

PROGRAMME

ESC HEART & STROKE 2020

• The international conference of the ESC Council on Stroke



A conference promoting the interaction among cardiologists, neurologists and all those with an interest in stroke.

Get an update on the latest clinical science, new trial data and state-of-the-art treatments in the field of heart and stroke.

24 – 25 January
Barcelona



• www.escardio.org/heart-stroke

Friday, 24 January

- 09.00-09.15** **Welcome and introduction** **Room MR10**
 Wolfram Doehner (Germany) and Jan Kovac (United Kingdom)
- 09.15-10.15** **PLENARY SESSION 1** **Room MR10**
Hot Line Clinical Trials Reflections
Chairpersons: Alison Halliday (United Kingdom) and Natan Bornstein (Israel)
- 09.15-09.27 Update from ESOC and WSC
Natan Borstein (Israel)
- 09.27-09.39 Update from ESC
Petr Widimsky (Czech Republic)
- 09.39-09.51 Update from AHA
Sven Wassmann (Germany)
- 09.51-10.15 Discussion
- 10.15-11.15** **Coffee break and Poster session 1 (P1F to P42F)** **Room MR11**
- 11.15-12.35** **JOINT SESSION** **Room MR10**
ESC Council on Stroke and ESC Council for Cardiology
Practice: stroke work-up
Chairpersons: Marc Ferrini (France) and Marta Rubiera (Spain)
- 11.15-12.05** **Great debate Pro/Contra I: Tracking arrhythmias**
- 11.15-11.25 Tracking arrhythmias after Stroke – Implantable devices, Yes
Afzal Sohaib (United Kingdom)
- 11.25-11.35 Tracking arrhythmias after Stroke – Implantable devices, No
Hein Heidbuchel (Belgium)
- 11.35-11.45 Discussion
- 11.45-12.00 AF and Implantable devices: which AF definition to characterize the risk?
Afzal Sohaib (United Kingdom)
- 12.00-12.05 Discussion
- 12.05-12.35** **Great debate Pro/Contra I: Looking for the source: the Heart**
- 12.05-12.15 TEE in the work-up is mandatory: Yes
Wolfgang Doehner (Germany)
- 12.15-12.25 TEE in the work-up is mandatory: No
George Ntaios (Greece)
- 12.25-12.35 Discussion
- 13.15-14.15** **LUNCH INDUSTRY SATELLITE SYMPOSIUM BY BAYER** **Room MR10**
Optimizing care for patients with AF: Think kidney, protect the brain, it's the heart of the matter
- 13.15-13:20 Welcome and introduction
Wolfram Doehner (Germany)
- 13.20-14:10 Anticoagulation in a patient with AF and co-morbid diabetes and renal function decline:
 A case-based approach
Craig Coleman (United States)
Marcelo Sanmartin Fernandez (Spain)
- 14.10-14:15 Closing remarks
Wolfram Doehner (Germany)
- 12.35-14.30** **Lunch break and poster viewing** **Room MR11**

14.30-15.00	KEYNOTE LECTURE Is there a future for the ESUS concept? Hans-Christoph Diener (Germany) <i>Chairpersons: Petr Widimsky (Czech Republic) and Jan Kovac (United Kingdom)</i>	Room MR10
15.00-16:40	SCIENTIFIC SESSION 1 How-to -session: Acute stroke reperfusion <i>Chairpersons: Peter Vajkoczy (Germany), Christophe Cognard (France) and Dmitry Skrypnik (Russia)</i>	Room MR10
	15.00-15.15 Patient selection incl. imaging and interhospital transfers Marc Ribo (Spain) 15.15-15.20 Discussion 15.20-15.30 Thrombolysis, heparin, aspirin, other antithrombotic drugs Petr Widimsky (Czech Republic) 15.30-15.35 Discussion 15.35-15.45 Guiding catheters, stent-retrievers, aspiration catheters, techniques Christophe Cognard (France) 15.45-15.50 Discussion 15.50-16.00 Analysis of Angiograms and its pitfalls Christophe Cognard (France) 16.00-16.05 Discussion 16.05-16.15 Periprocedural patient care: What is the blood pressure optimal target? Thomas Kahan (Sweden) 16.15-16:20 Discussion 16.20-16.35 Complications and their management Peter Vajkoczy (Germany) 16.35-16.40 Discussion	
16:40 - 17:40	Coffee break and Poster session 2 (P43F to P85F)	Room MR11
17.40-18.40	SCIENTIFIC SESSION 2 Complex stroke patient management <i>Chairpersons: Magnus Back (Sweden) and Jean-Claude Barthelemy (France)</i>	Room MR10
	17.40-17.55 CV outcome after stroke – what do patients die from? Mikhail Loukianov (Russia) Discussion 17.55-18.10 Cancer and Stroke: not a so strange liaison Iris Parrini (Italy) Discussion 18.10-18.25 Stroke in the elderly: specificities and challenges Marc Ferrini (France) Discussion 18.25-18.40 Management of a stroke patient with Heart Failure Wolfram Doehner (Germany) Discussion	
19.00-20.30	Networking event and poster viewing	Room MR11

Saturday, 25 January

09.00-10.00	SCIENTIFIC SESSION 3 Interventions for secondary prevention <i>Chairpersons: Markus Schwerzmann (Switzerland)</i>	Room MR10
	<p>09.00-09.15 LAA occlusion – Should we treat patients at high thrombotic risk? Apostolos Tzikas (Greece) Discussion</p> <p>09.15-09.30 Which anti-thrombotic treatment after TAVI? Viktor Kocka (Czech Republic) Discussion</p> <p>09.30-09.45 PFO Closure: Tips and tricks Jan Kovac (United Kingdom) Discussion</p> <p>09.45-10.00 Ablation for atrial fibrillation: can it really prevent stroke? Pavel Osmancik (Czech Republic) Discussion</p>	
10.00-10.45	Coffee break and Poster session 3 (P1S to P43S)	Room MR11
10.45-11.45	SCIENTIFIC SESSION 4 Great debate Pro/Contra II : Carotid stenosis challenges <i>Chair persons: Wolfram Doehner (Germany), Christophe Cognard (France) and Dmitry Skrypnik (Russia)</i>	Room MR10
	<p>10.45-10.55 Carotid revascularization: Surgery is usually the best option Alison Halliday (United Kingdom)</p> <p>10.55-11.05 Carotid revascularization: Stenting is the least invasive option Peter Lanzer (Germany)</p> <p>11.05-11.15 Discussion</p> <p>11.15-11.25 Combined Carotid and Cardiac surgery : Yes Barbara Rantner (Austria)</p> <p>11.25-11.35 Combined Carotid and Cardiac surgery : No Martin Czerny (Switzerland)</p> <p>11.35-11.45 Discussion</p>	
12.00-14.00	Free time for lunch and poster viewing	Room MR11
14.00-15.30	WORKSHOP SESSION Clinical cases and Guidelines	
	<p>WORKSHOP 1 Infective endocarditis: Choosing the best timing for surgery Gilbert Habib (France) and Martin Czerny (Switzerland)</p> <p>WORKSHOP 2 PFO closure: for which patient? Jan Kovac (UK) and Markus Schwerzmann (Switzerland)</p> <p>WORKSHOP 3 Which antithrombotic therapy after a TIA or minor stroke? Sven Wassmann (Germany) and Marta Rubiera (Spain)</p>	<p>Room MR10</p> <p>Room MR05</p> <p>Room MR06</p>
15.30-16.00	PLENARY SESSION Summary and take home Wrap-up of Workshops, Workshop leaders, Summary and concluding remarks Wolfram Doehner (Germany)	Room MR10

Accreditation

The conference has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 9 European CME credits (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Through an agreement between the Union Européenne des Médecins Spécialistes 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/education/earn-credit-participation-international-activities.

Live educational activities, occurring outside of Canada, recognized by the UEMS-EACCME® for ECMEC®s 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.”



Endorsement

This meeting is endorsed by the European Stroke Organization. It is open to all who are interested in cerebrovascular diseases.



List of posters

Poster session 1

Friday, 24 January, 10.15-11.15, Room MR11

P01F | CT perfusion changes without arterial occlusion in acute neurological deficits

Juan Luis Chico García¹, Fernando Rodríguez Jorge¹, Álvaro Beltrán Corbellini¹, Paloma Parra Díaz¹, Ana Gómez López¹, Elena Natera Villalba¹, Arantxa Sánchez Sánchez¹, Victoria Ros Castello¹, Consuelo Matute Lozano¹, Alicia Felipe Mimblera¹, Rocío Vera Lechuga¹, Jaime Masjuán Vallejo¹, Antonio Cruz Culebras¹

¹Hospital Ramón Y Cajal, Madrid, Spain

P02F | Carotid revascularization of critical occlusive carotid disease

Sergey Zagarov¹, Marina Vishnyakova¹, Roman Larkov¹, Yuri Kolesnikov¹, Rodion Shilov¹

¹Moscow Regional Research and Clinical Institute, Moscow, Russian Federation

P03F | Dual antiplatelet therapy in high risk patients with TIA or minor stroke

Fernando Rodríguez Jorge¹, Sebastian Garcia-Madrona¹, Alvaro Beltran Corbellini¹, Juan Luis Chico Garcia¹, Paloma Parra Diaz¹, Victoria Ros Castello¹, Arantxa Sanchez Sanchez¹, Ana Gomez Lopez¹, Consuelo Matute Lozano¹, Rocio Vera¹, Antonio Cruz Culebras¹, Alicia De Felipe Mimblera¹, Dr Jaime Masjuan Vallejo¹

¹Hospital Universitario Ramon Y Cajal, Madrid, Spain

P04F | Ischemic stroke during a myocardial infarction: early invasive strategy is a guarantee of successful treatment

Svetlana Moskalenko¹, A.I. Analeev¹, A.V. Lebedev¹, I.G. Kolchy¹

¹Mytishchi city hospital, Mytishchi, Russian Federation

P05F | Acute hypertensive response in ischemic stroke or TIA patients

Yong-jae Kim¹, Jung Eun Yi¹

¹The Catholic University Of Korea, Seoul, Seoul, South Korea

P06F | Pulse Wave Velocity in patients with Hypertensive Urgency

Vamsi Varahabhatla¹, Ingrid Prkačin², Juraj Jug², Lucija Bilinovac², Iva Krajnović²

¹Zaporizhzhya State Medical University, Zaporizhzhya, Ukraine, ²School of Medicine, University of Zagreb, Zagreb, Croatia

P07F | Not all unilateral weakness are stroke and rare case of venous sinus thrombosis

May Thant¹, Igwe Chukwuemeka

¹University Hospital Of Derby And Burton, Burton-on-trent, United Kingdom

P08F | Active Monitoring for Atrial Fibrillation (AMALFI): protocol and pilot from a mail-based randomized trial of screening for subclinical atrial fibrillation in high-risk individuals

Guilherme Pessoa-Amorim^{1,2}, Barbara Casadei¹, Nicholas Jones³, Christine A'Court³, Richard Bulbulia², Georgina Buck², Louise Bowman²

¹Division of Cardiovascular Medicine - Radcliffe Department of Medicine, University Of Oxford, Oxford, United Kingdom, ²Clinical Trial Service Unit - Nuffield Department of Population Health, University of Oxford, Oxford, United Kingdom, ³Nuffield Department of Primary Care Health Sciences, Oxford, United Kingdom

P09F | Serial magnetic resonance imaging after electrical cardioversion of recent onset atrial fibrillation in anticoagulant-naïve patients – a prospective study exploring clinically silent cerebral lesions

Panagiotis Arvanitis¹, Anna Karin Johansson², Mats Frick², Helena Malmberg¹, Elna-Marie Larsson³, Carina Blomström-Lundqvist¹

¹Uppsala University, Department of Medical science and Cardiology, Uppsala University Hospital, Uppsala, Sweden, ²Stockholm South General Hospital, Department of Cardiology, Stockholm, Sweden, ³Department of Surgical Science, Radiology, Uppsala University, Sweden

P10F | Machine learning approaches for prediction of 1-year risk of major bleeding events in anticoagulated atrial fibrillation patients in Wales.

Fatemeh Torabi^{1,2}, Arron Lacey^{1,2}, Ashley Akbari^{1,2}, Daniel Harris^{1,2,3}, Ronan A Lyons^{1,2}, Mike Gravenor¹, Julian Halcox^{1,2,3}

¹Swansea University, Swansea, UK, ²Health Data Reserch, UK, ³Swansea Bay University Health Board, Swansea, UK

P11F | Sternal Wound Infection and Risk of Atrial Fibrillation in Patients undergoing Cardiac Surgery

Stefania Sacchi¹, Marco Chiostrì², Alessandra Bonaccorso¹, Davide Schiavi¹, Maria Avitabile¹, Francesco Maranta¹, Carlo Meloni¹, Maria Grazia Pala¹, Elisabetta Lapenna¹, Michele De Bonis¹, Alessandro Castiglioni¹, Ottavio Alfieri¹, Domenico Cianflone¹
¹San Raffaele University Hospital, Milan, Italy, ²University of Florence, Florence, Italy

P13F | Regression Tree Algorithm to Select Patients for Early Holter Monitoring: Large Vessel Occlusion plus Enlarged Left Atria to Detect AF

Jorge Pagola¹, Jesus Juega¹, Jaume Francisco-Pascual², Alejandro Bustamante³, Anna Penalba³, Elena Pala³, Maite Rodriguez¹, Mercedes De Lera Alfonso⁴, Juan Arenillas⁴, Juan Antonio Cabezas⁵, Francisco Moniche⁵, Reyes de Torres⁵, Joan Montaner⁵, Teresa González-Alujas⁶, Carlos Molina¹
¹Stroke Unit, Vall d'Hebrón Hospital, Barcelona, Spain, ²Arrhythmia Unit-Cardiology Department, Vall d'Hebrón Hospital, Spain, ³Neurovascular Research Lab, Vall d'Hebrón Research Institute, Spain, ⁴Stroke Unit, University Hospital of Valladolid, Spain, ⁵Stroke Unit, University Hospitals Virgen Macarena-Virgen del Rocío, Spain, ⁶Echocardiography Lab Cardiology Department, Vall d'Hebrón Hospital, Spain, Barcelona, Spain

P15F | Cardio embolic stroke in heart failure: a retrospective study of demographics, clinical profile, risk factors and outcome in a tertiary care hospital

Amreen Dhindsa¹, Harinder K Bali¹, Rajat Sharma², Harpreet S Mann²
¹Paras Hospital Panchkula, Chandigarh, India, ²Fortis Hospital Mohali, Chandigarh, India

P16F | Development and internal validation of a prediction score for 10-year ischaemic stroke mortality

Weronika Szlachetka¹, David McLernon², Tiberiu Pana¹, Joao Bettencourt-Silva^{3,4}, Anthony Metcalf³, Mamas Mamas⁵, John Potter^{6,7}, Phyo Myint^{1,6,7,8}
¹Ageing Clinical and Experimental Research Team, Institute of Applied Health Sciences, School of Medicine, Medical Sciences & Nutrition, University of Aberdeen, Aberdeen, United Kingdom, ²Medical Statistics Team, Institute of Applied Health Sciences, School of Medicine, Medical Sciences & Nutrition, University of Aberdeen, Aberdeen, United Kingdom, ³Norwich Medical School, University of East Anglia, Norwich, United Kingdom, ⁴Clinical Informatics, Department of Medicine, University of Cambridge, Cambridge, United Kingdom, ⁵Keele Cardiovascular Research Group, Centre for Prognosis Research, Institute for Primary Care and Health Sciences, Keele University, Stoke-on-Trent, United Kingdom, ⁶Norfolk and Norwich University Hospital, Norwich, United Kingdom, ⁷Norwich Cardiovascular Research Group, Norwich Medical School, University of East Anglia, Norwich Research Park, Norwich, United Kingdom, ⁸Aberdeen Royal Infirmary, NHS Grampian, Aberdeen, United Kingdom

P17F | The Challenge – Patient with Embolic Stroke of Unknown Source (ESUS)

Vesela Todorova¹, Antoniya Kisheva²
¹Medical University of Varna, Varna, Bulgaria, ²Department of Internal Medicine, Varna, Bulgaria

P18F | Direct cost related to stroke in a European country: a longitudinal analysis

Gianluca Pucciarelli¹, Paola Rebora², Dr Maeregu Arisido², Dr Davide Ausili², Professor Ercole Vellone¹, Professor Rosaria Alvaro¹
¹University Of Rome Tor Vergata, Rome, Italy, ²University of Milano-Bicocca, Milan,

P19F | A comparison of stroke in young and older adults admitted at a large tertiary hospital in Tanzania

Sarah Matuja¹, Khuzeima Khanbhai², Patricia Munseri³
¹Catholic University Of Health And Allied Sciences Mwanza Tanzania, Mwanza, Tanzania, ²Jakaya Kikwete Cardiac Institute Dar es Salaam Tanzania, ³Muhimbili University of Health and Allied Sciences Dar es Salaam Tanzania.

P20F | Plasma amyloid- β monomers and the risk of clinical cardiovascular disease in the general population: the Rotterdam Study

Frank Wolters¹, Saima Hilal¹, Maarten Leening^{1,2}, Kamran Ikram¹, Maryam Kavousi¹, Albert Hofman², Peter Koudstaal¹, Oscar Franco¹, Arfan Ikram¹
¹Erasmus MC, Rotterdam, Netherlands, ²Harvard TH Chan School of Public Health, Boston, United States of America

P21F | Embolism of the heart as a cause of stroke-case series

Jelena Jovanić^{1,2}, Dijana Trninić¹, Siniša Kovačević¹
¹University Clinical Centre of Republic of Srpska, Cardiology department, Banja Luka, Bosnia and Herzegovina, ²Faculty of medicine, University of Banja Luka, Banja Luka, Bosnia and Herzegovina

P23F | Carotid plaque composition and the risk of stroke and mortality

Daniel Bos¹, Banafsheh Arshi¹, Kamran Ikram¹, Meike Vernooij¹, Maryam Kavousi¹, Aad van der Lugt¹
¹Erasmus MC, Rotterdam, Netherlands

P25F | Urgent echocardiography in stroke patient: necessity of protocol selection criteria ?

Hannane El Farhi¹, Filippo Giudiceandrea, Avinash Jeewoath, Yann Brudey, Mircea Ioachim Popescu

¹SCJU ORADEA, Oradea, Romania

P27F | Echocardiographic predictors of major adverse cardiovascular events: a retrospective study of stroke patients

Marina Santos, Elávio Mendonça, Margarida Temtem, Rodolfo Gomes, Catarina Nóbrega, Ricardo Rodrigues, Marco Serrão, Andreia Pereira, Rafael Freitas, António Drumond

¹Hospital Nélio Mendonça, Funchal, Portugal

P28F | Cardioembolic stroke: what to search in the echocardiogram?

Rodolfo Gomes¹, Marina Santos², Elávio Mendonça², Margarida Temtem², Catarina Nóbrega², Ricardo Rodrigues², Marco Serrão², Rafael Freitas², António Drumond²

¹Hospital Beatriz Angelo, Loures, Portugal, ²Hospital Dr Nélio Mendonça, Funchal, Portugal

P30F | Prevention of atrial fibrillation thromboembolic complications by left atrial appendage occlusion in patients following intracranial hemorrhage: postprocedural antithrombotic strategies and clinical outcomes

Andrej Pernat¹, Senta Frol², Jure Dolenc¹, Alenka Mauri³, Mojca Bervar¹, Jana Ambrožič¹, Janja Pretnar Oblak², Matjaž Šinkovec¹

¹Cardiology Department, University Medical Center Ljubljana, Ljubljana, Slovenia, ²Neurology Department, University Medical Center Ljubljana, Ljubljana, Slovenia, ³Anticoagulation Clinic, University Medical Center Ljubljana, Ljubljana, Slovenia

P31F | Indications and eligibility for percutaneous left atrial appendage occlusion in patients with atrial fibrillation admitted in a tertiary cardiology department

Eleni Vrana¹, Anastasios Kartas¹, Athanasios Samaras^{1,2}, Evangelos Liampas¹, Dimitra Vasdeki¹, George Dividis¹, George Fotos¹, Eleni Paschou¹, Evropi Forozidou¹, Paraskevi Tsoukra¹, Ioannis Goulas¹, Haralambos Karvounis¹, George Giannakoulas¹, Apostolos Tzikas^{1,3}

¹First Department of Cardiology, AHEPA University Hospital, Aristotle University of Thessaloniki, Greece, ²Department of Cardiology, Aarhus University Hospital, Aarhus, Denmark, ³Department of Cardiology, Interbalkan European Medical Center, Thessaloniki, Greece

P32F | Malignant left atrial appendage morphology: current classification vs H-L system

Paloma Parra Díaz¹, Luisa Salido Tahoces¹, Ana Pardo Sanz¹, Álvaro Beltrán Corbellini¹, Fernando Rodríguez Jorge¹, Juan Luis Chico García¹, Sebastián García Madrona¹, Consuelo Matute Lozano¹, Rocío Vera Lechuga¹, Antonio Cruz Culebras¹, Jaime Masjuan¹, Alicia De Felipe Mimblera¹

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P33F | Cardioembolic ischemic stroke due to Libman-Sacks endocarditis in a patient with an atrial flutter ablation and a primary antiphospholipid syndrome anticoagulated with rivaroxaban.

Álvaro Beltrán Corbellini¹, Fernando Rodríguez Jorge¹, Paloma Parra Díaz¹, Juan Luis Chico García¹, Antonio Cruz Culebras¹, Alicia De Felipe Mimblera¹, Consuelo Matute Lozano¹, Sebastián García Madrona¹, Rocío Vera Lechuga¹, Jaime Masjuan Vallejo¹

¹Hospital Universitario Ramón y Cajal, Madrid, Spain

P34F | Giant Eustachian valve covered Large PFO Tunnel

Hatice Ozdamar¹, Mesut Ozkahya¹, Taha Aslan², Ebru Ozpelit¹, Oktay Ergene¹

¹Dokuz Eylul University Hospital, Department of Cardiology, Izmir, Turkey, ²Dokuz Eylul University Hospital, Department of Neurology, Izmir, Turkey

P36F | Atrial fibrillation and diabetes mellitus

Otilia Tica^{1,2}, Ovidiu Tica^{1,2}

¹County Hospital Of Oradea, Oradea, Romania, ²University of Oradea, Oradea, Romania

P37F | Specific Mechanisms of Arterial Hypertension in Reproductive and Menopausal Women

Tamar Sanikidze¹, Maka Buleishvili², Murman Kantaria³

¹Tbilisi State Medical University, Tbilisi, Georgia, ²Teaching University Geomedi, Tbilisi, Georgia, ³Davit Aghmashenebeli University of Georgia, Tbilisi, Georgia

P38F | Cardioembolic stroke: etiological factors besides atrial fibrillation.

Nataliia Nosenko¹, Dmytro Scheglov¹

¹So "research And Practical Centre Of Endovascular Neuroradiology Of Nmas Of Ukraine, Kyiv, Ukraine

P39F | Prevalence of masked uncontrolled hypertension and burden of target organ damage in subjects with a first episode of ischemic stroke.

Pedro Armario, Montserrat Martin-Baranera, Pedro Blanch, Meritxell Ibernou, Sonia Maria Garcia Sánchez, Maria Angels Font-Padros, Juan José Mengual, Pere Castellanos, Maria del Señor Cortés, Luis Mena, Manuel Gómez-Choco

¹Department of Cardiovascular Risk Area.Hospital Moisès Broggi. , Sant Joan Despi. Barcelona, Spain, ²Department of Clinical Epidemiology. Hospital Moisès Broggi. , Sant Joan Despi. Barcelona., Spain, ³Department of Cardiology.Hospital San Joan Despi Moisès Broggi, Sant Joan Despi. Barcelona, Spain, ⁴Department of Nephrology. Hospital Moisès Broggi. , Sant Joan Despi. Barcelona, Spain, ⁵Department of Neurology.Hospital San Joan Despi Moisès Broggi, Sant Joan Despi. Barcelona, Spain, ⁶Department of Neurology.Hospital San Joan Despi Moisès Broggi, Sant Joan Despi. Barcelona, Spain, ⁷Department of Neurology.Hospital San Joan Despi Moisès Broggi, Sant Joan Despi. Barcelona, Spain, ⁸Internal Medicine Department. Hospital Sant Joan Despi. Moisès Broggi, Sant Joan Despi. Barcelona, Spain, ⁹Internal Medicine Department. Hospital Sant Joan Despi. Moisès Broggi, Sant Joan Despi. Barcelona, Spain, ¹⁰Department of Neurology. Hospital Sant Joan Despi Moisès Broggi, Sant Joan Despi. Barcelona, Spain, ¹¹Department of Neurology. Hospital Sant Joan Despi Moisès Broggi, Sant Joan Despi. Barcelona, Spain

P40F | Prevalence of major cardiovascular risk factors and coronary heart disease in a sample of Niger delta adults in Nigeria

Adeyemi Abati¹

¹Lagos University Teaching Hospital, Lagos , Nigeria

P41F | The influence of a short-term physicians' training course on adherence to long-term statin therapy

Yulia Lukina¹, Victoria Voronina¹, Natalia Kutishenko¹, Olga Lerman¹, Nadezda Dmitrieva¹, Alexander Zagrebelny¹, Svetlana Tolpygina¹, Sergey Martsevich¹

¹National Medical Researcher Center For Preventive Medicine, Moscow, Russian Federation

P42F | Relationship between left atrial dilatation and stroke

Flávio Mendonça¹, Marina Santos, Margarida Temtem, Rodolfo Gomes, Catarina Nóbrega, Gomes Serrão, Ricardo Rodrigues, Rafael Freitas, Drumond Freitas

¹Hospital Central Do Funchal, Funchal, Portugal

Poster session 2

Friday, 24 January, 16.40-17.40, Room MR11

P43F | Bleeding events associated with poor warfarin control: An observational study of patients prescribed warfarin for non-valvular atrial fibrillation in the Welsh population.

Daniel Harris^{1,2,6}, Ashley Akbari^{1,2}, Daniel Mallory¹, Fatemeh Torabi^{1,2}, Nathan Hill³, Mike Gravenor¹, Daniel Thayer¹, Ting Wang¹, Kate Halsby⁴, Stephen Lister³, Raza Alikhan⁵, Julian Halcox^{1,2,6}

¹Swansea University Medical School, Swansea, UK, ²Health Data Research UK, Swansea, UK, ³Bristol-Myers Squibb Ltd, Uxbridge, UK, ⁴Pfizer Ltd., Tadworth, YK, ⁵Univeristy Hospital of Wales, Cardiff, UK, ⁶Swansea Bay University Health Board, Swansea, UK

P44F | Impact of gender on left atrial structure and function in patients with recurrent atrial fibrillation

Elizaveta Kokhan¹, Gayrat Kiyakbaev¹, Zhanna Kobalava¹

¹Peoples Friendship University of Russia (RUDN University), Moscow, Russian Federation

P45F | Prediction and detection of Occult Atrial fibrillation in patients after acute Cryptogenic stroke and Transient Ischemic Attack (PROACTIA)

Loreta Skrebelyte-Strøm¹, Ole Morten Rønning¹, Kjetil Steine¹, Harald Kjekshus¹

¹Akershus University Hospital, Lørenskog, Norway

P46F | Cardioembolic stroke: a potential complication of a transesophageal echocardiography

Urška Bencak Ferko¹, Dominika Novak Pihler², Dusan Kovac¹, Erzsebet Tobi Veres², Ernestina Bedek², Mitja Lainscak¹

¹Department of Internal Medicine - Division of Cardiology, General Hospital Murska Sobota, Murska Sobota, Slovenia, ²Department of Internal Medicine - Division of Neurology, General Hospital Murska Sobota, Murska Sobota, Slovenia

P47F | Stroke prevention in cancer patients with atrial fibrillation: taking a fresh look

Svetlana Garkina¹, Dmitry Lebedev¹, Roman Tatarskiy¹, Oxana Efimova², Tatiyana Pavlova², Dmitry Duplyakov³

¹National Almazov Medical Research Center, Saint-Petersburg, Russian Federation, ²Samara State Medical University, Samara, Russian Federation, ³Samara Regional Cardiology Center, Samara, Russian Federation

P48F | Falls and its Influence on Oral Anticoagulation Usage in Older Adults: Findings from the Prospective SAGE-AF Study

Raghavendra Makam¹, Jane Saczynski, Ziyue Wang, Darleen Lessard, Catarina Kiefe, Jerry Gurwitz, Robert Goldberg, David McManus

¹University Of Massachusetts, Shrewsbury, United States

P49F | Cryptogenic stroke and hidden atrial fibrillation: role of left atrial function and prolonged monitoring with insertable cardiac monitor

Gabriella Bufano¹, Carolina Maria D'Angelo², Francesca Pierfelice², Francesco Radico⁵, Maria Vittoria De Angelis³, Massimiliano Faustino⁴, Sante Donato Pierdomenico¹, Sabina Gallina⁵, Giulia Renda⁵

¹Department of Medical, Oral and Biotechnological Sciences, University "G. d'Annunzio" Chieti-Pescara, Chieti, Italy, ²Institute of Cardiology "G. d'Annunzio University", Chieti Pescara, Chieti, Italy, ³Department of Neurology, "Santissima Annunziata" Hospital, Chieti, Italy, ⁴Pacing and Electrophysiology Unit "Santissima Annunziata" Hospital, Chieti, Italy, ⁵Institute for Advanced Biomedical Technologies, Department of Neuroscience, Imaging and Clinical Sciences, "G.d'Annunzio" University, Chieti, Italy

P50F | Association between high-sensitivity cardiac troponin and risk of stroke in 96,702 individuals: a systematic review and meta-analysis

Leonie Broersen³, Helena Stengl^{1,3}, Christian Nolte^{1,3}, Dirk Westermann², Matthias Endres^{1,3}, Bob Siegerink³, Jan Scheitz^{1,3}

¹Charité Universitätsmedizin Berlin, Berlin, Germany, ²University Heart Centre Hamburg, Department of General and Interventional Cardiology, Hamburg, Germany, ³Center for Stroke Research Berlin, Berlin, Germany

P51F | Prevalence, major cardiac causes of cardio-embolic stroke and in hospital mortality in eastern part of Nepal

Manoj Kumar Choudhary¹, Asso Rajesh Nepal¹

¹Nobel Medical College Teaching Hospital, Department of Internal Medicine, Biratnagar, Nepal

P52F | Assessment of the left atrial appendage morphology in patients after ischemic stroke - The ASSAM Study

Katarzyna Dudzińska-Szczerba¹, Ilona Michałowska², Roman Piotrowski³, Agnieszka Sikorska³, Agnieszka Paszkowska⁴, Urszula Stachnio⁴, Ilona Kowalik⁵, Piotr Kułakowski³, Jakub Baran³

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P53F | The main factors associated with hospital mortality in patients with stroke within the hospital registry

Alexander Zagrebelnyy, Sergey Martsevich, Natalia Kutishenko, Victoria Voronina, Michail Lukjanov, Yulia Lukina, Olga Lerman, Nadezhda Dmitrieva

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P54F | Cardiac Cephalgia: a Treatable Rare Headache

Toomas Toomsoo¹, Veronika Palmiste-Kallion¹, Sulev Margus¹, Tiina Uuetoa¹

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P55F | What does Heart Beat Tell about Prognosis of Stroke?

Tiina Uuetoa¹, Sulev Margus¹, Veronika Toomsoo¹, Toomas Toomsoo¹

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P56F | Asymptomatic Carotid Stenosis and Concomitant Silent Brain Infarctions

Veronika Toomsoo¹, Toomas Toomsoo¹, Sulev Margus¹, Tiina Uuetoa¹

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P57F | Genetic factors for the development of complications after percutaneous coronary intervention

Dana Taizhanova¹, Akerke Kalimbetova¹, Aliya Toleuova¹, Olga Visternichan¹, Roza Bodaubay¹

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P58F | The incidence of stroke and clinical characteristics of cohort patients with coronary artery disease who were subjected to coronary angiography

Bassem Zarif¹, Ghada Kazamel¹, Maged Ramses¹

¹National Heart Institute, Cairo, Egypt

P59F | Association of Carotid Artery Stenosis and Peri-operative Ischemic Stroke among Filipino Patients undergoing Coronary Artery Bypass Graft Surgery

Ferdinand Jr Gerodias^{1,2}, Alexandria Matic^{1,3}, Jonathan James Bernardo^{1,2}, Maria Cristina San Jose^{1,3}, Mr. Elmer Casley Repotente¹
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P61F | Thromboembolic and hemorrhagic complications of atrial fibrillation cryoballoon ablation on different anticoagulation strategies: results from a national prospective registry

Polina Zubkova¹, Tamara Lubimceva¹, Arpi Topchian², Karapet Davtyan², Elena Artiykhina³, Evgeny Tarasiyk⁴, Alexey Kosonogov⁵, Dmitry Kryzhanovsky⁷, Sergey Korolev⁶, Grigory Kolunin⁸, Ildus Sagitov⁹, Sergey Chetverikov¹⁰, Anatoly Nechepurenko¹¹, Yana Poleshchenko¹, Tatiana Vavilova¹, Dmitry Lebedev¹, Evgeniy Mikhaylov¹

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P62F | Evaluation of silent cerebral infarction prognosis in patients with carotid artery disease undergoing carotid artery revascularization procedure.

Alexandros Evangeliou¹, Nikolaos Charitakis¹, Evangelia Sotiropoulou¹, Athanasia Anastasiou³, Maria Mitka², Apostolos Kamparoudis², Christos Karkos², Konstantinos Papazoglou², Christodoulos Papadopoulos¹, Vassilios Vassilikos¹, Stergios Tzikas¹
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P63F | Endovascular thrombectomy beyond 6 hours in acute ischemic stroke with proximal anterior vessel occlusion: real-life experience in a tertiary hospital

Elena Natera-villalba¹, Antonio Cruz-Culebras¹, Ana Gómez-López¹, Victoria Ros-Castelló¹, Arantxa Sánchez-Sánchez¹, Juan Luis Chico-García¹, Rocío Vera-Lechuga¹, Alicia De Felipe¹, Consuelo Matute-Lozano¹, Álvaro Beltrán-Corbellini¹, Paloma Parra¹, Fernando Rodríguez-Jorge¹, Jaime Masjuán¹
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P64F | Prevention of hemorrhagic and thrombotic complications in training patients with prosthetic heart valves

Elena Gorbunova¹, Valentin Rozhnev¹, Hamida Peganova¹, Mrs. Elena Semibratova¹, Olga Barbarash¹
¹Federal State Budgetary Institution "Research Institute for Complex Issues of Cardiovascular Diseases", Kemerovo, Russian Federation

P65F | Rivaroxaban versus Warfarin in Patients with Mechanical Heart Valve: a proof-of-concept study

Andre Duraes¹, Yasmin Bitar², Jose Admirço², Igor Schonhofen¹, Kethyren Reis³, Larissa Vitoria²
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P66F | Rheumatic Mitral Stenosis: Long-Term Follow-Up of Adult Patients with Non-Severe Initial Disease

Reuben Iliá¹, Amram Bitan¹, Efrat Mazor-Dray¹, Jean Marc Weinsrein¹, Ishay Ostfeld¹, Sarah Carmel¹
¹Ben Gurion University of the Negev, Beer Sheva, Israel

P67F | Adherence to Benzathine Penicillin G Prophylaxis and its Determinants among Patients with Rheumatic Heart Disease at Tikur Anbessa Specialized Hospital, Addis Ababa, Ethiopia

Tamrat Assefa, Kajela Kibirat, Alfoalem Araba
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P69F | A higher sensitivity to thrombi in dabigatran treated patients to intravenous thrombolysis? - findings from the Slovenian cohort study

Senta Frol¹, Janja Pretnar Oblak¹, Miso Sabovic
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P70F | Recanalization and stenting of total/subtotal carotid stenosis in symptomatic patients

Ivo Petrov¹, Zoran Stankov, Iveta Tasheva, Petar Polomski, Marko Klisurski
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P72F | Rehabilitation after Stroke: Relationship between the Heart Rate Variability and Functional Outcome

Nadja Scherbakov^{1,2,3,4}, Anush Barkhudaryan⁵, Nicole Ebner^{6,7}, Stephan von Haehling^{6,7}, Stefan D Anker^{1,2,8}, Michael Joebges⁹, Wolfram Doehner^{1,2,3,4}

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P73F | The impact of heart failure, atrial fibrillation and renal function comorbidity on outcome of rehabilitation after acute phase of stroke

Azadeh Shafieesabet^{1,2,3}, Nadja Scherbakov^{1,2,3}, Wolfram Doehner^{1,2,3}

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P75F | The experience of a stroke-physician-led Reveal LINQ Implantation service in a regional stroke unit.

Michael Lockhart¹, Paul Cotter¹

¹St. Luke's General Hospital, Kilkenny, Ireland

P76F | Differences in clinical characteristics of patients receiving Noacs vs vkas and effect on clinical outcomes

George Dividis¹, Athanasios Samaras, Georgios Fotos, Ioannis Goulas, Dimitra Vasdeki, Eleni Paschou, Anastasios Kartas, Evropi Forozidou, Vivian Tsoukra, Haralampos Karvounis, Apostolos Tzikas, George Giannakoulas

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P77F | Predictors of atrial fibrillation for prolonged monitoring in transient and minor stroke patients

Marián Muchada Lopez¹, Jorge Pagola¹, Jesus Juega¹, Marta Rubiera¹, Jaume Francisco-Pascual², Alejandro Bustamante³, Anna Penalba³, Elena Pala³, Maite Rodriguez¹, Juan F. Arenillas⁴, Juan Antonio Cabezas⁵, Francisco Moniche⁵, Reyes de Torres⁵, Joan Montaner⁵, Teresa Gonzalez-Alujas⁶, Carlos A. Molina¹

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P79F | Combined neurogenic pulmonary edema and atypical Takotsubo cardiomyopathy in patient with embolic stroke: the first case report

Letizia Riva¹, Giuseppe Di Pasquale¹, Gianni Casella¹, Andrea Zini¹

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P80F | Prevalence and Outcome of Atrial fibrillation related Acute Stroke, the comparison with the non-atrial fibrillation group

Vickram Singh¹, Diptarup Mukhopadhyay, Harriet White

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P81F | A case of cryptogenic stroke in a young man with left ventricular noncompaction and hypertrophic cardiomyopathy and hereditary thrombophilia.

Alfiya Iusupova¹, Alexey Zhito¹, Ekaterina Privalova¹, Yuliya Naymann¹, Elena Privalova¹, Yuri Belenkov¹

¹I.M. Sechenov First Moscow State Medical University, Moscow, Russian Federation

P84F | Heart Failure, Atrial Fibrillation and Acute Ischaemic Stroke Outcomes: A Nationwide Inpatient Sample Study

Tiberiu Pana^{1,2}, Mohamed Mohamed², Eoin Fahy², Mamas Mamas², Phyo Myint^{1,2}

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P85F | Vitamin D status and carotid artery calcification

Farzaneh Foroughinia¹, Elahe Rafiei², Afshin Borhani-Haghighi¹, Etrat Hooshmandi¹

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Poster session 3

Saturday, 25 January, 10.00-10.45, Room MR11

P01S | Understanding of and perceptions towards cardiovascular diseases and their risk factors: a qualitative study among residents of urban informal settings in Nigeria

Omoshola Akinbade¹

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P02S | Prevent'Stroke study, a primary prevention program conducted through front-line professionnals using the NeuroCoach recorder in the general population.

Nathalie Barth^{1,5}, Jessica Guyot¹, Solène Dorier⁵, Olivier Rozaire², Caroline Dupré^{1,4}, David Hupin^{1,3}, Bienvenu Bongué^{1,4}, Thomas Célarié^{1,3,5}, Jean-Claude Barthélémy^{1,3}, Frédéric Roche^{1,3}

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P04S | Embolic stroke secondary to an aortic valve fibroelastoma: an increasingly recognised rare cause of stroke.

Laura Esteban-Lucia¹, Soraya De la Fuente Batista¹, Marcelino Cortes García¹, Ana María Pello Lazaro¹, Marta Osés Lara¹, Maria Araceli Garcia Torres¹, Inmaculada Navas Vinagre¹, Esther Martinez Fernandez¹, Jose Tuñon¹

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P06S | Patients with history of premature stroke in outpatient practice: cardiovascular multimorbidity, drug treatment and adherence

A.N. Vorobyev¹, M.M. Lukiyanov², S.S. Yakushin¹, S.Yu. Martsevich², E.Yu. Okshina², K.G. Pereverzeva¹, E.Yu. Andreenko², E.V. Kudryashov², S.A. Boytsov³, O.M. Drapkina²

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P07S | The perspective of using the genetic risk score in prognosis of cardiovascular complications in patients with arterial hypertension

Vadym Bondar¹, Kateryna Chernyshova¹, Sergiy Kolomiets¹, Viktoriia Vasylets¹, Viktor Klochko¹, Dmitriy Oliynyk¹, Olena Kobeleva¹, Olena Kryzhanovska¹, Viktoriia Tbileli¹, Yevheniy Dehtiar¹

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P08S | Cognitive function status and brain changes in patients with chronic heart failure and sinus rhythm

Anastasiia Solonovych¹, Leonid Voronkov¹

¹The MD Strazhesko Institute Of Cardiology, Kiev, Ukraine

P09S | A New Echocardiographic Score in Patients With Stroke

Margarida Temtem¹, Marco Gomes Serrão¹, Marina Raquel Santos¹, Flávio Mendonça¹, Catarina Nóbrega¹, Rodolfo Gomes², Ricardo Rodrigues¹, Rafael Freitas¹, António Drumond¹

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P10S | Hypertension as an important cause of recurrence of atrial fibrillation and remodeling of the left atrium after catheter isolation of pulmonary veins.

Azamat Baymukanov¹, Igor Khamnagadaev², Gennady Gendlin³, Ilya Ilyich¹, Sergey Termosesov³

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P11S | Primary and secondary stroke prevention by MicroNET-covered stent sequestration of high-risk carotid stenosis on top of optimized medical therapy: 5-year evidence from the PARADIGM-Extend prospective academic trial

Adam Mazurek

P12S | Cardiology cathlab-based management of thrombotic carotid stenoses in acute ischaemic stroke: Tools, techniques, local stroke unit collaboration, challenges and patient outcomes - Insights from the PARADIGM-EXTEND all-comer study.

Piotr Musialek¹, Adam Mazurek¹, Tomasz Tomaszewski³, Malgorzata Urbanczyk⁴, Artur Klecha², R. Pawel Banyas⁴, S. Tomasz Kowalczyk², Agata Lesniak-Sobelga¹, Leszek Drabik¹, Andrzej Brzychczy⁵, Tomasz Drazkiewicz⁵, Mariusz Trystula⁵, Lance Montauk⁶, Iris Grunwald⁷, Piotr Podolec¹

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P13S | Assessing the impact of switching to the Tobacco Heating System on cardiovascular disease: translating basic science into clinical benefit

Calin Pater¹, Gizelle Baker¹, Nicolas Blanc¹, Guillaume de La Bourdonnaye¹, Ashraf Elamin¹, Catherine Goujon¹, Christelle Haziza¹, Annie Heremans¹, Julia Hoeng¹, Nikolai Ivanov¹, Frank Luedicke¹, Serge Maeder¹, Blaine Philips¹, Patrick Picavet¹, Angela van der Plas¹, Sandrine Pouly¹, Carine Poussin¹, Pascal Pratte¹, Cam Tuan Tran¹, Patrick Vanscheeuwijck¹, Manuel Peitsch¹

¹PMI, Neuchatel, Switzerland

P14S | Risk Stratification of atrial fibrillation and stroke incidence in patients with hypertension and diabetes

Jose-Luis Clua-Espuny¹, Eulàlia Muria-Subirats¹, Juan Ballesta-Ors¹, Blanca Lorman-Carbo¹, Iñigo Lechuga-Duran¹, M.A. Muñoz-Perez², A. Bustamante³

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P15S | Intracerebral hemorrhage during anti-platelet therapy for acute coronary syndrome

Andrea Bezzeccheri¹, Saverio Muscoli¹, Francesco Romeo¹

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P16S Door to needle count down, a three years' experience in an Egyptian university stroke center

Hossam Shokri¹, Nevine El Nahas¹, Tamer Roushdy¹, Noha Dawood¹, Eman Abushady¹, dr Shady Georgy¹, dr Amr Zaki¹, dr Rady Bedros¹, Hany Aref¹

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P17S | Cardiomyocyte injury following acute ischemic stroke (CORONA-IS) - rationale and design of a prospective observational cohort study

Helena Stengl^{1,2}, Ramanan Ganeshan^{1,2}, Simon Hellwig¹, Christian H. Nolte^{1,2,4}, Jeanette Schulz-Menger^{3,4}, Matthias Endres^{1,2,4}, Jan F. Scheitz^{1,2,4}

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P18S | The course of ischemic cerebral stroke and diabetes mellitus: according to the hospital part of the REGION-M registry

Victoria Voronina¹, Alexander Zagrebelnyy¹, Yulia Lukina¹, Natalia Kutishenko¹, Mikhail Lukyanov¹, Sergey Martsevich¹

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P19S | Myocardial infarction and stroke cross-talking

José Sousa¹, João Lopes¹, Carolina Saleiro¹, Diana Campos¹, Carolina Lourenço¹, Lino Gonçalves¹

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P20S | PRediction of Acute coronary syndrome in acute Ischemic Stroke – The PRAISE study

Regina Von Rennenberg¹, Simon Litmeier¹, David Manuel Leistner², Tim Bastian Braemswig¹, Jan Friedrich Scheitz¹, Christian Hans Nolte¹, Ulf Landmesser², Matthias Endres¹

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P21S | Noninvasive ventilation in severe ischemic stroke victims

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P22S | Management of thrombotic risk in patients with acute coronary syndrome with concomitant atrial fibrillation

Nida Ahmed¹, Ruth Austin, Jonathan Falconer, Shaan Rashid, Sabahat Ahmed, Andrew Archbold

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P23S | Routine use of Transoesophageal Echocardiography (TOE) in patients with atrial fibrillation or flutter undergoing cardioversion

Kakhaber Etsadashvili¹, Tea Kavtashvili¹, Tsatsa Chaligava¹, Nika Kuridze¹

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P24S | Efficacy and safety of NOACS versus Warfarin in Atrial Fibrillation: a first registry with Ecuadorian population

Maryuri Delgado¹, Richard Lopez², José Llorente³

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P25S | Decreased left atrial strain can predict stroke despite the presence of atrial fibrillation in patients with acute heart failure

Jae-Hyeong Park¹, Jin Joo Park², Jun-Bean Park³, Goo-Yeong Cho²

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³Seoul National University Hospital, Seoul, South Korea

P26S | Impact of continue medical education according with current guidelines on rate of cardioembolic stroke in patients with atrial fibrillation: a single center experience in Kazakhstan

Akhmetzhan Sugraliyev¹, Bibigul Abdilmanova², Galymzhan Gallamov², Zhanara Kussymzhanova², Plinio Cirillo³

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"Federico II", Naples, Italy

P27S | Recurrent strokes on NOACs

Taha Aslan¹, Erdem Yaka¹

¹Dokuz Eylul University, Neurology, Izmir, Turkey

P28S | Incidence and impact of atrial fibrillation on cerebrovascular events in Polycythemia Vera

Sofiya Lypovetska¹

¹Ternopil National Medical University, Ternopil, Ukraine

P29S | Stroke-like symptoms as presenting symptoms of Nerium oleander toxicity

Mikhal E. Cohen¹, Amir Janah¹, Todd Lynn¹, Roni Eichel¹, Natan Bornstein¹

¹Shaare Zedek Medical Center, Jerusalem, Israel

P30S | Stroke in the young's :about a young woman case

Amine Amrous¹, Redha Lakehal¹, Rabeh Daoud¹, Farid Aimar¹, Soumia Bendjaballah¹, Abdelmalek Bouzid¹

¹EHS Dr Mokhtar Djeghri, Constantine, Algeria

P31S | Insight stroke - from a physician to a patient and back

Dierk Heimann¹

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P32S | Athens torments Aphrodite- Cardiac havoc during stroke.

Evelina Iarca¹, Ionut Iarca²

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P33S | Patent Foramen Ovale Closure In Clinical Practice: Interim Analysis of a Multinational Survey

Maciej Debski¹, Amr Abdelrahman¹, Halia Alshehri², Christopher J White³, Dariusz Dudek⁴, David Roberts¹

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P34S | Patients with history of stroke and myocardial infarction in clinical practice: demographic, clinical characteristics, drug treatment and outcomes (stroke registry data)

Elena Okshina¹, Mikhail Lukiyanov¹, Sergey Martsevich¹, Sergey Yakushin², Natalya Kutishenko¹, Alexander Vorobyev², Kristina Pereverzeva², Alexander Zagrebelnyy¹, Viktoriya Voronina¹, Nadezhda Dmitrieva¹, Egor Kudryashov¹, Sergey Boytsov³, Oxana Drapkina¹

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P355 | Efficacy and safety of DOACs and warfarin as part of multicomponent antithrombotic therapy

Elena Krivosheeva¹, Ekaterina Kropacheva¹, Elizaveta Panchenko¹

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P365 | The future of diagnosing syncope with microRNAs as novel biomarkers

Amira Habib¹, Hazem M. Warda^{1,2}, Ahmed Wagdi³, Amany K. Elshorbagy⁴, Ahmad R. Bassiouny⁵

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P375 | The functioning of mitochondria from the leukocytes of patients with acute myocardial infarction and healthy volunteers.

Elvira Muslimova¹, Tatiana Rebrova¹, Maria Kercheva¹, Tariel Atabekov¹, Sergey Afanasyev¹

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P385 | Histopathology of embolus after mechanical thrombectomy is a key to determining the cause of ESUS (case report)

Larionov Anatoly¹, Dmitry Demin¹, Ekaterina Nikolaeva¹

¹Federal Center For Cardiovascular Surgery, Astrakhan, Russian Federation

P395 | Additive effects of aspirin and potent P2Y₁₂ inhibition on platelet macro- and microaggregation of relevance to acute thrombotic stroke

William A E Parker^{1,2}, Kirstie Thorneycroft², Heather M Judge¹, Robert F Storey^{1,2}

¹University Of Sheffield, Sheffield, United Kingdom, ²Sheffield Teaching Hospitals NHS Foundation Trust, Sheffield, United Kingdom

P415 | Neuroprotection in rats by GLP-1 analogues – liraglutide and semaglutide

Maryna Basalay¹, Sean Davidson¹, Derek Yellon¹

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P435 | Cardiac functional consequences of focal ischaemia in a rodent model

Attila Oláh¹, Csaba Mátyás^{1,2}, Bálint András Barta¹, Béla Merkely¹, Zoltán Nagy³, Tamás Radovits¹, Sándor Nardai^{1,3}

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