOURS

09:30 – end of Welcome Reception
09:30 – 17:00
09:30 – 15:30

NAME BADGES

Upon registration, you will receive your name badge. You are kindly requested to wear your badge during all Conference sessions and events. Please note that there is a €15 charge for the reprinting of lost name badges.

CME/CPD CERTIFICATE OF ATTENDANCE

CME/CPD certificate of attendance will be available for participants shortly after the Conference. Your certificate will be delivered electronically after completing the educational evaluation procedure online via the link you will receive following the Conference.

INTERNET STATIONS

Free internet and email facilities will be available in the exhibition area during the exhibition opening hours. Conference abstracts will also be available for viewing from these stations. Please be considerate of fellow participants when using these facilities.

WIFI

Free WiFi will be available at the Conference. Please be aware that public WiFi capacity is always limited and therefore limited to email and web browsing activity.

WiFi Network: **ESOC2017** | Password: **esoc2017**

REFRESHMENTS

Coffee and lunch will be served in the exhibition area at the times indicated in the Scientific Programme. A light snack will be served during the poster networking session.

WELCOME RECEPTION

All registered participants are invited to join us for the Welcome Reception, which will take place in the Exhibition & Poster Areas on Tuesday, 16 May, from 18:00.

PUBLIC TRANSPORTATION

Free public transport tickets are offered by the city of Prague to the participants of ESOC 2017. The tickets will be distributed together with your registration badge at the beginning of the conference. Please note that these tickets can be offered only to participants with full registration for the conference, not to accompanying persons.

The free public transport ticket is valid for unlimited free travel on the metro, trams and buses within the city limits from May 15 – 18, 2017, inclusive. Delegates will need to have the ticket and their registration badge with them when using the public transportation.

You can find more information about Prague public transport on the website www.dpp.cz

CONFERENCE ABSTRACTS

ESOC 2017 abstracts will be published in the European Stroke Journal (ESJ). To access the abstracts please visit http://journals.sagepub.com/toc/eso/2/1_suppl

MOBILE APPLICATION

Install the ESOC 2017 interactive mobile App to your smartphone and portable devices to access all the Conference information you could need during the Conference.

- See the overview of sessions, speakers and exhibitors
- Receive real-time updates
- Bookmark the sessions you wish to attend

Download the ESOC 2017 App now to enhance your conference experience!



RECOGNITION, ACKNOWLEDGEMENTS & INDUSTRY SUPPORT

In accordance with compliance regulations, Industry supporting the Conference will be acknowledged separately from the Scientific Programme. Industry Information will appear at the back of the book, under the section RECOGNITION, ACKNOWLEDGEMENTS AND INDUSTRY SUPPORT.

PHOTOGRAPHY & RECORDING PRIVILEGES

No photographs, video recording or audio recording may be permitted in the scientific sessions at this conference unless otherwise authorised by the Conference Planning Group.

GUEST ATTENDANCE POLICY

All event activities (including educational sessions, meal functions, exhibit hall, etc.) are exclusively reserved for registered attendees. Non-registered guests (including children, family members, colleagues, etc.) are not allowed in any of the event areas. Badges provided at registration are required for entrance into all functions and will be strictly enforced.

ESOC 2017

3rd European Stroke
Organisation Conference

Join Us on Social Media

Network, Collaborate & Stay Up-to-Date



#ESOC2017 | @ESOstroke

→ www.esoc2017.com



Awards

The ESO Conference 2017 Planning Group would like to congratulate the winners of the Presidential Award and ESO Research Excellence Award:

PRESIDENTIAL AWARD

JOANNA WARDLAW UNITED KINGDOM



ESO RESEARCH EXCELLENCE AWARD

DANIEL STRBIAN FINLAND



YOUNG INVESTIGATORS AWARD

The ESO Conference 2017 Planning Group chose the following abstract presenters as Young Investigators Award winners:

Shane Lyons, *UK*

Vafa Alakbarzade, *UK*

Amy Ying Xin Yu, *Canada*

Vignan Yogendrakumar, *Canada*

Alan Cameron, *UK*

CME Accreditation



COMMITMENT TO THE HIGHEST STANDARDS IN CME/CPD

Kenes is committed to being a valuable and knowledgeable partner in the design and delivery of educationally strong, independent, transparent, and effective CME/CPD programmes. Kenes is a proud member of the Good CME Practice Group (gCMEp), a member organisation contributing to improving health outcomes by:

- Championing best practice in CME/CPD
- Maintaining and improving standards
- Mentoring and educating
- Working in collaboration with critical stakeholders

Membership in the Good CME Practice Group illustrates the Kenes commitment to high standards and knowledgeable partnership with its clients in the design and delivery of educationally strong, independent, transparent, effective, and financially viable medical events.

EDUCATIONAL OBJECTIVES

After participating in this educational event, learners should be able to:

- Address individual needs in compliance with their Continuous Professional Development (CPD) plan.
- Identify and discuss interventions for stroke prevention.
- Discuss complications after stroke: prediction, diagnosis, and treatment.
- Identify recent innovations in acute stroke treatment.
- Discuss the latest scientific research and developments in the field of stroke management, prevention and recovery.
- Identify neuropsychiatric complications of stroke.
- Discuss the Global Perspective of Stroke.
- Through the use of case studies, identify acute management – thrombolysis or thrombectomy.

TARGET AUDIENCE

ESOC 2017 is a global meeting place for clinicians such as physicians, nurses, nurse practitioners, physician assistants, physical therapists, and other healthcare professionals in the field of stroke and its sub-specialties. Because of the diverse, clinically focused educational offering, participants are able to tailor the curriculum to meet the needs of international clinicians of all levels of experience.

ACCREDITATION STATEMENT AND CREDIT DESIGNATION

European Accreditation Council for Continuing Medical Education (UEMS/ EACCME)

The 3rd European Stroke Organisation Conference is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS): www.uems.net

The 3rd European Stroke Organisation Conference is designated for a maximum of, or up to, 16 European external CME credits. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity. .

American Medical Association (AMA)

Through an agreement between the European Union of Medical Specialists and the American Medical Association, physicians may convert EACCME credits to an equivalent number of *AMA PRA Category 1 Credits*[™]. Information on the process to convert EACCME credit to AMA credit can be found at www.ama-assn.org/go/internationalcme.

Royal College of Physicians and Surgeons of Canada

Live educational activities, occurring outside of Canada, recognized by the UEMS-EACCME for ECMEC credits are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of The Royal College of Physicians and Surgeons of Canada. For more information, visit: www.royalcollege.ca.

CREDIT BREAKDOWN

Each participant should claim only those hours of credit that he/she actually spent in the educational activity.

Day	Maximum Credits
Tuesday, May 16, 2017	6
Wednesday, May 17, 2017	6
Thursday, May 18, 2017	4
Total Credits:	16

TO RECEIVE YOUR CME/CPD CERTIFICATE

The CME/CPD certificate will be available after completing the online evaluation and credit claiming procedure. The process takes about 5 minutes. We thank you for your feedback as it is an important part of CME/CPD accreditation and helps improve future educational offerings.

Before June 15, 2017:

1. Access the online system via any of the following
 - Visit the following link: <https://www.surveymonkey.com/r/ESOC2017Evaluation>
 - Please note that web browsers Mozilla Firefox 2.X or higher, or Google Chrome are recommended
 - Visit the CME/CPD Accreditation page on the event website
 - Follow the link in the email sent at the end of the event
2. Complete the anonymous online evaluation
3. Complete the credit claim form and submit
4. The CME/CPD certificate will be available for download; fill-in and retain for your personal records.

DISCLOSURE & RESOLUTION OF PERSONAL CONFLICTS OF INTEREST

In accordance with CME/CPD accreditation criteria and standards for commercial support to ensure balance, independence, objectivity, and scientific rigor, those in control of the educational content must disclose potential or actual conflicts of interest. Disclosure information is evaluated and conflicts of interest resolved. Disclosure is made to participants prior to the activity. Participants will be asked on the evaluation to assess the objectivity and independence of the event.

- Disclosure information is available on the event website and also posted on the notice board in the registration area.

INDUSTRY SUPPORT DISCLOSURE

This event is supported, in part, by funding from industry. All support is managed in strict accordance with CME/CPD accreditation criteria and standards for commercial support. Appropriate acknowledgement of all supporting organisations is made in the programme guide, on the event website, and with signage during the event.

- A list of all industry supporters is available in the Industry Support and Exhibition section at the back of the programme guide.
- Detailed programmes for all Industry Sessions are available on page 298



*EUROPEAN STROKE
ORGANISATION*

ESO Stroke Unit and Stroke Centre Certification

ESO has implemented a system for the certification of ESO Stroke Units and ESO Stroke Centres in Europe.

Why apply for ESO certification?

- Improves the quality of patient care by reducing variation in clinical processes
- Provides a benchmark for quality of stroke management
- Provides an objective assessment of clinical excellence
- Creates a loyal, cohesive clinical team
- Promotes a culture of excellence across the organization
- Facilitates marketing, contracting and reimbursement
- Strengthens community confidence in the quality and safety of care, treatment and services

For more information visit our homepage www.eso-certification.org and the ESO booth in the exhibition.

www.eso-certification.org

Information for Presenters

SPEAKERS' READY ROOM

Monday, 15 May	14:00 – 19:30
Tuesday, 16 May	07:30 – 19:30
Wednesday, 17 May	08:00 – 19:00
Thursday, 18 May	08:00 – 14:30

ORAL PRESENTATIONS

Data presentation: If using a PowerPoint presentation (or any other PC based application), please note you need to bring it on USB Memory stick and load it on one of the Congress computers in the Speakers' Ready Room at least 1 hour before the start of the session.

Please note that the Conference computers in the session halls are being supplied with Office 2013 (at least).

If combining video films with PowerPoint, please make sure to check it in the session hall where your lecture is taking place during a coffee or lunch break prior to your session, at least 30 minutes before the start of the session - **even after checking it in the Speakers' Ready Room.**

Alternatively you may supply your own laptop computer. In such a case please confirm that it has a VGA socket for external signal and come to check it first in the Speakers' Ready Room as soon as you arrive and later on in the session hall where your lecture is taking place during the coffee or lunch break prior to your session, at least 30 minutes before the start of the session.

Important note for Macintosh users:

In order to use MAC presentations on a PC compatible computer please note that you need to prepare it according to the instructions below, before bringing it to the Speakers' Ready Room:

1. Use a common font, such as Arial, Times New Roman, Verdana etc. (special fonts might be changed to a default font on a PowerPoint based PC).
2. Insert pictures as JPG files (and not TIF, PNG or PICT - these images will not be visible on a PowerPoint based PC).

Alternatively you may use your own Macintosh laptop computer. In such a case please confirm you provide it with a VGA adaptor for external signal, advise the operators in the Speakers' Ready Room about it as soon as you arrive and later on test it in the session hall where your lecture is taking place during the coffee or lunch break prior to your session, at least 30 minutes before the start of the session.

PLEASE NOTE: IN COMPLIANCE WITH EACCME REQUIREMENTS ALL SPEAKERS ARE REQUESTED TO INCLUDE A SLIDE DISCLOSING CONFLICTS OF INTEREST AT THE BEGINNING OF THEIR PRESENTATION.

Poster Presentations

The Poster Presentations are an important part of the scientific programme and an invaluable opportunity for exchange of ideas and update on new research. The main opportunity for poster viewing and discussion is during the lunch and coffee breaks each day and authors are requested to stand by their poster to answer questions on the day of their presentation.

Posters will be on display on the following days:

POSTER SESSION 1

TUESDAY, 16 MAY

Formal Poster Viewing and Poster Walks at 18:15 – 19:15, in conjunction with the Welcome Reception.

Presenters of Poster Session 1 are able to set up their posters from 07:30 on the day of presentation.

POSTER SESSION 2

WEDNESDAY, 17 MAY

Formal Poster Viewing and Poster Walks at 18:00 – 19:00

Presenters of Poster Session 2 are able to set up their posters from 08:00 on the day of presentation.

The posters from each session will be on display all day with formal poster viewing, networking and poster walks occurring each evening.

All poster boards will be situated in the Poster Area.

Posters should be removed at the conclusion of the Poster Session on the day of presentation.

The organisers cannot be responsible for posters not removed by the above stated time.

Please refer the scientific programme for the **board number** on which you should display your poster.

E-POSTER STATIONS

New for ESOC 2017 – Check out our E-Poster Stations in the Poster Area. These E-Poster stations combine all the advantages of a paper poster while being totally digital. This is an innovative way to view many of the accepted poster presentations. All poster presenters were provided with the opportunity to upload their printed poster to this digital platform.

Poster Session Overview

Poster Session 1 – Tuesday, 16 May	Board Number
Atrial Fibrillation, Cardioembolism and Heart-Brain Interactions	1-50
Brain-Heart Interactions	51-57
Clinical Trial Results - Acute Management - Neither Thrombolysis Nor Thrombectomy	100-121
Clinical Trial Results - Acute Management - Thrombolysis or Thrombectomy	58-99
Clinical Trial Results – Prevention	162-169
Clinical Trial Results – Rehabilitation and Recovery	122-161
Diagnosis/Investigation of Stroke Etiology	170-196
Genetics, Proteomics, Metabolomics, and Biomarkers	197-216
Intracerebral Haemorrhage	217-251
Language and Vascular Cognitive Impairment	252-261
Neurosonology	262-271
Nursing and Carers	272-281
Ongoing Trials	282-333
Prevention – Excluding Clinical Trial Results	334-349
Risk Factors for Stroke	350-397
SAH, Aneurysms and Vascular Malformations	398-418
Service Organisation	419-466
Small Vessel Disease & Cognition	467-493
Stroke Prognosis	494-541

Poster Session 2 – Wednesday, 17 May	Board Number
Case Reports	1-62
Epidemiology of Stroke	108-163
Experimental/Translational Medicine	63-107
Hyperacute Management – Excluding Clinical Trial Results	164-207
Imaging – Hyperacute	208-244
Imaging – Other than Hyperacute	245-288
Neurointervention – Excluding Clinical Trial Results	289-341
Pathophysiology of Stroke	342-353
Rare Causes, Stroke in the Young	354-380
Rehabilitation and Recovery – Excluding Clinical Trial Results	381-433
Systematic Review and Meta-Analysis	434-471
Thrombolysis – Excluding Clinical Trial Results	472-514
Women and Stroke	515-523
Young Stroke Physicians and Researchers: Research Design Workshop for Studies in Development	524-537

Poster Walks

We will be holding guided poster walks during the main poster sessions. During the sessions, the chairs will lead a small group of interested people around pre-selected posters, giving the authors a few minutes to present, and time for short discussions.

Footprints on the poster boards indicate the posters that participate in the walks.

TUESDAY, 16 MAY

18:15 – 19:15

Poster Topic	Board Numbers Area	Poster Walk Chair
Atrial fibrillation	1-6	Jonathan Mant
Clinical trials	58-63	Peter Sandercock
Intracerebral Haemorrhage	217-222	Michal Bar
Prevention	334-339	David Skoloudik
Risk factors	350-355	Ales Tomek
Service organisation	419-424	Daniel Vaclavik
Stroke prognosis	494-499	Daniel Sanak

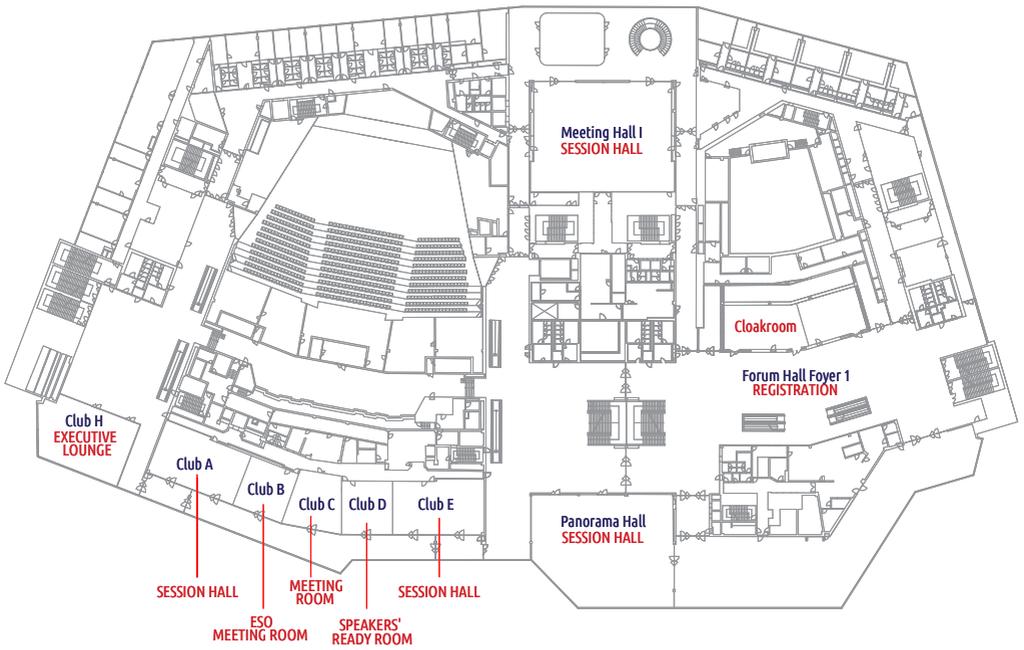
WEDNESDAY, 17 MAY

18:00 – 19:00

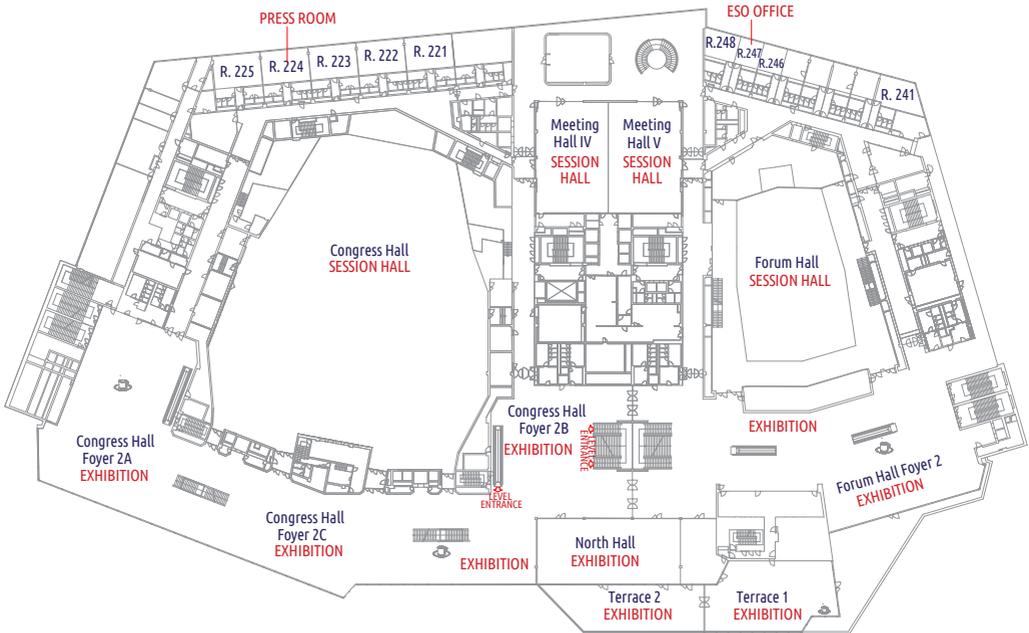
Poster Topic	Board Numbers Area	Poster Walk Chair
Epidemiology	108-113	Ondrej Skoda
Experimental and translational	63-68	Roman Herzig
Hyperacute	164-169	Gary Ford
Imaging	283-288	Jiri Neumann
Meta-Analysis	434-439	Ale Algra
Rehabilitation	381-386	Marion Walker
Thrombolysis	472-476	Georgios Tsiygoulis

Venue Maps

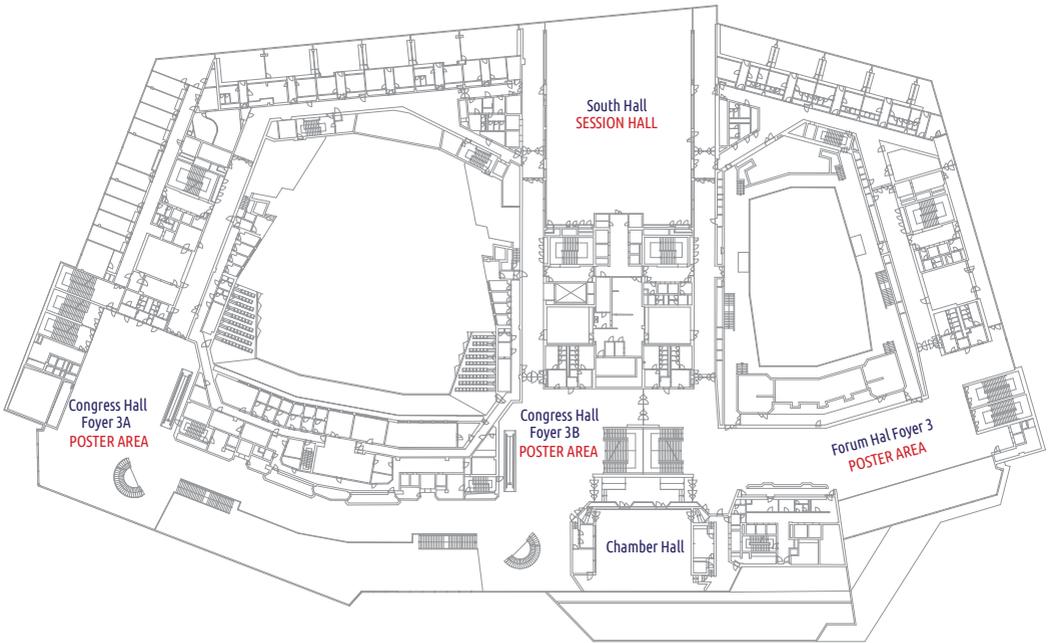
LEVEL 1



LEVEL 2



LEVEL 3



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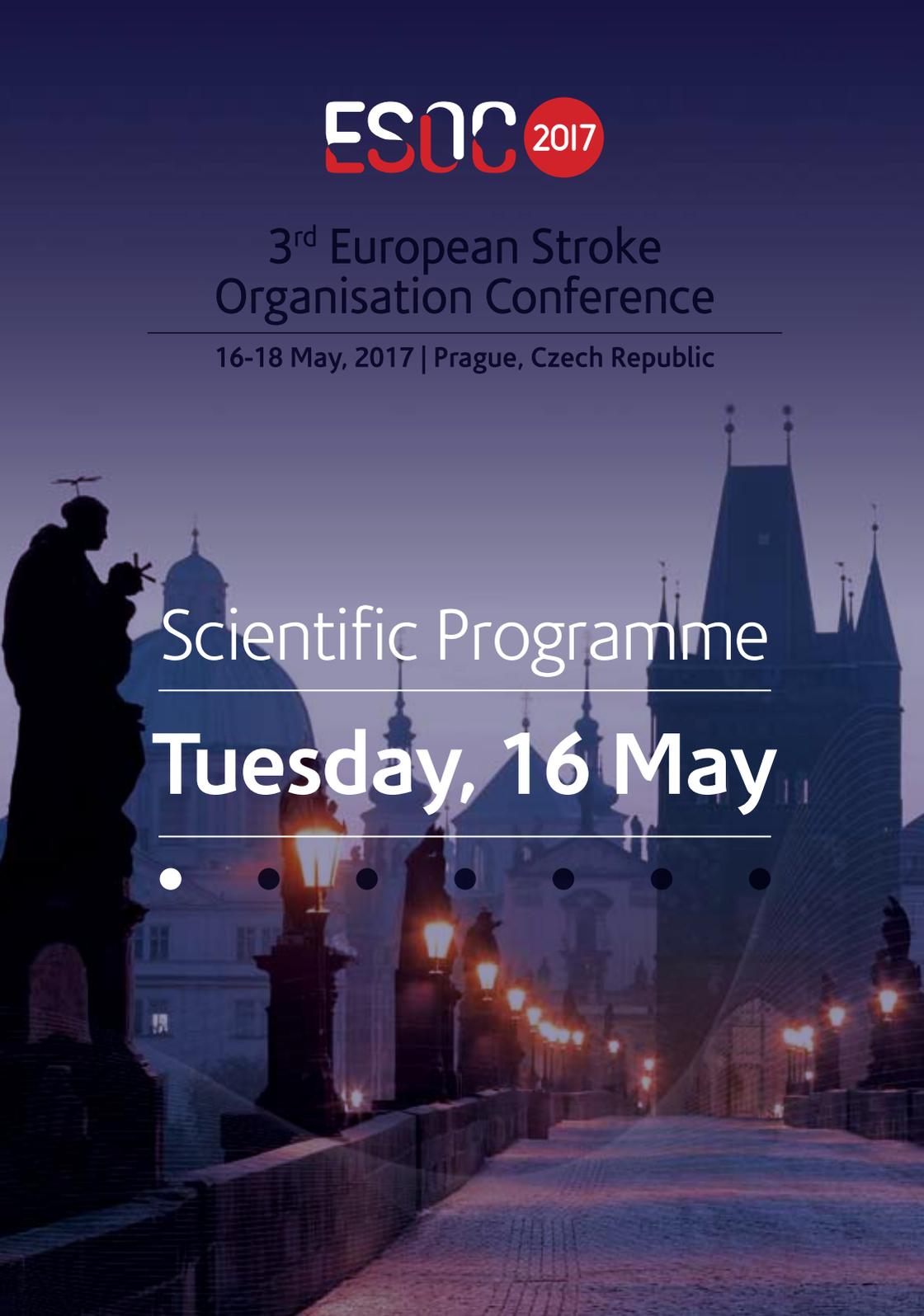
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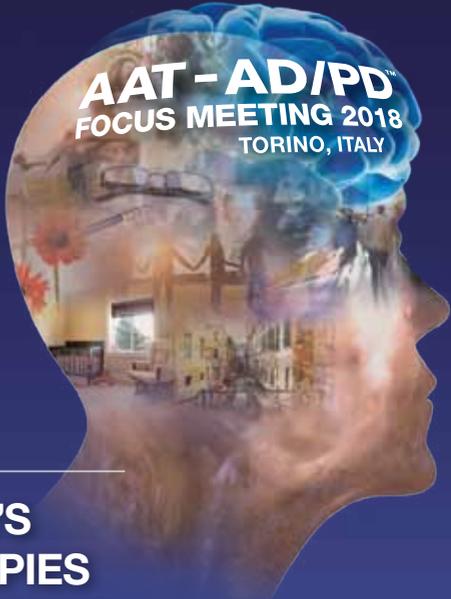
16-18 May, 2017 | Prague, Czech Republic

A background image of a Prague street at dusk. The street is paved with cobblestones and lined with ornate street lamps that are glowing. In the background, there are silhouettes of historic buildings, including a large dome and a tall spire. On the left, there is a silhouette of a statue of a man holding a child.

Scientific Programme

Tuesday, 16 May





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Manfred Windisch, Austria, Executive Organizer



Tuesday, 16 May, 2017

8:30 - 10:00

Forum Hall

Scientific Communication: Thrombolysis - Understanding the Trials

Chairs: G. Donnan (Australia)

D. Toni (Italy)

8:30 CHARACTERISTICS, MANAGEMENT AND RESPONSE TO TREATMENT IN CHINESE VS. NON-CHINESE PARTICIPANTS IN THE ENCHANTED TRIAL

L. Song, X. Wang, T. Robinson, R. Lindley, H. Arima, P. Lavados, X. Chen, J. Chalmers, C. Anderson (China)

8:40 LOW-DOSE VERSUS STANDARD-DOSE ALTEPLASE BY TIME FROM ONSET TO TREATMENT FOLLOWING ACUTE ISCHEMIC STROKE: THE ENCHANTED TRIAL

X. Wang, T. Robinson, H. Arima, R. Lindley, M. Woodward, C. Carcel, C. Anderson, J. Chalmers (Australia)

8:50 LOW-DOSE VERSUS STANDARD-DOSE ALTEPLASE BY AGE, ETHNICITY, AND SEVERITY OF ACUTE ISCHAEMIC STROKE: THE ENCHANTED TRIAL

X. Wang, T. Robinson, T.H. Lee, H. Arima, P. Bath, J. Broderick, A. Demchuk, G. Donnan, J. Kim, P. Lavados, R. Lindley, J. Pandian, O. Pontes-Neto, S. Ricci, V. Sharma, N. Thang, J.G. Wang, M. Woodward, C. Anderson, J. Chalmers (Australia)

9:00 LOW-DOSE VERSUS STANDARD-DOSE ALTEPLASE BY PRIOR STROKE AND DIABETES MELLITUS IN ACUTE ISCHEMIC STROKE: THE ENCHANTED TRIAL

G. Chen, X. Wang, T. Robinson, R. Lindley, S. Zhou, L. Ping, W. Liu, L. Liu, J. Chalmers, C. Anderson (Australia)

9:10 THROMBOLYSIS IMPLEMENTATION IN STROKE (TIPS) TRIAL: A CLUSTER RANDOMISED CONTROL TRIAL OF IMPLEMENTATION STRATEGIES FOR INTRAVENOUS THROMBOLYSIS

C. Levi, R. Sanson-Fisher, J. Attia, A. Bivard, M. Parsons, N. Spratt, S. Middleton, C. Bladin, R. Lindley, E. Kerr, A. Ryan, G. Donnan, C. Oldmeadow, K. Morris, M. Russell, M. Evans, C. Paul (Australia)

9:20 THE NORWEGIAN SONOTHROMBOLYSIS IN ACUTE STROKE STUDY (NOR-SASS). A RANDOMIZED CONTROLLED STUDY OF CONTRAST-ENHANCED SONOTHROMBOLYSIS

A. Nacu, C.E. Kvistad, H. Naess, U. Waje-Andreassen, H. Øyegarden, N. Logallo, K.D. Kurz, J. Assmus, G. Neckelmann, L. Thomassen (Norway)

- 9:30 INTRAVENOUS THROMBOLYSIS IN PATIENTS WITH STROKE UNDER RIVAROXABAN USING DRUG SPECIFIC PLASMA LEVELS – EXPERIENCE WITH A STANDARD OPERATION PROCEDURE IN CLINICAL PRACTICE**
D. Seiffge, **C. Traenka**, A. Polymeris, S. Thilemann, B. Wagner, H. Gensicke, N. Peters, C. Nickel, C. Stippich, S. Marsch, R. Sutter, R. Guzman, U. Fisch, P. Lyrer, G.M. De Marchis, L. Bonati, D. Tsakiris, S. Engelter (Switzerland)
- 9:40 PROFESSIONAL GUIDELINE VERSUS PRODUCT LICENCE SELECTION FOR TREATMENT WITH IV THROMBOLYSIS: COMPLIANCE WITH PRODUCT LICENCES IS HIGHEST IN LOWER EFFICIENCY SITES AND RESTRICTS THROMBOLYSIS USAGE**
A. Cameron, J. Bogie, A. Abdul-Rahim, N. Ahmed, M. Mazya, R. Mikulik, W. Hacke, K. Lees (United Kingdom)
- 9:50 OUTCOME AFTER ISCHEMIC STROKE IN PATIENTS OVER 80 YEARS TREATED WITH IV THROMBOLYSIS IN THE 3-4.5H COMPARED TO 3H TIME WINDOW: RESULTS FROM SITS-ISTR**
N. Ahmed, K.R. Lees, P.A. Ringleb, C. Bladin, D. Toni, G.A. Ford (Sweden)
-

8:30 - 10:00

South Hall

Intracerebral Haemorrhage I

Convenors: A. Meretoja (Finland)
N. Sprigg (United Kingdom)

- 8:30 HOW TO INVESTIGATE ACUTE ICH AND WHY?**
C. Cordonnier (France)
- 8:45 BRAIN EDEMA IN ICH: AN UNDERESTIMATED KEY PLAYER IN THE PROGNOSIS**
D. Staykov (Austria)
- 9:00 SURGERY FOR ICH IS IT STILL AN OPTION?**
J. Beck (Switzerland)
- 9:15 CRITICAL CARE FOR ICH PATIENTS: HOW FAR SHOULD WE GO?**
S. Mayer (USA)
- 9:30 PROGNOSIS OF UNTREATED CEREBRAL CAVERNOUS MALFORMATIONS**
R. Al-Shahi Salman (United Kingdom)
- 9:45 DISCUSSION**

8:30 - 10:00

Meeting Hall I

Intracranial Large Vessel Disease (APSO-ESO)

Convenors: K. Tan (Malaysia)

B. van der Worp (The Netherlands)

8:30 INTRODUCTION

8:32 EPIDEMIOLOGY: DIFFERENCES BETWEEN EAST AND WEST

J. Arenillas (Spain)

8:47 PHYSIOPATHOLOGY: COMPARISON WITH EXTRACRANIAL ATHEROSCLEROSIS

F.X. Chen (Hong Kong S.A.R.)

9:02 NEW DIAGNOSTIC METHODS

O. Bang (Republic of Korea)

9:17 PROGNOSTIC IMPACT: VASCULAR AND COGNITIVE OUTCOMES

E. López-Cancio (Spain)

9:32 STENTING OR MEDICAL THERAPY ALONE?

T.W. Leung (Hong Kong S.A.R.)

9:47 DISCUSSION

9:57 CLOSING REMARKS

8:30 - 10:00

Panorama Hall

Scientific Communication: Atrial Fibrillation

Chairs: D. Werring (United Kingdom)

P. Rothwell (United Kingdom)

- 8:30 NON-VITAMIN-K-ANTAGONIST ORAL ANTICOAGULANTS VERSUS WARFARIN IN PATIENTS WITH ATRIAL FIBRILLATION AND PREVIOUS STROKE OR TIA: AN UPDATED SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS**
G. Ntaios, V. Papavasileiou, **D. Sagris**, H.C. Diener, K. Makaritsis, P. Michel (Greece)
- 8:40 PREDICTIVE FACTORS OF STROKE RECURRENCE IN PATIENTS WITH ISCHEMIC STROKE DUE TO ATRIAL FIBRILLATION**
M. Silva, L. Legrand, R. Arjmand, C. Oppenheim, J.L. Mas, D. Calvet
- 8:50 COMPARATIVE EFFECTIVENESS OF NON-VITAMIN K ANTAGONIST ORAL ANTICOAGULANTS AND WARFARIN IN THE SCOTTISH ATRIAL FIBRILLATION POPULATION: THE VALUE OF REAL WORLD EVIDENCE**
G. Ciminata, C. Geue, O. Wu, P. Langhorne (United Kingdom)
- 9:00 PILOT STUDY OF CARDIAC MAGNETIC RESONANCE IMAGING IN EMBOLIC STROKE OF UNDETERMINED SOURCE (MR-ESUS)**
L.M. Porto, B.M.M. Gonçalves, A.L. Andrade, J.A. Torreão, C.B. Pereira, K.O. Garcia, M.B. Catto, P.J.R. Muinos, R.M. Maia, T.C. Silva, P.A.P. Jesus, J. Oliveira-Filho (Brazil)
- 9:10 EFFECTIVENESS OF DIRECT ORAL ANTICOAGULANTS IN A POPULATION STUDY OF INCIDENT ATRIAL FIBRILLATION**
A.Y.X. Yu, S. Malo, L.P. Svenson, S.B. Wilton, M.D. Hill (Canada)
- 9:20 PREDICTING RISK OF MAJOR BLEEDING IN PATIENTS WITH ATRIAL FIBRILLATION TREATED WITH ORAL ANTICOAGULATION AFTER TIA OR STROKE: EXTERNAL VALIDATION OF RISK SCORES**
N. Hilkens, A. Algra, **J. Greving** (The Netherlands)
- 9:30 EARLY RECURRENCE AND MAJOR BLEEDING IN PATIENTS WITH ACUTE ISCHAEMIC STROKE AND ATRIAL FIBRILLATION TREATED WITH DIRECT ORAL ANTICOAGULANTS. THE RAF-DOAC STUDY**
M. Paciaroni (Italy)
- 9:40 EVALUATING THE EFFECTIVENESS AND SAFETY OF NOVEL ORAL ANTICOAGULANTS COMPARED WITH VITAMIN-K ANTAGONISTS**
S. Loo, S. Dell'Aniello, J. Brophy, C. Renoux (Canada)
- 9:50 POPULATION-BASED STUDY OF PROGNOSIS OF BRIEF EPISODES OF ATRIAL FIBRILLATION ON 5-DAY HOME CARDIAC RHYTHM MONITORING AFTER TIA AND ISCHAEMIC STROKE**
S. Lyons, N. Lovett, G.S. Yiin, P.M. Rothwell (United Kingdom)

8:30 - 10:00

Meeting Hall IV

Scientific Communication: Prevention - Trials

Chairs: P. Amarenco (France)

A. Pezzini (Italy)

8:30 THE EVOLUTION OF CAROTID INTERVENTION: SECULAR TRENDS IN STENT TYPE, CEREBRAL PROTECTION DEVICES AND MEDICATION IN ACST-2, A LARGE INTERNATIONAL RCT COMPARING SURGERY WITH STENTING

R. Bulbulia, A. Halliday, L. Bonati, R. Peto, D. Morris, H. Pan, ACST-2 Collaborative Group (United Kingdom)

8:40 A CULTURALLY-TAILORED, SKILLS-BASED INTERVENTION TO REDUCE BLOOD PRESSURE IN A MULTI-ETHNIC GROUP OF MILD/MODERATE STROKE SURVIVORS WITH HYPERTENSION: RESULTS FROM THE DESERVE TRIAL

B. Boden-Albala, E. Goldmann, A.S. Lord, H.M. Kuczynski, V. Torrico, N. Appleton, J. Birkemeier, S. Turhim (USA)

8:50 OPTIMAL TIMING TO START RIVAROXABAN ADMINISTRATION TO PREVENT RECURRENT EMBOLISM IN ACUTE STROKE PATIENTS WITH NONVALVULAR ATRIAL FIBRILLATION (NVAf): THE RELAXED STUDY.

M. Yasaka, K. Minematsu, K. Toyoda, E. Mori, T. Hirano, T. Hamasaki, H. Yamagami, T. Nagao, S. Yoshimura, S. Uchiyama (Japan)

9:00 SECULAR TRENDS IN PROCEDURAL STROKE OR DEATH RISKS OF STENTING VERSUS ENDARTERECTOMY FOR SYMPTOMATIC CAROTID STENOSIS – A POOLED ANALYSIS OF RANDOMISED TRIALS

M. Müller, S. Von Felten, A. Algra, J.P. Becquemin, M. Brown, R. Bulbulia, D. Calvet, H.H. Eckstein, G. Fraedrich, A. Halliday, J. Hendrikse, G. Howard, O. Jansen, G. Roubin, J.L. Mas, T. Brott, P. Ringleb, L. Bonati (Switzerland)

9:10 RESTENOSIS AFTER STENTING VERSUS ENDARTERECTOMY FOR SYMPTOMATIC CAROTID STENOSIS AND ITS RELATIONSHIP WITH RECURRENT STROKE IN THE RANDOMISED INTERNATIONAL CAROTID STENTING STUDY (ICSS)

L. Bonati, J. Gregson, J. Dobson, D. McCabe, R. Featherstone, P. Nederkoorn, B. Van der Worp, G.J. De Borst, J. Beard, T. Cleveland, S. Engelter, P. Lyrer, G. Ford, P. Dorman, M. Brown (Switzerland)

9:20 ENDOVASCULAR TREATMENT VERSUS ENDARTERECTOMY FOR CAROTID ARTERY STENOSIS: RESULTS FROM THE UPDATED SYSTEMATIC COCHRANE REVIEW

M. Müller, P. Lyrer, M. Brown, L. Bonati (Switzerland)

9:30 NURSE-LED, TELEPHONE-BASED, SECONDARY PREVENTIVE FOLLOW-UP AFTER STROKE OR TIA IMPROVES BLOOD PRESSURE AND LDL CHOLESTEROL: THREE-YEAR RESULTS FROM THE RANDOMIZED CONTROLLED NAILED STROKE TRIAL

J. Ogren, A.L. Irewall, L. Söderström, T. Mooe (Sweden)

9:40 PRIMARY RESULTS OF EBBINGHAUS, A COGNITIVE STUDY OF PATIENTS ENROLLED IN THE FOURIER TRIAL

F. Mach, R. Giugliano, K. Zavitz, A. Keech, T. Pedersen, M. Sabatine, P. Sever, C. Kurtz, H. Honarpour, B.R. Ott (Switzerland)

9:50 TICAGRELOR VERSUS ASPIRIN IN ACUTE EMBOLIC STROKE OF UNDETERMINED SOURCE (ESUS)

P. Amarencu, G.W. Albers, H. Denison, J.D. Easton, S.R. Evans, P. Held, M.D. Hill, J. Jonasson, S.E. Kasner, P. Ladenvall, K. Minematsu, C.A. Molina, Y. Wang, K.S.L. Wong, S.C. Johnston (France)

8:30 - 10:00

Meeting Hall V

Scientific Communication: Genetics, Genomics & Proteomics

Chairs: J. Montaner (Spain)

H. Markus (United Kingdom)

- 8:30** **PROTEOMIC SIGNATURE OF TIA/MILD STROKE FROM PERIPHERAL BLOOD SAMPLES DRAWN IN EMERGENCY DEPARTMENTS: THE SPECTRA STUDY**
A.M. Penn, V. Saly, S.B. Coutts, R.F. Balshaw, K. Votova, M.B. Bibok, M.L. Lesperance, M. Penn, N.S. Croteau, A. Trivedi, A.M. Jackson, D.S. Smith, K.K. Lam, C.H. Borchers (Canada)
- 8:40** **SERUM AMYLOID A AS AN EARLY PREDICTOR OF STROKE ASSOCIATED INFECTION**
A. Bustamante, V. Fétaud, T. García-Berrococo, A. Penalba, A. Simats, M. Muchada, M. Rubiera, M. Katan, J.C. Sanchez, J. Montaner (Spain)
- 8:50** **TARGETED LIPID PROFILING DISCOVERS NOVEL PLASMA BIOMARKERS OF LARGE VESSEL STROKE: RESULTS OF THE ASPIRE-STROKE STUDY**
S.A. Sheth, A.T. Iavarone, G.J. Wong, R. Liou, K. Malhotra, S. Starkman, D.S. Liebeskind, J.L. Saver, S.I. Savitz, G. Nestor R. (USA)
- 9:00** **RARE EXONIC VARIANTS IN EXTREMES OF MRI-MARKERS FOR CEREBRAL SMALL VESSEL DISEASE**
A. Mishra, G. Chauhan, M.H. Violleau, B. Mazoyer, C. Tzourio, S. Debette (France)
- 9:10** **GENOME WIDE STUDY FOR RARE VARIANTS REVEALS LOCI ASSOCIATED WITH HEMORRHAGIC TRANSFORMATION AFTER RT-PA**
C. Carrera Váscquez, N. Cullell, N. Torres, E. Muiño Acuña, J. Jimenez-Conde, J. Roquer, E. López-Cancio, A. Dávalos, J. Arenillas, C. Vives-Bauza, M. Ribó, J. Krupinski, D. Strbian, T. Tatlisumak, L. Heitsch, L. Ibanez, C. Cruchaga, J. Montaner, J.M. Lee, I. Fernández-Cadenas (Spain)
- 9:20** **AN EPIGENOME WIDE ASSOCIATION STUDY REVEALS AN ALTERED METHYLATION PATTERN ASSOCIATED WITH ACUTE NEUROLOGICAL OUTCOME AFTER ISCHEMIC STROKE**
N. Cullell, M. Mola-Caminal, C. Soriano-Tárraga, C. Gallego-Fabrega, C. Carrera, E. Muiño, J. Krupinski, N. Torres, L. Heitsch, L. Ibanez, C. Cruchaga, J. Montaner, J.M. Lee, A. Ois, A. Rodríguez-Campello, E. Cuadrado-Godía, E. Giralt-Steinhauer, J. Roquer, J. Jimenez-Conde, I. Fernandez-Cadenas (Spain)
- 9:30** **GENOME-WIDE INTERACTION ANALYSIS WITH HYPERTENSION IN ASSOCIATION WITH WHITE MATTER HYPERINTENSITY BURDEN: THE COHORTS FOR HEART AND AGING RESEARCH IN GENOMIC EPIDEMIOLOGY (CHARGE) CONSORTIUM**
M. Sargurupremraj, C. Sarnowski, X. Jian, H. Adams, G. Chauhan, E. Hofer, J. Bis, A. Teumer, S. Hagenaars, L. Yanek, N. Armstrong, E. Van Denakker, A. Vernon Smith, R. McWhirter, S. Trompet, K. Bharat Rajan, S. Seshadri, S. Debette, M. Fornage (France)

- 9:40 DILATED PERIVASCULAR SPACES, A MARKER OF CEREBRAL SMALL VESSEL DISEASE, ARE HIGHLY HERITABLE**
M.G. Duperron, C. Tzourio, M. Sargurupremraj, B. Mazoyer, S. Schilling, P. Amouyel, G. Chauhan, Y.C. Zhu, S. Debette (France)
- 9:50 EXOME SEQUENCING AND CHIP ANALYSES OF SMALL SUBCORTICAL MRI-DEFINED BRAIN INFARCTS**
D. Vojinovic, G. Chauhan, X. Jian, S.H. Choi, J. Bis, A. Teumer, N. Dueker, M. Luciano, E. Hofer, Z. Wanting, C.Y. Cheng, H. Grabe, R. Schmidt, J. Wardlaw, M. Fornage, W. Longstreth, S. Seshadri, C. Van Duijn, S. Debette (The Netherlands)
-

8:30 - 10:00



Club A

Workshop/Teaching Course: Stroke Syndromes

Convenors: A. Merwick (United Kingdom)
N. Hannon (United Kingdom)

- 8:30 POSTERIOR CIRCULATION : CLINICAL DIAGNOSIS**
A. Merwick (United Kingdom)
- 8:50 STROKE CHAMELEONS: HOW TO RECOGNIZE UNUSUAL STROKE PRESENTATIONS**
N. Hannon (United Kingdom)
- 9:10 CLINICAL PRESENTATION OF STROKE IN CHILDREN**
B. Goeggel Simonetti (Switzerland)
- 9:30 SPINAL CORD ISCHEMIA: PRESENTATION, WORK-UP AND TREATMENT**
K. Jellema (The Netherlands)
- 9:50 DISCUSSION**

8:30 - 10:00



Club E

Workshop/Teaching Course: Acute Stroke Treatment

Convenors: M. Mazya (Sweden)
J. Ferro (Portugal)

8:30 **HARD AND SOFT CONTRAINDICATIONS FOR IV THROMBOLYSIS**
M. Mazya (Sweden)

8:50 **ENDOVASCULAR TREATMENT FOR MINOR STROKES**
S. Davis (Australia)

9:10 **ACUTE TREATMENT OF INTRACEREBRAL HAEMORRHAGE**
Y. Roos (The Netherlands)

9:30 **ACUTE TREATMENT OF CEREBRAL VENOUS SINUS THROMBOSIS**
J. Ferro (Portugal)

9:50 **DISCUSSION**

10:00 - 10:30

Exhibition Area

Coffee Break, Exhibition, Poster Viewing

10:30 - 12:00

Congress Hall

Plenary: Official Welcome & Large Clinical Trials

Convenors: M. Dichgans (Germany)
R. Mikulik (Czech Republic)

10:30 WELCOME ADDRESS

10:40 CLOSURE OF PATENT FORAMEN OVALE, ORAL ANTICOAGULANTS OR ANTIPLATELET THERAPY TO PREVENT STROKE RECURRENCE (CLOSE): A RANDOMIZED CLINICAL TRIAL

J.L. Mas, G. Derumeaux, J.M. Juliard, B. Guillon, E. Massardier, P. Guérin, H. Hosseini, E. Teiger, L. Mechtouff, C. Arquizan, M. Giroud, O. Detante, C. Guidoux, S. Canaple, C. Vaduva, C. Cordonnier, I. Sibon, P. Garnier, J.R. Lussion, G. Chatellier (France)

10:50 PFO CLOSURE IN THE GORE REDUCE CLINICAL TRIAL: PRIMARY RESULTS

S.E. Kasner, L. Søndergaard, J.F. Rhodes, L. Thomassen (USA)

11:00 DAWN in full daylight (DWI or CTP Assessment with Clinical Mismatch in the Triage of Wake Up and Late Presenting Strokes Undergoing Neurointervention)

T.G. Jovin, R.G. Nogueira, For the DAWN investigators (USA)

11:10 PROBUCOL FOR PREVENTION OF CARDIOVASCULAR EVENTS IN ISCHEMIC STROKE PATIENTS WITH HIGH RISK OF CEREBRAL HEMORRHAGE (PICASSO) STUDY: A MULTICENTER, RANDOMIZED CONTROLLED TRIAL

E.J. Lee, S. Kwon, J.H. Park, Y.J. Kim, K.S. Hong, J.S. Lee, J. Lee, J.M. Park, J.H. Lee, H.W. Nah, S.H. Heo, Y.D. Kim, W.K. Seo, E.G. Kim, J.K. Cha, J.H. Kwon, S.I. Sohn, J. Lee, J.C. Navarro, K. Wong (Republic of Korea)

11:20 EFFICACY OF EARLY COGNITIVE-LINGUISTIC TREATMENT FOR APHASIA DUE TO STROKE; A RANDOMISED CONTROLLED TRIAL (RATS-3)

F. Nouwens, L. De Lau, E. Visch-Brink, M. Van de Sandt-Koenderman, H. Lingsma, P. Koudstaal, D. Dippel (The Netherlands)

11:30 THE T3 TRIAL: TRIAGE, TREATMENT AND TRANSFER OF PATIENTS WITH STROKE IN EMERGENCY DEPARTMENTS

S. Middleton, C. Levi, S. Dale, N.W. Cheung, E. McInnes, J. Considine, C. D'Este, D. Cadilhac, J. Grimshaw, R. Gerraty, L. Craig, V. Schadewaldt, P. McElduff, M. Fitzgerald, C. Quinn, G. Cadigan, S. Denisenko, M. Longworth, J. Ward (Australia)

11:40 CONTACT ASPIRATION VERSUS STENT RETRIEVER FRONT- LINE FOR RECANALISATION IN ACUTE CEREBRAL INFARCTION: THE ASTER TRIAL

B. Lapergue, J. LABREUCHE, M. PIOTIN, A.I. ASTER INVESTIGATORS (France)

11:50 THE NORWEGIAN TENECTEPLASE STROKE TRIAL (NOR-TEST): RANDOMISED CONTROLLED TRIAL OF TENECTEPLASE VS. ALTEPLASE IN ACUTE ISCHAEMIC STROKE

N. Logallo, V. Novotny, L. Thomassen (Norway)

12:00 - 12:45

Exhibition Area

Lunch Break, Exhibition, Poster Viewing

12:45 - 14:15

Forum Hall

Industry Supported Session

Not included in main CME/CPD Event. For details see page 299

12:45 - 14:15

South Hall

Industry Supported Session

Not included in main CME/CPD Event. For details see page 300

12:45 - 14:15

Meeting Hall I

Industry Supported Session

Not included in main CME/CPD Event. For details see page 301

12:45 - 14:15

Panorama Hall

Industry Supported Session

Not included in main CME/CPD Event. For details see page 302

12:45 - 14:15

Meeting Hall IV

Industry Supported Session

Not included in main CME/CPD Event. For details see page 303

14:15 - 14:30

Short Break

14:30 - 16:00

Plenary: Presidential Symposium - Awards & Trials

Convenors: V. Caso (Italy)

K.R. Lees (United Kingdom)

14:30 AWARDS

14:40 REAL-WORLD APPLICABILITY OF ENDOVASCULAR THERAPY IN ICA AND/OR MCA-M1 OCCLUSIONS TREATED IN THE 6-24-HOUR WINDOW: SUBGROUP ANALYSIS OF THE PROSPECTIVE TREVO REGISTRY

R. Nogueira, D. Liebeskind, R. Budzik, R. Gupta, A. Krajina, J. English, B. Baxter, B.M. Bartolini, A. Malek, A. Sarraj, A.P. Narata, M. Taqi, T. Miller, T. Grobelny, L. Estrade, T. Jovin, E. Veznedaroglu (USA)

14:50 THROMBOLYSIS OR ANTICOAGULATION FOR CEREBRAL VENOUS THROMBOSIS (TO-ACT): A RANDOMISED CONTROLLED TRIAL

J. Coutinho, J. Ferro, S. Zuurbier, R. De Haan, J. Reekers, E. Houdart, I. Crassard, P. Canhao, M.G. Boussier, J. Stam (The Netherlands)

15:00 TALOS: A MULTICENTER, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED TRIAL TO TEST THE VASCULAR AND NEUROPROTECTIVE EFFECTS OF CITALOPRAM IN PATIENTS WITH ACUTE ISCHEMIC STROKE

G. Andersen, **K.L. Kraglund**, J.K. Mortensen, A.G. Lauritsen, B. Modrau, S.A. Simonsen, H.K. Iversen, M. Madsen, E.L. Grove, P.J. Søren (Denmark)

15:10 MODIFIERS OF ENDOVASCULAR TREATMENT EFFECT: A PRESPECIFIED PATIENT-LEVEL POOLED ANALYSIS OF ALL AVAILABLE TRIALS. THE VISTA-ENDOVASCULAR COLLABORATORS

P. Khatri (USA)

15:20 PROGNOSTIC AND TREATMENT IMPACT OF PENUMBRA IMAGING IN POOLED ANALYSIS OF RANDOMIZED TRIALS OF ENDOVASCULAR STENT THROMBECTOMY

B. Campbell, C. Majoie, B. Menon, S. Bracard, M. Hill, K.W. Muir, A. Demchuk, L. San Román, A. Van der Lugt, D. Liebeskind, S. Brown, G. Sharma, P. White, F. Guillemin, A. Dávalos, T. Jovin, J. Saver, D.W.J. Dippel, M. Goyal, P. Mitchell (Australia)

15:30 TIME DELAYS AND ENDOVASCULAR TREATMENT EFFECT: A PRESPECIFIED PATIENT-LEVEL POOLED ANALYSIS OF ALL AVAILABLE TRIALS. THE VISTA-ENDOVASCULAR COLLABORATORS

D. Dippel (The Netherlands)

15:40 TESPI (THROMBOLYSIS IN ELDERLY STROKE PATIENTS IN ITALY): RANDOMIZED CONTROLLED TRIAL OF ALTEPLASE VERSUS STANDARD TREATMENT IN PATIENTS AGED >80 YEARS WITHIN 3HRS AFTER STROKE ONSET

S. Lorenzano, A. Vestri, D. Toni, On behalf of TESPI trial investigators (Italy)

15:50 OFF LABEL USE OF ALTEPLASE FOR ACUTE ISCHEMIC STROKE (AIS) IN PATIENTS OVER 80 YEARS OF AGE: INDIVIDUAL-PATIENT-DATA META-ANALYSIS OF EIGHT TRIALS

W. Hacke (Germany)

16:00 - 16:30

Exhibition Area

Coffee Break, Exhibition, Poster Viewing

16:30 - 18:00

Congress Hall

Endovascular Treatment I (ESMINT-ESO)

Convenors: P. Brouwer (Sweden)

D. Dippel (The Netherlands)

16:30 ENDOVASCULAR TREATMENT OF ISCHEMIC STROKE: CURRENT EVIDENCE

P. Khatri (USA)

16:45 PRE-HOSPITAL SELECTION FOR ENDOVASCULAR TREATMENT

U. Fischer (Switzerland)

17:00 IMAGING-BASED SELECTION FOR ENDOVASCULAR TREATMENT

C. Cognard (France)

17:15 ENDOVASCULAR STROKE TREATMENT BEYOND GUIDELINES: A PLEA FOR THE PATIENT

J. Gralla (Switzerland)

17:30 HOW TO ORGANIZE YOUR STROKE CENTER AND STROKE NETWORK

M. Goyal (Canada)

17:45 DISCUSSION

16:30 - 18:00

Forum Hall

Scientific Communication: Small Vessel Disease and Vascular Cognitive Impairment

Chairs: J. Ferro (Portugal)

S. Pendlebury (United Kingdom)

- 16:30 IMPACT OF WHITE MATTER HYPERINTENSITIES, CEREBRAL MICROBLEEDS AND MEDIAL TEMPORAL LOBE ATROPHY ON SHORT AND LONG-TERM REHABILITATION OUTCOMES AFTER STROKE**
J. Kwan, V. Mak, R. Hui, B. Ng, K. So, G. Kai, H. Mak (Hong Kong S.A.R.)
- 16:40 TOTAL SMALL VESSEL DISEASE SCORE AND RISK OF RECURRENT STROKE - VALIDATION IN TWO LARGE COHORTS**
G.K.K. Lau, L. Li, U. Schulz, M. Simoni, K.H. Chan, S.L. Ho, R.T.F. Cheung, W. Kueker, H.K.F. Mak, P. Rothwell (United Kingdom)
- 16:50 STEPWISE RELATIONSHIP BETWEEN SEVERITY OF ACUTE CEREBROVASCULAR EVENTS AND PRE/POST-EVENT DEMENTIA: POPULATION-BASED STUDY OF TIA AND STROKE**
S. Pendlebury, R. Wharton, Z. Mehta, P. Rothwell (United Kingdom)
- 17:00 PREDICTORS OF DEMENTIA AFTER TIA/STROKE: 15-YEAR POPULATION-BASED FOLLOW-UP STUDY**
S. Pendlebury, R. Wharton, L. Li, Z. Mehta, P. Rothwell (United Kingdom)
- 17:10 PRECISE HISTOLOGICAL-RADIOLOGICAL CORRELATIONS OF BRAIN PATHOLOGY IN SMALL VESSEL DISEASE**
C.A. Humphreys, M. Jansen, V. Gonzalez-Castro, C. Pernet, I.J. Deary, R. Al-Shahi Salman, J.M. Wardlaw, C. Smith (United Kingdom)
- 17:20 THE DIFFERENTIAL EVOLUTION OF ACUTE SMALL INFARCTS OVER TIME IN PATIENTS WITH SMALL VESSEL DISEASE**
K. Wiegertjes, A. Ter Telgte, A. Tuladhar, P. Barbosa Oliveira, M. Bergkamp, H. Van der Holst, E. Van Leijssen, I. Van Uden, D. Norris, M. Ghafoorian, P. Bram, E. Van Dijk, C. Klijn, F.E. De Leeuw (The Netherlands)
- 17:30 SPATIAL RELATION BETWEEN LOBAR MICROBLEEDS AND JUXTACORTICAL PERIVASCULAR SPACES ON 7T MRI IN AMNESTIC MILD COGNITIVE IMPAIRMENT AND EARLY ALZHEIMER'S DISEASE**
W. Bouvy, S. Van Veluw, H. Kuijff, J. Zwanenburg, L.J. Kappelle, P. Luijten, D. Koek, M. Geerlings, G.J. Biessels (The Netherlands)
- 17:40 CEREBRAL MICROBLEEDS AND THE RISK OF INCIDENT ISCHEMIC STROKE IN CADASIL**
L. Puy, F. De Guio, O. Godin, M. Duering, M. Dichgans, H. Chabriat, E. Jouvent (France)

17:50 UP-REGULATION OF COL4A1 AND COL4A2 GENES THROUGH VARIOUS MECHANISMS LEADS TO SEVERE EARLY ONSET ISCHAEMIC SMALL VESSEL DISEASE, INCLUDING PADMAL

E. Tournier-Lasserre, E. Verdura, D. Hervé, F. Bergametti, C. Jacquet, T. Morvan, C. Prieto-Morin, A. Mackowiak, E. Manchon, H. Hosseini, C. Cordonnier, I. Girard-Buttaz, S. Rosenstingl, C. Hagel, G. Kuhlenbaumer, L. Fleming, T. Van Agtmael, H. Chabriat, F. Chapon

16:30 - 18:00

South Hall

Neuropsychiatric Complications of Stroke

Convenors: M. Hackett (Australia)

H. Henon (France)

16:30 CHALLENGES IN DIAGNOSING NEUROPSYCHIATRIC COMPLICATIONS AFTER STROKE

O. Godefroy (France)

16:45 PREDICTORS AND PROGNOSTIC FACTORS

A. Verdelho (Portugal)

17:00 MECHANISMS OF POST-STROKE DEMENTIA

J. Minnerup (Germany)

17:15 APATHY AND FATIGUE IN PATIENTS WITH CEREBROVASCULAR DISEASE

H. Chabriat (France)

17:30 TREATING NEUROPSYCHIATRIC COMPLICATIONS: WHAT THE CLINICIAN NEEDS TO KNOW

C. Chen (Singapore)

17:45 DISCUSSION

16:30 - 18:00

Meeting Hall I

Women & Stroke

Convenors: S. Agnieszka (Poland)
M. Arnold (Switzerland)

16:30 STROKE INCIDENCE AND PREVALENCE IN WOMEN

V. Caso (Italy)

16:45 SEX DIFFERENCES IN PRESENTING SIGNS AND SYMPTOMS

H. Christensen (Denmark)

17:00 SEX DIFFERENCES IN STROKE OUTCOME AND HOW TO OVERCOME THEM

D. Jovanovic (Serbia)

17:15 RISK OF STROKE IN OLDER WOMEN

H. Ihle-Hansen (Norway)

17:30 IMAGING AND REPERFUSION TREATMENT OF STROKE IN PREGNANCY

K. Rantanen (Finland)

17:45 DISCUSSION

16:30 - 18:00

Panorama Hall

Scientific Communication: Prognosis - Recurrent Events

Chairs: P. Michel (France)

S. Jung (Switzerland)

- 16:30 SELF-RATED HEALTH, ONE TO FIVE YEARS AFTER STROKE**
K. Bjälkefur, **A. Rejnö**, S. Nasic, E. Bertholds, K. Jood (Sweden)
- 16:40 EMBOLIC STROKES OF UNDETERMINED SOURCE IN THE HELSINKI YOUNG STROKE REGISTRY: LONG-TERM OUTCOME**
N. Martinez-Majander, K. Aarnio, J. Pirinen, T. Lumikari, T. Nieminen, M. Lehto, J. Sinisalo, M. Kaste, T. Tatlisumak, J. Putaala (Finland)
- 16:50 RISK OF DEATH, READMISSION, CARDIOVASCULAR AND BLEEDING EVENTS AMONG PATIENTS WITH AND WITHOUT ATRIAL FIBRILLATION AND MILD, MODERATE AND SEVERE ISCHEMIC STROKE**
J. Prvu Bettger, D.D. Bhandary, D.L. Bhatt, G.C. Fonarow, P. Heidenreich, S. Johansson, L. Liang, E.D. Peterson, B. Reicher, E.E. Smith (USA)
- 17:00 SOCIOECONOMIC STATUS AND THE RISK OF STROKE RECURRENCE. PERSISTING GAPS OBSERVED IN A NATIONWIDE SWEDISH STUDY 2001–2012.**
J. Pennert, K. Asplund, E.L. Glader, B. Norrving, M. Eriksson (Sweden)
- 17:10 POPULATION-BASED STUDY OF FREQUENCY, RISK FACTORS AND LONG-TERM PROGNOSIS OF TIA AND ISCHAEMIC STROKE IN PATIENTS WITH SYMPTOMATIC DISEASE IN OTHER VASCULAR BEDS**
M.R. Heldner, L. Li, D.P. Howard, P.M. Rothwell (United Kingdom)
- 17:20 PROGNOSTIC SIGNIFICANCE OF BLOOD PRESSURE VARIABILITY ON BEAT-TO-BEAT VERSUS AWAKE AMBULATORY AND DAY-TO-DAY MONITORING**
A. Webb, S. Mazzuco, L. Li, P. Rothwell (United Kingdom)
- 17:30 THE PREDICTIVE VALUE OF PULSE PRESSURE DURING ACUTE STAGE OF ISCHEMIC STROKE FOR FUTURE MAJOR VASCULAR EVENTS**
K.J. Lee, B.J. Kim, J.T. Kim, D.I. Shin, J.K. Cha, D.E. Kim, J.M. Park, S.J. Lee, M.S. Oh, B.C. Lee, K.S. Hong, Y.J. Cho, J.C. Choi, S.I. Sohn, T.H. Park, W.J. Kim, J. Lee, J.S. Lee, J. Lee, H.J. Bae (Republic of Korea)
- 17:40 EFFECTS OF STATIN INTENSITY AND ADHERENCE ON THE LONG-TERM PROGNOSIS AFTER ACUTE ISCHEMIC STROKE: A NATIONWIDE POPULATION-BASED COHORT STUDY**
J. Kim, H.S. Lee, C.M. Nam, J.H. Heo (Republic of Korea)
- 17:50 EARLY TIME COURSE OF MAJOR AND INTRACRANIAL BLEEDING IN PATIENTS WITH CEREBRAL ISCHAEMIA ON ANTIPLATELET THERAPY**
N. Hilkens, A. Algra, J. Kappelle, J. Greving, X. CAT collaboration (The Netherlands)

16:30 - 18:00

Meeting Hall IV

Scientific Communication: Rehabilitation and Recovery

Chairs: A. Massaro (Brazil)

T. Quinn (United Kingdom)

16:30 OUTCOME MEASUREMENT IN STROKE UPPER LIMB REHABILITATION TRIALS: DO WE MEASURE WHAT MATTERS?

J. Duncan Millar, M. Ali, A. Pollock, F. Van Wijck (United Kingdom)

16:40 ANALYSIS OF MORTALITY AND MORBIDITY AFTER PERCUTANEOUS ENDOSCOPIC GASTROSTOMY(PEG) AND RADIOLOGICALLY-INSERTED GASTROSTOMY(RIG) – AN EIGHT –YEAR FOLLOW UP STUDY FROM THE UK

S. Munshi, S. Raghunathan, M. Barclay, C. Chee, T. Buchanan, K. Teahon, A. Shetty, M. Maddula, W. Sunman, G. Subramanian, L. Everton, T. Reid, N. Sprigg, L. Taylor, I. Brown, S. Murphy, L. Taylor, P. Bath (United Kingdom)

16:50 WHEN NEGLECT IS BEING NEGLECTED: THE POOR SENSITIVITY OF SYMPTOM-BASED ASSESSMENT OF INATTENTION IN ACUTE STROKE

N. Demeyere, N. Shalev, M. Moore, E. Slavkova, M.J. Riddoch (United Kingdom)

17:00 GENDER DIFFERENCE IN RESPONSE TO FAMILY-LED REHABILITATION AFTER STROKE

R. Lindley, J. Pandian, L. Harvey, A. Forster, M. Walker, P. Langhorne, G. Murthy, M. Hackett, P. Maulik, C. Anderson, S. Jan, L. Billot, Q. Li (Australia)

17:10 EARLY USE OF ABOBOTULINUMTOXINA IN ADULTS WITH POST-STROKE SPASTICITY IMPROVES MUSCLE TONE AND INCREASES TIME TO REINJECTION: RESULTS FROM ONTIME AND ABCDE S STUDIES

R.L. Rosales, K.H. Kong, W. Kumthornthip, M. Mazlan, L. Abdul Latif, M.M.D. De Los Santos, C. Chotiyarnwong, P. Tanvijit, O. Nuez, J. Balcaitiene, P. Maisonobe, K.J. Goh (Philippines)

17:20 INTRATHECAL BACLOFEN THERAPY COMPARED TO THE CONVENTIONAL TREATMENT: EFFICACY RESULTS IN THE MANAGEMENT OF POST-STROKE SPASTICITY OF THE SISTERS RANDOMIZED CONTROL TRIAL

M. Creamer, G. Cloud, P. Kossmehl, M. Yochelson, G. Francisco, A. Ward, J. Wissel, M. Zampolini, M. Loven, N. Berthuy, A. Abouihia, A. Calabrese, L. Saltuari (Austria)

17:30 MODAFINIL IN DEBILITATING FATIGUE AFTER STROKE (MIDAS): A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, CROSS-OVER TRIAL

A. Bivard, T. Lillicap, V. Krishnamurthy, H. Elizabeth, A. John, H. Pagram, M. Nilsson, M. Parsons, C. Levi (Australia)

17:40 GUSS TEST AS A DYSPHAGIA SCREENING TOOL AND ITS IMPACT ON THE FREQUENCY OF RESPIRATORY INFECTIONS IN PATIENTS WITH ISCHEMIC STROKE

M. Lopes, E. Freitas, J. Pinho, M. Oliveira, E. Dantas, N. Azevedo, P. Rodrigues, C. Ferreira (Portugal)

17:50 NOVEL NON-INVASIVE DYSPHAGIA DETECTION SYSTEM (DDS) FOR BEDSIDE ASSESSMENT OF SWALLOWING IN PATIENTS AT RISK OF OROPHARYNGEAL DYSPHAGIA: RESULTS FROM AN EXPLORATORY STUDY

C.M. Steele, R. Mukherjee, N. Muehlemann, M. Jedwab, P.M. Bath, K.R. Lees, A. Meretoja, For the SONAR Investigators (Canada)

16:30 - 18:00

Meeting Hall V

Scientific Communication: Epidemiology

Chairs: G.J. Hankey (Australia)

V. Feigin (New Zealand)

16:30 EARLY LIFE RISK FACTORS FOR STROKE IN THE UK BIOBANK

C. McHutchison, F.M. Chappell, D. Dickie, J.M. Wardlaw (United Kingdom)

16:40 RAPID INCREASE OF THE INCIDENCE OF STROKE IN YOUNG ADULTS IN THE NETHERLANDS BETWEEN 1998 AND 2010

M. Ekker, J. Verhoeven, K. Van Nieuwenhuizen, E. Van Dijk, I. Vaartjes, C. Klijn, F.E. De Leeuw (The Netherlands)

16:50 DILATED PERIVASCULAR SPACES ARE ASSOCIATED WITH HIGH INCIDENT HEMORRHAGIC STROKE RISK

M.G. Duperron, S. Sabrina, Y.C. Zhu, B. Mazoyer, C. Tzourio, S. Debette (France)

17:00 THE MEDIATING ROLE OF THE MICROVASCULATURE ON THE EFFECT OF SMOKING ON ISCHEMIC STROKE: A CAUSAL MEDIATION ANALYSIS

M.K. Ikram (The Netherlands)

17:10 ISCHEMIC STROKE ETIOLOGIC SUBTYPES DISTRIBUTION: A POPULATION-BASED STUDY AND A META-ANALYSIS

S. Sacco, R. Ornello, C. Di Carmine, D. Degan, C. Tiseo, L. Perciballi, F. Pistoia, C. Antonio (Italy)

17:20 PATENT FORAMEN OVALE IS NOT ASSOCIATED WITH NEW DIFFUSION WEIGHTED IMAGING LESIONS ONE WEEK AFTER AN ISCHEMIC STROKE

T.B. Braemswig, T. Usnich, J.B. Fiebach, H.J. Audebert, M. Endres, C.H. Nolte (Germany)

17:30 TRENDS IN STROKE SEVERITY AND BASELINE RISK PROFILE IN PATIENTS TREATED ON A COMPREHENSIVE STROKE UNIT IN NORWAY IN 1994 VERSUS 2012

A.S. Labberton, B. Thommessen, O.M. Rønning, M. Barra (Norway)

17:40 POPULATION-BASED STUDY OF TEMPORAL TRENDS IN INCIDENCE, RISK FACTORS AND AETIOLOGY OF "YOUNG STROKE" IN OXFORDSHIRE, UK

L. Li, C. Scott, Z. Mehta, L. Silver, P.M. Rothwell, On behalf of the Oxford Vascular Study (United Kingdom)

17:50 30-YEARS TREND IN BASELINE CARDIOVASCULAR RISK FACTORS AND OUTCOME FOLLOWING CAROTID ENDARTERECTOMY WITHIN THREE CONSECUTIVE RANDOMIZED TRIALS

L. Benjamin (United Kingdom)

16:30 - 18:00



Club A

Workshop/Teaching Course: Transient Neurological Syndromes: Clinical and Radiological Features

Convenors: C. Fonseca (Portugal)
A.H. Aamodt (Norway)

16:30 TRANSIENT ISCHEMIC ATTACK

C. Fonseca (Portugal)

16:50 TRANSIENT GLOBAL AMNESIA

K. Szabo (Germany)

17:10 AMYLOID SPELLS

T. Gatteringer (Austria)

17:30 MIGRAINE WITH AURA

A.H. Aamodt (Norway)

17:50 DISCUSSION

16:30 - 18:00



Club E

Workshop/Teaching Course: Stroke Unit Care

Convenors: M. Walshe (Ireland)
S. Kiechl (Austria)

16:30 **MONITORING IN THE STROKE UNIT: WHY, WHAT, AND HOW LONG?**

M. Köhrmann (Germany)

16:50 **DYSPHAGIA MANAGEMENT IN ACUTE STROKE**

M. Walshe (Ireland)

17:10 **EARLY NEUROREHABILITATION IN THE STROKE UNIT**

L. Johnson (Australia)

17:30 **HOW TO TREAT EARLY STROKE RECURRENCES IN THE STROKE UNIT**

S. Kiechl (Austria)

17:50 **DISCUSSION**

18:00 - 19:15

Exhibition & Poster Area

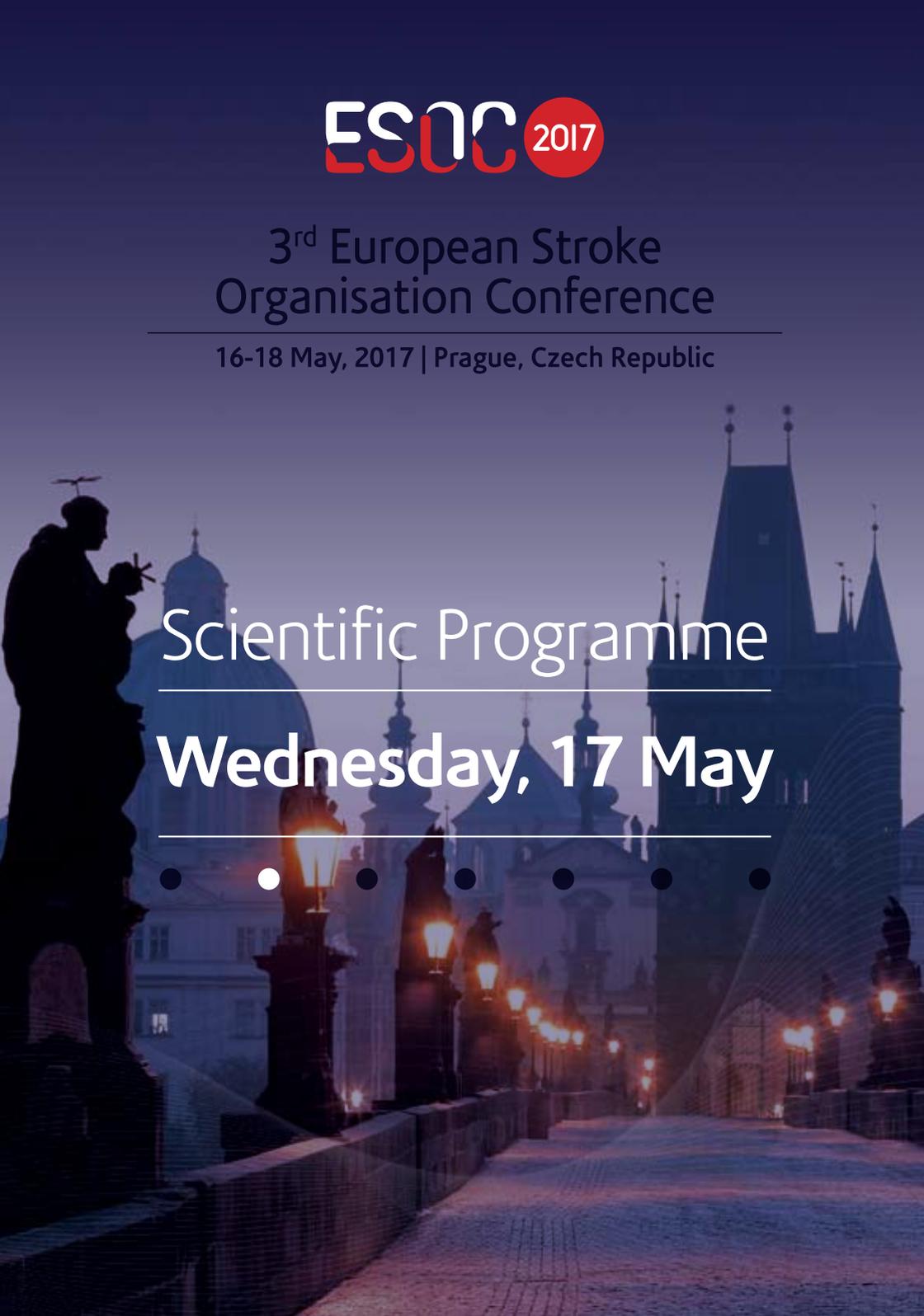
Networking Event:

Welcome Reception & Poster Walks (18:15 - 19:15)



3rd European Stroke Organisation Conference

16-18 May, 2017 | Prague, Czech Republic

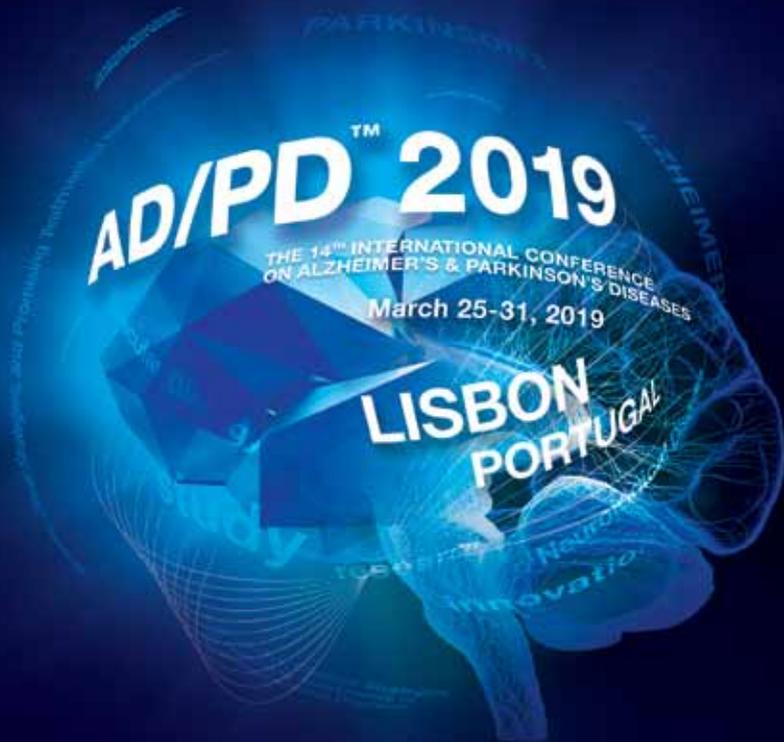
A background image of a Prague street at dusk. The street is paved with cobblestones and lined with ornate street lamps that are glowing. In the background, there are silhouettes of historic buildings, including a large dome and a tall spire. On the left, there is a silhouette of a statue of a man holding a child.

Scientific Programme

Wednesday, 17 May



See You There!



Mechanisms, Clinical Strategies,
and Promising Treatments of
Neurodegenerative Diseases

AD/PD™ 2019

The 14th International Conference on
Alzheimer's & Parkinson's Diseases

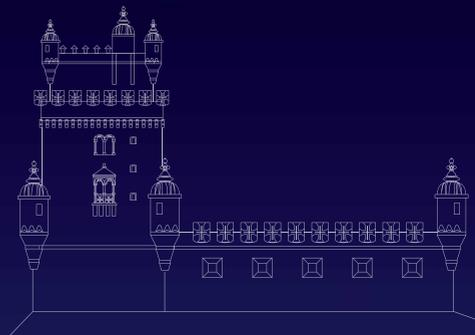
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ORGANIZING COMMITTEE

Abraham Fisher, Israel, President

Roger M. Nitsch, Switzerland, Executive Organizer

Manfred Windisch, Austria, Executive Organizer



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Wednesday, 17 May, 2017

8:30 - 10:00

Congress Hall

Future Directions on Thrombolysis

Convenors: H. Audebert (Germany)
D. Jatuzis (Lithuania)

8:30 THE RIGHT DOSE FOR THROMBOLYSIS

C.S. Anderson (Australia)

8:45 THE COMBINED APPROACH TO THROMBOLYSIS

J. Grotta (USA)

9:00 ON-LABEL VERSUS OFF-LABEL OUTCOMES WITH INTRAVENOUS ALTEPLASE

K.R. Lees (United Kingdom)

9:15 THROMBOLYSIS LATER THAN 4.5 H AND IN WAKE-UP STROKES

G. Thomalla (Germany)

9:30 ULTRA-EARLY THROMBOLYSIS

K. Fassbender (Germany)

9:45 DISCUSSION

8:30 - 10:00

Forum Hall

Scientific Communication: Neurointervention - After the Trials

Chairs: A. Dávalos (Spain)

A. Demchuk (Canada)

- 8:30 INTRACRANIAL ATHEROSCLEROTIC OCCLUSION ON ENDOVASCULAR REVASCULARIZATION THERAPY: ANALYSIS OF ACUTE STROKE DUE TO INTRACRANIAL ATHEROSCLEROTIC OCCLUSION AND NEUROINTERVENTION – KOREAN RETROSPECTIVE REGISTRY**
Y.H. Hwang, Y.W. Kim, D.H. Kang, Y.S. Kim, J.H. Hong, C.H. Kim, H.W. Chang, J.M. Hong, S.J. Lee, J.W. Choi, A. Demchuk, B. Ovbiagele, S.I. Sohn, J.S. Lee (Republic of Korea)
- 8:40 ACUTE ENDOVASCULAR TREATMENT OF CAROTID TANDEM LESIONS: STENTING OR NOT STENTING, THE NEVER ENDING STORY**
C. Fernandez, E. Gonzalez, A. Gil, J.J. Fondevila, L. Ion, A. Luna, I. Ugarriza, T. Perez, A. Pinedo, M. Freijo (Spain)
- 8:50 OUT OF BOUNDS: ENDOVASCULAR TREATMENT OF STROKE BEYOND GUIDELINES IN A SINGLE CENTER EXPERIENCE**
C. Perry, I. Fragata, C. Pinheiro, J. Pamplona, P. Ferreira, J. Reis, A. Paiva Nunes (Portugal)
- 9:00 MECHANICAL THROMBECTOMY FOR STROKE IN THE ELDERLY**
C.I. Gómez-Escalonilla, **L. Silva**, J. Carneado, J. Díaz Guzman, M. Moreu, S. Rosati, A. Vega Astudillo, J. Campollo, P. Simal, J. Egido (Spain)
- 9:10 CLINICAL ANALYSIS COMPARING EFFICACY BETWEEN A DISTAL FILTER PROTECTION DEVICE AND PROXIMAL BALLOON OCCLUSION DEVICE DURING CAROTID ARTERY STENTING**
S.Y. Chung, M.S. Park (Republic of Korea)
- 9:20 RISK FACTORS FOR SYMPTOMATIC INTRACRANIAL HEMORRHAGE AFTER ENDOVASCULAR THERAPY IN ACUTE STROKE WITH LARGE VESSEL OCCLUSION IN THE ANTERIOR CIRCULATION**
J. Meyne, L. Koch, F. Wodarg, J. Hensler, A. Binder, O. Jansen (Germany)
- 9:30 NATIONAL RESULTS OF ENDOVASCULAR TREATMENT OF ACUTE ISCHEMIC STROKE 2011-2015, DENMARK**
T. Truelsen, K. Hansen, G. Andersen, L. Sørensen, C. Madsen, A. Diaz, T. Stavngaard, H. Hundborg, J. Højgaard, N. Hjort, H. Iversen, S. Johnsen, C. Simonsen (Denmark)
- 9:40 OUTCOMES FROM MECHANICAL THROMBECTOMY IN THE UNITED KINGDOM: COMPARISON OF SAFE IMPLEMENTATION OF THROMBOLYSIS IN STROKE-THROMBECTOMY REGISTRY (SITS-TBY) WITH HERMES META-ANALYSIS ENDOVASCULAR TRIALS DATA**
J.S. Balami, P. McMeekin, P.M. White, C. Roffe, J. Chembala, A. Clifton, E. Littleton, R. Veltkamp, A. Dixit, D. Flynn, K. Halvorsrud, C. Price, K.R. Lees, G.A. Ford (United Kingdom)

**9:50 OUTCOME AND SAFETY OF ENDOVASCULAR TREATMENT IN DENMARK 2011-2015
APPLYING KEY INCLUSION CRITERIA FROM THE MR-CLEAN STUDY**

T. Truelsen, K. Hansen, G. Andersen, L. Sørensen, C. Madsen, A. Diaz, T. Stavngaard,
H. Hundborg, J. Højgaard, N. Hjort, H. Iversen, S. Johnsen, C. Simonsen (Denmark)

8:30 - 10:00

South Hall

Stroke in the Young

Convenors: M. Steinlin (Switzerland)

J. Putaala (Finland)

8:30 DIAGNOSTIC AND THERAPEUTIC DECISION-MAKING IN YOUNG STROKE

A. Fromm (Norway)

8:45 LONG-TERM OUTCOMES OF STROKE IN YOUNG ADULTS

L. Rutten-Jacobs (United Kingdom)

9:00 UPDATE ON CEREBRAL VENOUS THROMBOSIS

D.d.A.D. de Sousa (Portugal)

**9:15 FEATURES AND MANAGERMENTS OF REVERSIBLE CEREBRAL VASOCONSTRICTION
SYNDROME**

A. Singhal (USA)

9:30 CURRENT DEVELOPMENTS IN PEDIATRIC STROKE CARE

F. Heinen (Germany)

9:45 DISCUSSION

8:30 - 10:00

Meeting Hall I

Imaging - Ischaemic Stroke, ICH Carotid (ESNR-ESO)

Convenors: O. Jansen (Germany)

H. Poppert (Germany)

8:30 **WILL FUTURE STROKE PATIENTS BE BROUGHT TO THE NEUROINTERVENTIONAL SUITE FOR IMAGING?**

T. Struffert (Germany)

8:45 **DO WE NEED NEUROVASCULAR ULTRASOUND IN PATIENTS WITH ACUTE ISCHAEMIC STROKE? YES!**

N. Bornstein (Israel)

9:00 **DO WE NEED NEUROVASCULAR ULTRASOUND IN PATIENTS WITH ACUTE ISCHAEMIC STROKE? NO!**

P. Schellinger (Germany)

9:15 **IMPACT OF MICROBLEEDS ON THE BRAIN**

T. Yousri (United Kingdom)

9:30 **IMAGING TO IDENTIFY STROKE MIMICS AND CHAMELEONS**

R. Wiest (Switzerland)

9:45 **DISCUSSION**

8:30 - 10:00

Panorama Hall

Scientific Communication: ICH - Acute Intervention

Chairs: D. Strbian (Finland)

G. Rinkel (The Netherlands)

- 8:30 EFFICIENCY OF INTRAVENTRICULAR HEMORRHAGE REMOVAL IN THE CLOT LYSIS: EVALUATION OF ACCELERATED RESOLUTION OF INTRAVENTRICULAR HEMORRHAGE TRIAL (CLEAR III)**
W. Ziai, N. McBee, R. Thompson, G. Yenokyan, J. Betz, R. Dlugash, K. Lane, I. Awad, D. Hanley (USA)
- 8:40 INTRAVENTRICULAR HEMORRHAGE: WHO DIES AND WHY: MORTALITY REVIEW FOR THE CLOT LYSIS: EVALUATION OF ACCELERATED RESOLUTION OF INTRAVENTRICULAR HEMORRHAGE TRIAL (CLEAR III)**
W. Ziai, N. McBee, J. Jallo, C. Aldrich, K. Lane, R. Dlugash, I. Awad, D. Hanley (USA)
- 8:50 OUTCOME ANALYSIS FOR ANTIHYPERTENSIVE TREATMENT FOR ACUTE CEREBRAL HEMORRHAGE (ATACH) II TRIAL USING REPEATED SYSTOLIC BLOOD PRESSURE MEASURES**
Y. Palesch, V. Ramakrishnan, L. Foster, R. Martin, W. Barsan, C. Moy, A. Qureshi (USA)
- 9:00 PREDICTORS OF NEUROLOGICAL DETERIORATION IN INTRACEREBRAL HAEMORRHAGE: RESULTS OF INTERIM DATA FROM THE TICH-2 TRIAL**
Z. Kang Law, K. Flaherty, P. Scutt, J.P. Appleton, P.M. Bath, N. Sprigg (United Kingdom)
- 9:10 INTENSIVE BLOOD PRESSURE LOWERING DOES NOT INCREASE RISK OF DIFFUSION WEIGHTED IMAGING HYPERINTENSE LESIONS IN INTRACEREBRAL HEMORRHAGE**
A. Shoamanesh, A. Morotti, J.M. Romero, J. Oliveira-Filho, F. Schlunk, M. Jessel, A. Ayres, A. Vashkevich, K. Schwab, K. Butcher, L. Gioia, M.R. Afzal, C. Cassarly, R.H. Martin, A.I. Qureshi, S.M. Greenberg, J. Rosand, J.N. Goldstein (Canada)
- 9:20 WHITE MATTER LESIONS INFLUENCE ON INTRACEREBRAL HEMORRHAGE EXPANSION AND FUNCTIONAL OUTCOME: A SECONDARY ANALYSIS OF MISTIE-II AND CLEAR-III**
B.M. Hansen, N. Ullman, J. Muschelli, B. Norrving, R. Dlugash, I. Awad, M. Zuccarello, W.C. Ziai, D.F. Hanley, R.E. Thompson, A. Lindgren (Sweden)
- 9:30 VERY EARLY HEMATOMA EXPANSION LIMITS EFFICACY OF HEMOSTATIC THERAPY IN THE SPOTLIGHT RANDOMIZED CONTROLLED TRIAL**
F.S. Al-Ajlan, D.J. Gladstone, D. Song, K.E. Thorpe, R.H. Swartz, K. Butcher, M. Del Campo, D. Dowlatshahi, H. Gensicke, G.J. Lee, M.L. Flaherty, M.D. Hill, R.I. Aviv, A.M. Demchuk (Canada)
- 9:40 TARGETING EXPANSION IN INTRACEREBRAL HEMORRHAGE: INTENSIVE BLOOD PRESSURE REDUCTION AND NON-CONTRAST CT MARKERS**
A. Morotti, G. Boulouis, J. Romero, B. Brouwers, M. Jessel, A. Vashkevich, K. Schwab, M.R. Afzal, C. Cassarly, S. Greenberg, R. Hebert Martin, A. Qureshi, J. Rosand, J. Goldstein (USA)
- 9:50 AGGRESSIVE BLOOD PRESSURE REDUCTION IN ACUTE INTRACEREBRAL HEMORRHAGE INCREASES ACUTE CEREBRAL ISCHEMIA WITH CLINICAL DETERIORATION**
K. Uchino, A.B. Buletko, T. Thacker, J. Mathew, J. Frontera (USA)

8:30 - 10:00

Meeting Hall IV

Allied Health Care: Very Early or Early Mobilisation After Stroke

Convenors: J. Opara (Poland)

K. Diserens (Switzerland)

8:30 EARLY OR VERY EARLY MOBILIZATION AFTER STROKE?

L. Akhmadeeva (Russia)

8:45 DOES EARLY MOBILIZATION AFTER STROKE REDUCE SEVERITY?

K. Diserens (Switzerland)

9:00 EARLY MOBILIZATION AFTER STROKE - IS IT SAFE IN OLDER PATIENTS

M. Pinter (Austria)

9:15 IMPROVING THE TRANSLATION PIPELINE FOR EARLY REHABILITATION

A. Clarkson (New Zealand)

9:30 MEASURING THE OUTCOME OF EARLY MOBILIZATION

J. Opara (Poland)

9:45 DISCUSSION

8:30 - 10:00

Meeting Hall V

Scientific Communication: Experimental & Translational

Chairs: A. Liesz (Germany)

M. Endres (Germany)

- 8:30 NEUTROPHIL EXTRACELLULAR TRAPS IN THROMBI FROM PATIENTS WITH ACUTE ISCHEMIC STROKE**
E. Laridan, F. Denorme, L. Desender, O. François, T. Andersson, H. Deckmyn, K. Vanhoorelbeke, S.F. De Meyer (Belgium)
- 8:40 THROMBUS NEUTROPHIL EXTRACELLULAR TRAPS BURDEN IN THROMBI RETRIEVED DURING ENDOVASCULAR THERAPY ARE RESPONSIBLE FOR T-PA INDUCED THROMBOLYSIS RESISTANCE.**
C. Ducroux, J.P. Desilles, S. Loyau, V. Ollivier, W. Boisseau, R. Blanc, H. Redjem, G. Ciccio, S. Smajda, R. Fahed, J.B. Michel, M. Piotin, B. Ho-Tin-Noe, M. Mazighi (France)
- 8:50 LYMPHOCYTES PREVENT HEMORRHAGIC TRANSFORMATION IN SEVERE ISCHEMIC STROKE**
 A. Salas-Perdomo, F. Miró-Mur, **X. Urra**, C. Justicia, Y. Zhao, V. Brait, S. Rudilosso, A. Chamorro, A.M. Planas (Spain)
- 9:00 HEADS AND TAILS OF NATRIURETIC PEPTIDES: NEUROPROTECTIVE ROLE OF BRAIN NATRIURETIC**
 R. Iglesias-Rey, I. López-Dequidt, I. López-Loureiro, A. Vieites Prado, T. Sobrino, M. Rodríguez-Yáñez, **F. Campos**, J. Castillo (Spain)
- 9:10 REDUCED PLASMA LEVELS OF NEURAL CELL ADHESION MOLECULE ARE ASSOCIATED WITH EARLY SEIZURES IN STROKE PATIENTS**
A. Bustamante, T. García-Berrocoso, E. López-Cancio, P. Cardona, N. Giannini, M. Millán, M. Garces, D. Cánovas, L. Abraira, E. Santamarina, X. Ustrell, E. Baldrich, M. Rubiera, J. Alvarez-Sabín, J. Serena, A. Dávalos, J. Montaner (Spain)
- 9:20 IMAGING-GUIDED ADVANCES IN A MOUSE MODEL OF RADIOLOGICALLY SILENT TRANSIENT ISCHAEMIC ATTACK: ULTRA-SENSITIVE MOLECULAR MRI AND CONTRAST-ENHANCED MRI DISCLOSE ENDOTHELIAL DYSFUNCTIONS AND ALTERED FLUID DRAINAGE**
C. Ali, A. Quenault, M. Gauberti, S. Martinez de Lizarrondo, O. Etard, C. Orset, H. Segal, P. Rothwell, E. Touzé, D. Vivien (France)
- 9:30 MATRIX METALLOPROTEINASES AND THEIR TISSUE INHIBITORS ARE ALTERED IN CERVICOCEREBRAL ARTERY DISSECTION – RESULTS OF A PROSPECTIVE MULTICENTER STUDY ON INFLAMMATORY BIOMARKERS**
B. Goeggel Simonetti, D. Grandgirard, S. Jung, S. Franziska, U. Fischer, L. Bonati, H. Sarikaya, G.M. De Marchis, P. Lyrer, J. Gralla, C. Traenka, A. Pellaton, R. Sztajzel, S. Engelter, S. Leib, M. Arnold (Switzerland)

9:40 NEURONAL PROTHROMBIN MEDIATES ASTROCYTE ACTIVATED EARLY PROTECTIVE RESPONSE VIA PROTEASE-ACTIVATED RECEPTORS (PAR-1) IN ISCHEMIA

P.S. Rajput, J. Lamb, S. Kothari, P. Lyden (USA)

9:50 NOVEL THERANOSTIC PROTOCELLS FOR INTRACEREBRAL HEMORRHAGE

H.G. Jeong, B.G. Cha, D.W. Kang, M.J. Nam, C.K. Kim, D.Y. Kim, S.K. Ki, J. Kim, S.H. Lee (Republic of Korea)

8:30 - 10:00



Club A

Workshop/Teaching Course: Prehospital Stroke Care

Convenors: G. Andersen (Denmark)

T. Sairanen (Finland)

8:30 WHICH ACUTE STROKE CARE NETWORK FOR MY REGION?

M.L. Gallofre (Spain)

8:50 HOW TO ORGANIZE A TELESTROKE NETWORK?

T. Sairanen (Finland)

9:10 PREHOSPITAL IDENTIFICATION OF THROMBOLYSIS AND THROMBECTOMY CANDIDATES

G. Turc (France)

9:30 10 steps to decrease my door-to-revascularisation time

P. Ylikotila (Finland)

9:50 DISCUSSION

8:30 - 10:00



Club E

Workshop/Teaching Course: Interventions for Stroke Prevention

Convenors: M. Mazighi (France)
L. Bonati (Switzerland)

- 8:30 **ATRIAL FIBRILLATION: NON-PHARMACOLOGICAL STROKE PREVENTION**
A. Tomek (Czech Republic)
- 8:50 **WHETHER AND HOW TO CLOSE A PFO**
R. Perry (United Kingdom)
- 9:10 **CAROTID INTERVENTIONS UPDATE**
L. Bonati (Switzerland)
- 9:30 **VERTEBRAL AND INTRACRANIAL STENOSIS: (WHEN) SHOULD WE INTERVENE?**
M. Mazighi (France)
- 9:50 **DISCUSSION**

10:00 - 10:30

Exhibition Area

Coffee Break, Exhibition, Poster Viewing

10:30 - 12:00

Controversies

Convenors: S. Davis (Australia)
U. Fischer (Switzerland)

- 10:30 TREATMENT OF ELDERLY PATIENTS WITH SEVERELY DISABLING STROKE: EARLY TREATMENT RESTRICTIONS ARE REASONABLE - YES**
M. Geurts (The Netherlands)
- 10:45 TREATMENT OF ELDERLY PATIENTS WITH SEVERELY DISABLING STROKE: EARLY TREATMENT RESTRICTIONS ARE REASONABLE - NO**
T. Tatlisumak (Sweden)
- 11:00 ENDOVASCULAR TREATMENT: NEUROINTERVENTIONS SHOULD BE PERFORMED BY NEURORADIOLOGISTS**
I. Szikora (Hungary)
- 11:15 ENDOVASCULAR TREATMENT: NEUROINTERVENTIONS NEUROLOGISTS COULD TAKE ON THE TASK!**
A. Kobayashi (Poland)
- 11:30 TEE AND LONG-TERM MONITORING IN ISCHEMIC STROKE OF UNDETERMINED ETHIOLOGY - DO NOT WASTE DIAGNOSTIC RESSOURCES - JUST START NOACS**
U. Schulz (United Kingdom)
- 11:45 TEE AND LONG-TERM MONITORING IN ISCHEMIC STROKE OF UNDETERMINED ETHIOLOGY - ETHIOLOGY MATTERS - THOROUGH INVESTIGATIONS ARE NEEDED**
C. Weimar (Germany)

10:30 - 12:00

Forum Hall

Global Perspective of Stroke (WSO - ESO)

Convenors: W. Hacke (Germany)
J. Barrick (United Kingdom)

- 10:30 **STROKE AND POVERTY**
B. Norrving (Sweden)
- 10:48 **LESSONS FROM INTERSTROKE**
M. O'Donnell (Ireland)
- 11:06 **THE STROKE ROAD MAP**
P. Lindsay (Canada)
- 11:24 **THE CHALLENGES OF STROKE PREVENTION & MANAGEMENT IN AFRICA**
A. Bryer (South Africa)
- 11:42 **AIR POLLUTION AND RISK OF STROKE**
V. Feigin (New Zealand)
-

10:30 - 12:00

South Hall

Stroke Genetics & Omics

Convenors: S. Debette (France)
M. Traylor (United Kingdom)

- 10:30 **BIOMARKERS FOR STROKE: READY FOR THE CLINIC?**
J. Montaner (Spain)
- 10:50 **GENETICS OF INTRACEREBRAL HEMORRHAGE**
J. Rosand (USA)
- 11:10 **MAKING SENSE OF GWAS: FROM GENE DISCOVERY TO MECHANISM**
M. Rainer (Germany)
- 11:30 **GENETICS OF OUTCOME AFTER STROKE**
A. Lindgren (Sweden)
- 11:50 **DISCUSSION**

10:30 - 12:00

Meeting Hall I

Scientific Communication: Pathophysiological Markers

Chairs: K. Klijn (The Netherlands)

Á. Chamorro (Spain)

- 10:30 PLAQUE INFLAMMATION IMAGING IS USEFUL IN PREDICTING RECURRENT CEREBRAL ISCHEMIA IN CAROTID STENOSIS**
V. Sharma, P. Paliwal, B.P. Chan, H.L. Teoh, E.Y. Ting, A. Sinha (Singapore)
- 10:40 INTERNAL CAROTID ARTERY DISSECTION IS ASSOCIATED WITH LONGER STYLOID PROCESS AND SHORTER STYLOID PROCESS – INTERNAL CAROTID ARTERY DISTANCE**
J.M. Amorim, D. Pereira, M. Rodrigues, J. Coelho, M. Lopes, A. Cunha, S. Figueiredo, M. Pinto, C. Ferreira, J. Sargento-Freitas, S. Castro, J. Pinho (Portugal)
- 10:50 JUXTALUMINAL ECHODENSITY AS AN INDEX OF CAROTID PLAQUE BEHAVIOUR.**
T. Tegos, G. Stefanou, C. Xerras, K. Notas, A. Papadimitriou, A. Orologas (Greece)
- 11:00 INCREASED PLATELET ACTIVATION IN MICRO-EMBOLI NEGATIVE RECENTLY SYMPTOMATIC VERSUS ASYMPTOMATIC CAROTID STENOSIS: RESULTS FROM THE HAEMOSTASIS IN CAROTID STENOSIS (HEIST) STUDY**
S. Murphy, S.T. Lim, J. Kinsella, C. Coughlan, S. Tierney, B. Egan, M. Feeley, S. Murphy, R. Walsh, R. Collins, T. Coughlan, D. O'Neill, J. Harbison, P. Madhavan, S. O'Neill, M.P. Colgan, D. Cox, N. Moran, G. Hamilton, D. McCabe (Ireland)
- 11:10 PARIETAL OPERCULUM AND MOTOR CORTEX ACTIVITIES PREDICT MOTOR RECOVERY IN MODERATE TO SEVERE STROKE (ON BEHALF OF ISIS-HERMES STUDY GROUP).**
F.F. Hannanu, O. Detante, M. Hommel, O. Heck, A. Krainik, A. Thuriot, F. Renard, L. Lamalle, T. Zeffiro, A. Jaillard (France)
- 11:20 IMPAIRMENT OF CEREBROVASCULAR REACTIVITY IS ASSOCIATED WITH INCREASED WHITE MATTER HYPERINTENSITY AND PERIVASCULAR SPACE BURDENS IN PATIENTS WITH ISCHAEMIC STROKE PRESENTATIONS OF SMALL VESSEL DISEASE.**
G. Blair, Y. Shi, M. Thrippleton, I. Hamilton, D. Dickie, F. Doubal, I. Marshall, J. Wardlaw (United Kingdom)
- 11:30 NEUROFILAMENT LIGHT CHAIN AS A SERUM MARKER FOR CEREBRAL SMALL VESSEL DISEASE**
M. Konieczny (Germany)
- 11:40 NON-TARGETED SERUM METABOLOMICS AFTER HUMAN ISCHEMIC STROKE IDENTIFIES ACUTELY ELEVATED 2-AMINOBUTYRIC ACID AND PREGNENOLONE SULFATE**
S. Tiedt, S. Brandmaier, I. Stoycheva, V. Kautzky, R. Wang-Sattler, C. Gieger, M. Dichgans (Germany)
- 11:50 METABOLOMIC PROFILING IN CADASIL**
F. Moreton, N. Rankin, G. Blackburn, A. Welch, K. Burgess, K.W. Muir, C. Delles (United Kingdom)

10:30 - 12:00

Panorama Hall

Scientific Communication: Prevention - Targets

Chairs: L. Bonati (Switzerland)

D. Berezcki (Hungary)

- 10:30 SMOKING CESSATION IMPROVES OUTCOME AFTER ISCHEMIC STROKE OR TIA**
K. Epstein, C. Viscoli, J.D. Spence, A. Dixit, K. Furie, S. Inzucchi, M. Gorman, P. Guarino, W. Kernan (USA)
- 10:40 ARTERIAL STIFFNESS IS ASSOCIATED WITH BASAL GANGLIA ENLARGED PERIVASCULAR SPACES AND CEREBRAL SMALL VESSEL DISEASE LOAD**
Y. Riba Llana, J. Jiménez-Baladó, X. Castañé, A. Girona, A. López-Rueda, J. Alvarez-Sabin, J. Montaner, P. Delgado (Spain)
- 10:50 THE ASSOCIATION OF ADULT VACCINATION AND THE RISK OF ISCHEMIC STROKE: A SYSTEMATIC REVIEW AND META-ANALYSIS**
A. Katsanos, R. Zand, M. Fawad Ishfaq, M. Taimur Malik, A. Filippatou, S. Tsiodras, J. Parissis, G. Tsiougoulis (Greece)
- 11:00 ANTIPLATELET REGIMEN FOR PATIENTS WITH BREAKTHROUGH STROKES WHILE ON ASPIRIN: A SYSTEMATIC REVIEW AND META-ANALYSIS**
M. Lee, J. Saver, K.S. Hong, N. Rao, Y.L. Wu, B. Ovbiagele (Taiwan R.O.C.)
- 11:10 POPULATION-BASED STUDY OF PROGNOSTIC VALUE AND CONTROL OF NOCTURNAL BP AFTER TIA AND STROKE**
M.M. Kubiak, N. Lovett, A. Webb, R.M. Wharton, P.M. Rothwell (United Kingdom)
- 11:20 DIAGNOSTIC CRITERIA FOR TRANSIENT ISCHAEMIC ATTACKS (TIA) VERSUS LONG-TERM PROGNOSIS: A POPULATION-BASED STUDY**
M.A. Tuna, L. Li, S. Gutnikov, Z. Mehta, P. Rothwell (United Kingdom)
- 11:30 LOWER DEMENTIA RISK WITH DIFFERENT CLASSES OF ANTIHYPERTENSIVE MEDICATION IN OLDER PATIENTS**
T. Van Middelaar, L. Van Vught, E. Moll van Charante, L. Eurelings, S. Ligthart, J. Van Dalen, B.J. Van den Born, E. Richard, P. Van Gool (The Netherlands)
- 11:40 THE DIAGNOSIS OF UNCERTAIN ORIGIN BENIGN TRANSIENT EVENTS (DOUBT) STUDY**
S. Coutts, M. Hill, F. Moreau, M. Goyal, M.C. Camden, N. Asdaghi, T. Field, A. Penn, R. Swartz, J.M. Boulanger, B. Campbell, M. Krause, R. Mikulik, J. Mandzia (Canada)
- 11:50 AGE-SPECIFIC RISKS, SEVERITY, TIME-COURSE AND OUTCOME OF BLEEDING ON LONG-TERM ANTIPLATELET TREATMENT AFTER VASCULAR EVENTS: POPULATION-BASED STUDY**
L. Li, O.C. Geraghty, Z. Mehta, P.M. Rothwell, On behalf of the Oxford Vascular Study (United Kingdom)

10:30 - 12:00

Meeting Hall IV

Allied Health Care: Hyperacute Care of Stroke

Convenors: A. Alexandrov (USA)

C.L. Watkins (United Kingdom)

- 10:30 THROMBECTOMY FOR ACUTE ISCHEMIC STROKE: CLINICAL ROLE & PRACTICE IMPLICATION**
S. Coote (Australia)
- 10:45 EARLY NEUROLOGIC DETERIORATION AND CLINICAL FLUCTUATION IN ACUTE ISCHEMIC STROKE: IMPLICATIONS FOR MONITORING AND MANAGEMENT**
A. Alexandrov (USA)
- 11:00 HOW LOW SHOULD WE GO? CONSIDERATIONS FOR BLOOD PRESSURE MANAGEMENT IN SPONTANEOUS INTRACEREBRAL HEMORRHAGE**
S. Philip (United Kingdom)
- 11:15 DIAGNOSTIC AND TREATMENT PRIORITIES IN ACUTE ANEURYSMAL SUBARACHNOID HEMORRHAGE**
J.E. Jaaskelainen (Finland)
- 11:30 EARLY ENGAGEMENT OF FAMILY MEMBERS IN THE DELIVERY OF HIGH DEPENDENCY CARE: SUPPORTING CARE TRANSITIONS FOR PATIENTS WITH SEVERE STROKE**
A. Debarre (France)
- 11:45 Aneurysmal Subarachnoid Hemorrhage-An Acute Admission To Neurocritical Care. A Nurse's Perspective**
T. Salonen (Finland)

10:30 - 12:00

Meeting Hall IV

Scientific Communication: Thrombectomy in Practice

Chairs: T. Jovin (USA)

D. Dippel (The Netherlands)

- 10:30 VASCULAR AND CLINICAL OUTCOME IN ACUTE SYMPTOMATIC EXTRACRANIAL INTERNAL CAROTID ARTERY OCCLUSION**
S. Hause, A. Oldag, A. Breja, S. Schreiber, H.J. Heinze, Z. Halloul, M. Goertler (Germany)
- 10:40 TRANSFER-RELATED DELAY AND FUNCTIONAL OUTCOME AFTER INTRA-ARTERIAL TREATMENT; RESULTS FROM THE MR CLEAN REGISTRY**
E. Venema, V. Chalos, M. Mulder, B. Roozenbeek, H. Lingsma, D. Dippel (The Netherlands)
- 10:50 DRIP 'N SHIP VERSUS DIRECT TO THROMBECTOMY CENTRE: CONDITIONAL PROBABILITY MODELLING IN IRELAND**
J. Holodinsky, A. Patel, L. Jewett, J. Thornton, J. McCormack, P. Marsden, J. Harbison, M. Hill, D. Williams (Canada)
- 11:00 MORTALITY AND DISABILITY ACCORDING TO BASELINE BLOOD PRESSURE IN ACUTE ISCHEMIC STROKE PATIENTS ELIGIBLE FOR THROMBECTOMY : A COLLABORATIVE POOLED ANALYSIS**
B. Maier, M. Mazighi, R. Blanc, M. Piotin, J.P. Desilles, S. Smajda, H. Redjem, G. Ciccio, G. Taylor, B. Lapergue, J. Labreuche, B. Gory, A.C. Lukaszewicz, J. Blacher, F. Turjman, R. Riva, P.E. Labeyrie, A. Duhamel (France)
- 11:10 ONE STOP MANAGEMENT OF ACUTE STROKE PATIENTS: MINIMIZING DOOR TO REPERFUSION TIMES**
M. Psychogios, D. Behme, K. Schregel, I. Tsogkas, I.L. Maier, J.R. Leyhe, M. Baehr, M. Knauth, **J. Liman** (Germany)
- 11:20 THE IMPACT OF NATIONWIDE CENTRALLY ORGANIZED STROKE CARE SYSTEM ON RECANALIZATION RATES: CZECH REPUBLIC EXPERIENCE**
A. Tomek, M. Bar, R. Herzig, R. Mikulík, J. Neumann, D. Saňák, O. Skoda, D. Skoloudík, D. Václavík (Czech Republic)
- 11:30 ESO ESMINT EAN SAFE SURVEY ON ACUTE ENDOVASCULAR STROKE CARE IN EUROPE**
D. Aguiar de Sousa, S. Abilleira, T. Gattringer, R. Von Martial, A. Kobayashi, V. Caso, M. Gallofré, F. Fazekas, I. Szikora, **U. Fischer** (Switzerland)
- 11:40 TIME TO TREATMENT AND FUNCTIONAL OUTCOME AFTER INTRA-ARTERIAL TREATMENT IN CLINICAL PRACTICE - RESULTS FROM THE MR CLEAN REGISTRY**
M. Mulder, I. Jansen, R.J. Goldhoorn, V. Chalos, E. Venema, B. Emmer, A. Van Es, W. Van Zwam, Y. Roos, J. Boiten, J.A. Vos, R. Van Oostenbrugge, C. Majoie, A. Lugt, B. Roozenbeek, H. Lingsma, D. Dippel (The Netherlands)

11:50 SAFETY AND FUNCTIONAL OUTCOME AFTER INTRA-ARTERIAL TREATMENT FOR ACUTE ISCHEMIC STROKE WITHOUT PRIOR INTRAVENOUS THROMBOLYSIS IN CLINICAL PRACTICE: RESULTS FROM THE MR CLEAN REGISTRY

V. Chalos, B. Roozenbeek, M.J.H.L. Mulder, E. Venema, K.M. Treurniet, J.M. Coutinho, Y.B.W.E.M. Roos, C.B.L.M. Majoie, H.F. Lingsma, D.W.J. Dippel (The Netherlands)

10:30 - 12:00



Club A

Workshop/Teaching Course: Work-up of Stroke

Convenors: J. Ferrari (Austria)
M. Pasquini (France)

10:30 ICH: BASIC AND ADVANCED WORK-UP

M. Pasquini (France)

10:50 PROLONGED ECG FOR AF DETECTION: WHO? HOW?

J. Ferrari (Austria)

11:10 WORK-UP OF PEDIATRIC STROKE

M. Steinlin (Switzerland)

11:30 CLINICAL PREGENETIC SCREENING FOR STROKE MONOGENIC DISEASES

A. Bersano (Italy)

11:50 DISCUSSION

10:30 - 12:00



Club E

Workshop/Teaching Course: Neuroimaging of Stroke

Convenors: V. Puetz (Germany)
M. Bar (Czech Republic)

- 10:30** RECOGNIZE VASCULAR PATHOLOGY ON ACUTE CTA AND MRA
V. Puetz (Germany)
- 10:50** RADIOLOGICAL CONTRAINDICATIONS FOR THROMBOLYSIS
M. Bar (Czech Republic)
- 11:10** ACUTE IMAGING OF INTRACEREBRAL HAEMORRHAGE (CT, MRI)
D. Dowlatshahi (Canada)
- 11:30** FOLLOW-UP IMAGING AFTER ISCHEMIC STROKE: WHY AND WHEN
I. Klein (France)
- 11:50** DISCUSSION

12:00 - 12:45

Exhibition Area

Lunch Break, Exhibition, Poster Viewing

12:45 - 14:15

Forum Hall

Industry Supported Session

Not included in main CME/CPD Event. For details see page 304

12:45 - 14:15

Meeting Hall V

Industry Supported Session

Not included in main CME/CPD Event. For details see page 305

12:45 - 14:15

Meeting Hall I

Industry Supported Session

Not included in main CME/CPD Event. For details see page 306

12:45 - 14:15

Panorama Hall

Industry Supported Session

Not included in main CME/CPD Event. For details see page 307

12:45 - 14:15

Meeting Hall IV

Industry Supported Session

Not included in main CME/CPD Event. For details see page 308

14:15 - 14:30

Short Break

14:30 - 16:00

Congress Hall

Stroke Prevention & Epidemiology

Convenors: C. Molina (Spain)

P. Sandercock (United Kingdom)

14:30 **SECONDARY PREVENTION IN VERY ELDERLY AND IN DEPENDENT PATIENTS**

P. Rothwell (United Kingdom)

14:50 **ANTI-PLATELET DRUGS: WHY DO WE STILL USE ASPIRIN?**

A. Algra (The Netherlands)

15:10 **CHOLESTEROL: HOW LOW SHOULD WE GO, AND HOW?**

G. Ntaios (Greece)

15:30 **CARDIOVASCULAR DISEASE PREVENTION IN PATIENTS WITH CAA**

A. Charidimou (USA)

15:50 **DISCUSSION**

14:30 - 16:00

Forum Hall

Cerebral Small Vessel Disease

Convenors: M. Düring (Germany)
F. de Leeuw (The Netherlands)

14:30 STATE OF THE ART: RECOMMENDATIONS FOR IMAGING SVD IN CLINICAL PRACTICE

E. Jouvent (France)

14:45 THE EMERGING ROLE OF BLOOD-BRAIN-BARRIER DYSFUNCTION

TBA

15:00 NETWORK DYSFUNCTION IN SVD

A. Lawrence (United Kingdom)

15:15 MODELLING MICROINFARCTS IN MICE

A. Shih (USA)

15:30 TREATING PATIENTS WITH SVD: WHAT WE KNOW, WHAT WE DON'T KNOW, HOW I DO IT

H. Markus (United Kingdom)

15:45 DISCUSSION

14:30 - 16:00

South Hall

Geographic Difference in Stroke Care (ESO - Chinese Stroke Association)

Convenors: J. Wardlaw (United Kingdom)

L. Liu (China)

14:30 INTRODUCTION TO THE STROKE RESEARCH NETWORK IN CHINA-CNSR

Y. Wang (China)

14:45 STROKE AUDIT AND RESEARCH NETWORKS IN THE UK

B. Bray (United Kingdom)

15:00 USE OF GENETIC INFORMATION TO INDIVIDUALIZE STROKE MANAGEMENT

Y. Wang (China)

15:15 APPROACHES TO TREATMENT OF ICAS IN CHINA

T.W. Leung (Hong Kong S.A.R.)

15:30 ICAS IN EUROPE, DOES IT REALLY DIFFER FROM CHINA

P. Amarenco (France)

15:45 DISCUSSION

14:30 - 16:00

Meeting Hall I

Diabetes & Insulin Resistance

Convenors: G. Ford (United Kingdom)

L. Pantoni (Italy)

14:30 OBESITY, INSULIN RESISTANCE, AND STROKE RISK

W. Kernan (USA)

14:50 PRACTICAL IMPLICATIONS OF THE INSULIN RESISTANCE INTERVENTION AFTER STROKE (IRIS) TRIAL

A. Carolei (Italy)

15:10 HYPERGLYCAEMIA IN ACUTE STROKE

B. Fuentes (Spain)

15:30 TREATMENT OF DYSMETABOLIC STATES FOR STROKE PREVENTION - FUTURE PERSPECTIVE

P. Bath (United Kingdom)

15:50 DISCUSSION

14:30 - 16:00

Scientific Communication: Acute stroke - Beyond Reperfusion

Chairs: P. Ringleb (Germany)

D.T. Exuperio (Spain)

14:30 EFFECT OF INTENSIVE VERSUS GUIDELINE ANTIPLATELET THERAPY IN MAJOR ISCHAEMIC STROKE: DATA FROM THE TRIPLE ANTIPLATELETS FOR REDUCING DEPENDENCY IN ISCHAEMIC STROKE (TARDIS) TRIAL

P.M. Bath, L.J. Woodhouse, K. Flaherty, D. Havard, T.J. England, N. Sprigg (United Kingdom)

14:40 DIAGNOSTIC VALUE OF NEW SEMIQUANTITATIVE IMAGING MARKERS OF CEREBRAL VENOUS THROMBOSIS: A MULTICENTER STUDY

V. Thijs, S. Zuurbier, C. Garcia-Esperon, M. Barboza, P. Costa, I. Escudero Martinez, D. Renard, N. Hinteregger, E. Giralt-Steinhauer, S. Hiltunen, A. Arauz, J. Jiménez Conde, F. Fazekas, C. Weimar, A. Pezzini, J. Montaner, J. Putaala, T. Gattringer, T. Tatlisumak, J. Coutinho (Australia)

14:50 ANTIBIOTIC PROPHYLAXIS IN ACUTE ISCHEMIC AND HEMORRHAGIC STROKE PATIENTS: A SYSTEMATIC REVIEW AND META-ANALYSIS

C. Zerna, E. Rennert-May, L. Bresee (Canada)

15:00 SPECIFIC POINT-OF-CARE TESTING OF COAGULATION IN PATIENTS TREATED WITH NON-VITAMIN K ANTAGONIST ORAL ANTICOAGULANTS PART I (SPOCT-NOAC I)

F. Härtig, I. Birschmann, A. Peter, C. Weyland, M. Ebner, J. Kuhn, T. Peveto, J. Spencer, D. Pearman, C.S. Zuern, U. Ziemann, S. Poli (Germany)

15:10 IMPACT OF CLINICAL TRIAL PARTICIPATION ON 'DOOR-TO-NEEDLE' TIME PERFORMANCE: THE ENCHANTED TRIAL

J. Yang, X. Wang, Y. Zhang, J. Hang, T. Robinson, R. Lindley, C. Anderson, J. Chalmers (China)

15:20 HYPOTHERMIA IN ADDITION TO DECOMPRESSIVE HEMICRANIECTOMY AFTER MALIGNANT INFARCTION

H. Neugebauer, H. Schneider, J. Bösel, C. Hobohm, S. Poli, R. Kollmar, J. Sobesky, S. Wolf, M. Bauer, S. Tittel, J. Beyersmann, P. Heuschmann, E. Jüttler (Germany)

15:30 12 month outcomes from A Very Early Rehabilitation Trial (AVERT)

P. Langhorne, R. Lindley, A. Thrift, F. Ellery, J. Collier, L. Churilov, M. Moodie, H. Dewey, G. Donnan, J. Bernhardt, & The AVERT Trial Collaboration Group (United Kingdom)

15:40 INTENSIVE VERSUS GUIDELINE ANTIPLATELET THERAPY IN PATIENTS WITH MINOR ISCHAEMIC STROKE: DATA FROM THE TRIPLE ANTIPLATELETS FOR REDUCING DEPENDENCY IN ISCHAEMIC STROKE (TARDIS) TRIAL

L.J. Woodhouse, K. Flaherty, D. Havard, T.J. England, N. Sprigg, P.M. Bath (United Kingdom)

15:50 A RANDOMISED, PLACEBO-CONTROLLED PHASE 2 TRIAL OF SUBCUTANEOUS INTERLEUKIN-1 RECEPTOR ANTAGONIST IN ACUTE ISCHAEMIC STROKE (SCIL-STROKE)

C. Smith, S. Hulme, A. Vail, A. Parry-Jones, S. Allan, N. Rothwell, S. Hopkins, P. Tyrrell (United Kingdom)

14:30 - 16:00

Meeting Hall IV

Scientific Communication: Women and Stroke

Chairs: A.V. Alexandrov (USA)

S. Sacco (Italy)

- 14:30 TRAJECTORIES OF DEPRESSION SYMPTOMS LONG TERM AFTER STROKE IN MEN AND WOMEN: THE SOUTH LONDON STROKE REGISTER**
S. Ayis, A. Rudd, L. Ayerbe, C. Wolfe (United Kingdom)
- 14:40 TEMPORAL TRENDS IN STROKE MORTALITY RATES FROM 1987 TO 2012 ACCORDING TO SEX. THE DIJON STROKE REGISTRY**
 M. Giroud, B. Delpont, C. Blanc, C. Chazalon, M. Hervieu-Bègue, G.V. Osseby, O. Rouaud, D. Minier, M. Giroud, Y. Béjot (France)
- 14:50 AGE- AND SEX-SPECIFIC ANALYSIS OF CHARACTERISTICS AND OUTCOMES OF PATIENTS WITH EMBOLIC STROKE OF UNDETERMINED SOURCE**
 G. Ntaios, G.Y.H. Lip, K. Vemmos, A. Rodríguez-Campello, V. Arnao, V. Caso, M. Paciaroni, E. Diez-Tejedor, B. Fuentes, A. Arauz, S.F. Ameriso, M.A. Hawkes, F. Bandini, A.G. Pastor, J. Putaala, T. Tatlisumak, M.A. Barboza, G. Athanasakis, F. Gioulekas, V. Papavasileiou (United Kingdom)
- 15:00 MARRIAGE, DIVORCE, SINGLE LIVING, WIDOWHOOD AND THE RISK FOR STROKE. A DANISH NATION-WIDE POPULATION-BASED STUDY**
K.K. Andersen, T.S. Olsen (Denmark)
- 15:10 PUERPERIUM BUT NOT PREGNANCY IS A RISK FACTOR FOR CEREBRAL VENOUS THROMBOSIS**
S.M. Silvis, S. Hiltunen, E. Lindgren, K. Jood, L.J. Scheres, S.M. Zuurbier, F.L. Silver, D.M. Mandell, S. Middeldorp, J. Putaala, S.C. Cannegieter, T. Tatlisumak, J.M. Coutinho (The Netherlands)
- 15:20 SEX DIFFERENCES IN STROKE OUTCOMES: ANALYSIS FROM THE SOUTH LONDON STROKE REGISTER**
 A. Amarilla Vallejo, T. Rudd, C. Wolfe, A. Douiri (United Kingdom)
- 15:30 TRENDS IN ISCHEMIC STROKE RATES BY SEX FROM 2000 TO 2013: RESULTS FROM THE BRAIN ATTACK SURVEILLANCE IN CORPUS CHRISTI PROJECT**
L. Lisabeth, C. Li, B. Sanchez, L. Morgenstern (USA)
- 15:40 POORER QUALITY OF LIFE AT 3-6 MONTHS AFTER STROKE IN WOMEN COMPARED TO MEN IS DUE TO AGE AND SEVERITY BUT NOT CLINICAL CARE**
S. Gall, H. Phan, L. Blizzard, A. Thrift, C. Anderson, J. Kim, N. Lannin, D. Cadilhac (Australia)
- 15:50 SEX DIFFERENCES IN RESPONSE TO THROMBOLYSIS IN ACUTE ISCHEMIC STROKE: ENCHANTED RESULTS**
C. Carcel, S. Else Charlotte, X. Wang, S. Sato, C. Delcourt, S. Yoshimura, R. Lindley, J. Chalmers, C.S. Anderson (Australia)

14:30 - 16:00

Meeting Hall V

Scientific Communication: Young Stroke and Rare Causes

Chairs: E. Touzé (France)

F. Wollenweber (Germany)

14:40 AFTER 30-YEARS INCREASING INCIDENCE OF HOSPITALIZATION FOR STROKE IN YOUNG ADULTS INCIDENCE IS NOW DECREASING. A NATION-WIDE POPULATION-BASED STUDY OF STROKE IN DANISH HOSPITALS 1980-2014

K.K. Andersen, T.S. Olsen (Denmark)

14:30 LOW FETAL HEMOGLOBIN PERCENTAGE IS ASSOCIATED WITH SILENT WHITE MATTER CHANGES IN ADULTS WITH HOMOZYGOUS SICKLE CELL DISEASE

D. Calvet, T. Tuillier, N. Mélé, G. Turc, A. Habibi, L. Majhadi, M. Edjalali, F. Galactéros, P. Bartolucci (France)

14:50 ADDITIONAL CORTICOSTEROID TREATMENT IMPROVES OUTCOME IN CHILDHOOD STROKE DUE TO TRANSIENT FOCAL ARTERIOPATHY

M. Steinlin, S. Bigi, B. Stojanovski, J. Gajera, M. El Koussy, M. Mackay (Switzerland)

15:00 FEASIBILITY AND SAFETY OF THROMBOLYSIS AND THROMBECTOMY IN CHILDREN WITH ACUTE ISCHAEMIC STROKE

S. Bigi, A. Dulcey-Husi, C. Bernasconi, A. Melliger, A. Datta, M. Arnold, J. Fluss, J. Gralla, A. Hackenberg, O. Maier, C. Poloni, U. Fischer, M. Steinlin (Switzerland)

15:10 PREVALENCE AND TEMPORAL EVOLUTION OF COGNITIVE DYSFUNCTION IN YOUNG STROKE - FIRST DATA FROM A PROSPECTIVE SINGLE-CENTRE STUDY

D. Pinter, M.S. Schweinzer, T. Gattringer, K. Niederkorn, K. Krenn, G. Bachmaier, F. Fazekas, C. Enzinger (Austria)

15:20 SCREENING FOR MONOGENIC CEREBRAL SMALL VESSEL DISEASE USING WHOLE GENOME SEQUENCING

R.Y.Y. Tan, S. Gräf, H.S. Markus (United Kingdom)

15:30 UTILITY OF CURRENT THROMBOPHILIA SCREENING IN YOUNG STROKE AND TIA PATIENTS

V. Alakbarzade, A. Taylor, M. Scully, R. Simister, A. Chandratheva (United Kingdom)

15:40 SUBOPTIMAL USE OF SECONDARY PREVENTION AFTER STROKE IN YOUNG ADULTS: THE FUTURE STUDY

M. Van Dongen, M. Ekker, R. Arntz, N. Maaijwee, H. Schoonderwaldt, L. Rutten-Jacobs, F.E. De Leeuw (The Netherlands)

15:50 RARE RNF213 VARIANTS LOCATED IN THE C-TERM REGION ENCOMPASSING THE RING DOMAIN ARE ASSOCIATED WITH MOYAMOYA IN CAUCASIANS

E. Tournier-Lasserre, S. Guey, M. Kraemer, D. Hervé, T. Ludwig, M. Kossorotoff, F. Bergametti, J.C. Schwitalla, S. Choi, L. Broseus, E. Génin (France)

14:30 - 16:00

Ticket

Club A

Workshop/Teaching Course: Neurointervention Workshop Session 1

Convenors: O. Jansen (Germany)
C. Cognard (France)

P. Brouwer (Sweden)

M. Killer (Austria)

14:30 - 16:00

Ticket

Club E

Workshop/Teaching Course: SCP: Management challenges (Voting Session)

Convenors: J. Broderick (USA)
J.M. Olivot (France)

16:00 - 16:30

Exhibition Area

Coffee Break, Exhibition, Poster Viewing

16:30 - 18:00

Congress Hall

Stroke & Heart

Convenors: C. Gerloff (Germany)

P. Widimsky (Czech Republic)

16:30 EMPIRICAL VS. TARGETED ANTICOAGULATION: DOES ONE SIZE FIT ALL?

R. Veltkamp (United Kingdom)

16:45 LEFT ATRIAL APPENDAGE AND CLOSURE: WHO, WHEN, AND HOW?

E. Berge (Norway)

17:00 HOW ISCHEMIC INJURY INFLUENCES THE SYSTEMIC IMMUNE RESPONSE

A. Liesz (Germany)

17:15 DIAGNOSTIC VALUE OF CARDIAC TROPONIN AND CORONARY ANGIOGRAPHY IN ACUTE STROKE

M. Endres (Germany)

17:30 CARDIAC WORK-UP IN ACUTE ISCHEMIC STROKE: THE PERSPECTIVE OF THE CARDIOLOGIST

W. Döhner (Germany)

17:45 DISCUSSION

16:30 - 18:00

Forum Hall

Vascular Cognitive Impairment

Convenors: D. Leys (France)
Z. Gdovinová (Slovak Republic)

- 16:30 THE NEUROBIOLOGY OF VASCULAR DEMENTIA**
C. Iadecola (USA)
- 16:45 CAA-RELATED COGNITIVE IMPAIRMENT: CLINICAL FEATURES AND MECHANISMS**
D. Werring (United Kingdom)
- 17:00 ROLE OF AMYLOID IMAGING IN POST-STROKE MCI AND DEMENTIA**
V. Mok (Hong Kong S.A.R.)
- 17:15 LIFESTYLE INTERVENTIONS AND RISK OF DEMENTIA**
E. Richard (The Netherlands)
- 17:30 RISK FACTORS FOR DELIRIUM AND COGNITIVE IMPAIRMENT AFTER STROKE**
S. Pendlebury (United Kingdom)
- 17:45 DISCUSSION**

16:30 - 18:00

South Hall

Complications After Stroke: Prediction, Diagnosis, and Treatment

Convenors: E. Touzé (France)
J. Kõrv (Estonia)

- 16:30 ASPIRATION AND PNEUMONIA**
C. Smith (United Kingdom)
- 16:50 DVT AND PULMONARY EMBOLISM**
M. Dennis (United Kingdom)
- 17:10 EMOTIONAL DISTURBANCE**
J. Kim (Republic of Korea)
- 17:30 SPACE-OCCUPYING OEDEMA**
J. Hofmeijer (The Netherlands)
- 17:50 DISCUSSION**

16:30 - 18:00

Meeting Hall I

Scientific Communication: Thrombolysis in Practice

Chairs: C. Levi (Australia)

G. Thomalla (Germany)

16:30 INTRAVENOUS THROMBOLYSIS FOR PATIENTS WITH IN-HOSPITAL STROKE ONSET: PROPENSITY-MATCHED ANALYSIS FROM THE SITS-EAST REGISTRY

G. Tsvigoulis, A. Katsanos, P. Kadlecová, A. Czlonkowska, A. Kobayashi, M. Brozman, V. Svigelj, L. Csiba, K. Fekete, J. Körv, V. Demarin, A. Vilionskis, D. Jatuzis, Y. Krespi, C. Liantinioti, S. Giannopoulos, R. Mikulik (Greece)

16:40 EXPLANATIONS OF LATE ADMISSION OUTSIDE THE THERAPEUTIC TIME WINDOW IN ACUTE ISCHEMIC STROKE: INTERVIEW OF 1114 STROKE PATIENTS

T. Kharitonova, E. Kashaeva, I. Voznjouk (Russia)

16:50 SEROTONIN REUPTAKE INHIBITORS AND RISK OF SYMPTOMATIC INTRACEREBRAL HEMORRHAGE FOLLOWING THROMBOLYSIS – FINDINGS FROM THE TRISP COLLABORATION

J.F. Scheitz, G. Turc, D. Strbian, M.R. Heldner, H. Erdur, M. Endres, P.J. Nederkoorn, S.T. Engelter, C.H. Nolte (Germany)

17:00 INFLUENCE OF DEMOGRAPHIC AND CLINICAL CHARACTERISTICS ON TPA-USE OVER TIME: A MULTIVARIATE ANALYSIS OF PATIENT-DATA IN THE AUSTRIAN STROKE-UNIT REGISTRY

M. Marko, A. Posekany, J. Ferrari, P. Sommer, V. Lang, W. Lang, S. Greisenegger (Austria)

17:10 IMPACT OF STROKE CODE: AN ATTEMPT TO IMPROVE INTRAVENOUS THROMBOLYSIS RATE & SHORTEN DOOR TO NEEDLE TIME IN ACUTE ISCHEMIC STROKE.

K. Zirpe, S. Gurav, R.S. Wadia, A. Naniwadekar, A. Deshmukh, D. Tambe, D. Kharwade, R. Kodagali (India)

17:20 LOW THROMBIN GENERATION PREDICTS POOR PROGNOSIS IN ISCHEMIC STROKE PATIENTS AFTER THROMBOLYSIS

Z. Bagoly, R. Hudák, E.G. Székely, K.R. Kovács, A. Nagy, G. Hofgárt, E. Berényi, J. Kappelmayer, L. Csiba (Hungary)

17:30 THE ROLE OF PRO- AND ANTI-INFLAMMATORY CYTOKINES IN ISCHEMIC STROKE PATIENTS TREATED WITH TPA THROMBOLYSIS: RESULTS FROM THE MAGIC STUDY

A.M. Gori, B. Giusti, B. Piccardi, P. Nencini, M. Nesi, V. Palumbo, A. Sereni, G. Pracucci, E. Sticchi, R. Abbate, D. Inzitari (Italy)

17:40 FIVE-YEAR SURVIVAL AFTER THROMBOLYSIS: A PROPENSITY SCORE MATCHED STUDY USING THE SOUTH LONDON STROKE REGISTER

W. Muruet, A. Desikan, A. Douiri, A. Rudd, C. Wolfe (United Kingdom)

17:50 REDUCING DOOR-TO-NEEDLE TIMES AT 17 HOSPITALS TO 36 MINUTES

N. Kamal, T. Jeerakathil, E.E. Smith, B. Mann, M.D. Hill, On behalf of the QuICR Alberta Stroke Program (Canada)

16:30 - 18:00**Panorama Hall****Rare Causes of Stroke**

Convenors: T. Tatlisumak (Sweden)
K. Klijn (The Netherlands)

16:30 MOYA MOYA

S. Kuroda (Japan)

16:50 SUBCLAVIAN STEAL SYNDROME

G. Tsivgoulis (Greece)

17:10 SNEDDONS'S SYNDROME, ANTIPHOSPHOLIPID ANTIBODIES, AND STROKE

S. Alamowitch (France)

17:30 HEMODYNAMIC STROKE

L.J. Kappelle (The Netherlands)

17:50 DISCUSSION

16:30 - 18:00

Meeting Hall IV

Scientific Communication: Risk Factors

Chairs: S. Ricci (Italy)

S. Lorenzano (Italy)

- 16:30 RUPTURE RISK FOR FAMILIAL COMPARED TO SPORADIC INTRACRANIAL ANEURYSMS**
L. Mensing, Y. Ruigrok, G. Rinkel (The Netherlands)
- 16:40 GAMMA-GLUTAMYL TRANSFERASE PREDICTS STROKE RISK INDEPENDENT OF ALCOHOL CONSUMPTION: A KOREAN NATIONAL SAMPLE COHORT STUDY**
W. Yang, D.Y. Kim, C.K. Kim, D.W. Kang, H.G. Jeong, E.S. Park, S.H. Lee (Republic of Korea)
- 16:50 AMBULATORY BLOOD PRESSURE LEVELS RELATE TO WHITE MATTER HYPERINTENSITIES PROGRESSION IN PRIMARY HIPERTENSIVES. RESULTS FROM THE ISSYS (INVESTIGATING SILENT STROKES IN HYPERTENSIVES: A MRI STUDY)**
P. Delgado, I. Riba-Llena, J. Jiménez-Balado, M. Noviembre, O. Abril, X. Mundet, E. Espinel, J. Montaner (Spain)
- 17:00 ATRIAL FIBRILLATION IN TIA AND ISCHEMIC STROKE PATIENTS WITH A PRIOR STROKE IN COMPARISON TO THOSE WITHOUT. A SWEDISH STROKE REGISTER (RIKSSTROKE) STUDY.**
F. Buchwald, B. Norrving, J. Petersson (Sweden)
- 17:10 7 YEAR TRENDS IN SUBDURAL HAEMORRHAGE: INCIDENCE AND ASSOCIATION WITH ANTICOAGULATION USAGE**
M. Byrne, M.T. Cooney, S. Clarke, J. Cronin, M. Barry, R. Doyle (Ireland)
- 17:20 EMBOLIC STROKES OF UNDETERMINED SOURCE IN THE HELSINKI YOUNG STROKE REGISTRY: BASELINE CHARACTERISTICS**
N. Martinez-Majander, K. Aarnio, J. Pirinen, T. Lumikari, T. Nieminen, M. Lehto, J. Sinisalo, M. Kaste, T. Tatlisumak, J. Putaala (Finland)
- 17:30 CEREBRAL ARTERIAL PULSATILITY IS ASSOCIATED WITH LEUKOARAIOSIS AND RECURRENT CEREBROVASCULAR EVENTS INDEPENDENTLY OF AGE AND BLOOD PRESSURE**
A. Webb, L. Li, S. Mazzuco, P.M. Rothwell (United Kingdom)
- 17:40 WHITE MATTER HYPERINTENSITY MORPHOMETRY PROVIDES NOVEL INFORMATION ABOUT FUTURE RISK OF STROKE**
T. Evans, M.A. Ikram, M. De Groot, P. Koudstaal, M.K. Ikram, W. Niessen, M. O'sullivan, M. Vernooij (The Netherlands)
- 17:50 BASELINE COGNITIVE SCORE AT TIME OF FIRST TIA/STROKE PREDICTS RISK AND SEVERITY OF RECURRENT STROKE: POPULATION-BASED STUDY**
S. Pendlebury, R. Wharton, P. Rothwell (United Kingdom)

16:30 - 18:00

Meeting Hall V

Scientific Communication: Service Organisation

Chairs: H. Audebert (Germany)

M.L. Gallofre (Spain)

- 16:30 IMPACT OF TRANSCRANIAL DOPPLER ULTRASOUND ON LOGISTICS AND OUTCOMES IN PATIENTS TREATED WITH INTRAVENOUS THROMBOLYSIS FOR ACUTE ISCHEMIC STROKE. RESULTS FROM THE SITS-ISTR**
M. Mazya, E. Azevedo, A. Davalos, L. Dorado, M. Karlinski, L. Svetlana, D. Toni, N. Ahmed, T.P. Moreira (Sweden)
- 16:40 BETWEEN AND WITHIN CENTER EFFECTS OF VOLUME ON WORKFLOW AND OUTCOME IN INTRA-ARTERIAL TREATMENT FOR ACUTE ISCHEMIC STROKE: RESULTS FROM THE MR CLEAN REGISTRY**
B. Roozenbeek, M. Mulder, W. Schonewille, G. Lycklama à Nijeholt, J.A. Vos, J. Boiten, E. Venema, V. Chalos, I. Jansen, R.J. Goldhoorn, A. Van der Lugt, D. Dippel, H. Lingsma (The Netherlands)
- 16:50 HOW USEFUL IS SIMULATION TRAINING**
I. Grunwald, S. Shah, P. Guyler (United Kingdom)
- 17:00 PREHOSPITAL STROKE SCALE (FAST PLUS TEST) PREDICTS PATIENTS WITH LARGE ARTERIAL VESSEL INTRACRANIAL OCCLUSION**
D. Vaclavik, M. Bar, L. Klecka, D. Holes, R. Mikulik (Czech Republic)
- 17:10 VARIATION IN THE USE OF URINARY CATHETERS IN ACUTE STROKE : EXPLORATION OF HEAD POSITION IN STROKE TRIAL (HEADPOST) TRIAL DATA**
D. Forshaw, C. Anderson, H. Araima, P. Lavados, L. Billot, M. Hackett, V. Olavarria, P. Munoz-Venturelli, A. Brunser, B. Peng, L. Cui, L. Song, K. Rogers, S. Middleton, J. Lim, M. Woodward, O. Pontes-Neto, D.S. Asita, T. Robinson, C. Watkins (United Kingdom)
- 17:20 VARIATION IN THE MANAGEMENT OF VENOUS THROMBOEMBOLISM (DVT AND PE) ACROSS THE WORLD: EXPLORATION OF HEAD POSITION IN STROKE TRIAL (HEADPOST) TRIAL DATA**
C.E. Lightbody, C. Anderson, H. Araima, P. Lavados, L. Billot, M. Hackett, V. Olavarria, P. Munoz-Venturelli, A. Brunser, B. Peng, S. Middleton, J. Lim, M. Woodward, O. Pontes-Neto, A. De Silva, R.T. Lin, T.H. Lee, J. Pandian, T. Robinson, C. Watkins (United Kingdom)
- 17:30 VARIATION IN THE IDENTIFICATION AND MANAGEMENT OF DYSPHAGIA AND PNEUMONIA ACROSS THE WORLD: EXPLORATION OF HEAD POSITION IN STROKE TRIAL (HEADPOST) TRIAL DATA**
E. Boaden, C. Anderson, H. Araima, P. Lavados, L. Billot, M. Hackett, V. Olavarria, P. Munoz-Venturelli, A. Brunser, B. Peng, K. Rogers, S. Middleton, J. Lim, D. Forshaw, M. Woodward, R.T. Lin, T.H. Lee, J. Pandian, T. Robinson, C. Watkins (United Kingdom)

17:40 WHICH HOSPITAL-LEVEL ORGANISATIONAL FACTORS CONTRIBUTE TO THE VARIATION IN MORTALITY FOR STROKE PATIENTS?

L. Paley, E. Williamson, B. Bray, A. Hoffman, P. Tyrrell, M. James, A. Rudd, O.B.O.T. SSNAP Collaboration (United Kingdom)

17:50 COST-EFFECTIVENESS OF ENDOVASCULAR THERAPY USING MECHANICAL THROMBECTOMY DEVICES FOR ACUTE ISCHAEMIC STROKE

C. Teljeur, R. Glynn, P. Harrington, J. Harbison, D. Williams, M. Ryan (Ireland)

16:30 - 18:00



Club A

**Workshop/Teaching Course: Neurointervention Workshop
Session 2 (repeat session)**

Convenors: O. Jansen (Germany)
C. Cognard (France)

P. Brouwer (Sweden)

M. Killer (Austria)

16:30 - 18:00



Club E

**Workshop/Teaching Course: Interactive neuroimaging workshop
(Voting session)**

Convenors: G. Donnan (Australia)
R. Von Kummer (Germany)

18:00 - 19:00

Forum Hall

ESO General Assembly

18:00 - 19:00

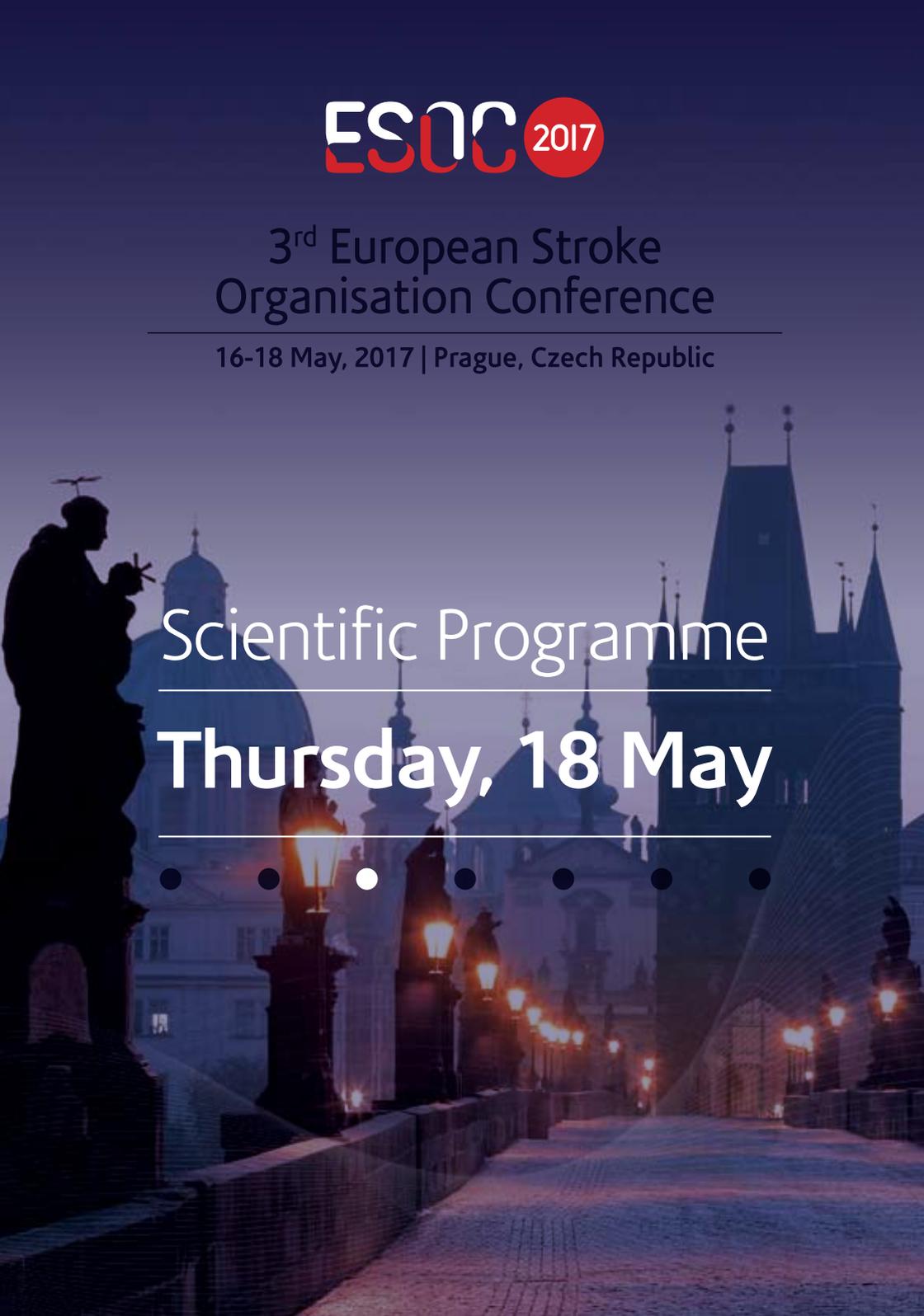
Poster Area

Poster Networking & Poster Walks



3rd European Stroke Organisation Conference

16-18 May, 2017 | Prague, Czech Republic

A background image of a Prague street at dusk. The street is paved with cobblestones and lined with ornate street lamps that are glowing. In the background, there are silhouettes of historic buildings, including a large dome and a tall spire. A statue is visible on the left side of the frame.

Scientific Programme

Thursday, 18 May



Stroke

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†Based on 2016 metrics calculated by HighWire Press and Wolters Kluwer.
‡2015 Journal Citation Reports® (Thomson Reuters, 2016).

§Reflects the highest Altmetric score for a specific point in time, May–Oct 2016. Altmetric scores constantly change as articles are mentioned and shared online. Source: Altmetric Explorer. Article: "Sex, Smoking, and Risk for Subarachnoid Hemorrhage." *Stroke*. 2016;47:1975–1981. DOI: 10.1161/STROKEAHA.116.012957.



Thursday, 18 May, 2017

8:30 - 10:00

Congress Hall

Intracerebral Haemorrhage II

Convenors: T. Robinson (United Kingdom)
S. Sacco (Italy)

8:30 INTRODUCTION AND WELCOME

8:32 VASO-OCCLUSIVE EVENTS AMONG ICH PATIENTS

D. Strbian (Finland)

8:49 CORTICAL SUPERFICIAL SIDEROSIS: WHY DOES IT MATTER?

G. Boulouis (France)

9:06 BLOOD PRESSURE MANAGEMENT IN THE ACUTE SETTING OF ICH: HOW DO I DO IT?

A. Parry-Jones (United Kingdom)

9:23 CEREBRAL VENOUS THROMBOSIS AND ARTERIO-VENOUS FISTULA: A PUZZLING RELATIONSHIP

F. Clarençon (France)

9:40 MANAGEMENT OF ORAL ANTICOAGULANT-ASSOCIATED ICH

S. Poli (Germany)

9:58 DISCUSSION

8:30 - 10:00

Forum Hall

Scientific Communication: Acute Intervention

Chairs: X. Urra (Spain)

P. Khatri (USA)

- 8:30 STRATIS REGISTRY: USE OF GENERAL ANESTHESIA AND IMPACT ON CLINICAL OUTCOME**
N. Mueller-Kronast, O. Zaidat, M. Froehler, R. Jahan, M.A. Aziz-Sultan, R. Klucznik, J. Saver, F. Hellinger- Jr., D. Yavagal, T. Yao, D. Liebeskind, D. Haussen (USA)
- 8:40 MECHANICAL THROMBECTOMY FOR MINOR AND MILD STROKE PATIENTS HARBORING LARGE VESSEL OCCLUSION IN THE ANTERIOR CIRCULATION: A MULTICENTER CASE CONTROL STUDY**
C. Dargazanli, C. Arquizan, R. Blanc, A. Consoli, B. Gory, V. Costalat, F. Turjman, M. Piotin, B. Lapergue (France)
- 8:50 A NON-INFERIORITY, RANDOMIZED TRIAL OF THE SAFETY AND EFFECTIVENESS OF THE PENUMBRA 3D REVASCULARIZATION DEVICE AS AN ADJUNCT TO ASPIRATION IN ACUTE ISCHEMIC STROKE**
R. Nogueira, D. Frei, J. Kirmani, O. Zaidat, M. Lazzaro, D. Lopes, A. Turk III, D. Heck, B. Mason, A. Siddiqui (USA)
- 9:00 ECONOMIC EVALUATION ALONGSIDE THE MULTICENTER RANDOMIZED CLINICAL TRIAL OF ENDOVASCULAR TREATMENT FOR ACUTE ISCHEMIC STROKE IN THE NETHERLANDS - MR CLEAN TRIAL**
L. Van den Berg, O. Berkhemer, P. Fransen, D. Beumer, H. Lingsma, C. Majoie, D. Dippel, A. Van der Lugt, R. Van Oostenbrugge, W. Van Zwam, Y. Roos, M. Dijkgraaf (The Netherlands)
- 9:10 MECHANICAL THROMBECTOMY IN PATIENTS WITH ACUTE ISCHEMIC STROKE ON ANTICOAGULATION THERAPY**
D. Sanak, D. Cernik, P. Divisova, M. Kocher, F. Cihlar, T. Veverka, A. Prcuchova, M. Kral, M. Cerna, T. Dornak, V. Prasil, D. Franc, P. Kanovsky (Czech Republic)
- 9:20 SAFETY AND OUTCOME OF INTRA-ARTERIAL TREATMENT FOR MINOR ISCHEMIC STROKE: RESULTS OF MR CLEAN REGISTRY**
R.J. Goldhoorn, M. Mulder, I. Jansen, W. Zwam- van, D. Dippel, A. Lugt- van der, C. Majoie, Y. Roos, J.A. Vos, J. Boiten, R. Oostenbrugge- van (The Netherlands)
- 9:30 CLINICAL OUTCOME OF ACUTE ISCHEMIC STROKE PATIENTS WITH EMERGENT ARTERIAL TANDEM OCCLUSIONS BY CERVICAL CAROTID TYPE OF REVASCULARIZATION**
L. Dorado, E. López-Cancio, M. Hernández-Pérez, M. Gomis, N. Pérez de la Ossa, E. Palomeras, S. Remollo, C. Castaño, M. Terceño, M. Millán, A. Dávalos (Spain)

- 9:40 COMPARISON OF RADIOLOGICAL OUTCOMES IN PATIENTS WITH ACUTE ISCHEMIC STROKE TREATED WITH DIFFERENT THROMBECTOMY TECHNIQUES**
A.C. Hesse, A. Kemmling, N. Grosse-Hohkamp, I. Frischmuth, D. Behme, **J. Liman**, I.L. Maier, J. Fiehler, A. Mpotsaris, P. Schramm, A. Berlis, M. Knauth, M.N. Psychogios (Germany)
- 9:50 ASSOCIATION OF COLLATERAL STATUS ON BASELINE CTA WITH CLINICAL OUTCOME IN ACUTE ISCHEMIC STROKE; RESULTS FROM THE MR CLEAN REGISTRY**
I. Jansen, M. Mulder, R.J. Goldhoorn, A. Van der Lugt, W. Van Zwam, Y. Roos, J.A. Vos, B. Emmer, G. Lycklama, B. Van der Kallen, S. Jenniskens, M. Sprengers, A. Van Es, J. Boiten, R. Van Oostenbrugge, M. Van Walderveen, D. Dippel, C. Majoie (The Netherlands)
-

8:30 - 10:00

South Hall

ESO Guidelines

Convenors: T. Steiner (Germany)
G. Ntaios (Greece)

- 8:30 ESO GUIDELINES ON GLUCOSE MANAGEMENT**
E. Diez-Tejedor (Spain)
- 8:45 ESO GUIDELINE ON SECONDARY PREVENTION**
K. Klijn (The Netherlands)
- 9:00 SOCIOECONOMIC IMPACT OF GUIDELINES ON DIFFERENT HEALTH SYSTEMS**
J. Dawson (United Kingdom)
- 9:15 ESO GUIDELINE ON MANAGEMENT OF UNRUPTURED ANEURYSM**
G. Rinkel (The Netherlands)
- 9:30 ESO UPDATE ON THROMBECTOMY MANAGEMENT**
H. Mattle (Switzerland)
- 9:45 DISCUSSION**

8:30 - 10:00

Meeting Hall I

Stem Cells & Experimental Stroke

Convenors: A. Meisel (Germany)

A.M. Planas (Spain)

8:30 MOLECULAR IMAGING: APPLICATIONS AND FUTURE PERSPECTIVE

D. Vivien (France)

8:51 INFLAMMATION IN THE ACUTE PHASE OF STROKE: TARGET FOR INTERVENTION

S. Allan (United Kingdom)

9:12 NEW ANIMAL MODELS FOR SVD AND VCI

G. Petzold (Germany)

9:33 STEM CELL THERAPIES IN STROKE

K.W. Muir (United Kingdom)

9:54 DISCUSSION

8:30 - 10:00

Panorama Hall

Young Stroke Physicians & Researchers

Convenors: E.C. Sandset (Norway)

P. Vanacker (Belgium)

8:30 A CAREER IN STROKE MEDICINE: WHAT DOES IT TAKE TO SUCCEED?

Á. Chamorro (Spain)

9:15 SHOULD YOUNG STROKE PHYSICIANS TRAIN IN ENDOVASCULAR PROCEDURES?

T. Jovin (USA)

8:30 - 10:00

Meeting Hall IV

Allied Health Care: Treatment of Stroke-Related Dysphagia - More Than Gut Feeling

Convenors: R. Dziewas (Germany)
P. Clavé (Spain)

8:30 STROKE-RELATED DYSPHAGIA - ANYTHING TO LEARN FROM PATHOPHYSIOLOGY?

E. Michou (United Kingdom)

8:45 BEHAVIORAL TREATMENT OPTIONS - WHERE IS THE EVIDENCE?

M. Trapl (Austria)

9:00 NEUROSTIMULATION - AN EMERGING FIELD OR A DEAD END?

R. Dziewas (Germany)

9:15 PHARMACOLOGICAL INTERVENTIONS - ANYTHING ON THE HORIZON?

P. Clavé (Spain)

9:30 FEEDING STRATEGIES IN STROKE - SHOULD WE REALLY CARE?

R. Wirth (Germany)

9:45 DISCUSSION

8:30 - 12:00



Meeting Hall V

Workshop/Teaching Course: Neurosonological Diagnosis: Hands-On Joint Workshop with ESNCH

Convenors: D. Skoloudik (Czech Republic)
M. Diomedì (Italy)

8:30 INTRODUCTION

8:40 ASSESSMENT OF CAROTID SYSTEM
M. Diomedì (Italy)

9:00 ASSESSMENT OF INTRACRANIAL CIRCULATION (TCCD)
A. Csanyi (Hungary)

9:20 EVALUATION OF COLLATERAL CIRCULATION
L. Olah (Hungary)

9:40 MICROEMBOLI DETECTION
D. Skoloudik (Czech Republic)

10:00 COFFEE BREAK

10:30 NEUROSONOLOGY EXAMINATION (WORKSTATIONS)

8:30 - 10:00



Club A

Workshop/Teaching Course: Simulation Workshop Session 1

Convenor: W. Pfeilschifter (Germany)

V. Svobodová (Czech Republic)

P. Rostek (Germany)

N. Kurka (Germany)

F. Bohmann (Germany)

8:30 - 10:00



Club E

Workshop/Teaching Course: Research Methodology for Stroke Clinicians

Convenors: P. Langhorne (United Kingdom)
S. Ricci (Italy)

DO WE STILL NEED RANDOMISED TRIALS?

P. Sandercock (United Kingdom)

HOW TO EVALUATE DIAGNOSTIC TOOLS

T. Quinn (United Kingdom)

WHEN AND HOW TO READ A META-ANALYSIS

P. Langhorne (United Kingdom)

THEY DID IT, BUT WHAT ABOUT ME? THE PROBLEM OF EXTERNAL VALIDITY

S. Ricci (Italy)

10:00 - 10:30

Exhibition Area

Coffee Break, Exhibition

10:30 - 12:00

Hall A

Scientific Communication: Late Breaking Clinical Trials

Chairs: B. van der Worp (The Netherlands)

J. Dawson (United Kingdom)

10:30 Early Prolonged Ambulatory Cardiac Monitoring in Stroke (EPACS): Randomised Clinical Trial using patch-based cardiac monitoring

J. Teo, A. Kaura, L. Sztriha, J. Aeron-Thomas, F.K. Chan, P. Rao, E. McKenzie, B. Chitando, J. Lenane, N. Gall, B. Piechowski-Jozwiak (United Kingdom)

10:40 RESUMPTION OF ORAL ANTICOAGULATION AFTER INTRACEREBRAL HEMORRHAGE IS ASSOCIATED WITH DECREASED MORTALITY AND FAVORABLE FUNCTIONAL OUTCOME

A. Biffi, **J.B. Kuramatsu**, A. Leasure, H. Kamel, C. Kourkoulis, K. Schwab, A.M. Ayres, J. El, S.M. Greenberg, A. Viswanathan, C.D. Anders, S. Schwab, J. Rosand, F.D. Testai, D. Woo, H.B. Huttner, K.N. Sheth (Germany)

10:50 LONG-TERM ANTITHROMBOTIC TREATMENT IN INTRACRANIAL HEMORRHAGE SURVIVORS WITH ATRIAL FIBRILLATION: A SYSTEMATIC REVIEW AND META-ANALYSIS

E. Korompoki, F. Filippidis, P. Nielsen, A. Del Giudice, G. Lip, J. Kuramatsu, H. Huttner, J. Fang, S. Schulman, J. Marti-Fàbregas, C. Gathier, A. Viswanathan, A. Biffi, D. Poli, C. Weimar, U. Malzahn, P. Heuschmann, R. Veltkamp (United Kingdom)

11:00 MILD STROKE DUE TO LARGE ARTERY OCCLUSION. WHEN IS IV THROMBOLYSIS NOT ENOUGH? RESULTS FROM THE SITS-ISTR REGISTRY

M. Mazya, C. Cooray, K.R. Lees, G.A. Ford, M. Bar, S. Frol, T.P. Moreira, L. Sekaran, V. Svigelj, D. Toni, N. Wahlgren, N. Ahmed (Sweden)

11:10 SPACE-2: STENT-PROTECTED ANGIOPLASTY IN ASYMPTOMATIC CAROTID ARTERY STENOSIS VS. ENDARTERECTOMY COMPARED TO BEST MEDICAL TREATMENT. ONE YEAR RESULTS

T. Reiff, H. Eckstein, U. Mansmann, O. Jansen, G. Fraedrich, H. Mudra, D. Böckler, M. Böhm, H. Brückmann, E. Debus, J. Fiehler, K. Mathias, E.B. Ringelstein, J. Schmidli, R. Stingeles, R. Zahn, W. Hacke, P. Ringleb (Germany)

11:20 COMPARING THE IMPACT OF BASELINE COLLATERAL STATUS ASSESSED BY DIFFERENT COLLATERAL SCORES AND IMAGING MODALITIES ON OUTCOMES IN ACUTE ISCHEMIC PATIENTS: META-ANALYSIS FROM THE HERMES-COLLABORATION

H. Gensicke, F. Al Ajlan, B. Campbell, C. Majoie, S. Bracard, K. Muir, L.S. Román, A. Van Der Lugt, D. Liebeskind, S. Brown, P. White, F. Guillemin, A. Dávalos, T. Jovin, J. Saver, M. Hill, D. Dippel, P. Mitchell, A. Demchuk, B. Menon (Switzerland)

- 11:30 PRASUGREL VERSUS CLOPIDOGREL IN ISCHEMIC STROKE PATIENTS: A MULTICENTER, RANDOMIZED, DOUBLE-BLIND, PARALLEL GROUP TRIAL (THE PRASTRO-I)**
K. Toyoda, A. Ogawa, Y. Ikeda, S. Uchiyama, N. Tanahashi, M. Matsumoto, I. Nagata, K. Minematsu (Japan)
- 11:40 THE ANSTROKE TRIAL**
P. Hendén (Sweden)
- 11:50 GENERAL OR LOCAL ANESTHESIA IN INTRA ARTERIAL THERAPY ("GOLIATH"): A RANDOMIZED TRIAL**
C.Z. Simonsen, A.J. Yoo, L.H. Sørensen, N. Juul, S.P. Johnsen, G. Andersen, M. Rasmussen (Denmark)
-

10:30 - 12:00

Forum Hall

Subarachnoid Haemorrhage & Vascular Malformations (EANS-ESO)

Convenors: **M. Wermer** (The Netherlands)
C. Stapf (Canada)

- 10:30 MANAGEMENT OF UNRUPTURED INTRACRANIAL ANEURYSMS**
M. Wermer (The Netherlands)
- 10:45 COILING OR CLIPPING FOR RUPTURED INTRACRANIAL ANEURYSMS**
D. Hänggi (Germany)
- 11:00 PREVENTION AND TREATMENT OF DELAYED CEREBRAL ISCHAEMIA AFTER SAH**
N. Etminan (Germany)
- 11:15 QUALITY OF LIFE AND COGNITION AFTER SAH**
S. Wallmark (Sweden)
- 11:30 MANAGEMENT OF UNRUPTURED INTRACRANIAL AVMS**
C. Stapf (Canada)
- 11:45 DISCUSSION**

10:30 - 12:00

South Hall

Stroke & Related Neurological Conditions (EAN-ESO)

Convenors: C. Roffe (United Kingdom)
T. Moulin (France)

- 10:30 **INFLUENCE OF SLEEP DISORDERS ON THE RISK OF CARDIOVASCULAR DISEASE**
M. Grandner (USA)
- 10:45 **ACUTE VERTIGO: WHEN SHOULD WE NOT SUSPECT STROKE?**
M. Dieterich (Germany)
- 11:00 **DIPLOPLIA: WHEN SHOULD WE NOT SUSPECT A STROKE?**
K.M. Sand (Norway)
- 11:15 **STROKE AND MIGRAINE**
A. Pavlovic (Serbia)
- 11:30 **STROKE AND EPILEPSY**
V. de Herdt (Belgium)
- 11:45 **DISCUSSION**

10:30 - 12:00

Meeting Hall I

Experimental Stroke II

Convenors: A. Denes (Hungary)
X. Urra (Spain)

- 10:30 **THE BIOLOGY OF NEURAL REPAIR**
R. Dijkhuizen (The Netherlands)
- 10:50 **THE GUT MICROBIOTA AND STROKE OUTCOME: HYPE OR HOPE?**
C. Benakis (Germany)
- 11:10 **SENSORY STIMULATION: A NEW TREATMENT PARADIGM FOR ACUTE ISCHEMIC STROKE?**
J. Baron (France)
- 11:30 **NEUROPROTECTION 2.0: IS THERE A SECOND CHANCE?**
Á. Chamorro (Spain)
- 11:50 **DISCUSSION**

10:30 - 12:00

Panorama Hall

Scientific Communication: Imaging

Chairs: M. Goyal (Canada)

F. Fazekas (Austria)

- 10:30 A CLINICAL PREDICTION RULE WOULD ALLOW MORE EFFECTIVE CTA UTILIZATION OF VASCULAR IMAGING FOR SUSPECTED MILD ACUTE CEREBROVASCULAR (ACVS) IN THE EMERGENCY DEPARTMENT**
A.M. Penn, M.B. Bibok, M. Penn, K. Votova, R.F. Balshaw, M.L. Lesperance, B.D. Farrell, J.R. Mathieson (Canada)
- 10:40 QUANTITATIVE ASSESSMENT OF PLAQUE ENHANCEMENT IN SYMPTOMATIC INTRACRANIAL ATHEROSCLEROTIC LESIONS: A HIGH RESOLUTION MAGNETIC RESONANCE IMAGING STUDY**
W. Yang, X. Chen, Y.O.Y. Soo, T.W.H. Leung, W.C.W. Chu, L.K.S. Wong (Hong Kong S.A.R.)
- 10:50 CLINICAL CORRELATES, PROGNOSTIC IMPLICATIONS AND ETHNIC DIFFERENCES OF PERIVASCULAR SPACES IN PATIENTS WITH TIA AND ISCHAEMIC STROKE**
G.K.K. Lau, L. Li, C. Lovelock, G. Zamboni, T.T. Chan, C. Ronald, L. Kin Ting, W. Kueker, H. Mak, P. Rothwell (United Kingdom)
- 11:00 VALIDATING A PREDICTIVE MODEL OF ACUTE ADVANCED IMAGING BIOMARKERS IN ISCHEMIC STROKE.**
A. Bivard, C. Levi, L. Lin, C. Xing, R. Aviv, N. Spratt, L. Min, M. Parsons, C. Levi (Australia)
- 11:10 PREDICTORS FOR GOOD COLLATERALS IN 857 PATIENTS WITH ACUTE ISCHEMIC STROKE AND PROXIMAL MIDDLE CEREBRAL ARTERY OCCLUSION**
S. Nannoni, C.W. Cereda, G. Sirimarco, D. Lambrou, A. Eskandari, A. Maghraoui, F. Puccinelli, P. Mosimann, M. Wintermark, P. Michel (Switzerland)
- 11:20 REVISING COLLATERAL SCORING ON SINGLE-PHASE CTA: INSIGHTS GAIN FROM MULTI-PHASE CTA**
H. Gensicke, P. Pordelli, D. Dowlatshahi, F. Al Ajlan, A. Poppe, J.M. Boulanger, T. Field, A. Calleja, R. Mikulik, A. Jin, J. Puig, M. Hill, M. Goyal, A. Demchuk, B. Menon (Switzerland)
- 11:30 IS INFARCT VOLUME ON CT A USEFUL PROXY FOR FUNCTIONAL OUTCOME? RESULTS FROM THE MR CLEAN TRIAL**
H. Lingsma, K. Comanje, M. Broers, D. Dippel, H. Marquering, A. Van der Lugt, C. Majoie (The Netherlands)

11:40 THE CORE OF INFARCTION IN CT PERFUSION: RELIABLE ESTIMATOR OF REAL INFARCTION?

L. Martínez Vicente, S. Trillo Senín, C. Ramos Martín, C. Aguirre Hernández, S. Bashir Víturro, P. Alcántara Miranda, J. Villacieros Álvarez, E. Bárcena Ruiz, J.L. Caniego Monreal, R. Manzanares Soler, L. Vega Piris, A. Ximénez-Carrillo Rico, J. Vivancos (Spain)

11:50 EXTENDING THE TIME FOR THOMBOLYSIS IN EMERGENCY NEUROLOGICAL DEFICITS (EXTEND) – PENUMBRAL CHARACTERISTICS AMONG PATIENTS 4.5-9 HRS AND WAKE – UP STROKE

H. Ma, B. Campbell, M. Parsons, C. Levi, L. Churilov, A. Meretoja, C. Hsu, S. Davis, G. Donnan (Australia)

10:30 - 12:00

Meeting Hall IV

Allied Health Care: Participation in Society After Stroke

Convenors: M. Walker (United Kingdom)

K. Stibrant Sunnerhagen (Sweden)

10:30 PARTICIPATION AFTER STROKE

K. Stibrant Sunnerhagen (Sweden)

10:45 MOBILITY IN SOCIETY AFTER STROKE

M. Walker (United Kingdom)

11:00 PSYCHOSOCIAL OUTCOME AFTER STROKE

M. Hackett (Australia)

11:15 COGNITIVE AND MOOD DISORDERS AFTER STROKE

M. Brainin (Austria)

11:30 RETURN TO SOCIETY AFTER STROKE; PROBLEMS AND POSSIBILITIES

C. Wolfe (United Kingdom)

11:45 DISCUSSION

10:30 - 12:00

Ticket

Club A

Workshop/Teaching Course: Simulation Workshop Session 2 (repeat session)

Convenor: W. Pfeilschifter (Germany)

V. Svobodová (Czech Republic)

P. Rostek (Germany)

N. Kurka (Germany)

F. Bohmann (Germany)

10:30 - 12:00

Ticket

Club E

Workshop/Teaching Course: Structured Case Presentations: Diagnostic challenges (Voting Session)

Convenors: P. Jeyaraj (India)

P. Lyden (USA)

12:00 - 12:15

Short Break

12:15 - 13:45

Meeting Hall I

Industry Supported Session

Not included in main CME/CPD Event. For details see page 309

12:15 - 13:45

Meeting Hall IV

Industry Supported Session

Not included in main CME/CPD Event. For details see page 310

13:45 - 14:00

Short Break

14:00 - 15:30

Forum Hall

Endovascular Treatment II (ESMINT-ESO)

Convenors: I. Szikora (Hungary)

A. Dávalos (Spain)

14:00 DEVELOPMENTS IN ENDOVASCULAR TREATMENT TECHNIQUES

L. Pierot (France)

14:20 PERIINTERVENTIONAL MANAGEMENT OF IAT

S. Schönenberger (Germany)

14:40 ENDOVASCULAR TREATMENT OF CEREBRAL VENOUS SINUS THROMBOSIS

J. Coutinho (The Netherlands)

15:00 IMAGING ENDPOINTS IN ENDOVASCULAR STROKE THERAPY TRIALS

J. Saver (USA)

15:20 DISCUSSION

14:00 - 15:30

South Hall

Hypertension - Stroke Prevention in the 21st Century

Convenors: P. Santalucia (Italy)

F.R. Pezzella (Italy)

14:00 MODERN APPROACHES TO BLOOD PRESSURE MONITORING AND CONTROL IN AT RISK PATIENTS

J. Mant (United Kingdom)

14:20 HOW LOW SHOULD WE GO: TARGET BLOOD PRESSURE IN STROKE PREVENTION

O. Benavente (Canada)

14:40 BEYOND MEAN BLOOD PRESSURE: BLOOD PRESSURE VARIABILITY AND CONSISTENCY OF BLOOD PRESSURE CONTROL

A. Webb (United Kingdom)

15:00 OPTIMAL CHOICE OF ANTIHYPERTENSIVE AGENT AFTER STROKE

S.E. Kjeldsen (Norway)

15:20 DISCUSSION

14:00 - 15:30

Scientific Communication: ICH - Associations and Outcomes

Chairs: C. Stapf (Canada)

T. Steiner (Germany)

14:00 CORTICAL SUPERFICIAL SIDEROSIS IN DIFFERENT TYPES OF CEREBRAL SMALL VESSEL DISEASE

F. Wollenweber, E. Baykara, M. Zedde, B. Gesierich, E. Jouvent, A. Viswanathan, S. Ropele, H. Chabriat, R. Schmidt, C. Opherk, M. Dichgans, J. Linn, M. Duering (Germany)

14:10 ABSOLUTE RISK AND PREDICTORS OF THE GROWTH OF ACUTE SPONTANEOUS PRIMARY INTRACEREBRAL HAEMORRHAGE: AN INDIVIDUAL PATIENT DATA META-ANALYSIS

R. Lee, J. Frantziias, **R. Al-Shahi Salman**, A. ICH growth IPDMA Collaborators, A. VISTA-ICH Collaborators (United Kingdom)

14:20 ACUTE ISCHEMIC LESIONS ARE ASSOCIATED WITH CORTICAL SUPERFICIAL SIDEROSIS IN SPONTANEOUS INTRACEREBRAL HEMORRHAGE.

P. Revel-Mouroz, A. Viguier, V. Cazzola, L. Calviere, S. Pastoura, J.F. Albuher, J.M. Olivot, F. Bonneville, **N. Raposo** (France)

14:30 BETTER FUNCTIONAL OUTCOME AND LOWER RISK OF MORTALITY FOR PATIENTS WITH INTRACRANIAL HEMORRHAGE ON STROKE UNITS COMPARED TO INTENSIVE CARE UNITS AND NORMAL WARDS

M.N. Ungerer, P. Martus, P. Ringleb, **C. Gumbinger** (Germany)

14:40 SMASH-U VERSUS H-ATOMIC: A RANDOMIZED HEAD-TO-HEAD COMPARISON FOR THE ETIOLOGIC CLASSIFICATION OF PATIENTS WITH INTRACEREBRAL HEMORRHAGE

J. Martí-Fàbregas, L. Prats-Sánchez, D. Guisado-Alonso, P. Camps-Renom, A. Martínez-Domeño, R. Delgado-Mederos (Spain)

14:50 IMPLEMENTATION OF AN ACUTE CARE BUNDLE FOR INTRACEREBRAL HAEMORRHAGE: EXPERIENCE AT A UK COMPREHENSIVE STROKE CENTRE AND ASSOCIATED REDUCTION IN 30-DAY CASE FATALITY

A. Parry-Jones, K. Paroutoglou, L. Cecchini, J. Rowland, B. Bray, H. Patel (United Kingdom)

15:00 LACK OF EARLY IMPROVEMENT PREDICTS POOR CLINICAL OUTCOME FOLLOWING ACUTE INTRACEREBRAL HEMORRHAGE

V. Yogendrakumar, E. Smith, A. Demchuk, R. Aviv, D. Rodriguez-Luna, C. Molina, J.M. Boulanger, Y. Silva, I. Dzialowski, A. Kobayashi, C. Lum, G. Gubitz, V. Padma, J. Roy, C. Kase, R. Bhatia, M. Ali, P. Lyden, M. Hill, D. Dowlatshahi (Canada)

15:10 ASSOCIATIONS WITH HAEMORRHAGIC TRANSFORMATION IN ACUTE ISCHEMIC STROKE

K.R. Van Kranendonk, A.M.M. Boers, K.M. Treurniet, O.A. Berkhemer, H.A. Marquering, Y.B.W.E.M. Roos, C.B.L.M. Majoie (The Netherlands)

15:20 PREDICTING PRESENCE OF MACROVASCULAR CAUSES IN PATIENTS WITH NON-TRAUMATIC INTRACEREBRAL HAEMORRHAGE BASED ON PATIENT AND HAEMORRHAGE CHARACTERISTICS; THE DIAGRAM PREDICTION SCORE

N. Hilkens, C. Van Asch, D. Werring, D. Wilson, G. Rinkel, A. Algra, B. Velthuis, R. Jager, J. Greving, C. Klijn, T. DIAGRAM study group (The Netherlands)

14:00 - 15:30

Panorama Hall

Scientific Communication: Prognosis - Outcomes

Chairs: V. Thijs (Australia)

M. Koga (Japan)

14:00 TIME-COURSE OF EVOLUTION OF FUNCTIONAL RECOVERY AND CAUSE-SPECIFIC MORTALITY AFTER ISCHAEMIC STROKE: IMPLICATIONS FOR TRIAL DESIGN AND INTERPRETATION

A. Ganesh, R. Luengo-Fernandez, R.M. Wharton, S.A. Gutnikov, L.E. Silver, Z. Mehta, P.M. Rothwell, O.B.O.T. Oxford Vascular Study (United Kingdom)

14:10 COMPARISON OF LONG-TERM SPONTANEOUS FUNCTIONAL RECOVERY AND RESPONSE TO TREATMENT WITH MLC601 BETWEEN CORTICAL AND NON-CORTICAL STROKES – THE CHIMES-E STUDY

N. Venketasubramanian, C.F. Lee, C. Chen, CHIMES-E Study Investigators (Singapore)

14:20 OUTCOME AFTER POSTERIOR CIRCULATION STROKE – PROPENSITY SCORE MATCHING ANALYSIS FROM THE AUSTRIAN STROKE UNIT REGISTRY

P. Sommer, A. Posekany, J. Ferrari, M. Marko, E. Fertl, W. Serles, S. Greisenegger (Austria)

14:30 IMPACT OF STROKE ASSOCIATED PNEUMONIA ON MORTALITY, LENGTH OF HOSPITAL STAY AND FUNCTIONAL OUTCOME FOLLOWING ACUTE STROKE

W.H. Teh, C. Smith, R. Barlas, A. Wood, J. Bettencourt-Silva, A. Clark, A. Metcalf, K. Bowles, J. Potter, P. Myint (United Kingdom)

14:40 PERFORMANCE OF THE ORDINAL VERSUS DICHOTOMIZED MODIFIED RANKIN SCALE IN PREDICTING 5-YEAR DEATH, DISABILITY, AND HEALTHCARE COSTS AFTER ISCHAEMIC STROKE: IMPLICATIONS FOR CLINICAL TRIALS

A. Ganesh, R. Luengo-Fernandez, R.M. Wharton, S.A. Gutnikov, L.E. Silver, Z. Mehta, P.M. Rothwell, O.B.O.T. Oxford Vascular Study (United Kingdom)

14:50 IMPACT OF ANTI-N-METHYL-D-ASPARTATE-RECEPTOR (NMDAR) NR1 ANTIBODIES ON LONG-TERM FUNCTIONAL OUTCOME IN STROKE PATIENTS

P.S. Sperber, S.K. Piper, B. Siegerink, H. Prüß, T.G. Liman, M. Endres (Germany)

15:00 REDUCTION IN MORTALITY AFTER STROKE IN YOUNG ADULTS IN THE NETHERLANDS

J. Verhoeven, M. Ekker, K. Van Nieuwenhuizen, E. Van Dijk, I. Vaartjes, C. Klijn, F.E. De Leeuw (The Netherlands)

15:10 LONG-TERM PREDICTORS OF MORTALITY AND FUNCTIONAL OUTCOME AFTER DECOMPRESSIVE HEMICRANIECTOMY FOR MALIGNANT MIDDLE CEREBRAL ARTERY INFARCTION

M. Bodenant, A. Tuffal, B. Casolla, H. Henon, J.P. Lejeune, D. Leys, C. Cordonnier (France)

15:20 DERIVATION AND VALIDATION OF A NOVEL, PARSIMONIOUS, BIOMARKER-BASED PROGNOSTIC SCORE IN ISCHEMIC STROKE: THE CORISK-SCORE

M. Katan, T. Dankowski, I.R. König, C. Foerch, D. Buhl, F. Fluri, R. Kurmann, O. Findling, M. Christ-Crain, M. Arnold, **G.M. De Marchis** (Switzerland)

14:00 - 15:30

Meeting Hall IV

Rehabilitation - Recovery After Stroke

Convenors: J. Kõrv (Estonia)

M. Walker (United Kingdom)

14:00 ROBOTICS TO SUPPORT MOTOR RECOVERY AFTER STROKE

K. Jahn (Germany)

14:15 STROKE REHABILITATION IN BALTIC STATES

G. Berzina (Latvia)

14:30 ENHANCING NEUROREHABILITATION BY NON-INVASIVE BRAIN STIMULATION

J. Mehrholz (Germany)

14:45 DRUGS ENHANCING BRAIN PLASTICITY

K. Stibrant Sunnerhagen (Sweden)

15:00 DRIVING AFTER STROKE

N. Lincoln (United Kingdom)

15:15 DISCUSSION

14:00 - 15:30



Meeting Hall V

Workshop/Teaching Course: Iatrogenic Stroke

Convenors: V. Wolff (France)
M. Paciaroni (Italy)

HAEMORRHAGIC STROKE IN ANTICOAGULATED PATIENTS

M. Paciaroni (Italy)

DRUG INDUCED STROKE

V. Wolff (France)

STROKE FROM CARDIOVASCULAR PROCEDURES

G. Andrikopoulos (Greece)

ACUTE TREATMENT OF IATROGENIC INHOSPITAL STROKE

M. Mono (Switzerland)

14:00 - 15:30



Club E

Workshop/Teaching Course: 2° Stroke Prevention Update

Convenors: T. Ullberg (Sweden)
J. Röther (Germany)

PRACTICAL ASPECT OF ANTICOAGULATION WITH DOACS

J. Röther (Germany)

NEW ANTIPLATELETS STRATEGIES FOR 2ND STROKE PREVENTION

P. Michel (Switzerland)

VERTEBRAL AND INTRACRANIAL STENOSIS: AGGRESSIVE MEDICAL MANAGEMENT

H. Milionis (Greece)

COMPLIANCE WITH 2ARY STROKE PREVENTION THERAPIES - WHAT MATTERS?

T. Ullberg (Sweden)



3rd European Stroke Organisation Conference

16-18 May, 2017 | Prague, Czech Republic

A background image of a Prague street at dusk. The street is paved with cobblestones and lined with ornate street lamps that are glowing. In the background, there are several buildings with domes and spires, including the Charles Bridge. The sky is a deep blue.

Poster Walk 1

Tuesday, 16 May



18:15 - 19:15

Poster Area

Poster Walk: Atrial Fibrillation

Chair: J. Mant (United Kingdom)

Board
Number

- 18:15 ELECTROCARDIOGRAPHIC LEFT ATRIAL ABNORMALITIES IN TRANSIENT ISCHAEMIC ATTACK (TIA) AND ISCHAEMIC STROKE: A POPULATION-BASED STUDY** 001
G. Turri, L. Li, S. Lyons, G. Yiin, S. Monaco, P.M. Rothwell (Italy)
- 18:20 CHARACTERISTICS AND PROGNOSIS OF PATIENTS NOT RECEIVING ORAL ANTICOAGULANTS AFTER ISCHEMIC STROKE WITH ATRIAL FIBRILLATION: THE SAMURAI-NVAF STUDY** 002
D. Ando, S. Sato, M. Koga, K. Todo, E. Furui, Y. Shiokawa, S. Takizawa, T. Kameda, Y. Hasegawa, S. Shibuya, Y. Ito, T. Nakashima, K. Takamatsu, Y. Yamaguchi, T. Ide, H. Yamagami, S. Yoshimura, S. Arihiro, K. Toyoda (Japan)
- 18:25 ISCHEMIC STROKE: DWI / FLAIR LESION PATTERN IS ASSOCIATED WITH ATRIAL FIBRILLATION** 003
L.S. Milles, H. Erdur, J.F. Scheitz, K. Villringer, K.G. Haeusler, M. Endres, H.J. Audebert, J.B. Fiebach, C.H. Nolte (Germany)
- 18:30 RIVAROXABAN PLASMA LEVELS IN PATIENTS WITH ACUTE ISCHEMIC STROKE AND INTRACEREBRAL HEMORRHAGE** 004
D. Seiffge, G. Kägi, M. Zedde, Y. Béjot, G. Turc, P. Michel, U. Fischer, C. Cordonnier, S. Wegener, G. Rodier, A. Zini, M. Capellari, P. Sandor, S. Thilemann, A. Polymeris, D. Tsakiris, S. Engelter (Switzerland)
- 18:35 DIRECE ORAL ANTICOAGULANT REDUCES STROKE SEVERITY IN PATIENTS WITH ACUTE ISCHEMIC STROKE AND NON-VALVULAR ATRIAL FIBRILLATION** 005
Y. Sakamoto, S. Okubo, K. Kimura (Japan)
- 18:40 COMPARISON OF BIOCHEMICAL BIOMARKERS OF ATRIAL FIBRILLATION IN ISCHAEMIC STROKE PATIENTS** 006
P. Jansky, L. Stovickova, O. Chudomel, H. Magerova, P. Kesnerova, J. Paulasova-Schwabova, T. Ruzickova, M. Horejsi, I. Sarbochova, M. Sramek, V. Bulkova, A. Tomek (Czech Republic)
- 18:45 DISCUSSION**

18:15 - 19:15

Poster Area

Poster Walk: Clinical Trials

Chair: P. Sandercock (United Kingdom)

Board
Number

- 18:15 EFFECT OF ENDOVASCULAR THROMBECTOMY IN PATIENTS WITH ATRIAL FIBRILLATION. A META-ANALYSIS OF INDIVIDUAL PATIENT DATA FROM SIX RANDOMIZED TRIALS; RESULTS FROM THE HERMES COLLABORATION**

J. Smaal, W. Van Zwam, D. Dippel, C. Majoie, S. Brown, M. Goyal, P. Mitchell, A. Demchuk, A. Dávalos, T. Jovin, J. Saver, B. Campbell, K. Muir, P. White, Y. Roos, A. Van der Lugt, R. Van Oostenbrugge (The Netherlands)

058
- 18:20 VERY URGENT CAROTID ENDARTERECTOMY IS ASSOCIATED WITH AN INCREASED PROCEDURAL RISK, THE CAROTID ALARM STUDY**

A. Nordanstig, **K. Jood** (Sweden)

059
- 18:25 PERSISTENT METABOLIC DISTURBANCE DESPITE A NORMALIZED CEREBRAL BLOOD FLOW IN THE PERIHEMORRHAGIC ZONE FOLLOWING SURGERY FOR INTRACEREBRAL HEMORRHAGE**

L. Tobieson, P. Zsigmond, J. Hillman, S. Rossitti, N. Marklund (Sweden)

060
- 18:30 MANAGEMENT OF DYSPHAGIC PATIENTS WITH ACUTE STROKE – A PROSPECTIVE VALIDATION OF CURRENT RECOMMENDATIONS**

H. Neugebauer, B. Lindner-Pfleghar, S. Stösser, J. Kassubek, A. Ludolph, R. Dziewas, M. Prosiegel, A. Riecker (Germany)

061
- 18:35 GOOGLING SERVICE BOUNDARIES FOR ENDOVASCULAR CLOT RETRIEVAL (ECR) HUB HOSPITALS IN A METROPOLITAN SETTING: PROOF OF CONCEPT STUDY**

T. Phan, R. Beare, J. Chen, B. Clissold, J. Ly, S. Singhal, **H. Ma**, S. Velandai (Australia)

062
- 18:40 COST-EFFECTIVENESS OF MECHANICAL THROMBECTOMY COMPARED WITH STANDARD TREATMENT IN PATIENTS WITH ACUTE ISCHAEMIC STROKE**

R. Heggie, O. Wu, K. Muir, P. White, G. Ford, M. Brown, A. Clifton, J. Wardlaw (United Kingdom)

063
- 18:45 DISCUSSION**

18:15 - 19:15

Poster Area

Poster Walk: Intracerebral Haemorrhage

Chair: M. Bar (Czech Republic)

Board
Number

- 18:15 PRIMARY INTRAVENTRICULAR HEMORRHAGE IN THE CLEAR III TRIAL** **217**
S. Nelson, A. Mould, R. Thompson, R. Dlugash, I. Awad, D.F. Hanley, W. Ziai (USA)
- 18:20 RANDOMISED TRIALS OF STROKE DUE TO INTRACEREBRAL HAEMORRHAGE: SYSTEMATIC REVIEW OF TRIAL CHARACTERISTICS, RISK OF BIAS, SAMPLE SIZE, AND EFFECT SIZE** **218**
A. Tamborska, M.T.C. Poon, R. Al-Shahi Salman (United Kingdom)
- 18:25 EARLY MOBILISATION AFTER INTRACEREBRAL HAEMORRHAGE: ASSOCIATION WITH SURVIVAL AND BLOOD PRESSURE** **219**
J. Rowland, C. Heal, R. Collins, G. Smith, U. Hammerbeck, A. Vail, A. Parry-Jones (United Kingdom)
- 18:30 CONSERVATIVE VERSUS SECONDARY SURGICAL TREATMENT OF CEREBELLAR INTRACEREBRAL HEMORRHAGE LARGER THAN 3 CENTIMETERS** **220**
 S.D. Singh, F.H.B.M. Schreuder, K.M. Van Nieuwenhuizen, K. Kanselaar-Martens, W.M. Jolink, C.J.M. Klijn, G.J.E. Rinkel, H.B. Brouwers (The Netherlands)
- 18:35 PROGNOSTIC VALUE OF HEMATOMA VOLUME FOR 3-MONTHS OUTCOME IN NONTRAUMATIC INTRACEREBRAL HEMORRHAGE** **221**
H. Magerova, I. Sarbochova, P. Jansky, M. Horejsi, L. Martinkovic, A. Tomek (Czech Republic)
- 18:40 IMPACT OF SEIZURES AND STATUS EPILEPTICUS ON HOSPITAL UTILIZATION, IN-HOSPITAL MORTALITY, PALLIATIVE CARE, HOSPITAL CHARGES AND LENGTH OF STAY AMONG INTRACEREBRAL HEMORRHAGE (ICH) PATIENTS** **222**
 M.R. Afzal, M.A. Qureshi, G. Rodriguez, R. Khatri, A. Maud, I.A. Qureshi, S. Cruz-Flores (USA)
- 18:45 DISCUSSION**

18:15 - 19:15

Poster Area

Poster Walk: Prevention

Chair: D. Skoloudik (Czech Republic)

Board
Number

- 18:15 RELEVANCE OF NEUROIMAGING ABNORMALITIES AND LONG-TERM STROKE RECURRENCE**

Y. Lee, K.W. Nam (Republic of Korea)

334
- 18:20 ABSENCE OF CONSISTENT DIFFERENCES IN OUTCOMES BY SEX IN EVA-3S, SPACE, ICSS AND CREST**

V. Howard, G. Howard, A. Algra, J. Becquemin, L. Bonati, R. Bulbulia, D. Calvet, H.H. Eckstein, G. Fraedrich, J. Gregson, A. Halliday, J. Hendrikse, O. Jansen, G. Roubin, M. Brown, J.L. Mas, P. Ringleb, T. Brott (USA)

335
- 18:25 CLINICAL SIGNIFICANCE OF PLATELET REACTIVITY MONITORING IN ACUTE ATHEROTHROMBOTIC STROKE: THE PRAISE STUDY**

H. Yamagami, K. Fukuma, K. Kamiyama, Y. Enomoto, E. Furui, Y. Manabe, M. Ezura, K. Toyoda, T. Miyata, K. Nagatsuka (Japan)

336
- 18:30 TRENDS IN THE PRESCRIPTION OF NOVEL ORAL ANTICOAGULANTS IN UK PRIMARY CARE**

S. Loo, S. Dell'Aniello, L. Huiart, C. Renoux (Canada)

337
- 18:35 DIRECT AND MODERATING EFFECTS OF RECENT LEISURE ACTIVITY PARTICIPATION UPON COGNITIVE FUNCTIONS AFTER STROKE OR TIA**

A. Wong, Y.P.S. Yiu, K.T. Leung, L. Shi, E.S.K. Lo, J. Abrigo, A. Lau, B.Y.K. Lam, V.C.T. Mok (Hong Kong S.A.R.)

338
- 18:40 THERAPEUTIC OUTCOMES POST-APPLICATION OF A COMPUTERISED ANTITHROMBOTIC RISK ASSESSMENT TOOL (CARAT) FOR THERAPEUTIC DECISION-MAKING IN A COHORT OF AUSTRALIAN PATIENTS WITH ATRIAL FIBRILLATION**

B. Bajorek, P. Magin, S. Hilmer, I. Krass (Australia)

339
- 18:45 DISCUSSION**

18:15 - 19:15

Poster Area

Poster Walk: Risk Factors

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Chair: A. Tomek (Czech Republic)	
18:15 INCIDENCE AND TRENDS OF CARDIOVASCULAR EVENTS AFTER STROKE: THE SOUTH LONDON STROKE REGISTER <u>C. Flach</u> , C. Wolfe, A. Rudd, S. Crichton, A. Douiri (United Kingdom)	350
18:20 THE INCREASED RISK OF STROKE IN OCCULT AND MANIFEST CANCER IS MAINLY CARRIED BY CANCERS RELATED TO SMOKING <u>K.K. Andersen</u> , T.S. Olsen (Denmark)	351
18:25 AN INVESTIGATION OF THE PREVALENCE OF AND RISK FACTORS FOR ASYMPTOMATIC CAROTID STENOSIS AMONG 2.4 MILLION US AND UK ADULTS D. Morris, P. Sherliker, R. Clack, H. Lam, J. Carter, A. Halliday, <u>R. Bulbulia</u> , S. Lewington (United Kingdom)	352
18:30 SHOULD WE SCREEN FOR JAK2 V617F MUTATION IN CEREBRAL VENOUS THROMBOSIS? <u>P. Palazzo</u> , M. Lamy, P. Agius, J.C. Chomel, J. Ciron, A. Berthomet, P. Ingrand, M. Puyade, J.P. Neau (France)	353
18:35 OBESITY PARADOX IN ACUTE ISCHEMIC STROKE: NEW CELLULAR AND CLINICAL EVIDENCES. E. Rodríguez-Castro, T. López-González, M. Rodríguez-Yáñez, M. Pérez-Mato, E. López-Arias, F. Campos, J. Castillo, <u>T. Sobrino</u> (Spain)	354
18:40 INTRACRANIAL ARTERIAL CALCIFICATION PREDICTS LONG-TERM STROKE AND OTHER CARDIOVASCULAR EVENTS IN CHINESE ADULTS <u>X.H. Wu</u> , L. Wang, T.W.H. Leung, J.X. Zhong, W.C.W. Chu, K.S. Wong, A. Jill, X.Y. Chen (Hong Kong S.A.R.)	355
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Poster Area

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Chair: D. Vaclavik (Czech Republic)

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18:15	PARAMEDIC ACCURACY REMAINS A SIGNIFICANT OBSTACLE FOR LVO TRIAGE SCALE OPERATIONALISATION	419
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	<u>S. Simsic</u> , A. Grecu, N. Ahmed, W. Nils, R. Mikulik (Czech Republic)	
18:30	INTER-HOSPITAL TRANSFER WORKFLOW IN ACUTE ISCHEMIC STROKE WITH LARGE VESSEL OCCLUSION: REAL-WORLD DATA IN THE ENDOVASCULAR ERA	422
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18:35	MOOD IMPAIRMENT AND PSYCHOLOGICAL ASSESSMENT IN REHABILITATION	423
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18:45	DISCUSSION	

18:15 - 19:15

Poster Area

Poster Walk: Stroke Prognosis

Chair: D. Sanak (Czech Republic)

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- 18:20 WHITE MATTER HYPERINTENSITIES DO NOT IMPACT SHORT-TERM OUTCOME IN MINOR CEREBROVASCULAR EVENTS** **495**
C. Zerna, A. Yu, J. Modi, E.E. Smith, S.B. Coutts (Canada)
- 18:25 BETWEEN CENTRE VARIATION IN THE DIAGNOSIS AND TREATMENT OF STROKE ASSOCIATED PNEUMONIA** **496**
B. Bray, C. Smith, L. Paley, A. Hoffman, P. Tyrrell, M. James, A. Rudd (United Kingdom)
- 18:30 DESCRIPTION OF OUTCOMES 3-4 YEARS POST MINOR ISCHAEMIC STROKE** **497**
C. McHutchison, V. Cvoro, S. Makin, F.M. Chappell, K. Shuler, D. Martin, J.M. Wardlaw (United Kingdom)
- 18:35 DOES LINKING THE AUSTRALIAN STROKE CLINICAL REGISTRY WITH ADMISSIONS DATA PROVIDE A BETTER EXPLANATION OF VARIABILITY IN STROKE RISK-ADJUSTED MORTALITY RATES?** **498**
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- 18:40 CLINICAL AND THERAPEUTIC DETERMINANTS OF SEIZURE RECURRENCE IN POST-STROKE EPILEPSY: A PROSPECTIVE COHORT STUDY** **499**
T. Tanaka, S. Abe, Y. Yamaguchi, F. Nakamura, H. Ishiyama, Y. Nakamura, T. Nakamura, T. Arimizu, S. Matsubara, K. Nagatsuka, K. Toyoda, M. Ihara (Japan)
- 18:45 DISCUSSION**

Official Journal of the
European Stroke Organisation

EUROPEAN STROKE JOURNAL

About the journal

The European Stroke Journal (ESJ) is a fully peer-reviewed journal, launched in 2016 covering clinical stroke research from all fields.

Editor-in-Chief Professor Bo Norrving, Lund University, Sweden, and Vice Editor Professor Didier Leys, University of Lille, France, invite you to find out more about the journal online and to submit your research to be considered for publication.



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3rd European Stroke Organisation Conference

16-18 May, 2017 | Prague, Czech Republic

A background image of a Prague street at dusk. The street is paved with cobblestones and lined with ornate street lamps that are glowing. In the background, there are silhouettes of historic buildings with domes and spires. On the left, there is a large silhouette of a statue. The overall atmosphere is serene and historical.

Poster Walk 2

Wednesday, 17 May



18:00 - 19:00

Poster Area

Poster Walk: Epidemiology

Chair: O. Skoda (Czech Republic)

Board
Number

- | | | |
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Chair: G. Ford (United Kingdom)

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Poster Walk: Imaging

Chair: J. Neumann (Czech Republic)

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18:00 - 19:00

Poster Area

Poster Walk: Rehabilitation

Chair: M. Walker (United Kingdom)

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Poster Area

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Chair: G. Tsvigoulis (Greece)

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3rd European Stroke Organisation Conference

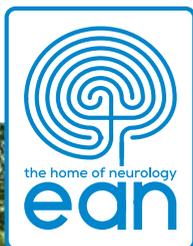
16-18 May, 2017 | Prague, Czech Republic

A background image of a Prague street at dusk. The street is paved with cobblestones and lined with ornate street lamps that are glowing. In the background, there are silhouettes of historic buildings, including a large dome and a tall spire. On the left, there is a silhouette of a statue of a man holding a child.

Poster Session 1

Tuesday, 16 May





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Tuesday, 16 May, 2017

ATRIAL FIBRILLATION, CARDIOEMBOLISM & HEART-BRAIN INTERACTIONS

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3rd European Stroke Organisation Conference

16-18 May, 2017 | Prague, Czech Republic

Recognition, Acknowledgements & Industry Support



Acknowledgements

The Organising Committee of the 3rd European Stroke Organisation Conference would like to express its gratitude and acknowledge the following companies and organisations for their generous support.

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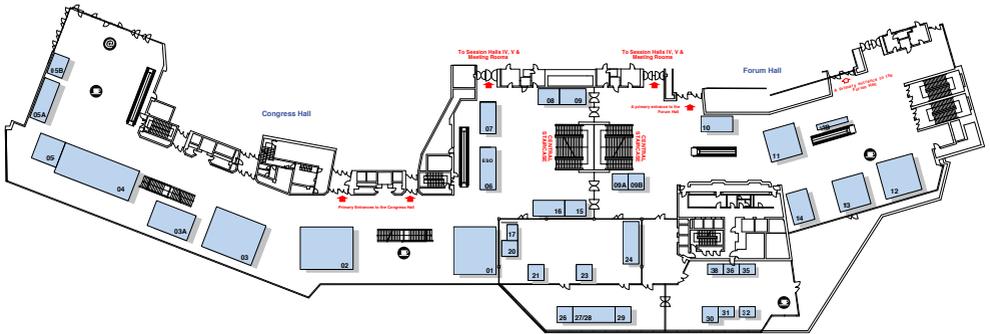


EXHIBITORS



Exhibition Map

SECOND FLOOR



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Industry Supported Sessions

TUESDAY 16 MAY, 2017

	Forum Hall	South Hall	Meeting Hall I	Panorama Hall	Meeting Hall IV
12:45-14:15	Boehringer Ingelheim	Amgen	Bayer AG	Daiichi Sankyo/MSD	Shire

WEDNESDAY 17 MAY, 2017

	Forum Hall	Meeting Hall I	Panorama Hall	Meeting Hall IV	Meeting Hall V
12:45-14:15	Boehringer Ingelheim	BMS/Pfizer	Penumbra	Stryker	Medtronic

THURSDAY 18 MAY, 2017

	Meeting Hall I	Meeting Hall IV
12:15-13:45	Ever Neuro Pharma	Mindmaze (12:15-13:15)

TUESDAY 16 MAY, 2017

ANTICOAGULATION CARE AND THE STROKE NEUROLOGIST: WHY NOAC REVERSAL MATTERS

SYMPOSIUM IS ORGANISED AND SUPPORTED BY



12:45-14:15

Forum Hall

Introduction: Why Does (N)OAC Reversal Matter to Us?

Stephen Davis, *Australia* (Co-Chair)

Optimizing Anticoagulation for Stroke Prevention

Ken Butcher, *Canada*

NOAC Reversal: What Features Matter for Stroke Neurologists?

Richard Bernstein, *USA*

Idarucizumab in Ich: Interactive Cases

Martin Grond, *Germany*

Idarucizumab and Thrombolysis in Ischaemic Stroke: Interactive Cases

Hans-Christoph Diener, *Germany* (Co-chair)

Panel Discussion and Q&A

Moderated by Stephen Davis (*Australia*) and Hans-Christoph Diener (*Germany*)

TUESDAY 16 MAY, 2017

PCSK9 INHIBITORS: UNMET NEEDS AND NEW APPROACHES FOR LIPID MANAGEMENT

SYMPOSIUM IS ORGANISED AND SUPPORTED BY



12:45-14:15

South Hall

Chair: Pierre Amarenco, *France*

Welcome. Where Are We Now?

Pierre Amarenco, *France*

Stroke and Cholesterol Management: How Low Could We Go?

Pierre Amarenco, *France*

PCSK9 Inhibitors: The Story So Far

George Ntaios, *Greece*

PCSK9 Inhibitors: The Latest Studies

Gaetano De Ferrari, *Italy*

PCSK9 Inhibitors: Are There Any Neurocognitive Signals?

Pierre Amarenco, *France*

Panel Discussion

All

Meeting Summary and Close

Pierre Amarenco, *France*

TUESDAY 16 MAY, 2017

ANTICOAGULATION WITH NOAC'S IN DAILY CLINICAL PRACTICE

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12:45-14:15

Meeting Hall I

Chair: Matthias Endres and Graeme Hankey

Opening

Matthias Endres (*Germany*) and Graeme Hankey (*Australia*)

Anticoagulation with NOAC – A New Chapter: Outcomes of RCT Reaffirmed in Daily Clinical Practice

David Hargroves, *UK*

Right Dose for The Right Patient

Hendrik Bonnemeier, *Germany*

Anticoagulation from The Perspective of Neurologists – A Practical Focus

Danilo Toni, *Italy*

Panel Discussion on Stage with Faculty

ALL

Closing

Graeme Hankey (*Australia*) and Matthias Endres (*Germany*)

TUESDAY 16 MAY, 2017

ATRIAL FIBRILLATION, STROKE AND BLEEDING: WHAT DO I NEED TO KNOW?

SYMPOSIUM IS ORGANISED AND SUPPORTED BY



MSD

and



Daiichi-Sankyo

12:45-14:15

Panorama Hall

Chair: Roland Veltkamp, *UK*

Welcome and Opening Remarks

Roland Veltkamp, *UK*

ESC Atrial Fibrillation Guidelines 2016 - The Perspective of a Cardiologist on Primary Stroke Prevention

Jonas Oldgren, *Sweden*

ESC Atrial Fibrillation Guidelines 2016 - The Perspective of a Neurologist on Secondary Stroke Prevention

László Szapáry, *Hungary*

Emerging Evidence in Secondary Stroke Prevention

Florian Masuhr, *Germany*

Intracranial Haemorrhage – The Most Feared Complication of Anticoagulation Therapy

Roland Veltkamp, *UK*

Round Table and Q&A

Florian Masuhr (*Germany*), Jonas Oldgren (*Sweden*) and László Szapáry (*Hungary*)

TUESDAY 16 MAY, 2017

DIFFERENTIAL DIAGNOSIS FOR STROKE: DON'T MISS OUT FABRY DISEASE

SYMPOSIUM IS ORGANISED AND SUPPORTED BY 

12:45-14:15

Meeting Hall IV

Introduction

Ricardo Reisin, *Argentina* (Co-chair) and C. Enzinger, *Austria* (Co-chair)

Vasculopathy and Cerebrovascular Complications: Reasons for Stroke in Fabry Disease

Ricardo Reisin, *Argentina*

Who to Screen for Fabry Disease?

Tobias Böttcher, *Germany*

Neuroimaging in Diagnosing Rare Neurological Diseases

Christian Enzinger, *Austria*

What the Heart Can Tell the Brain in Fabry Disease?

Ales Linhart, *Czech Republic*

Panel Q&A

All speakers

Closing Remarks

Ricardo Reisin, *Argentina* (Co-chair) and C. Enzinger, *Austria* (Co-chair)

WEDNESDAY 17 MAY, 2017

LEAVING A LEGACY IN STROKE CARE IN EUROPE: A COMMUNITY OF DEDICATED PROFESSIONALS IS CHANGING THE FACE OF STROKE IN EUROPE.

SYMPOSIUM IS ORGANISED AND SUPPORTED BY  **Boehringer
Ingelheim**

12:45-14:15

Forum Hall

Chairs: Valeria Caso (*Italy*) and Robert Mikulik (*Czech Republic*)

Angels Initiative – Update

Valeria Caso, *Italy*

Reducing in-hospital delays: clinical cases and simulation education

Risto Roine and Pauli Ylikotila, *Finland*. Presentation of case with door-to-needle time 6 minutes

Miro Brozman, *Slovakia*. Presentation of case with door-to-needle time 6 minutes 50 seconds

Robert Mikulik, *Czech Republic*. Presentation of simulation training to shorten door-to-needle time

Expansion of the Quality in Acute Stroke Care (QASC) into Europe

Sandy Middleton, *Australia*

NOR-TEST: New insights into thrombolysis

Lars Thomassen, *Norway*

Panel discussion

All

WEDNESDAY 17 MAY, 2017

MEDTRONIC SYMPOSIUM AT ESOC 2017

SYMPOSIUM IS ORGANISED AND SUPPORTED BY 

12:45-14:15

Meeting Hall V

Chair: Urs Fischer, *Switzerland*. Meeting Summary and close

Moderator: Urs Fischer, *Switzerland*

Regional pre-hospital organization: the catalan model

Antoni Dávalos, *Spain*

SWIFT DIRECT “In-hospital stroke treatment”

Jan Gralla, *Switzerland*

AF Detection Using Insertable Cardiac Monitors : A Call For Neurologists

Krassen Nedeltchev, *Switzerland*

Stroke and Spasticity: Stroke & spasticity : what is Targeted drug delivery?

Leopold Saltuari, *Austria*

Panel Discussion and Q&A

WEDNESDAY 17 MAY, 2017

STROKE MANAGEMENT AND PREVENTION IN AF: STATE OF THE ART IN 2017

SYMPOSIUM IS ORGANISED AND SUPPORTED BY



12:45-14:15

Meeting Hall I

Practical Challenges and Questions in Stroke Management in AF

Hans-Christoph Diener, *Germany*

Optimizing Stroke Prevention in AF: Findings from Clinical Practice to Complement Randomized Trials Data

Stefan Hohnloser, *Germany*

Acute Stroke Management in The Emergency Room

Didier Leys, *France*

Anticoagulation After an Acute Stroke

Hans-Christoph Diener, *Germany*

Secondary Stroke Prevention in AF: How Can NOACs Improve Patient Care?

Carlos Molina, *Spain*

Collating Evidence, Experience and Expert Insight

Didier Leys, *France*

WEDNESDAY 17 MAY, 2017

PENUMBRA SYMPOSIUM AT ESOC 2017

SYMPOSIUM IS ORGANISED AND SUPPORTED BY **Penumbra** 

12:45-14:15

Panorama Hall

Moderator: Paola Santalucia, Fondazione IRCCS Ospedale Maggiore Policlinico, Milan, *Italy*

Outcomes of Mechanical Thrombectomy Using the ADAPT Technique in a Large Real Life Multi-Centre Series

Bertrand Lapergue, Hôpital Foch, Suresnes, *France*

Initial Experience of the 3MAX Reperfusion Catheter as Frontline ADAPT Therapy to Treat Distal Occlusions in AIS

Jens Altenbernd, Knappschafts Krankenhaus, Recklinghausen, *Germany*

Cost Effectiveness Analysis Using the ADAPT Technique

Kyriakos Lobotesis, Charing Cross Hospital, London, *UK*

WEDNESDAY 17 MAY, 2017

**THE EVOLUTION OF STROKE TREATMENT
AND FUTURE DIRECTIONS**

SYMPOSIUM IS ORGANISED AND SUPPORTED BY **stryker**

12:45-14:15

Meeting Hall IV

The importance of Real World data in stroke

Priya Gaiha, *USA*

Mechanical Thrombectomy with stent-retriever: Analysis of 1,539 patients from the TREVO Registry

Antonin Krajina, *Czech Republic*

Thrombectomy REVascularization of large vessel Occlusion (TREVO Retriever Registry): Clinical outcomes beyond 6 hours

Raul Nogueira, *USA*

Mechanical Thrombectomy is cost-effective

Sanjeev Nayak, *UK*

STREAM: Multidisciplinary stroke team training improves results

Waltraud Pfeilschifter, *Germany*

THURSDAY 18 MAY, 2017

STROKE RECOVERY - PHARMACOLOGICAL TREATMENT CONCEPTS IN THE ACUTE AND SUB-ACUTE PHASE

SYMPOSIUM IS ORGANISED AND SUPPORTED BY



12:15-13:45

Meeting Hall I

Chairmen: Michael Chopp, *USA* and Michael Brainin, *Austria*

Special Acknowledgement: ESO-EAST - Achievements 2016 and Future Initiatives

Robert Mikulik, *Czech Republic*

New Rigorous Preclinical Trials of Cerebrolysin for Stroke

Michael Chopp, *USA*

Cerebrolysin's Evidence in Acute Stroke - A Clinical Review

Milan Vosko, *Austria*

Challenges and Opportunities in Motor Recovery

Dafin Muresanu, *Romania*

Stroke and Cognition

Michael Brainin, *Austria*

THURSDAY 18 MAY, 2017

RETHINKING POST-STROKE REHABILITATION & THE ROLE OF VR

SYMPOSIUM IS ORGANISED AND SUPPORTED BY 

12:15-13:15

Meeting Hall IV

Moderator: Valeria Caso, *Italy*

Neurorehabilitation and Stroke. Towards Patient Tailored Treatment

Friedhelm Christoph Hummel, *Switzerland*

Upper Limb Rehabilitation: Lessons from the Past and Perspectives for the Future

Nick Ward, *UK*

The MOVE-Rehab Study: MindMotionPRO Plus Standard Practice Versus Standard Practice in Early Post-stroke Upper-limb Rehabilitation

Jesse Dawson, *UK*

VR-based Neuro Rehabilitation: Vision for the MindMotion Product Family

Andrea Serino, *Switzerland*

Exhibitor & Supporter Company Profiles

American Heart Association/ American Stroke Association

7272 Greenville Avenue
Dallas
75231
USA
Booth #: 21

<http://professional.heart.org>

The American Heart Association/American Stroke Association – building healthier lives, free of cardiovascular diseases and stroke. Learn more about the AHA/ASA, its programs, and one of its journals – Stroke. Stroke is a top-ranked journal in its field and publishes articles focused on clinical and basic investigation of any aspect of the cerebral circulation and its diseases from many disciplines (neurology, neuropathology, neurosurgery, vascular surgery, rehabilitation, critical care medicine, vascular physiology, radiology, nursing). Visit <http://professional.heart.org> or <http://stroke.ahajournals.org>. “Like” our Facebook page (Stroke-AHA/ASA) or follow us on Twitter (@StrokeAHA_ASA). Review the latest journal metrics at <http://www.ahajournals.org/site/metrics>.



Amgen (Europe) GmbH

Dammstrasse 23
Zug
CH-6300
Switzerland
Booth #: 12
<http://www.amgen.com>



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Apoplex Medical Technologies GmbH

Delaware Avenue 1-3

Pirmasens

66953

Germany

Booth #: 07

<http://www.apoplexmedical.de/>

The company focuses its activities on the development of applications for the prevention of stroke caused by atrial fibrillation by an improved detection of paroxysmal atrial fibrillation. Several applications are already in use at medical practices and clinics, especially stroke units. The core of the products SRAdoc/SRA24 and SRAclinic is a fully automated detection of atrial fibrillation episodes and the identification of patients with an increased risk for paroxysmal atrial fibrillation with the help of a mathematical algorithm. The superiority of this method has been proven by clinical studies. The applications are web based and are easy and reliably integrated.



BALT

10 rue Croix Vigneron

MONTMORENCY

95160

France

Booth #: 17

<http://www.balt.fr>

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Bayer AG

Müllerstr. 178

Berlin

13353

Germany

Booth #: 02

<http://www.bayer.com>

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BMS Pfizer Alliance

Walton Oaks, Dorking Road, Walton on the Hill
Tadworth
KT20 7NS
UK
Booth #: 01
<http://www.pfizer.com>



In 2007, Pfizer and Bristol-Myers Squibb entered into a worldwide collaboration to develop and commercialize apixaban, an oral anticoagulant discovered by Bristol-Myers Squibb. This global alliance combines Bristol-Myers Squibb's long-standing strengths in cardiovascular drug development and commercialization with Pfizer's global scale and expertise in this field.

Boehringer Ingelheim GmbH

Binger Str. 173
Ingelheim
55216
Germany
Booth #: 03



<http://www.boehringer-ingelheim.com>

Boehringer Ingelheim is one of the world's 20 leading pharmaceutical companies. Boehringer Ingelheim led the way in stroke care by developing the only licensed blood clot dissolving treatment (thrombolytic) for acute ischaemic stroke therapy. The company also initiated the angels initiative: a programme that helps doctors to set up and optimise acute stroke networks with the support of local and international stroke societies. Boehringer Ingelheim was the first company to bring a non- Vitamin K oral anticoagulant to the market and has recently introduced the first specific reversal agent for an anticoagulant treatment. Visit www.boehringer-ingelheim.com for more information.

Boehringer Ingelheim GmbH

Binger Str. 173
Ingelheim
55216
Germany
Booth #: 03A



<http://www.boehringer-ingelheim.com>

Boehringer Ingelheim is one of the world's 20 leading pharmaceutical companies. Boehringer Ingelheim led the way in stroke care by developing the only licensed blood clot dissolving treatment (thrombolytic) for acute ischaemic stroke therapy. The company also initiated the angels initiative: a programme that helps doctors to set up and optimise acute stroke networks with the support of local and international stroke societies. Boehringer Ingelheim was the first company to bring a non- Vitamin K oral anticoagulant to the market and has recently introduced the first specific reversal agent for an anticoagulant treatment. Visit www.boehringer-ingelheim.com for more information.

Brainomix Ltd.

Suffolk House, Suites 11-14, 263 Banbury Road
Oxford
OX2 7HN
UK
Booth #: 05B
<http://www.brainomix.com>

Brainomix is an award-winning University of Oxford spin-out medical imaging company, developing and commercialising technology designed to transform and improve the treatment of stroke patients. Brainomix's vision is to become a world leader in imaging software to support clinical decision making, for neurological and cerebrovascular diseases. The company has developed the CE-marked imaging software, e-ASPECTS, which supports stroke physicians in fast, consistent diagnosis for ischemic stroke by automatically implementing the validated clinical scoring methodology, Alberta Stroke Programme Early CT Score (ASPECTS). Brainomix aims to help clinicians worldwide, in the timely identification of patients eligible for life saving treatment in stroke.



cereneo Schweiz AG

Seestrasse 18
Vitznau
6354
Switzerland
Booth #: 15
<http://www.cereneo.ch/en/home.html>

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Czech Stroke Society

K Rybníčku 1180
Mníšek pod Brdy
252 10
Czech Republic
Booth #: 09B
<http://www.cmp.cz>

Czech Stroke Society was founded as a part of Czech Neurological Society in 2002. We are a professional organization with more than 350 members. Our mission is to spread the knowledge of the most modern stroke treatments through providing professional and public education. We provide stroke treatment guidelines to the healthcare professionals. We educate lawmakers, policymakers and the public as we advocate for changes to protect our communities from the burden of stroke. Our society helped to the Czech Ministry of Health to design the stroke treatment network, which was launched in 2011.



Daiichi Sankyo Europe GmbH

Zielstattstrasse 48

Munich

81379

Germany

<http://www.daiichi-sankyo.eu>

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Ekso Bionics Europe GmbH

Tullastrasse 80

Freiburg

79108

Germany

Booth #: 10

<http://www.eksobionics.com>

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European Academy of Neurology

Breite Gasse 4/7

Vienna

1070

Austria

Booth #: 36

<http://www.ean.org>

The European Academy of Neurology was founded in June 2014. It was created by the former EFNS (European Federation of Neurological Societies) and ENS (European Neurological Society). EAN provides a go-to resource for everyone working in the fields of neurology and neuroscience and brings together national societies, institutions, clinicians and researchers and offer a forum for research, learning, networking and best practice for our patients. Our mission is to increase and share neurological excellence in Europe and worldwide. We wish to promote quality and work with the best clinicians, educators, and scientists and organise an annual congress.



EVER Neuro Pharma GmbH

Oberburgau 3
Unterach
4866
Austria
Booth #: 05
<http://www.everpharma.com>



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Gothenburg Convention Bureau: Göteborg & Co

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412 51
Sweden
Booth #: 09A



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Medtronic International Sàrl

Route de Molliau 31
Tolochenaz
1131
Switzerland
Booth #: 04
<http://europe.medtronic.com>



As a global leader in medical technology, services and solutions, Medtronic improves the lives and health of millions of people each year. We use our deep clinical, therapeutic and economic expertise to address the complex challenges faced by healthcare systems today. Let's take healthcare Further, Together. Learn more at Medtronic.com.

MEYTEC GmbH Medizinsysteme

Akazienstraße 13
Werneuchen OT Seefeld
D-16356
Germany
Booth #: 16
<http://www.vimed.de>



MEYTEC GmbH Medizinsysteme is a specialist tele-healthcare company, producing telemedical solutions under the VIMED® brand, for clinical establishments around the world. MEYTEC has developed pioneering bespoke solutions, using the digital transmission of medical data and images. MEYTEC's state-of-the-art products offer secure, real-time, face-to-face contact between medical experts and patients via audio-video communication irrespective of location. Pioneering projects such as TEMPiS (Bavaria), STEMO (Berlin) and VST (Australia), are testament to the evolution of MEYTEC's products, through the better understanding of, and in response to, the ever-increasing impact of stroke on the world's population.

MindMaze

Chemin de Roseneck 5
Lausanne
1006
Switzerland
Booth #: 09
<http://www.mindmaze.com>



MindMaze aims to revolutionize neuro rehabilitation by combining advanced brain monitoring with interactive 3D environments to develop the next generation of medical devices. MindMotion™ is our virtual reality based platform targeting improved rehabilitation post stroke and other neurological disorders. MindMotion™ PRO is a hospital-based solution for early motor rehabilitation that enables you to increase rehabilitation dose and intensity cost effectively. Simple setup decouples therapist time from desired therapy time. MindMotion™ GO is a portable solution to motivate and engage patients in their daily therapy and increase training in the chronic phase of recovery.

Moleac Pte Ltd

Helios #09-08, 11 Biopolis Way
Singapore
138667
Singapore
Booth #: 08
<http://www.moleac.com/>



Founded in 2003, Moleac is dedicated to developing innovative and high quality therapeutics in Neurology to supplement existing treatments for conditions where significant unmet needs remain. Its first product, NeuroAiD™ is a neurorestorative product that safely enhances recovery among patients who suffered a stroke or other brain injuries in the post-acute phase by amplifying the brain's repair processes. NeuroAiD™ is a natural product made of several plant extracts selected for their pharmacological effects, clinical efficacy and safety. The product is distributed in over 30 countries today and aims to be available to the greatest number of people in need of solutions.

MSD International GmbH

Weystrasse 20
Luzern
6006
Switzerland
<http://www.msd.com>



For 125 years, MSD has been a global health care leader working to help the world be well. MSD is a tradename of Merck & Co., Inc., Kenilworth, N.J., USA. Through our prescription medicines, vaccines, biologic therapies, and animal health products, we work with customers and operate in more than 140 countries to deliver innovative health solutions. We also demonstrate our commitment to increasing access to healthcare through far-reaching policies, programs and partnerships. For more information, visit www.msd.com.

Neuravi

Block 3, Ballybrit Business Park
Galway
H91 K5YD
Ireland
<http://www.neuravi.com>



Neuravi is dedicated to improving clinical outcomes for ischemic stroke patients. The company's ischemic stroke therapy platform, the EmboTrap® II Revascularization Device, is CE marked and commercially available in Europe. Through its investment in the Neuravi Thromboembolic Initiative (NTI), Neuravi supports collaboration between engineers, clinicians and researchers to deepen the understanding of clot and occlusion dynamics, in order to improve patient outcomes in stroke. Neuravi has recently been acquired by DePuy Ireland Unlimited Company, an affiliate of Codman Neuro which is part of the Johnson & Johnson Family of Medical Devices Companies. More information can be found at www.neuravi.com.

Nihon Kohden Europe GmbH



Raiffeisenstr. 10
Rosbach
61191
Germany
Booth #: 07
<http://www.nihonkohden.com>

Since Nihon Kohden foundation in 1951, our mission is to improve the quality of life with advanced technology. As a leading manufacturer of medical electronic equipment, Nihon Kohden provided a number of state of the art medical electronic equipment for clinical practice in the world. We are expanding our activities into emergency care, home care and health promotion. With the time, the structure of diseases in the society has changed. We respond to such changes and contribute to the world by Improving Healthcare with Advanced Technology.

Nutricia Advanced Medical Nutrition



Schiphol Boulevard 105
Amsterdam
1118 BG Schiphol Airport
Netherlands Antilles
Booth #: 14
<http://www.nutricia.com/>

Nutricia Advanced Medical Nutrition is a specialised business of Danone, focused on pioneering nutritional discoveries that help people live healthier and longer lives. Nutricia aims to establish medical nutrition as an integral part of healthcare, expanding Danone's mission to bring health through food to as many people as possible. Nutricia's extensive range of evidence-based nutrition products and services offer proven benefits and better patient outcomes. The company works with doctors and healthcare professionals in 40 countries to deliver better care and to lower the cost of care. Nutricia serves patients in hospitals, care home settings and in the community.

NUUBO



Calle Toronga 21, local 1
Madrid
28043
Spain
Booth #: 23
<http://www.nuubo.com>

NUUBO is the AF diagnostic & monitoring ECG wearable recorder, CE mark cleared, based on textile core sensor technology, accurate proprietary algorithms and smart software for speed analysis. It is designed, manufactured and commercialized by Smart Solutions Technologies. A company focused on innovative breakthrough technology for ECG dynamic monitoring.

Penumbra

Am Borsigturm 44
Berlin
13507
Germany
Booth #: 11

<http://www.penumbrainc.com>

Headquartered in Alameda, California, Penumbra, Inc. is a global interventional therapies company that designs, develops, manufactures and markets innovative medical devices. We have a broad portfolio of products that addresses challenging medical illness and significant clinical needs across two major markets, neuro and peripheral vascular. The conditions that our products address include, among others, ischemic stroke, hemorrhagic stroke and various peripheral vascular conditions that can be treated through thrombectomy and embolization procedures. Today, we have sales operations in North America, Europe, Australia, Asia, and South America.



PRECIOUS Trial

UMC Utrecht, Heidelberglaan 100
Utrecht
3584 CX
The Netherlands
Booth #: 31

<http://www.precious-trial.eu>

PRECIOUS Trial – PREvention of Complications to Improve OUTcome in elderly patients with acute Stroke: The EU-funded project PRECIOUS seeks to find out whether a pharmacological strategy to prevent complications after stroke can reduce the risk of death or long-term disability. PRECIOUS will recruit 3800 elderly patients in 80 hospitals to the study. Patients aged 66 years or older will be randomised to a strategy to prevent complications in the first four days of their hospitalisation, or to standard care.



SAGE Publishing

1 Oliver's Yard, 55 City Road
London
EC1Y 1SP
UK
Booth #: 32

<http://www.sagepublishing.com>

Sara Miller McCune founded SAGE Publishing in 1965 to support the dissemination of usable knowledge and educate a global community. SAGE publishes more than 1,000 journals and over 800 new books each year, spanning a wide range of subject areas. Our growing selection of library products includes archives, data, case studies and video. SAGE remains majority owned by our founder and after her lifetime will become owned by a charitable trust that secures the company's continued independence. Principal offices are located in Los Angeles, London, New Delhi, Singapore, Washington DC and Melbourne. www.sagepublishing.com



Shire International GmbH

Zahlerweg 10

Zug

6301

Switzerland

Booth #: 05A

<http://www.shire.com>

Shire is the leading global biotechnology company focused on serving people affected by rare diseases and highly specialized conditions. Based on our focus and dedication to helping patients suffering from Fabry disease, our aim at this congress is to raise awareness of this disease within the neurology community, specially stroke experts, to decrease the diagnosis delay, and provide more information about our product for this condition.



SITS International

c/o Karolinska Hospital, Stroke Research Unit, R2:03

Solna

17176

Sweden

Booth #: 27/28

<http://www.sitsinternational.org>

SITS (Safe Implementation of Treatment in Stroke) is a non-profit, research-driven, independent, international collaboration. It is an initiative by the medical profession to assure excellence in acute treatment and secondary prevention of stroke, as well as to facilitate clinical trials. SITS provides a registry for follow-up on thrombolysis treatment in acute ischemic stroke. SITS has continued development of its services to enable follow-up of other evidence-based treatments in acute stroke such as thrombectomy, as well as secondary prevention.



Stroke Alliance for Europe

SAFE Secretariat, 240 City Road

London

EC1V 2PR

UK

Booth #: 20

<http://www.safestroke.eu>

The Stroke Alliance for Europe (SAFE) is an umbrella non-profit organization that represents a range of patient groups from across Europe whose mutual goal is to drive stroke care up the European political agenda. SAFE's goal is to decrease the number of strokes in Europe by advocating for better prevention, access to adequate treatment, post-stroke care and rehabilitation. For SAFE, the whole pathway of stroke care is equally important. Therefore SAFE is working with stroke professionals, stroke commercial organisations, politicians and decision makers to improve stroke care, by ensuring the patient and carers' voice is heard.



Stroke Association

240 City Road,
London
EC1V 2PR
UK

Booth #: 26

<http://stroke.org.uk>

Stroke Association is the leading charity in the UK changing the world for people affected by stroke. At the Stroke Association we believe that strokes can and should be prevented. We believe that everyone has the right to make the best recovery they can from stroke. We believe in the power of research to save lives and ensure people make the best recovery they can. And ultimately, we believe that together we can change the world for people affected by stroke. If you share our beliefs, then please do join with us. Together we can conquer stroke.



Stryker

47900 Bayside Parkway
Fremont
94538
USA

Booth #: 13

<http://www.strykerneurovascular.com>

Stryker's Neurovascular division strives to propel the field of stroke care through continuous, purposeful innovation that powers meaningful outcomes. Focused on advancing the practice of less invasive stroke therapies through its Complete Stroke Care solutions, Stryker is dedicated to providing best-in-class solutions for ischemic and hemorrhagic stroke care, education and clinical support. Products include: stent retriever, detachable coils, stents, balloons, guidewires and microcatheters.



The European Stroke Organisation (ESO)

P.O. Box
Basel
4002
Switzerland
Booth #: 06

<http://www.eso-stroke.org>

The European Stroke Organisation (ESO) is a pan-European society of stroke researchers and physicians, national and regional stroke societies and lay organisations that was founded in December 2007. The ESO's major objective is to improve stroke care in Europe by providing medical education to healthcare professionals and the lay public in Europe. By offering best practice approaches, the ESO's goal is to harmonise stroke management in Europe. The ESO focuses on European level projects. ESO has many proven educational, political and scientific activities such as the development of European Guidelines, Summer & Winter School and European Stroke Science workshop.



UCL Stroke Research Centre

Institute of Neurology, University College London Box 6,
The National Hospital Queen Square
London, WC1N 3BG
UK

Booth #: 29

<http://s489637516.websitehome.co.uk/ECST2/index2.htm>

The Second European Carotid Surgery Trial (ECST-2) is a multi-centre randomized trial designed to see if improvements in drug therapy have reduced the need for carotid surgery to prevent stroke caused by atherosclerotic carotid stenosis. Patients are randomized to receive optimised medical therapy alone or in combination with immediate revascularisation. It is organized by UCL Stroke Research Centre, an academic team in the Department of Brain Repair and Rehabilitation at UCL Institute of Neurology and led by Professor Martin M Brown. ECST-2 is currently actively enrolling new centres. MR Plaque Imaging is performed as a sub study in ECST-2.



University of Nottingham

Division of Stroke, Hucknall Road, City Hospital Campus,
Nottingham
NG5 1PB
UK

Booth #: 38

<http://www.nottingham.ac.uk>

The University of Nottingham Stroke Trials Team co-ordinate the TARDIS (Triple Antiplatelets for Reducing Dependency after Ischaemic Stroke), TICH-2 (Tranexamic Acid for IntraCerebral Haemorrhage) and RIGHT-2 (Rapid Intervention with Glyceryl trinitrate in Hypertensive stroke Trial) trials. TICH-2 is recruiting in the UK and Internationally until 2018 (target 2000 participants). RIGHT-2 is a UK ambulance-based trial recruiting in the UK and will run until 2018 (target 850 participants). The primary outcome of all trials is shift in death or dependency (modified Rankin Scale) at day 90.



WAKE-UP

Martinstraße 52
Hamburg
20246
Germany

Booth #: 30

<http://www.wakeup-stroke.eu>

WAKE-UP is a European multicentre investigator-initiated randomized placebo-controlled clinical trial of MRI based thrombolysis in acute stroke patients with unknown time of symptom onset, e.g. due to recognition of stroke symptoms on awakening. The objective of WAKE-UP is to test efficacy and safety of MRI-based intravenous thrombolysis with Alteplase in patients waking up with stroke symptoms or patients with unknown symptom onset. By this, WAKE-UP aims at providing a new safe and effective treatment option for acute stroke patients waking up with stroke symptoms.



Wisepress Medical Bookshop

15 Lyon Road, Merton
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SW19 2RL
UK

Booth #: 11B

<http://www.wisepress.com>

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World Stroke Organization

Rue François Versonnex 7
Geneva
1207

Switzerland

Booth #: 35

<http://www.world-stroke.org>

The World Stroke Organization (WSO) is the world's leading organization in the fight against stroke. It was established in October 2006 through the merger of the International Stroke Society and the World Stroke Federation with the purpose of creating one world voice for stroke. Today, WSO has more than 4000 individual members and over 60 society members from 85 different countries.



Anticoagulation care and the stroke neurologist: why NOAC reversal matters

Faculty: HC Diener, S Davis, R Bernstein, K Butcher and M Grond

12:45–14:15, Tuesday 16 May 2017

Forum Hall, Level 2

Join us to learn about the latest developments for the management of patients on NOACs, including:

- How might the choice of NOAC affect patients with AF in the future?
- How can oral anticoagulant use be further optimized in neurology settings?
- Why should stroke neurologists care about NOAC reversal?
- What factors need to be considered when selecting a reversal agent?
- How does NOAC reversal affect the management of ICH and acute ischaemic stroke?

This symposium will encourage audience interaction throughout, allowing you to participate through keypad voting and a dedicated question and answer session.





ESOC 2017

Tuesday 16 May 2017

12.45 – 14.15

Meeting Hall I

(lunch will be provided)

Join us at the Bayer Satellite Symposium

Visit the
Bayer booth

#02

Stroke management and prevention in AF: state of the art in 2017

Wednesday, 17th May

12:45–14:15

Meeting Hall 1

The Prague Congress Center

Chair

Hans-Christoph Diener

Speakers

Stefan Hohnloser

Didier Leys

Carlos Molina



Join the BMS/Pfizer Alliance for an educational symposium exploring the unanswered questions and current clinical challenges in stroke management.

Agenda

Time	Title
12:45-12:50	Practical challenges and questions in stroke management in AF
12:50-13:10	Optimising stroke prevention in AF: findings from clinical practice to complement randomised trials data
13:10-13:30	Acute stroke management in the emergency room
13:30-13:45	Anticoagulation after an acute stroke
13:45-14:05	Secondary stroke prevention in AF: How can NOACs improve patient care?
14:05-14:15	Collating evidence, experience and expert insight

AF: Atrial Fibrillation
NOAC: Non-vitamin K Antagonist Oral Anticoagulant

Symposium is fully organised and funded by:



Bristol-Myers Squibb



Date of Prep: March 2017 PP-ELI-EUR-0609

INVITATION

Every 30 minutes a stroke patient dies or is permanently disabled because they were treated in the wrong hospital.

PLEASE JOIN US AT OUR SYMPOSIUM

The Angels initiative in Europe is committed to increasing the number of stroke ready hospitals and optimising the quality of all existing stroke centres.

The ESO Conference marks a year since the launch of Angels, and we are thrilled with the progress we have made so far. **Over 500 hospitals have registered** and as we gain momentum we are confident there will be an even greater increase in the coming year.

Let's continue to work together every day to **save 100,000 lives**.*

SEE YOU IN PRAGUE!

* Death and disability



'LEAVING A LEGACY IN STROKE CARE IN EUROPE'

Chaired by *Valeria Caso* and *Robert Mikulik*, taking place on

**WEDNESDAY 17 MAY
FROM 12:45-14:15**

FORUM HALL, LEVEL 2

And come and join us on the Angels booth in the exhibition hall to learn all about our exciting new activities that are changing the face of stroke in Europe.



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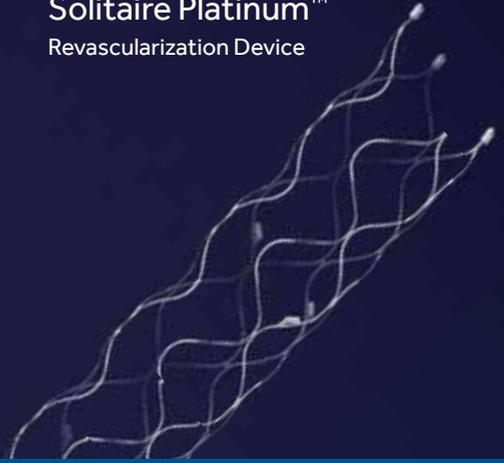


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THE STANDARD
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TOGETHER.**

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Further, Together

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Patients with dysphagia may require a texture-modified diet to ensure a safer swallow.

Nutlis Clear is an advanced thickening powder that does not change the taste, transparency or appearance of thickened foods or drinks, and is amylase resistant so thickened foods and drinks retain consistency, helping dysphagia patients with a safer swallow.

Preparing foods and drinks with Nutlis Clear helps dysphagia patients to not only take in adequate nutrition and hydration, but to also relax and enjoy mealtimes again.



Alda, 54, cares for her mother who suffers from dysphagia following a stroke in 2012.



Nutlis is a food for special purposes for the dietary management of dysphagia and must be used under medical supervision.

NUTRICIA
Nutlis
clear

Satellite symposium at ESOC 2017

PCSK9 inhibitors: unmet needs and new approaches for lipid management

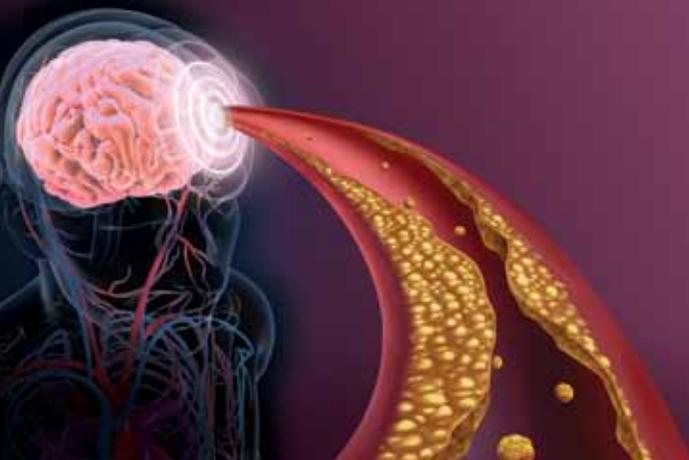
Tuesday 16 May 2017, 12.45–14.15

South Hall, Prague Congress Centre (PCC), Prague, Czech Republic

PROGRAMME

Chair: Pierre Amarencu, France

12.45–12.50	Welcome. Where are we now?	Pierre Amarencu France
12.50–13.05	Stroke and cholesterol management: how low could we go?	Pierre Amarencu France
13.05–13.30	PCSK9 inhibitors: the story so far	George Ntaios Greece
13.30–13.50	PCSK9 inhibitors: the latest studies	Gaetano De Ferrari Italy
13.50–14.00	PCSK9 inhibitors: are there any neurocognitive signals?	Pierre Amarencu France
14.00–14.10	Panel discussion	All
14.10–14.15	Meeting summary and close	Pierre Amarencu France



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Cardiovascular

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CH-6300 Zug
Switzerland
www.amgen.com
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Stroke Recovery – Pharmacological Treatment Concepts in the acute and sub-acute phase

Thursday, 18 May 2017, 12:15-13:45 (Meeting Hall I)

Chairman: Michael Chopp, USA

Special Acknowledgement:
ESO-EAST - Achievements 2016 and future initiatives
Robert Mikulik, Czech Republic

- **New rigorous preclinical trials of Cerebrolysin for stroke**
Michael Chopp, USA
- **Cerebrolysin's evidence in acute stroke - a clinical review**
Milan Vosko, Austria
- **Challenges & Opportunities in Motor Recovery**
Dafin Muresanu, Romania
- **Stroke and Cognition**
Michael Brainin, Austria

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Neurorehabilitation after Stroke - by Austrian rehabilitation experts

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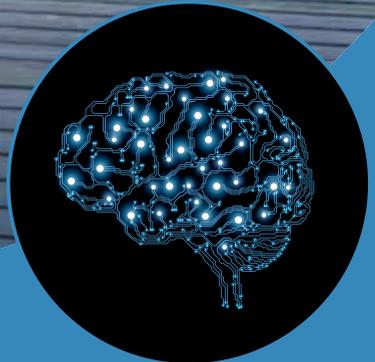
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You can change
how you choose
to treat stroke.



Penumbra Symposium at ESOC 2017

Wednesday, 17 May • 12:45–14:15

Panorama Hall

Moderator: Dr. Paola Santalucia

Fondazione IRCCS Ospedale Maggiore Policlinico, Milan, Italy

**Outcomes of Mechanical Thrombectomy
Using the ADAPT Technique in a Large
Real Life Multi-Centre Series**

Dr. Bertrand Lapergue

Hôpital Foch, Suresnes, France

**Initial Experience of the 3MAX Reperfusion
Catheter as Frontline ADAPT Therapy to
Treat Distal Occlusions in AIS**

Dr. Jens Altenbernd

Knappschafts Krankenhaus, Recklinghausen, Germany

**Cost Effectiveness Analysis Using
the ADAPT Technique**

Dr. Kyriakos Lobotesis

Charing Cross Hospital, London, UK



Penumbra 

www.penumbrainc.com

Product availability varies by country. Prior to use, please refer to the Instructions for Use for the Penumbra System and Penumbra Pump MAX for complete product indications, contraindications, warnings, precautions, potential adverse events and detailed instructions for use.

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ESOC 2018

4th European Stroke Organisation Conference

16-18 May 2018 | Gothenburg, Sweden

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www.eso-conference.com