Dear Colleague:

This is a very exciting time in the field of cerebrovascular disease. The rate of discovery of new diagnostic and therapeutics for stroke has never been greater. The program emphasizes basic, clinical and translational sciences as they evolve toward a more complete understanding of stroke pathophysiology with the overall goal of developing more effective prevention and treatment. Stroke systems of care, quality and outcomes are also key parts of the conference.

The International Stroke Conference 2014 provides unique opportunities to meet and network with colleagues from around the world with wide-ranging research interests and expertise in stroke prevention, diagnosis, treatment and rehabilitation. This year, we anticipate almost 3,800 professional attendees, as well as exhibitors displaying new stroke products and services. We are truly dedicated to the international nature of this conference with attendees, presenters and faculty coming from all corners of the world.

The 2014 program offers three separate pre-conference symposia: the State-of-the-Science Stroke Nursing Symposium; the ISC Pre-Conference Symposium I: Stroke in the Real World: Emergency Stroke Care 2014; and the Student/Trainee/Early Career Pre-Conference Symposium II. The main days of the ISC include invited symposia; debates; oral scientific abstract presentations; and scientific abstract posters, as well as special lectures on recent advances and state-of-the-science technologies. This conference is intended for adult and pediatric neurologists; neurosurgeons; neurointerventionalists; neuroradiologists and interventional radiologists; physiatrists; endovascular specialists; emergency medicine specialists; primary care physicians; hospitalists; nurses and nurse practitioners; rehabilitation specialists; physical, occupational, and speech therapists; and pharmacists. Additionally, the ISC is just as much home for basic scientists, clinical scientists, stroke program coordinators, policy makers and public health officials who work in the stroke field.

The Council on Cardiovascular and Stroke Nursing has planned another extraordinary pre-conference symposium. The State-of-the-Science Stroke Nursing Symposium 2014 program will include: Advances in Clinical Research and Quality Improvement; Essentials of Standard Clinical Practice and Stroke Center Development; Rehabilitation and Recovery; and Application of Evidence-based Practice.

The ISC Pre-Conference Symposium I: Stroke in the Real World: Emergency Stroke Care 2014 will highlight scientific advances in cerebrovascular disease while emphasizing their application in the real world. This year’s symposium will focus on issues pertinent to the acute management of stroke in the ED and will cover a variety of topics of interest to healthcare providers working in the emergency department including: identifying unusual presentations of stroke; reviewing data on the use of intravenous and intra-arterial therapy; field triage of stroke patients and the utilization of primary stroke centers; treating ICH, SAH and ischemic stroke during the golden hour in the ED; and managing complications of novel anticoagulants as well as a series of interactive breakout sessions.

The ISC Pre-Conference Symposium II: Animal Models 2.0: Co-morbid Conditions, Optogenetics and Other New Directions is a new symposium developed especially for students, trainees and early career professionals. It will focus on new developments in animal modeling of stroke and will provide a direct and interactive learning experience with highly published investigators in the field that have developed new stroke models with the next generation of advancements.

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This year, not only will you have the opportunity to experience exceptional education and network with almost 3,800 cerebrovascular research and practice experts from around the globe, you will also have the chance to see the beautiful city of San Diego – the picturesque city by the ocean.

Thank you for joining us for this unique event. For the most current conference and programming information, please visit strokeconference.org and the online program planner. And don’t forget to mark your calendar for next year, Feb 11 – 13, 2015, in music city – Nashville, Tennessee.

Sincerely,

Steven M Greenberg, MD, PhD, FAHA
Chair, International Stroke Conference Program Committee
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<thead>
<tr>
<th>Time</th>
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<tr>
<td>8:00 AM</td>
<td>Welcome</td>
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<td>8:15 AM</td>
<td>ISC Program Chair Welcome</td>
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<td>8:30 AM</td>
<td>PLENARY SESSION I AHA Presidential Address</td>
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<td>PLENARY SESSION I NAHN Stroke Trial Network</td>
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<td>PLENARY SESSION II Mordecai Y T Globus Award</td>
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<td>PLENARY SESSION II Stroke Care in Emergency Medicine Award</td>
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International Stroke Conference 2014

Symposia
- Intracerebral Hemorrhage: New Insights and Advances
- Cardiovascular Disease: Lessons from the First Generation of Prehospital Stroke Trials
- Flow Diversion for Unruptured Aneurysms: New Perspectives from the Evidence-Based Neurocritical Care Research Initiative

Oral Abstracts
- Acute Neuroimaging
- Intracerebral Hemorrhage
- Vascular Biology and Disease: Lessons from the Evidence-Based Neurocritical Care Research Initiative
- Outcomes, Quality and Health Services Research

Debate
- Acute Stroke Management: What's Next?
- Acute Neuroimaging: Lessons from the Evidence-Based Neurocritical Care Research Initiative

Oral Abstracts
- Acute Neuroimaging
- Intracerebral Hemorrhage
- Vascular Biology and Disease: Lessons from the Evidence-Based Neurocritical Care Research Initiative
- Outcomes, Quality and Health Services Research

Short Break

Lunch/Science and Technology Hall

Symposia
- Intracerebral Hemorrhage: New Insights and Advances
- Stroke Care in Emergency Medicine: Lessons from the Evidence-Based Neurocritical Care Research Initiative
- Vascular Biology and Disease: Lessons from the Evidence-Based Neurocritical Care Research Initiative

Oral Abstracts
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Oral Abstracts
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Short Break

Close of Conference

International Stroke Conference 2014

Symposia
- Intracerebral Hemorrhage: New Insights and Advances
- Stroke Care in Emergency Medicine: Lessons from the Evidence-Based Neurocritical Care Research Initiative
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Close of Conference

International Stroke Conference 2014

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Oral Abstracts
- Acute Neuroimaging
- Intracerebral Hemorrhage
- Vascular Biology and Disease: Lessons from the Evidence-Based Neurocritical Care Research Initiative
- Outcomes, Quality and Health Services Research

Short Break

Close of Conference

International Stroke Conference 2014
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<thead>
<tr>
<th>Acute Endovascular Treatment</th>
<th>Acute Neuroimaging</th>
<th>Acute Nonendovascular Treatment</th>
<th>Aneurysm</th>
<th>Basic and Preclinical Neuroscience of Stroke Recovery</th>
<th>Cerebral Large Artery Disease</th>
<th>Clinical Rehabilitation and Recovery</th>
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<tbody>
<tr>
<td>Ultrastar Door to Recanalization Time Using Endovascular Therapy: How Do We Change Practice?</td>
<td>Acute Neuroimaging Oral Abstracts I Ballroom 20A Wed, 7:00 am - 8:30 am</td>
<td>Recanalisation Therapies for Acute Ischemic Stroke in the Very Elderly Ballroom 20BC Wed, 3:30 pm - 5:00 pm</td>
<td>Flow Diversion for Unruptured Aneurysms Room 33 Wed, 8:40 am - 10:10 am</td>
<td>Basic and Preclinical Neuroscience of Stroke Recovery Oral Abstracts I Room 31 Wed, 7:00 am - 8:30 am</td>
<td>Non-atherosclerotic Vasoopathies Room 28A-D Wed, 7:00 am - 8:30 am</td>
<td>Exercise after Stroke: Evidence and Application Room 33 Wed, 1:30 pm - 2:00 pm</td>
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<td>Negative Randomized Studies in Endovascular Therapy for Acute Stroke: Car Different Study Designs Lead to Different Results? Ballroom 20BC Thurs, 8:40 am - 10:10 am</td>
<td>Diffusion and Perfusion for Endovascular Treatment (Debate) Ballroom 20BC Thurs, 7:00 - 8:30 am</td>
<td>Acute Nonendovascular Treatment Oral Abstracts Ballroom 20A Thurs, 8:40 am - 10:10 am</td>
<td>Aneurysm Oral Abstracts Room 31 Thurs, 8:40 am - 10:10 am</td>
<td>Non-neuronal Targets for Stroke Therapy Room 28A-D Wed, 3:30 pm - 5:00 pm</td>
<td>Cerebral Large Artery Disease Oral Abstracts I Room 30A-D Wed, 3:30 pm - 5:00 pm</td>
<td>Advances in Neuronmodulation and Functional Restoration in Stroke Rehabilitation Room 31 Thurs, 7:00 am - 8:30 am</td>
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<tr>
<td>Acute Endovascular Treatment Oral Abstracts I Ballroom 20D Thurs, 1:30 pm - 3:00 pm</td>
<td>Acute Neuroimaging Oral Abstracts I Ballroom 20A Thurs, 8:40 am - 10:10 am</td>
<td>Acute Carotid Revascularization (Debate) Ballroom 20BC Thurs, 3:30 pm - 5:00 pm</td>
<td>Neuroprotection through Therapeutic Hypothermia Room 28A-D Thurs, 8:40 am - 10:10 am</td>
<td>Basic and Preclinical Neuroscience of Stroke Recovery Oral Abstracts II Room 33 Fri, 9:10 am - 10:40 am</td>
<td>Symptomatic Carolfil Stenosis: Are We Ready to Study Aggressive Medical Therapy? (Debate) Ballroom 20BC Fri, 9:10 am - 10:40 am</td>
<td>Clinical Rehabilitation and Recovery Oral Abstracts Room 28A-D Fri, 1:30 pm - 2:00 pm</td>
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### Community/Risk Factors

| What is the Ideal Diet for Stroke Prevention? Room 33 Wed, 7:00 am - 8:30 am | Diagnosis of Stroke Etiology Oral Abstracts Ballroom 20A Wed, 8:40 am - 10:10 am | Treating Stroke in the Field: Lessons from the First Generation of Prehospital Stroke Trials Ballroom 20BC Wed, 8:40 am - 10:10 am | Application of Nanotechnology for Stroke Room 31 Wed, 8:40 am - 10:10 am | In-hospital Treatment Oral Abstracts Ballroom 20A Wed, 1:30 pm - 3:00 pm | In-hospital Hemorrhage Oral Abstracts I Room 30A-D Wed, 8:40 am - 10:10 am | Intracerebral Hemorrhage Oral Abstracts II Room 28A-D Wed, 3:30 pm - 5:00 pm |
| Community/Risk Factors Oral Abstracts I Ballroom 20BC Wed, 1:30 pm - 3:00 pm | Secondary Prevention for Stroke: Does Diet Matter? (Debate) Ballroom 20A Thurs, 7:00 am - 8:30 am | Emergency Care/Systems Oral Abstracts I Room 30A-D Thurs, 7:00 am - 8:30 am | Experimental Mechanisms and Models Oral Abstracts I Room 33 Thurs, 8:40 am - 10:10 am | Stroke Palliative Care Ballroom 20A Thurs, 3:30 pm - 5:00 pm | Assessing Risk of Intracerebral Hemorrhage in 2014 Room 28A-D Thurs, 7:00 am - 8:30 am | Stroke Family Caregivers: Research, Resources and Policy Ballroom 20A-Fri, 9:10 am - 10:40 am |
| Community/Risk Factors Oral Abstracts II Ballroom 20A Thurs, 7:00 am - 8:30 am | Emergency Care/Systems Oral Abstracts II Room 30A-D Fri, 9:10 am - 10:40 am | Purpose, Design, Conduct, and Implementation of Multicentre (Phase 3) Animal Studies Room 28A-D Thurs, 1:30 pm - 3:00 pm | Remote Limb Conditioning: A New, Safe Therapy for Stroke? Room 33 Fri, 7:30 am - 9:00 am | Experimental Mechanisms and Models Oral Abstracts II Room 31 Fri, 9:30 am - 11:00 am |

### Outcomes, Quality and Health Services Research

| Outcomes, Quality and Health Services Research Oral Abstracts I Room 30A-D Wed, 7:00 am - 8:30 am | Pediatric Stroke Oral Abstracts Room 28A-D Wed, 8:40 am - 10:10 am | Preventive Strategies Oral Abstracts Room 28A-D Wed, 1:30 pm - 3:00 pm | Monitoring Techniques in the Neuroscience I03 Room 31 Wed, 3:30 pm - 5:00 pm | Obstructive Sleep Apnea, Cerebrovascular Dysfunction, and Vascular Cognitive Impairment Ballroom 20D Wed, 7:00 am - 8:30 am | Vascular Disconnection: Mechanisms of Small Vessel Disease-related Cognitive Impairment Room 28A-D Wed, 3:30 pm - 5:00 pm | Stroke Controversies (a Stroke Journal Session) Room 31 Thurs, 3:30 pm - 5:00 pm |
| Outcomes, Quality and Health Services Research Oral Abstracts II Ballroom 20D Thurs, 8:40 am - 10:10 am | Advances in Neuroimaging: New Tools to Understand Injury and Repair in Pediatric Stroke Room 28A-D Thurs, 3:30 pm - 5:00 pm | SAH and Other Neurocritical Management Oral Abstracts Room 31 Fri, 9:10 am - 10:40 am | Direct Thrombin Inhibitors and Neuroprotection: An Unexpl cted Journey Room 30A-D Thurs, 2:30 pm - 5:00 pm | Does Protecting the Brain from Stroke and Its Neurodegenerative Effects Have Its Origins in Youth? Ballroom 20A Fri, 9:10 am - 10:40 am | Vascular Malformations Oral Abstracts Room 31 Thurs, 1:30 pm - 3:00 pm | Late-Breaking Science Oral Abstracts Ballroom 20BC Thurs, 3:30 pm - 5:00 pm |
| Outcomes, Quality and Health Services Research Oral Abstracts III Ballroom 20D Fri, 7:30 am - 9:00 am | SAH and Other Neurocritical Management Oral Abstracts Room 31 Fri, 9:10 am - 10:40 am | Protecting the Ischemic Neonatal Brain: What Can We Do Better? Room 33 Thurs, 7:00 am - 8:30 am | Cryptogenic Stroke: Knowns and Unknowns Ballroom 20A Fri, 7:30 am - 9:00 am | Management of Dural Venous Sinus Thrombosis Room 28A-D Thurs, 8:40 am - 10:10 am | Vascular Biology in Health and Disease Oral Abstracts Ballroom 20D Wed, 8:40 am - 10:10 am | Stroke Guidelines Session Ballroom 20BC Fri, 7:30 am - 9:00 am |
**International Stroke Conference Program Committee Disclosure Table**

<table>
<thead>
<tr>
<th>Name</th>
<th>Disclosure</th>
<th>Significant</th>
<th>Modest</th>
<th>None</th>
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<td>Heinrich Audebert</td>
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<td>Babu Welch</td>
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This table represents the relationships of program committee members which may be perceived as actual or reasonably perceived conflicts of interest as reported on the Disclosure Questionnaire which all members of the program committee are required to complete and submit. A relationship is considered to be "Significant" if (a) the person receives $10,000 or more during any 12 month period, or 5% or more of the person’s gross income; or (b) the person owns 5% or more of the voting stock or share of the entity, or owns $10,000 or more of the fair market value of the entity. A relationship is considered to be "Modest" if it is less than "Significant" under the preceding definition.
Program Description

The International Stroke Conference is the world’s largest meeting dedicated to the science and treatment of cerebrovascular disease. More than 1,500 presentations will be featured that emphasize basic, clinical and translational sciences as they evolve toward a more complete understanding of stroke pathophysiology with the overall goal of developing more effective prevention and treatment.

Sessions in clinical categories will center on stroke community risk factors, emergency care, acute neuroimaging, endovascular and nonendovascular treatment, diagnosis, clinical rehabilitation and recovery, cerebral large artery disease, in-hospital treatment, and outcomes of stroke. Sessions in basic science categories focus on vascular biology in health and disease, experimental mechanisms and models, and basic and preclinical neuroscience of stroke recovery. Further specialized topics include pediatric stroke, intracerebral hemorrhage, nursing, preventive strategies, vascular cognitive impairment, aneurysm, subarachnoid hemorrhage and other neurocritical management, vascular malformations, and ongoing clinical trials. Cutting-edge presentations on these topics attract a wide range of healthcare professionals and investigators including adult and pediatric neurologists, neurosurgeons, neurointerventionalists, neuroradiologists and interventional radiologists, physiatrists, emergency medicine specialists, primary care physicians, nurses and nurse practitioners, rehabilitation specialists, physical, occupational, and speech therapists, pharmacists, and basic researchers spanning the fields of cerebrovascular function and disease.

Program/Learning Objectives

At the conclusion of the International Stroke Conference, participants should be able to:

- Identify recent advances in basic models of stroke and translational research.
- Evaluate recent advances in the diagnosis, treatment, prevention and rehabilitation of cerebrovascular disease.
- Analyze new and ongoing clinical research advances through late-breaking science and ongoing clinical trials sessions.
- Discuss new research, treatment and intervention with scientists and investigators working in all areas of cerebrovascular disease.
- Interpret the rapidly changing areas within the stroke spectrum such as emerging options for the diagnosis and treatment of acute stroke, mechanisms of stroke recovery, and the impact of vascular cognitive impairment.
- Appraise the diverse challenges presented by cerebrovascular disease to specific populations, including ethnic and racial minorities, women, children, and developing communities.

International Stroke Conference and Nursing Symposium Abstracts

Abstracts from the International Stroke Conference 2014 and the Nursing Symposium 2014 will be published online in February 2014 on the Stroke journal’s Web site at http://stroke.ahajournals.org. Late-Breaking Science and Ongoing Clinical Trials abstracts will be available online on the ISC Web site at strokeconference.org.

CME/CE Disclosure

All faculty participating in CME/CE activities sponsored by the American Heart Association/American Stroke Association will disclose to the audience (1) significant financial relationships with the manufacturer(s) of products from the commercial supporter(s) and/or the manufacturer(s) of products or devices discussed in their presentation and (2) unlabeled/unapproved uses of drugs or devices discussed in their presentation. Such disclosures will be made in writing in the course presentation materials.

Continuing Medical Education Accreditation – Physicians

The American Heart Association is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

For full CME/CE accreditation information on the International Stroke Conference, please visit strokeconference.org

Continuing Education Accreditation – Nurses

The American Heart Association is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center’s Commission on Accreditation.

For full CME/CE accreditation information on the International Stroke Conference, please visit strokeconference.org

Continuing Medical Education Accreditation – Physician Assistants
AAPA accepts certificates of participation for educational activities certified for AMA PRA Category 1 Credit™ from organizations accredited by ACCME or a recognized state medical society.

Successful completion of this CME/CE activity includes the following:
To successfully complete this activity, learners must fully participate in the sessions. In addition, learners must provide feedback that will be used for evaluative outcomes measurement purposes. Learners will check-in on-site for attendance verification purposes and will be required to provide evaluative feedback before CME/CE credit can be claimed.

There is no fee for continuing education credits for this activity.

Note: Attendees registered as a family member, an exhibitor or a guest of an exhibitor will not be eligible for CME or CE credit.

Legal Disclaimer
The International Stroke Conference is a scientific and educational meeting for the purpose of exchanging and discussing research results and scientific developments in the field of cerebrovascular disease. Accordingly, the American Heart Association/ American Stroke Association cannot and does not offer any assurance or warranty of the accuracy, truthfulness or originality of the information presented at the conference.

Embargo Guidelines
International Stroke Conference 2014 abstracts, lectures and presentations are embargoed for release at the date and time of presentation or time of AHA/ASA news event. Late-Breaking Science abstract results are embargoed for the date and time of each session’s start time in which the abstract is scheduled. Ongoing Clinical Trials abstracts are embargoed for the date and time of the Ongoing Clinical Trials Poster Session start time. Information may not be released before the scheduled presentation time. Written embargoed information cannot be shared with anyone but one-on-one embargoed media interviews can be conducted as long as the reporter agrees to abide by the embargo policy.

General Information

AHA Research Funding Opportunities
The American Heart Association is proud to fund research related to cardiovascular disease and stroke. The Association supports research in clinical, basic and population sciences. The AHA is and always has been a strong supporter of stroke research. Over the past 5 years, the AHA has funded over $71 million in research closely related to stroke and another $92 million in broadly stroke-related research. Proposals for stroke research funding are reviewed by experts in the field, with fundability determined by peer review criteria, not by science focus. For more information about our funding opportunities and upcoming application deadlines, please visit our Web site at my.americanheart.org/fundingopportunities.

American Stroke Association Headquarters
Get information on professional education, consumer awareness activities, quality improvement programs, professional membership opportunities and scientific publications. Make ASA Headquarters your headquarters throughout the conference.

Location: Booth 241 (in the Science and Technology Hall, Hall F)
Hours: Wednesday and Thursday, 10:00 am – 4:30 pm

American Stroke Association – Join Together To End Stroke
The American Stroke Association has launched Together to End Stroke™, sponsored nationally by Covidien, to teach all Americans that stroke is largely preventable, treatable and beatable. Through Together to End Stroke, the ASA is focusing its efforts across the entire stroke continuum of care in the areas of prevention, acute treatment, and post-stroke rehabilitation by providing tools and resources for consumers and health care professionals, an online digital strategy, national branding and messaging, local grassroots events and multicultural outreach. We need your help spreading this message to your patients and networks. Visit the ASA Headquarters booth (Hall F, Booth 241). To receive updates on stroke, advocacy and new resources, go to StrokeAssociation.org/signup. Let’s work Together to End Stroke.

Badges
Name badges must be worn at all times in the San Diego Convention Center. A $20 cash-only fee will be charged for badge reprint or replacement. Photo ID is required.

Your badge holds your contact information and can be used to request information from exhibitors and to access the Communication Center.

CME/CE Credit
You have two ways to complete your conference evaluation and claim your CME/CE credits for the conference, pre-conference symposia and/or nursing symposium:
1. Stop by the Communication Center, which is located in the Hall F Lobby, Ground Level.
2. Visit learn.heart.org from any computer with internet connection.

For both options:
• Sign in with your Professional Education Center user name and password at learn.heart.org. If you do not have an account, please create one.
• Find the courses that you attended under the “Course Catalog” tab and select to enroll.
• Authorization codes to enroll will be listed on a ticket you receive with your badge.
• Complete the evaluation and claim your credit.

For assistance please contact our National Support Center at 1-888-242-2453 or e-mail learn@heart.org.

International attendees may obtain an attendance verification form at one of the self-service terminals in Registration, located in Hall F, Ground Level.

Conference Bags
A complimentary conference bag will be available to registered attendees of the International Stroke Conference, Nursing Symposium and the Pre-Conference Symposia at Registration, located in Hall F, Ground Level, of the San Diego Convention Center. Supplies are limited and are based on a first come, first served availability.

Dining/Concessions
On Wednesday and Thursday, concessions will be available in the Science and Technology Hall, Hall F. Concessions, including coffee and other beverages, will be available for purchase for the duration of the conference throughout the Convention Center.

Exhibits/Science and Technology Hall
On Wednesday and Thursday, visit the Science and Technology Hall in Hall F, where cerebrovascular products and services will be featured.

Infants/Children in the Science and Technology Hall – Children over 6 months and under the age of 18 years will not be allowed in the Science and Technology Hall. Infants under the age of 6 months will be allowed in the Science and Technology Hall during exhibit hours only. For reasons of insurance liability and safety, however, infants must be held at all times. Strollers and infant carriers will not be allowed. The parent must sign a liability waiver at the Registration Desk before taking the infant into the Science and Technology Hall. Badges will be marked to reflect that permission has been given for the infant to be carried into the Science and Technology Hall.

Because of limited seating capacity and the highly technical nature of the program, children are not allowed to attend presentations. For safety reasons, children are not permitted in the Poster Hall.

Exhibitors
A comprehensive listing of exhibitors and their products and services can be found in the Stroke News and at strokeconference.org/exhibits.

Guests of Speakers
Guest badges will be available at Registration for immediate family members of speakers and must be returned after the presentation. Guests are not eligible for CME/CE credits.

Hotel Questions
A Housing Desk is located with Registration in Hall F, Ground Level of the San Diego Convention Center and will be open during regular registration hours.

International Attendees
International attendees may obtain an attendance verification form at one of the self-service terminals in Registration, located in Hall F, Ground Level of the San Diego Convention Center.

Loss of Badge Credentials
The American Heart Association/American Stroke Association reserves the right to revoke or deny attendance of any registered participant, speaker, exhibitor, news media reporter, or photographer of presentations or activities at AHA/ASA scientific conferences and meetings.
Medical Emergencies
The First Aid Station is located in Box Office G, Ground Level of the San Diego Convention Center. An AED is available. Please report emergencies to the nearest security guard or the Show Office, Room 23AB on the Upper Level.

Multimedia Products/Services
The following multimedia products/services are available at the San Diego Convention Center.

AHA/ASA Scientific Statements and Practice Guidelines – Download any of the 11 LWW-published AHA journals’ iPad® apps for free to access the iApp supplement of the AHA/ASA Scientific Statements and Practice Guidelines. This special supplement is free to access for everyone. Included in the annual collection is the most frequently cited cardiovascular and stroke stats reference – the AHA Statistical Update. More information is available at the American Stroke Association’s HeadQuarters Booth 241.

AHA TV – NEW! AHA TV premieres in San Diego. Your brand new conference television channel is here to cover news, views and all the important issues that emerge at the International Stroke Conference. You will be able to watch exclusive reports, produced especially for the conference from organizations, institutions, hospitals and universities dedicated to the prevention, treatment and care of cerebrovascular disease. AHA TV, brought to you by the international film and broadcasting company WebsEdge, will feature a new episode daily. Watch the program around the venue and on selected hotel channels, as well as online on YouTube, the conference Web site, on social media and at http://www.wesbedge.com/videos/health.

Communication Center – Convenient computer stations are available for attendees to leave and retrieve conference messages, access the internet, search for other attendees, print airline boarding passes and claim CME/CE credit. It is located in the Hall F Lobby, Ground Level.

E-Posters – A different way for attendees to view poster presentations. Posters presented during the International Stroke Conference will be available during the meeting electronically at work stations in the Poster Hall (Hall G) and at strokeconference.org. Attendee login is required.

Mobile Meeting Guide – Use the ASA mobile meeting guide for on-the-go access to meeting information with your handheld device or smartphone. Available at strokeconference.org/mobile. Helpful staff is available in Registration, Hall F, to answer questions.

Online Program Planner – Create a personal itinerary by searching the International Stroke Conference by specialty, author, keyword, title, session or category at strokeconference.org.

Posters: QR Codes – In addition to traditional poster boards at the International Stroke Conference 2014, AHA now offers a way for attendees to download information directly from a poster onto their smart phones and tablets. It’s called a QR code, and it’s simple to use. Just download a QR code reader from the app store on your phone (we recommend QR Reader) and then scan the code on the poster. You will then have a link to view the poster online as well as the author’s contact information.

Stroke News – Visit strokeconference.org/sciencenews for official AHA/ASA news coverage of the science presented at the 2014 meeting including: exclusive video interviews, presentation slides and audio, summary slides, news releases, and more.

Wireless Internet – Complimentary WiFi will be located at various hot spots throughout the Science and Technology Hall, Hall F.

News Media
From Feb 12 – 14, for media interviews, news conferences or inquiries about news releases, contact News Media Headquarters, Room 27 on the Upper Level.

No Smoking Policy
American Heart Association/American Stroke Association policy prohibits smoking in convention center meeting rooms, the Poster Hall and the Science and Technology Hall. We appreciate your cooperation.

Photography and Audio/Video Recording
Unauthorized recording of the American Heart Association’s Scientific Sessions, scientific conferences and the American Heart Association/American Stroke Association’s International Stroke Conference is prohibited, whether by video, still or digital photography, audio, or any other recording or reproduction mechanism. This includes recording of presentations and supporting audiovisual materials and of poster presentations and supporting poster materials. The American Heart Association/American Stroke Association reserves the rights to all recordings or reproductions of presentations at AHA/ASA scientific conferences and meetings.
Stroke OnDemand™
Miss a session? Experience every session just as if you had been in the room by purchasing Stroke OnDemand™ Premium, a comprehensive digital video library of this year’s meeting online and on a portable DVD. Convenient online and mobile viewing on your iPad, iPhone and Android Device. Purchase at the Stroke OnDemand™ booth in the Hall F Lobby, Ground Level. Buy onsite and save $100.

Please note only presentations that have been approved by the speakers will be included.

Transportation
Ground Transportation
Shuttle service from the airport is available at the transportation plazas across from the San Diego Airport Terminals 1 and 2, and curbside from the Commuter Terminal.

Taxi cab stands are located at the airport. Base fare and rates are displayed on the meter and include a flag drop charge plus a per-mile and/or per-hour charge. If you are traveling from the airport, they will also add $1.50 to your final total.

Rental Cars
To obtain the special AHA/ASA rates, please contact the following:

- National Car Rental: (877) 222-9058
  Reference contract ID #XZ09D02
- Enterprise: (800) 261-7331
  Reference contract ID #XZ09D02

Parking at the San Diego Convention Center
Onsite private vehicle parking is available at the San Diego Convention Center’s underground garage located below the building. Enter the parking garage on Harbor Drive between First Ave. and Fifth Ave. The daily rate is $15. Payment is due upon entry and there are no in and out privileges. No overnight or RV parking is permitted.

Additional parking is located directly across the street from the San Diego Convention Center, on the corner of Harbor and 8th Ave.

Twitter
Use Twitter to tweet your questions/comments during the meeting or just talk about what is happening at ISC 2014. Use hashtag: #ISC14.

Venue
San Diego, California
Experience the beauty of San Diego. Nestled in the midst of more than seventy miles of pristine beaches to the west, and sprawling mountains and desert to the east, San Diego has something for everyone. With friendly locals, world-class attractions like SeaWorld and the San Diego Zoo, and a laid-back vibe all its own, California’s playground is perfect for the young and young at heart. Whether it is the vibrant Gaslamp Quarter, upscale or casual dining, museums, art galleries, a Tony Award-winning theater, world-class opera, or the symphony, there is something for everyone in this picturesque city by the ocean.

Web Resources
HealthJobsPLUS for Professionals
This is a Job Placement Service that can be found online at strokeconference.org (HealthJobsPlus) or at the Communication Center, located in the Hall F Lobby, Ground Level.

my.americanheart.org
My American Heart for Professionals is the American Heart Association/American Stroke Association’s powerful Internet resource for healthcare professionals devoted to the fight against cardiovascular disease and stroke. Depending on the level of membership selected, AHA/ASA Professional Members may have access to all 12 AHA scientific journals, biweekly clinical updates, core clinical textbooks, a continually updated drug database, and much more.

StrokeAssociation.org
The American Heart Association/American Stroke Association Web site provides information on AHA/ASA resources and programs for professionals and consumers. Stroke warning signs, advocacy news, practice enhancement tools, and more can be found on this site.

StrokeAssociation.org/resources
The Stroke Resource Center is the American Stroke Association’s new tool to deliver stroke information beyond mainstream media approaches. By providing the general public and healthcare providers with trusted stroke information at the click of a button, we intend to increase awareness that stroke is largely preventable, treatable, and beatable and drive action among Americans to reduce the overall impact of stroke. Visit the site to obtain free printable patient education materials.

STROKE COUNCIL ACTIVITIES
Nursing and Rehabilitation Professionals Luncheon
The Stroke Council’s Nursing and Rehabilitation Professionals Committee will hold an interdisciplinary roundtable luncheon welcoming nurses, social workers, physical therapists, occupational therapists, speech/swallowing therapists, physiatrists, neurologists, psychologists and others involved in stroke care.

Moderators: Lorie Richards, PhD, OTR/L, Salt Lake City, UT
Kelly Anderson, BSN, RN, Murray, UT

12:10 Introduction, Announcements and Overview
Lorie Richards, PhD, OTR/L, Salt Lake City, UT

12:15 Federal Healthcare Rules and Regulations
John D Ward, Allentown, PA

12:45 Collaboration between Nurses, Patients, Families, Physical Therapists, and Occupational Therapists
DaiWai Olson, PhD, RN, CCRN, Dallas, TX

1:15 Discussion
Conference attendees must register for this luncheon. Tickets are $25 and seating is limited.

We would like to thank Lorie Richards, Kelly Anderson, and the Nursing and Rehabilitation Professions Committee for their time and effort in planning this luncheon.

Fellow and Early Career Luncheon: Developing Successful Career Paths in Stroke
Moderator: Pooja Khatri, MD, FAHA, Cincinnati, OH

12:10 Introduction
Pooja Khatri, MD, FAHA, Cincinnati, OH

12:15 The Path to a Successful Stroke Clinical Trialist
Marc I Chimowitz, MD, FAHA, Charleston, SC

12:30 The Path to a Successful Stroke Basic Scientist
Michael Tymianski, MD, PhD, FRSC, Toronto, ON, Canada

12:45 The Path to a Successful Stroke Director
Marilyn M Rymer, PhD, RN, FAHA, Kansas City, KS

1:00 Discussion
This short seminar will provide early career professionals with some practical advice, tools and strategies that can be useful through their careers. This luncheon is open only to students and early career registrants (those who have completed training in the last five years or those in the first five years after faculty appointment.)

Conference attendees must register for this luncheon. Tickets are $25 and seating is limited.

Stoke Council Annual Business Meeting
All Stroke Council Members are welcome to attend.

STROKE COUNCIL ACTIVITIES
This Web site offers healthcare professionals anytime, anywhere access to all aspects of the annual meeting. Visit the site to learn about products and services exhibited at the International Stroke Conference and keep up with the latest news from the meeting as it happens. Plus, get access to pertinent meeting tools and information including: an online itinerary/program planner, registration and housing information, final programming, important conference deadlines, and link to the Professional Education Center to access the overall evaluation and claim your CME/CE credit. All of this and much more can be found at strokeconference.org.

Online Itinerary/Program Planner
Create a personal itinerary by searching the International Stroke Conference by specialty, author, keyword, title, session or category at strokeconference.org.

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Stoke Council Annual Business Meeting
All Stroke Council Members are welcome to attend.
NEW! Physician Assistants and Nurse Practitioners Luncheon

Thursday, Feb 13, 12:10 pm – 1:30 pm, Room 28E

Physician Assistants and Nurse Practitioners Luncheon

One of the most exciting and motivating experiences for early career professionals is connecting with a successful leader who can provide meaningful mentorship and guidance. This lunch will provide an informal forum for new connections to be made between early career professionals and leaders in stroke. Special efforts have been made to ensure a memorable and worthwhile activity for all attendees. This luncheon is open only to students and early career registrants (those who have completed training in the last five years or those in the first five years after faculty appointment.)

Conference attendees must register for this luncheon. Tickets are $25 and seating is limited.

Facilitator: Pooja Khatri, MD, FAHA, Cincinnati, OH

Table Moderators/Leaders:

- Opeolu Adefuye, MD, Cincinnati, OH
  Acute Stroke/Neurocritical Care
- Sepideh Amin-Hanjani, MD, FAANS, FACS, FAHA, Chicago, IL
  Cerebrovascular Surgery
- William Barsan, MD, FACEP, FAHA, Ann Arbor, MI
  Acute Stroke/Emergency Medicine
- E Sander Connolly, Jr, MD, FAHA, New York, NY
  Cerebrovascular Surgery/Basic Science
- Steven Cramer, MD, Orange, CA
  Stroke Rehabilitation
- Stephen M Davis, MD, FRCP, Edin FRACP, FAHA, Victoria, Australia
  Acute Stroke/Neuroimaging
- Stephanie Debette, MD, Paris, France
  Stroke Genetics/Neurocritical Care
- Marc Fisher, MD, FAHA, Worcester, MA
  Stroke journal
- Heather Fullerton, MD, San Francisco, CA
  Pediatric Stroke/Epidemiology
- Philip B Gorelick, MD, MPH, FAHA, Grand Rapids, MI
  Stroke Prevention
- Dawn Kleindorfer, MD, FAHA, Cincinnati, OH
  Epidemiology/Stroke Prevention
- Barbara Lutz, PhD, RN, CRNN, FAHA, Gainesville, FL
  Nursing
- Louise D McCullough, MD, PhD, Farmington, CT
  Basic Science
- Ruediger Von Kummer, MD, PhD, FAHA, Dresden, Germany
  Endovascular/Radiology
- Nils G Wahlgren, MD, PhD, Stockholm, Sweden
  Acute Stroke
- Caroolee J Winnstein, PhD, PT, FAPTA, Los Angeles, CA
  Rehabilitation
- Max Wintemark, MD, Charlottesville, VA
  Stroke Neuroimaging
- Osama Zaidat, MD, Milwaukee, WI
  Endovascular/Neurology

We would like to thank Dr. Pooja Khatri for her time and effort in planning these Early Career Luncheons.

Thursday, Feb 13, 12:10 pm – 1:30 pm, Room 25

Fellow and Early Career/Stroke Leader Roundtable Luncheon

We would like to thank Krista Jordan for her time and effort in planning this Physician Assistants and Nurse Practitioners Luncheon.

AWARD INFORMATION

The International Stroke Conference 2014 is pleased to offer several awards for investigators in stroke-related research. Selected awardees will present and be acknowledged at the International Stroke Conference.

David G Sherman Lecture

This award was established in honor of David G Sherman, MD, a prominent stroke physician and an internationally recognized leader and researcher in stroke prevention and treatment. The award recognizes lifetime contributions to the investigation, management, mentorship and community service in the stroke field.

Wednesday, Feb 12, 11:40 am, Hall E

Robert G Siekert New Investigator Award in Stroke

In recognition of Dr Robert G Siekert, founding chairman of the American Heart Association’s International Conference on Stroke and Cerebral Circulation, this award encourages new investigators to undertake or continue stroke-related research. To be eligible, you must submit an abstract to the International Stroke Conference.

Wednesday, Feb 12, 10:59 am, Hall E

Thomas Willis Lecture

This award was established in honor of Thomas Willis, a prominent physician credited with providing the first detailed description of the brain stem, the cerebellum and the ventricles, with extensive hypotheses about the functions of these brain parts. The award recognizes contributions to the investigation and management of stroke – basic science.

Thursday, Feb 13, 11:40 am, Hall E

Mordecai Y T Globus New Investigator Award

This award recognizes Dr. Mordecai Y T Globus’ major contributions to research in cerebrovascular disease, and his outstanding contributions to the elucidation of the role of neurotransmitters in ischemia and trauma; the interactions among multiple neurotransmitters; mechanisms of hypothermic neuroprotection; and the role of oxygen radical mechanisms and nitric oxide in brain injury. To be eligible for this award, you must submit an abstract to the International Stroke Conference.

Thursday, Feb 13, 10:32 am, Hall E

Stroke Care in Emergency Medicine Award

The International Stroke Conference is pleased to present the Stroke Care in Emergency Medicine Award. This award is open to investigators at all levels who are an AHA/ASA member and submit an abstract in the Emergency Medicine category to the International Stroke Conference.
Thursday, Feb 13, 10:46 am, Hall E
Stroke Care in Emergency Medicine Award:
Stroke Severity Adjusted EMS Triage Has Benefits For Bypassed Primary Stroke Centers
Evan Allen, MBA, Orlando, FL

William M Feinberg Award for Excellence in Clinical Stroke
The International Stroke Conference 2014 Program Committee accepted nominations for the 2014 William M Feinberg Award for Excellence in Clinical Stroke. This award recognizes significant contributions to the investigation and management of clinical research in stroke.

Friday, Feb 14, 12:03 pm, Hall E
William M Feinberg Award for Excellence in Clinical Stroke:
Hemodynamics and Stroke Risk in Carotid Artery Occlusion
William Powers, MD, FAHA, Chapel Hill, NC

ISC Junior Investigator Travel Grants
The International Stroke Conference 2014 Travel Grants for Junior Investigators encourage and support the efforts of early career investigators in cerebrovascular disease research and encourage participation in the International Stroke Conference by providing travel funds to attend the International Stroke Conference 2014, present research in oral or poster format, and engage in discussion with senior investigators. Application for travel grants for ISC 2015 will take place during the ISC 2015 abstract submission process. You must submit an abstract for ISC 2015 to be eligible to apply for a travel grant.

The International Stroke Conference 2014 Program Committee would like to thank the AHA/ASA’s Stroke Council for their generous contribution to the ISC 2014 travel grants.

NOMINATIONS FOR ISC 2015 AWARDS

Nominations for ISC 2015 Awards
ISC staff will begin accepting nominations for the named ISC awards on Wednesday, February 12, 2014. The deadline to submit nominations for the Feinberg, Sherman and Willis Awards is Wednesday, July 9, 2014. Please go to strokeconference.org/awardsandlectures for more information about each of these awards.

Please note that you must be a FAHA to be eligible for these awards.

Applications for the abstract-based awards will occur during the abstract submission process, May 21 – August 12, 2014.

FAHA Application Submission and Deadlines
The Stroke Council considers applications for AHA Fellowship during the spring and fall of each year. Applications must be received through the Council Awards Application System by 5:00 pm Central Time on December 1 for the spring review cycle and by 5:00 pm Central Time on June 1 for the fall review cycle. Applications received after the deadline dates will be held until the next review cycle. New FAHAs are notified after they are elected at the annual business meeting.

POSTERS

Professor-Led Poster Tours and Regular Poster Sessions
During the ISC 2014 poster sessions, there will be both Professor-Led Poster Tours and Regular Poster Sessions. During the Professor-Led Poster Tours, leaders in the stroke field will take groups of conference attendees around 12 speaker-attended posters ordered by category. Each presenter will have approximately 2 minutes to present the highlights of his or her work, followed by 3 minutes for a Q&A from attendees. There are 10 different poster tours to select from during each Professor Tour Session.

To be a part of a Poster Tour, please turn to pg 48 and pg 72 in the Poster Abstracts section of the Final Program and decided which section/category of posters you would like to attend during each of the two Poster Tour Sessions. Five – ten minutes prior to the Poster Tour Session start time, simply go to the correspondingly numbered “Section” sign for that section/category of posters.

During the Regular Poster Sessions, poster presenters will stand by their poster for individual Q&A time with attendees; they will not give a formal presentation. These posters are separate and not a part of the Professor-Led Poster Tours. To see the posters in the Regular Poster Session, please turn to pg 55 and pg 79 in the Poster Abstracts section of the Final Program

A map of the Poster Hall is available at the front of the Poster Abstracts Section; it will highlight the Professor-Led Poster Tour sections and the Regular Poster sections. Posters will be available for viewing in the Poster Hall (Hall G, Ground Level) from 8:00 am – 6:45 pm on Wednesday, Feb 12 and Thursday, Feb 13. The speaker-attended poster sessions will take place at the following times:

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wednesday, Feb 12</td>
<td>5:15 pm – 6:15 pm</td>
</tr>
<tr>
<td>Regular Poster Session</td>
<td>6:15 pm – 6:45 pm</td>
</tr>
<tr>
<td>Thursday, Feb 13</td>
<td>5:15 pm – 6:15 pm</td>
</tr>
<tr>
<td>Regular Poster Session</td>
<td>6:15 pm – 6:45 pm</td>
</tr>
</tbody>
</table>

FAHAs and Other Stroke Leaders – please be sure to show your support for young investigators and attend the poster sessions.

Please note that for safety reasons, children are not permitted in the Poster Hall.

Missed the poster presenter? Use your smartphone to view the poster information and listen to the author’s pre-recorded discussion about the abstract. Throughout the Convention Center and in the Poster Hall, you will see black and white boxes called QR codes. Use your smartphone to scan these boxes and you’ll have access to online audio and posters. Follow the directions below to download free software to your smartphone and enjoy this new and exciting feature.

Download the free app:
2. Download the free application (for almost all phones), iPhone users, go to the App Store and download app ScanLife.
3. Use the app to scan the code.

Start Planning Now for the International Stroke Conference 2015 in Nashville, Tennessee!

CALL FOR SCIENCE
Thank you for attending the International Stroke Conference 2014. Please don’t forget these important dates for the International Stroke Conference 2015:

Submit Session Ideas
Suggested Session Submitter Opens: Monday, Feb 10, 2014
Suggested Session Submitter Closes: Monday, March 10, 2014

Submit Your Best Science for Consideration for ISC 2015
Presenting your science at ISC offers you many benefits:
• International Impact: Media coverage from around the world resulted in more than 1.4 billion media impressions from nearly 1,500 stories for ISC 2013.
• Network with Leaders in the Stroke Field: Attend ISC and discuss your findings with stroke research and practice experts from around the globe.
• Virtual Reach: The ISC virtual reach through the AHA/ASA Web site, e-mails, YouTube, Facebook and Twitter activity reached more than 90,000 people daily.
• Published Abstracts: Accepted ISC and Nursing Symposium abstracts will be published online on the Stroke journal Web site.

Submit Abstracts
Submission Opens: Wednesday, May 21, 2014
Submission Closes: Tuesday, Aug 12, 2014

Submit Late-Breaking Science and Ongoing Clinical Trials Abstracts
Submission Opens: Wednesday, Oct 8, 2014
Submission Closes: Wednesday, Nov 5, 2014

The link to submit abstracts and/or session ideas can be found at strokeconference.org/submitscience on the opening date listed above.

In order to encourage a broad range of science and speakers, international authors and junior authors are strongly encouraged to submit abstracts for presentation.
The stroke community lost one of its best this year. Bill Young was a uniquely talented individual and clinician-scientist. He substantially advanced our understanding of the pathophysiology of brain arteriovenous malformations before his untimely death on August 1, 2013. Bill’s contributions were far-ranging, and reflected his ability to identify and ask important questions, and to develop impressive cross-disciplinary teams to answer these questions. He leaves behind an unusually large group of friends, collaborators and trainees.

Bill started performing intravenous and then intra-arterial xenon CBF studies in the late 1980s and early 1990s while at Columbia. He initially used these tools to study the effects of anesthetic agents on cerebral blood flow and oxygen metabolism. In collaboration with very skilled vascular neurosurgeons, vascular neurologists, cognitive neuropsychologists and interventional neuroradiologists, he began using these tools to investigate the hemodynamic and metabolic effects of AVMs and of the impact of treatment of AVMs. He documented the clinical relevance of normal perfusion pressure breakthrough and the hemodynamic thresholds of ischemia in humans.

At the turn of the millennium, he joined the faculty of the University of California-San Francisco as the James P. Livingston Professor and Vice-Chair of Anesthesia and Perioperative Care. He developed another world-class interdisciplinary team, under the banner of the Center for Cerebrovascular Research, which was dedicated to investigating the fundamental basis for the development and the biology of brain AVMs. This work has extended to epidemiologic, imaging, and clinical trials. Bill was also an outstanding mentor, with a long list of directly supervised career development awardees from both the National Institutes of Health and the American Heart Association. Bill was an active member of National Institutes of Health study sections, a strong advocate for basic and translational research at the International Stroke Conference Program Committee, and an extremely accomplished jazz pianist who would commonly find the hot spot in town before a meeting or study section and sit in with professional musicians until late into the evening.

He will be well remembered and sorely missed.
Expand Your Conference Experience With Stroke OnDemand™ Premium

Full-motion Videos of the ISC 2014 Meeting Presentations

FEATURING:

- Convenient Online & Mobile Viewing on your iPad, iPhone and Android Device
- Downloadable PDFs of Presenter Slides and Audio MP3s
- Portable DVD-ROM for On-the-Go Access*
- Special Meeting and Member Discounts – Save $100 Onsite

*DVD-ROM ships 8 weeks after the meeting. Only presentations that have been approved by the speakers will be included. Pricing excludes shipping and handling. Discounts do not apply to the general or professional associate membership tiers.

Purchase today in the Hall F Lobby

strokeondemand.org
Mobile applications are available at strokeconference.org/mobile.

New and improved Mobile Meeting Guide App:
AHA Scientific Conferences

Download the meeting guide app now!
JOIN THE CARDIOVASCULAR AND STROKE NURSING COUNCIL!

Member benefits are based on the membership tier you choose. Benefits include research funding, discounts for scientific conferences and journals, council awards and participation, networking and much more!

CVSN Council Mission

The mission of the Council on Cardiovascular and Stroke Nursing is to accelerate the discovery, translation and application of knowledge to promote and improve overall cardiovascular health. Our efforts focus on contributing nursing’s biopsychosocial expertise to AHA’s global agenda to promote ideal cardiovascular health, quality of life, and heart healthy lifestyles and environments.

Learn more about the CVSN Council at my.americanheart.org/cvscouncil.

Visit our staff at HeadQuarters Booth 241 to learn more about the CVSN Council and the benefits of joining the AHA/ASA Professional Membership and our network of more than 30,000 members.

Join or renew on-site and receive a free gift!*  

*while supplies last
Nursing Symposium, please visit strokeconference.org

The American Heart Association/American Stroke Association is grateful to the members of the 2014 State-of-the-Science Stroke Nursing Symposium Program Committee for their dedication and leadership provided throughout the year planning the program.

Program Committee
Jennifer Cohn, MSN, CNRN, Chair
Karen Saban, PhD, APRN, RN, CNRN, Vice Chair
Tamilyn Bakas, PhD, RN, FAHA, FAAN (ISC Program Committee Liaison)
Terrie Black, MBA, BSN, RN, BC, CRNN
Theresa Green, RN, PhD
Millie Hepburn-Smith, MSN, ACNS-BC
Sarah Livesay, DNP, RN, ACNP, CNS-A (AANN Liaison)
Linda Pierce, PhD, RN, CNS, CRNN, FAHA, FAAN
Sue Pugh, RN, MSN, CRNN, CRN, FAHA
Karen Seagraves, MS, MPH, ACNS-BC, ANP-BC

Sponsored by the American Heart Association’s Stroke Nursing Committee of the Council on Cardiovascular and Stroke Nursing and co-sponsored by the Preventive Cardiovascular Nurses Association.

For a complete list of Nursing Symposium abstract graders, please go to strokeconference.org/nursingsymposium.

Symposium Description
The State-of-the-Science Stroke Nursing Symposium is a forum designed to provide current information for nursing and other healthcare professionals who treat patients and families in all phases of stroke treatment from the emergency department through rehabilitation. The symposium will update and inform the audience about nursing issues along the continuum of stroke care (ischemic and hemorrhagic stroke management, rehabilitation and program development.) The goal of the program is to share innovative best clinical practices that have been developed to optimize patient outcomes throughout the stroke continuum of care. A plenary program and break-out sessions are planned to meet educational needs for nurses, rehabilitation and healthcare professionals at various levels of skill.

Nursing Symposium 2014 Learning Objectives
At the conclusion of the State-of-the-Science Stroke Nursing Symposium, participants should be able to:

- Explain the burning issues surrounding depression and stroke
- Implement processes for obtaining follow-up after hospital discharge
- Describe the advances in clinical research and quality improvement including:
  - LEANing down DNT time in a community hospital setting
  - If educating the pre-hospital community and community-at-large influences tPA treatment rates
- Define the essentials of standard clinical practice and stroke center development including:
  - Nursing roles within a comprehensive stroke center (transitions of care)
  - The use of multimodal imaging in the detection of stroke and its sequelae
- Discuss rehabilitation and recovery from stroke including:
  - The long term management of the stroke patient
  - FES and neuromodulation in stroke rehabilitation
- Manage the application of evidence-based practice including:
  - Advancing stroke science through nursing research
  - Translating nursing evidence into practice
  - A synthesis of current science and development of nursing care protocol with regard to craniectomy

Continuing Education Accreditation – Nurses
The American Heart Association is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center’s Commission on Accreditation.

For full CME/CE accreditation information on the State-of-the-Science Stroke Nursing Symposium, please visit strokeconference.org

All persons who develop and/or control educational content in CME/CE activities sponsored by the American Heart Association will disclose to the audience all financial relationships with any commercial supporters of this activity as well as with other commercial interests whose lines of business are related to the CME/CE certified content of this activity. In addition, presenters will disclose unlabeled/unapproved uses of drugs or devices discussed in their presentations. Such disclosures will be made in writing in course presentation materials.

Please note that there is a separate registration fee to attend the Nursing Symposium.

TUESDAY, FEBRUARY 11

For the most current program information and speakers, please go to strokeconference.org, online Program Planner.

8:00 am – 11:30 am

Plenary Session
Hall E

Moderators: Jennifer Cohn, MSN, CNRN, Indianapolis, IN
Karen L Saban, PhD, RN, APRN, CNRN, Maywood, IL

8:00 Opening Remarks
Mariann Piano, RN, PhD, FAHA, Chicago, IL

8:10 Program Announcements
Sue Pugh, MSN, RN, CRNN, CRN, FAHA, FAAN, Baltimore, MD

8:15 Stroke Article of the Year Presentation
Rosemarie B King, RN, PhD, FAHA, Chicago, IL

8:25 Acute Stroke: Burning Issues Surrounding Depression and Stroke
Mary K Brethour, CRNP, PhD, Hampton Cove, AL
Stephanie L Casal, MS, Stanford, CA
Catherine J Kirkness, PhD, Seattle, WA
Pamela H Mitchell, RN, PhD, FAHA, FAAN, Seattle, WA
Mary Straw, DHA, MS, RN, Oakbrook Terrace, IL

9:50 am – 10:10 am

Short Break

10:10 Stroke Journal Update
Marc Fisher, MD, FAHA, Worcester, MA

10:20 Transitions of Care: Implementing Processes for Obtaining Follow-up after Hospital Discharge
Jennifer M Brackman, BSN, RN, Canton, OH
Robynn S Cox, RN, BSN, Cleveland, OH
Julie Fisher, RN, BSN, Norwalk, OH
Alice Liskay, RN, BSN, MPA, CCRC, Cleveland, OH
Melissa Richardson, Mayfield Heights, OH

11:30 am – 1:00 pm

Lunch – Hall D
A boxed lunch will be provided.

1:00 pm – 5:00 pm

Concurrent A – Room 29
Advances in Clinical Research and Quality Improvement
Moderator: Sue Pugh, MSN, RN, CRNN, CNRN, Baltimore, MD

1:00 Optimizing Stroke Care through Use of Lean Principles across the Continuum of Care
Kalceee Foreman, BSN, RN, St Louis, MO
Julie Griffin, BSN, MHA, St Louis, MO
Jennifer Williams, MSN, St Louis, MO

1:45 LEANing Down DNT Time in a Community Hospital Setting
J Lynn Hundley, Floyds Knobs, IN

2:00 Nurse-Led Acute Stroke Team
Lynn Klassman, Royce Peppa, Barbara Pool, Lisa Brezinski, Mary Ann Tinsley, Advocate Lutheran General Hosp, Park Ridge, IL

2:15 Code Neuro Nurses May Improve Door-to-Needle Times in Posterior Circulation Strokes
Debbie Summers, Marilyn Rymer, Jennifer Wessol, Saint Luke’s Hosp, Kansas City, MO

2:30 The Hospital Anxiety and Depression Scale has Limitations in Inpatient Post Stroke Depression Screening
Stephanie L Casal, Anna Finley-Caiffield, Waimei Amy Tai, Stanford Hosp and Clinics, Palo Alto, CA
Short Break

3:00 Does Educating the Pre-hospital Community and Community-at-large Influence tPA Treatment Rates?
Gerald Creel, RN, BS, CCRN, San Angelo, TX

4:00 The Power of Outreach: How Educating The Community Increases The Role of rtPA
Erinn Rindels, Angela Overton, Univ of Iowa Hosp and Clinics, Iowa City, IA

4:15 Feasibility of an Electronic Point-of-Discharge Tablet for Collection of Perception of Stroke Care Quality Data
Fern Cudlipp, Eden Medical Ctr, Castro Valley, CA; Victoria Swartzell, Scottsdale Healthcare – Osborn Campus, Scottsdale, AZ; Dmitri A Alexandrow, Independent Web Consultant, Burlington, VT; Meghan R Freier, Saint-Luke's-Hosp, Kansas City, MO; Tara Rowek, St. Joseph's Regional Medical Ctr, Paterson, NJ; Alexis J Wojner, Health Outcomes Inst, LLC, Fountain Hills, AZ; Anne W Alexandrow, Univ of Alabama at Birmingham, Birmingham, AL

4:30 Factors Affecting Uncertainty in Caregivers of Stroke Survivors
Eesseung Byun, UCSF, San Francisco, CA; Barbara J Riegel, Marilyn S Sommers, Nancy C Tkacs, Lois K Evans, Univ of Pennsylvania, Philadelphia, PA

4:45 Discussion

5:00 Adjourn

1:00 pm – 5:00 pm

Concurrent B – Room 31 Essentials of Standard Clinical Practice and Stroke Center Development
Moderator: Millie Hepburn, PhD (c), RN, ACNS-BC, Nanuet, NY

1:00 Nursing Roles within a Comprehensive Stroke Center: A Focus on Transitions of Care
Wende Fedder, RN, MBA, DNP, FAHA, Elkh Grove Village, IL; Elizabeth Kim, MSN, APN, CNS, Elk Grove Village, IL; Judith Spiker, BSN, Cincinnati, OH; Theresa Terna, BSN, Elk Grove Village, IL

2:00 Measurement of Acute Stroke Nursing Knowledge: Opportunities for Improvement in Stroke Nursing Education
Anne W Alexandrow, Stephen E DiBiase, Artney Patterson Walker, Univ of Alabama at Birmingham, Birmingham, AL; Alexis J Wojner, Health Outcomes Inst, LLC, Fountain Hills, AZ; Barbara B Brewer, Univ of Arizona, Tucson, AZ; Victoria Swartzell, Scottsdale Healthcare – Osborn Campus, Scottsdale, AZ

2:15 The Effects of Introducing a Nurse Practitioner Stroke Champion into the Emergency Department
Chyrsophia VanWyl, Pamela Letzhus, Katherine Clarkson-Afshar, Scripps Health, San Diego, CA

2:30 Retention of Stroke Education Provided During Hospitalization: Increasing Stroke Knowledge or Wasting Resources?
Diane Handler, St. Luke's Hosp, Cedar Rapids, IA; Anne W Alexandrow, Univ of Alabama at Birmingham, Birmingham, AL

2:45 pm – 3:00 pm

Short Break

3:00 What Are the Numbers Telling Us? Use of Multimodal Monitoring in the Detection of Stroke and Its Sequela
Kim Olin, Albuquerque, NM

4:00 Prevalence of Angioedema in Patients Treated with rt-PA within a U.S. National Database
Traci Doolman, Univ of Cincinnati, Cincinnati, OH; Laura Heitshus, Washington Univ, St. Louis, MO; Heidi Sucharew, Cincinnati Childrens Hospital Medical Ctr, Cincinnati, OH; Opeolu Adeoye, Simona Ferroli, Dawn O Kleindorfer, Univ of Cincinnati, Cincinnati, OH

4:15 Impact of Substance Abuse on Timely Treatment with rt-PA: A Population-Based Study
Emily B Gootdoll, Pamela L Kimmel, Univ of Cincinnati, Cincinnati, OH; Heidi Sucharew, Cincinnati Childrens Hospital Medical Ctr, Cincinnati, OH; Kathleen Atwell, Charles J Moomaw, Felipe DE LOS RIOS LA ROSA, Daniel Wo, Matthew Flaherty, Pooja Khatri, Opeolu Adeoye, Simona Ferroli, Univ of Cincinnati, Cincinnati, OH; Jason Mackey, Indiana Univ, Indianapolis, IN; Sharilyn Martin, Brett M Kissela, Dawn O Kleindorfer, Univ of Cincinnati, Cincinnati, OH

4:30 Stroke Mobile: Implementing A Novel Family Centered, Home-based Post-discharge System Of Care
Bethany Jennings, Lynn Eckhardt, Raymond Egger, Antonio Batiquin, Aaron Bridges, Patricia Commiskey, Gregory Dadlez, Ochsner Medical Ctr, New Orleans, LA; Ashley Wennemers, Tulane Univ Sch of Med, New Orleans, LA; Michael Saucier, Kenneth Gaines, Ochsner Medical Ctr, New Orleans, LA

4:45 Discussion

5:00 Adjourn

1:00 pm – 5:00 pm

Concurrent C – Room 30C-D Rehabilitation and Recovery: An Ongoing Process
Moderator: Teri Green, RN, PhD, Calgary, AB, Canada

1:00 Life after Stroke: Long Term Management of the Stroke Patient
Kathy Morrison, MSN, RN, CNRN, Hershey, PA; Bo Norving, MD, PhD, FESC, Lund, Sweden; Marion Walker, PhD, MPhil, Nottingham, United Kingdom

2:00 Road to Recovery after Stroke: Understanding Predictors of Discharge Destination, Functional Independence, and Quality of Life after Hospital Discharge
Laurie Paletz, Pamela Roberts, Harriet Aronow, Sonia Guerra, Tingjian Yan, CEDARS SİNAİ MED CTR, Los Angeles, CA

2:15 Stroke Follow-up: Characteristics of Patients Re-hospitalized to Acute Care 30 Days After Discharge from Rehabilitation
Terrie Black, Joint Commission, Williamsville, NY; Sandra Illig, Caitlin Illig, Taryn Bennett, MedRed Outcomes, Williamsville, NY

2:30 A Better Understanding of Readmission after Stroke by Including Stroke Survivor and Caregiver Perspectives
Carole L White, Tracy L Brady, Laura L Saucedo, Univ of Texas Health Science Ctr at St. Antonio, San Antonio, TX; Deb Motz, Johanna A Sharp, Baptist Health System, San Antonio, TX; Lee A Birnbaum, Univ of Texas Health Science Ctr at St. Antonio, San Antonio, TX

2:45 pm – 3:00 pm

Short Break

3:00 FES and Neuromodulation in Stroke Rehabilitation
Milos Popovic, PhD, PEng, Toronto, ON, Canada

4:00 Performance-based Testing Identifies Cognitive Deficits Missed by Screening Methods Used in Mild Stroke
Dorothy F Edwards, Univ of Wisconsin, Madison, WI; Mary T Morrison, Sister Kenny Rehabilitation Inst, Minneapolis, MN; Gordon M Giles, Samuel Merrit Univ, Oakland, CA

4:15 One Hospital’s Experience in Establishing a Stroke Peer Visitor Program
Carol J Droegemueller, Regions Hosp, Saint Paul, MN

4:30 Objective Fall Risk Detection in Stroke Survivors
Ruth E Taylor-Pillai, Bijan Najafi, Bruce M. Coull, Univ of Arizona, Tucson, AZ

4:45 Discussion

5:00 Adjourn

1:00 pm – 5:00 pm

Concurrent D – Room 28C-D Application of Evidence-based Practice
Moderator: Sarah L Livesay, DNP, RN, ACNP, CNS-A, Houston, TX

1:00 Advancing Stroke Science through Nursing Research
Matthew Gallek, PhD, RN, Tucson, AZ; Valerie Howard, PhD, RN, Ochsner Medical Ctr, New Orleans, LA; Cathy M Lindsay, BScN, MED, PhD, Etobicoke, ON, Canada

1:45 Translating Evidence into Practice: Nurses at the Forefront
Janice L Hinkle, RN, PhD, CNRN, Washington, DC; Patricia M Lindsay, BScN, MED, PhD, Etobicoke, ON, Canada; Elaine T Miller, PhD, RN, CRNA, FAAN, Cincinnati, OH; Hilaire Thompson, Seattle, WA

2:30 Exploring Clinician Perspectives of Treating Acute Stroke with Thrombolytic Therapy: Results of a Multi-center Qualitative Research Study
Elizabeth Gialde, John Spertus, Emily Chhatriviala, Brian Garavalia, Debbie Summers, Marilyn Rymer, Carole Decker, Saint Luke’s Hosp, Kansas City, MO
2:45 pm – 3:00 pm
Short Break

3:00  Cranietomy: A Synthesis of Current Science and Development of Nursing Care Protocol
Sarah L Livesay, DNP, RN, ACNP, CNS-A, Houston, TX

4:00  Improving Stroke Evidenced-Based Best Practices across a Multi-State Healthcare System
Deborah Camp, Atlanta Medical Ctr, Atlanta, GA; Ann Mroz, Tenet Healthcare- Florida Region, Fort Lauderdale, FL; Tina Cronin, Piedmont Medical Ctr, Rock Hill, SC; Maria Fernandez, Tenet Healthcare Corp, Dallas, TX

4:15  HealtheCongregations: Preventing Stroke Through Stroke Tele-education
Patty A Schweickert, Andrea C. Lomboy, Nina Solenski, Univ of Virginia, Charlottesville, VA

4:30  Stroke Length of Stay: Life in the FAST Lane
Mary Beth Zimmermann, Baylor Univ Medical Ctr, Dallas, TX; Diane Trower, Baylor University Medical Ctr, Dallas, TX; Karen Zwerneman, Baylor Regional Medical Ctr at Plano, Plano, TX

4:45  Discussion

5:00  Adjourn

For the most current program information and speakers, please go to strokeconference.org, online Program Planner.


CALL FOR SCIENCE
Thank you for attending the State-of-the-Science Stroke Nursing Symposium 2014. Please don’t forget these important dates for the State-of-the-Science Stroke Nursing Symposium 2015:

Submit Session Ideas
Submit your session suggestions for the Stroke Nursing Symposium 2015.
Suggested Session Submitter Opens: Monday, Feb 10, 2014
Suggested Session Submitter Closes: Monday, March 10, 2014

Submit Your Best Science for Consideration for the Nursing Symposium and the International Stroke Conference 2015
Presenting your science at the Nursing Symposium and ISC offers you many benefits:
• International Impact: Media coverage from around the world resulted in more than 1.4 billion media impressions from nearly 1,500 stories for ISC and the Nursing Symposium 2013.
• Network with Leaders in the Stroke Field: Attend ISC and the Nursing Symposium and discuss your findings with stroke research and practice experts from around the globe.
• Virtual Reach: The ISC and the Nursing Symposium 2013 virtual reach through the AHA/ASA Web site, e-mails, YouTube, Facebook and Twitter activity reached more than 90,000 people daily.
• Published Abstracts: Accepted ISC and Nursing Symposium abstracts will be published online on the Stroke journal Web site.

The International Stroke Conference includes a Nursing abstract category. You may submit nursing abstracts to both the Nursing Symposium and the International Stroke Conference. The same abstract may be submitted for both, but it can only be accepted for and presented at either ISC or the Nursing Symposium.

Submit Abstracts
Submission Opens: Wednesday, May 21, 2014
Submission Closes: Tuesday, Aug 12, 2014

Submit Late-Breaking Science and Ongoing Clinical Trials Abstracts
Submission Opens: Wednesday, Oct 8, 2014
Submission Closes: Wednesday, Nov 5, 2014

The link to submit abstracts and/or session ideas can be found at strokeconference.org/submitscience on the opening date listed above.
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Nashville, Tennessee

Feb 10, 2015  State-of-the-Science Stroke Nursing Symposium
Feb 10, 2015  ISC Pre-Conference Symposia
Feb 11-13, 2015  International Stroke Conference
Feb 11-12, 2015  Exhibits

Call for Abstracts:
May 21 – Aug 12, 2014

Late-Breaking Science and Ongoing Clinical Trials Abstract Submission:
Oct 8 – Nov 5, 2014

Housing & Registration Opens:
FAHA/VIP:  Members*:  Nonmembers:
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**Registration savings depend on membership tier.

Advance Registration Deadline:
Jan 21, 2015

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Thanks to the passion and commitment of healthcare professionals like you, the American Heart Association/American Stroke Association is helping reduce stroke deaths and disability. Our Together to End Stroke initiative is helping people easily recognize the stroke warning signs and know when to get emergency help. Help us end stroke in your community by teaching your patients about F.A.S.T.

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ISC Pre-Conference Symposium I

Stroke in the Real World: Emergency Stroke Care 2014

Tuesday, Feb 11, 2014
San Diego Convention Center
San Diego, California

The American Heart Association/American Stroke Association is grateful to the members of the ISC Pre-Conference Symposium I Program Committee for their dedication and leadership provided throughout the year in planning the program.

Program Committee
Ted Wein, MD, FRCP, FAHA, Chair
Joshua Goldstein, MD, PhD, FAHA
Kama Guluma, MD
Brett M Kissela, MD, MS
Phillip Scott, MD, FAHA
Kyla Becker, MD, FAHA (ISC Program Committee, Vice Chair)
Steven M Greenberg, MD, PhD, FAHA (ISC Program Committee, Chair)

Symposium Description
The Pre-Conference Symposium I of the International Stroke Conference is designed to provide up-to-date information for healthcare professionals caring for patients with stroke. This one-day symposium highlights scientific advances in cerebrovascular disease while emphasizing their application in the real world. This year’s symposium will focus on issues pertinent to the acute management of stroke in the ED and will cover a variety of topics of interest to healthcare providers working in the emergency department such as ED physicians, hospitalists, neurologists, nurses/nurse practitioners, physician assistants, stroke fellows, and pharmacists.

The main focus will be on identifying unusual presentations of stroke; reviewing data on the use of intravenous and intra-arterial therapy; field triage of stroke patients and the utilization of primary stroke centers; treating ICH, SAH and ischemic stroke during the golden hour in the ED; and managing complications of novel anticoagulants as well as a series of interactive breakout sessions. Participants will also have the opportunity to have an informal lunch with the faculty where questions or challenging stroke cases may be discussed.

Learning Objectives
After participating in this activity, participants will be able to:

- Identify unusual presentations of stroke
- Compare intravenous thrombolysis and intrarterial thrombolysis, and deduce which therapy is appropriate for each patient
- Establish when to bypass the closest hospital, and when to transfer from your hospital to a comprehensive stroke center
- Describe medico legal issues in stroke care and available telephone support/telestroke
- Apply LP, CSF sensitivity, specificity of a negative CT, and/or CTA for differential diagnosis
- Discuss ICH, SAH and ischemic stroke in the ED
- Manage NOACS in the ED

Explain:
- The 5 minute neurological exam
- How to dissect dizziness
- The current standard of care for treating TIA and stroke
- Imaging and thrombolysis
- Define who is tracking your performance and what they are publishing about it

Continuing Medical Education Accreditation – Physicians
The American Heart Association is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.


Continuing Medical Education Accreditation – Physician Assistants
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Please note that there is a separate registration fee to attend the ISC Pre-Conference Symposium I.

Tuesday, February 11

Stroke in the Real World: Emergency Stroke Care 2014

9:30 am – 5:00 pm

Plenary Session – Ballroom 20A
Moderators: Theodore Wein, MD, FRCP, FAHA, Montreal, QC, Canada
Joshua Goldstein, MD, PhD, FAHA, Boston, MA

9:30 Welcome
Steven M Greenberg, MD, PhD, FAHA, Boston, MA

9:35 A Wolf in Sheep's Clothing: Identifying Unusual Presentations of Stroke
Kama Guluma, MD, San Diego, CA

10:00 Q&A

10:08 Open Up Your Mind: Revascularization 2014
Phillip Scott, MD, FAHA, Ann Arbor, MI

10:10 Open Up Your Mind: Intravenous Thrombolysis in 2014
Prasanthi Govindarajan, MD, MSc, FRCP, Calgary, AB, Canada

Raul Nogueira, MD, Atlanta, GA

10:40 Open Up Your Mind: Decision Analysis in Thrombolytic Therapy
Michael Hill, MD, MSc, FRCP, Calgary, AB, Canada

10:55 Q&A

11:05 Where Do We Go from Here? Triage in the Field
Prasanthi Govindarajan, MD, MAS, San Francisco, CA

11:20 Q&A

11:25 The New Batmobile: Putting the ED into the Ambulance
Martin Ebinger, MD, Berlin, Germany

11:35 Q&A

11:40 Sue-sue-sue Ya! Medico Legal Issues in Stroke Care
Dale Hebert, JD, Ann Arbor, MI

11:55 Q&A

12:00 Stand By Me: Who's Backing You Up?
Natalia S Rost, MD, MA, Boston, MA

12:12 Q&A

Lunch with the Faculty: Ask Your Questions
Ballroom 20D
All Faculty (A boxed lunch will be provided.)

1:15 pm – 3:00 pm

Moderators: Brett M Kissela, MD, MS, Cincinnati, OH
Kama Guluma, MD, San Diego, CA

1:15 Not Tonight; I Have a Headache
Peter Panagis, MD, St Louis, MO

1:30 Q&A

1:37 The Golden Hour: ICH in the ED
Opeolu Adeoye, MD, Cincinnati, OH

1:47 The Golden Hour: SAH in the ED
J Claude Hemphill III, MD, MS, FAAN, San Francisco, CA

1:57 The Golden Hour: Ischemic Stroke in the ED
Laura Heitsch, MD, St Louis, MO
The pre-clinical modeling of stroke occupies a key phase in the translational science of stroke therapeutics. Pre-clinical modeling of stroke serves as the primary avenue for discovery of new biological processes in cell death and neural repair. Pre-clinical modeling also serves in the intermediate stages of drug development. As the clinical science of stroke evolves, so, too, does the pre-clinical science in animal modeling of stroke.

This pre-conference course on new developments in animal modeling of stroke will provide a direct and interactive symposia with highly published investigators in the field that have developed new stroke models with these next generation of advancements.

**Learning Objectives**

After participating in this activity, participants will be able to:

- Cite the goals in using pre-clinical models of stroke
- Identify the current animal models of stroke and their limitations
- Explain the inclusion of age, female sex, and diabetes in stroke animal modeling
- Discuss new motor and somatosensory outcome measures in rodent models of stroke
- Describe the role and application of large animal models of stroke

**Animal Models 2.0: Co-morbid Conditions, Optogenetics and Other New Directions**

This pre-conference course on new developments in animal modeling of stroke will provide a direct and interactive symposia with highly published investigators in the field that have developed new stroke models with these next generation of advancements.

**Learning Objectives**

After participating in this activity, participants will be able to:

- Cite the goals in using pre-clinical models of stroke
- Identify the current animal models of stroke and their limitations
- Explain the inclusion of age, female sex, and diabetes in stroke animal modeling
- Discuss new motor and somatosensory outcome measures in rodent models of stroke
- Describe the role and application of large animal models of stroke

**Continuing Medical Education Accreditation – Physicians**

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For full CME/CE accreditation information on the International Stroke Conference’s Pre-Conference Symposium II: Animal Models 2.0: Co-morbid Conditions, Optogenetics and Other New Directions, please visit strokeconference.org

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Please note that there is a separate registration fee to attend the ISC Pre-Conference Symposium II.

**Tuesday, February 11**

**Animal Models 2.0: Co-morbid Conditions, Optogenetics and Other New Directions**

**1:00 pm – 4:00 pm**

**Ballroom 208C**

**Moderator:** S Thomas Carmichael, MD, PhD, Los Angeles, CA

**1:00** Overview and Introduction
S Thomas Carmichael, MD, PhD, Los Angeles, CA

**1:05** Female Sex and Age in Animal Models of Stroke
Louise D McCullough, MD, PhD, Farmington, CT

**1:40** New and More Sophisticated Pre-clinical Stroke Outcome Measures
Theresa A Jones, PhD, Austin, TX

**2:15** Imaging the Impact of Diabetes on Stroke Damage and Recovery
Craig E Brown, MD, Victoria, BC, Canada

**2:50** Primate Models of Stroke Neuroprotection and Neural Repair
DJ Cook, MD, Kingston, ON, Canada

**3:25** Discussion
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**Submission Site:** jaha-submit.aha-journals.org

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**Wednesday, February 12 (7:00 am – 8:30 am)**

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<th>Cerebral Large Artery Disease</th>
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<tbody>
<tr>
<td>Session Title</td>
<td>Ultrafast Door to Recanalization Time Using Endovascular Therapy: How Do We Change Practice?</td>
<td>Non-atherosclerotic Vasculopathies</td>
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<tr>
<td>Session Type</td>
<td>Invited Symposium</td>
<td>Invited Symposium</td>
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<tr>
<td>Room</td>
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<td>28A-D</td>
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<tr>
<td>Moderator(s)</td>
<td>Sandra Naryan, MD, Detroit, MI Helmi Lutsep, MD, FAHA, Portland, OR Wouter Schievink, MD, Los Angeles, CA Hugh Markus, MD, FRCP, Cambridge, United Kingdom</td>
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<tr>
<td>7:00</td>
<td>Impact of Reducing Door to Balloon Times on Clinical Outcomes in STEMI William A Gray, MD, New York, NY</td>
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<td>7:19</td>
<td>Door In, Door Out Times in Transferred Endovascular Patients Rishi Gupta, MD, Atlanta, GA</td>
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<td>7:38</td>
<td>The Impact of Multimodal Imaging on Times to Reperfusion: Is It Worth It? Muhammad Shahzam Hussain, MD, FRCP, Cleveland, OH</td>
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<td>7:57</td>
<td>Ultrafast Door to Groin Puncture Times in Clinical Trials: Lessons from ESCAPE and SWIFT-PRIME Mayank Goyal, MBBS, MD, FRCP, Calgary, AB, Canada</td>
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<td>8:15</td>
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<tr>
<th>Category</th>
<th>Acute Neuroimaging</th>
<th>Basic and Preclinical Neuroscience of Stroke Recovery</th>
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<td>Acute Neuroimaging Oral Abstracts I</td>
<td>Basic and Preclinical Neuroscience of Stroke Recovery Oral Abstracts I</td>
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<td>Moderator(s)</td>
<td>Peter D Schellinger, MD, PhD, FESO, FAHA, Minden, Germany Carlos A Molina, MD, Barcelona, Spain S Thomas Carmichael, MD, PhD, Los Angeles, CA Jill Roberts, PhD, Lexington, KY</td>
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<tr>
<td>7:00</td>
<td>Antegrade Flow Across An Intracranial Occlusion Can Be Reliably Assessed On Ct Perfusion Source Images And It Predicts Recanalization With Intraavenous Tpa</td>
<td>Sachin Mishra, Foothills Medical Ctr, Calgary, AB, Canada Andrew Demchuk, Foothills Medical Ctr, Calgary, AB, Canada</td>
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<tr>
<td>7:12</td>
<td>Extensive Collateral Recruitment after Intravenous Thrombolysis in Acute Ischemic Stroke is Associated with Symptomatic Intracranial Haemorrhage 2</td>
<td>Leonard Yeo, NHHS, Singapore, Singapore Vijay Sharma, NHHS, Singapore, Singapore</td>
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<tr>
<td>7:24</td>
<td>Collaterals, not Clots! CT Angiography Predictors of Recanalization, Reperfusion and Clinical Outcomes After Thrombectomy in Pooled Analyses of TREVO EU and TREVO2 3</td>
<td>David S Liebeskind, UCLLA, Los Angeles, CA Raul G Nogueira, Emory Univ Sch of Med, Atlanta, GA</td>
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<tr>
<td>7:36</td>
<td>Excellent Collaterals in STAR: Minimal Infarct Core Trumps the Degree of Hypoperfusion 4</td>
<td>David S Liebeskind, UCLLA, Los Angeles, CA Raul G Nogueira, Emory Univ Sch of Med, Atlanta, GA</td>
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<tr>
<td>7:48</td>
<td>Dynamic Perfusion Assessment of Collateral Blood Flow in MCA Occlusion as Indicator of Tissue Fate 5</td>
<td>Korsten Villinger, Academic Neuroradiology, Berlin, Germany Jochen B Fiebach, Academic Neuroradiology, Berlin, Germany</td>
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<td>8:00</td>
<td>Response To Thrombolysis Treatment In Ischemic Stroke Patients With And Without Arterial Occlusion On Computed Tomographic Angiography: The Third International Stroke Trial 6</td>
<td>Joanna M Wardlaw, Univ of Edinburgh, Edinburgh, United Kingdom Peter A Sandercoc, Univ of Edinburgh, Edinburgh, United Kingdom</td>
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<td>8:12</td>
<td>Differential Effect Of Baseline Cta Collateral Status On Clinical Outcomes In Patients Enrolled In The Ims-3 Trial 7</td>
<td>Bijoy K Menon, Univ of Calgary, Calgary, AB, Canada Andrew M Demchuk, Univ of Calgary, Calgary, AB, Canada</td>
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<tr>
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<td>Discussion</td>
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**Short Break (8:30 am – 8:40 am)**
### Wednesday, February 12 (7:00 am – 8:30 am)

<table>
<thead>
<tr>
<th>Category</th>
<th>Community/Risk Factors</th>
<th>Vascular Biology in Health and Disease</th>
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<tr>
<td>Session Title</td>
<td>What Is the Ideal Diet for Stroke Prevention?</td>
<td>Obstructive Sleep Apnea, Cerebrovascular Dysfunction, and Vascular Cognitive Impairment</td>
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<tr>
<td>Moderator(s)</td>
<td>Tanya Turan, MD, FAHA, Charleston, SC Graeme J Hankey, MBBS, MD, FRCP, FRCF, FRACP, Perth, Australia</td>
<td>Oleg Chernyshov, MD, PhD, Houston, TX Robert M Bryan, PhD, Houston, TX</td>
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<tr>
<td>7:00</td>
<td>Diet and Risk of Stroke: Potential Pathophysiologic Mechanisms at Play Amytis Tonfighi, MD, Los Angeles, CA</td>
<td>Neurovascular Dysfunction in Chronic Intermittent Hypoxia Costantino Iadecola, MD, FAHA, New York, NY</td>
</tr>
<tr>
<td>7:19</td>
<td>Qualitative and Quantitative Contributions of Various Dietary Patterns to Incident Stroke Bernadette Boden-Albala, MPH, DrPH, New York, NY</td>
<td>Increased Cerebrovascular Sensitivity to ET-1 in a Rat Model of Obstructive Sleep Apnea David J Duran, PhD, Houston, TX</td>
</tr>
<tr>
<td>7:38</td>
<td>Dietary Interventions Shown to Lower Stroke Risk Cheryl Anderson, PhD, MPH, MS, San Diego, CA</td>
<td>Neurobiology and Neuropathophysiology of Obstructive Sleep Apnea S Veasey, MD, Philadelphia, PA</td>
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<td>8:15</td>
<td>Discussion</td>
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### Category: Outcomes, Quality and Health Services Research

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<th>Outcomes, Quality and Health Services Research Oral Abstracts I</th>
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<tr>
<td>Session Type</td>
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<tr>
<td>Room</td>
<td>30A-D</td>
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<tr>
<td>Moderator(s)</td>
<td>Kamakshi Lakshminarayan, MD, PhD, Minneapolis, MN Peter A Sandercock, MD, FRCP, Edinburgh, United Kingdom</td>
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<tr>
<td>7:00</td>
<td>Differential Impact Of Comprehensive Stroke Care Capacity On In-hospital Mortality After Stroke-j-aspect Study 15 Koji Iihara, National Cerebral and Cardiovascular Ctr, Suita, Japan Kenichi Morita, National Cerebral and Cardiovascular Ctr, Suita, Japan</td>
</tr>
<tr>
<td>7:12</td>
<td>Regional Variation in the Physician Case Volume for Carotid Artery Stenting (CAS) vs Carotid Endarterectomy (CEA) 16 Hiraku Komamur, Harvard Sch of Public Health, Boston, MA Soko Setoguchi, Duke Clinical Res Inst, Durham, NC</td>
</tr>
<tr>
<td>7:24</td>
<td>Ischemic Stroke Profile, Risk factors and Outcomes in India: the Indo-US Stroke Project 17 PN Sylaja, Sree Chitra Tirunal Institute for Medical Sciences and Technology, Thiruvananthapuram, India Aneesh Singhal, Massachusetts General Hosp, Boston, MA</td>
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<tr>
<td>7:36</td>
<td>Does Quality Improvement Training Add to Audit and Feedback for Inpatient Stroke Care Processes? 18 Linda S Williams, Routdebush VA Medical Ctr, Indianapolis, IN Teresa Damush, Routdebush VA Medical Ctr, Indianapolis, IN</td>
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<tr>
<td>7:48</td>
<td>Hospital Level Variation in Do-not-resuscitate Orders for Ischemic Stroke Patients: Implications for National Hospital Comparisons 19 Adam G Kelly, Univ of Rochester, Rochester, NY James F Burke, Univ of Michigan, Ann Arbor, MI</td>
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<tr>
<td>8:00</td>
<td>Relationship Between Physician Annual Volume And Stroke Mortality - Results From The Ontario Stroke Registry 20 Jingming Fang, ICES, Toronto, ON, Canada Moira Kapral, Univ of Toronto, Toronto, ON, Canada</td>
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<tr>
<td>8:12</td>
<td>Are Stroke Outcomes Influenced By New Starting Residents? The July Effect: Myth Or Reality? 21 Tai Hwan Park, Seoul Medical Ctr, Seoul, Korea, Republic of Gustavo Saposnik, St Michael’s Hosp, Univ of Toronto, Toronto, ON, Canada</td>
</tr>
<tr>
<td>8:24</td>
<td>Discussion</td>
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The number listed immediately after the abstract's title is the abstract's presentation number.
## Wednesday, February 12 (8:40 am – 10:10 am)

<table>
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<th>Category</th>
<th>Diagnosis of Stroke Etiology</th>
<th>Intracerebral Hemorrhage</th>
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<td>Session Title</td>
<td>Diagnosis of Stroke Etiology Oral Abstracts</td>
<td>Intracerebral Hemorrhage Oral Abstracts I</td>
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<td>Room</td>
<td>Ballroom 20A</td>
<td>30A-D</td>
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<tr>
<td>Moderator(s)</td>
<td>Karen L Furie, MD, MPH, FAHA, Boston, MA</td>
<td>Christopher D Anderson, MD, Boston, MA</td>
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</table>

### Session 1: 8:40 am
- **New Silent Brain Infarcts after Coronary Artery Bypass Graft Surgery: Lesion Patterns, Mechanism, and Predictors**
  - Hyun-Wook Nah, Dong-A Univ, Busan, Korea, Republic of Korea
  - Dong-Wha Kang, Asan Medical Ctr, Seoul, Korea, Republic of Korea

- **The Surgical Trial in Lobar Intracerebral Haemorrhage - Analysis of Crossover Patients**
  - Barbara A Gregson, Newcastle Univ, Newcastle Upon Tyne, United Kingdom

### Session 2: 8:52 am
- **Neuroimaging and Echocardiographic Predictors of Paroxysmal Atrial Fibrillation on Outpatient Mobile Cardiac Outpatient Telemetry in Cryptogenic Ischemic Stroke and TIA Patients**
  - Omar Kass-Hout, Emory Sch of Med, Atlanta, GA
  - Fadi Nahab, Emory Sch of Med, Atlanta, GA

- **Association Of Fluid Levels, Density Heterogeneity And Irregular Margins On Baseline Non-contrast Computerized Tomography With Significant Hematoma Expansion in Intracerebral Hemorrhage**
  - Ultrasound Blaique, Univ of Ottawa, Ottawa, ON, Canada
  - Dar Dowlatabadi, Univ of Ottawa, Ottawa, ON, Canada

### Session 3: 9:04 am
- **Predictors of Occult Atrial Fibrillation in Cryptogenic Stroke**
  - Scott E Kasner, Univ of Pennsylvania, Philadelphia, PA

- **Ultraearly Hematoma Growth: Multicenter External Validation Of The Adjustment Of Intracerebral Hemorrhage Volume By Onset-to-imaging Time**
  - David Rodriguez-Luna, Stroke Unit, Vall d’Hebron Univ Hosp, Barcelona, Spain
  - Carlos A Molina, Stroke Unit, Vall d’Hebron Univ Hosp, Barcelona, Spain

### Session 4: 9:16 am
- **Paroxysmal Atrial Fibrillation is Common in Patients With Defined Etiology for Stroke: Prolonged Monitoring of Cardiac Rhythm for Detection of Atrial Fibrillation After a Cerebral Ischemic Event (PEAAC Study)**
  - Esseddeeg M Shrooda, Univ of Alberta, Edmonton, AB, Canada
  - Aftab Shuaib, Univ of Alberta, Edmonton, AB, Canada

- **Optimal Threshold for Defining Early Clinical Deterioration as a Predictor of Poor Outcome in Acute Intracerebral Hemorrhage**
  - Nerses Sanossian, Univ of Southern California, Los Angeles, CA
  - Jeffrey L Saver, UCLA Stroke Ctr, Los Angeles, CA

### Session 5: 9:28 am
- **Agreement Between TOAST And CCS Classification In SIGN**
  - Patrick F Mcardle, Univ of Maryland, Baltimore, MD
  - Brad B Worrall, Univ of Virginia, Charlottesville, VA

- **Cerebral Blood Flow in Leukoaraiosis Regions is Unaffected by Acute Lowering of Blood Pressure in Intracerebral Hemorrhage Patients**
  - Mahesh Kate, University of Alberta, Edmonton, AB, Canada
  - Kenneth Buccher, University of Alberta, Edmonton, AB, Canada

### Session 6: 9:40 am
- **Sleep Apnea and Ischemic Stroke Subtype: the BASIC Sleep Project**
  - Devin L Brown, Univ of Michigan, Ann Arbor, MI

- **Hypercoagulable Response After Intracerebral Hemorrhage Does Not Occur In Patients With Hematoma Enlargement**
  - Jorge Kawane-Castillo, Univ of Texas at Houston, Houston, TX
  - James Grotta, Univ of Texas at Houston, Houston, TX

### Session 7: 9:52 am
- **“Defining The Undefined”- Rapidly Improving Stroke Symptoms: A Systematic Review of the Literature**
  - Pirouz Pirzad, SUNY Downstate Medical Ctr, Brooklyn, NY
  - Steven R Levine, SUNY Downstate Medical Ctr, Brooklyn, NY

- **Stabilizing Bleeding Prior To Acute Therapies for Spontaneous Intracerebral Hemorrhage**
  - Wendy Ziai, Johns Hopkins Univ School of Medicine, Baltimore, MD

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### Category: Aneurysm

<table>
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<th>Session Title</th>
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<td>Session Title</td>
<td>Flow Diversion for Unruptured Aneurysms</td>
<td>Treating Stroke in the Field: Lessons from the First Generation of Prehospital Stroke Trials</td>
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<td>Session Type</td>
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<td>Room</td>
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<tr>
<td>Moderator(s)</td>
<td>Michael Kelly, MD, PhD, FRCS, Saskatoon, SK, Canada</td>
<td>Natalia S Rost, MD, MA, Boston, MA</td>
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</table>
  - J Mocco, MD, MS, Nashville, TN | Robert Silverglate, MD, FAHA, Ann Arbor, MI |
| 8:40 | The History of Flow Diversion | Getting it RIGHT: Blood Pressure Moderation in the Field |
  - Peter K Nelson, MD, New York, NY | Philip M Bath, BSc, MB, BS, MD, FRCP, FRCPath, FRCP, FESC, Nottingham, United Kingdom |
| 8:59 | Biophysical Properties and Clinical Correlates of Flow-diverting Stents | Telescore in the Field: From Hub-and-Spoke to Hub-and-Truck? |
  - David F Kallmes, MD, Rochester, MN | Thomas Liman, MD, MSc, Berlin, Germany |
| 9:18 | Indications and Contraindications for Flow Diversion | Complications of Flow Diversion |
  - Vitor M Pereira, MD, MSc, Geneva, Switzerland | Adnan Siddiqui, MD, PhD, Buffalo, NY |
| 9:37 | Bringing the Hospital to the Patient: TPA Treatment on Scene with a Mobile CT Scanner | Discussion |
  - Heinrich Audebert, MD, Berlin, Germany | Discussion |
<p>| 9:55 | Discussion | Discussion |</p>
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<th>Category</th>
<th>Pediatric Stroke</th>
<th>Vascular Biology in Health and Disease</th>
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<td>Pediatric Stroke Oral Abstracts</td>
<td>Vascular Biology in Health and Disease Oral Abstracts</td>
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<td>Moderators</td>
<td>Seung-Hoon Lee, MD, PhD, Seoul, Korea, Republic of Korea</td>
<td>Steven Pavlakis, MD, Brooklyn, NY</td>
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<td>Time</td>
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<tr>
<td>Title</td>
<td>Parvovirus B19 DNA Prevalence is Increased in Pediatric Stroke Patients</td>
<td>Increased Activation of Inflammatory Genes in Monocytes of Healthy People with Ischemic White Matter Disease</td>
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<tr>
<td>Authors</td>
<td>Jorge M Luna, Columbia Univ, New York, NY</td>
<td>Paul A Nyquist, Johns Hopkins, Baltimore, MD</td>
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<td>Mitchell S Elkind, Columbia Univ, New York, NY</td>
<td>Diane M Becker, Johns Hopkins, Baltimore, MD</td>
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<tr>
<td>Time</td>
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<tr>
<td>Title</td>
<td>Pediatric Brain Attacks: Differentiating Between Stroke and Mimics in the Emergency Room</td>
<td>Global Hypomethylation And Promoter Hypomethylation Of FIT1 Concurrently Occured In Atherosclerotic Tissues</td>
</tr>
<tr>
<td>Authors</td>
<td>Mark T Mackay, The Royal Children's Hosp, Melbourne, Australia</td>
<td>Jo Kim, Chungnam Natl Univ Hosp, Daejeon, Korea, Republic of Korea</td>
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<td>Time</td>
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<tr>
<td>Title</td>
<td>Herpes Viruses in Childhood Arterial Ischemic Stroke: Interim Results of the VIPS Study</td>
<td>| Carotid Intima-Media Thickness is Associated with White Matter Hyperintensity</td>
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<tr>
<td>Authors</td>
<td>Heather J Fullerton, Univ of California, San Francisco, CA</td>
<td>Volume: The Northern Manhattan Study</td>
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<td>Gabrielle A DeVeber, Hosp for Sick Children, Toronto, ON, Canada</td>
<td>Matthew S Markert, The Univ of Kansas, Kansas City, KS</td>
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<td>Time</td>
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<tr>
<td>Title</td>
<td>Infection, Vaccination, and Childhood Stroke: Preliminary Results of the Vascular Effects of Infection in Pediatric Stroke (VIPS) Study</td>
<td>Leukoaraisis Evolves Through Discrete Acute Ischemic Injuries: Weekly Diffusion Tensor Imaging and T2 Relaxometry at 16 Time Points</td>
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<tr>
<td>Authors</td>
<td>Nancy K Hills, Univ of California, San Francisco, CA</td>
<td>John Conklin, Univ of Toronto, Toronto, ON, Canada</td>
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<td>Heather J Fullerton, Univ of California, San Francisco, CA</td>
<td>Daniel M Mandell, Univ of Toronto, Toronto, ON, Canada</td>
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<tr>
<td>Time</td>
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<tr>
<td>Title</td>
<td>The Impact of an Institutional Acute Stroke Protocol on Time to Treatment of Childhood Stroke</td>
<td>Proteomic Profiling of Acute Stroke Patients Highlights the Importance of vWF and vWF-cleaving Protease (ADAMTS13) in Thrombolysis</td>
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<tr>
<td>Authors</td>
<td>Melissa Shack, The Hosp for Sick Children, Toronto, ON, Canada</td>
<td>MingMing Ning, Mass General Hosp/Harvard Med Sch, Boston, MA</td>
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<td>Gabrielle A DeVeber, The Hosp for Sick Children, Toronto, ON, Canada</td>
<td>Eng H Lu, Mass General Hosp/Harvard Med Sch, Boston, MA</td>
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<td>Time</td>
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<tr>
<td>Title</td>
<td>Care Seeking Behaviours in Childhood Arterial Ischemic Stroke</td>
<td>Cd73 Regulation of Netrin-1 Expression in Brain Ischemia</td>
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<tr>
<td>Authors</td>
<td>Mark T Mackay, The Royal Children's Hosp, Parkville, Australia</td>
<td>Danica Petrovic-Djergovic, Univ of Michigan, Ann Arbor, MI</td>
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<td>Paul T Monagle, The Royal Children's Hosp, Parkville, Australia</td>
<td>David J Pinsky, Univ of Michigan, Ann Arbor, MI</td>
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<td>Time</td>
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<tr>
<td>Title</td>
<td>Chronic Endothelial Activation in Childhood Arterial Ischemic Stroke</td>
<td>Deletion of Mira 17-92 in Cerebral Endothelial Cells Induces Disruption of BBB</td>
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<tr>
<td>Authors</td>
<td>Timothy J Bernard, Univ of Colorado Denver; Colorado Children's Hosp, Denver, CO</td>
<td>Ruiyan Zhang, Henry Ford Hosp, Detroit, MI</td>
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<td>Marilyn J Manco-Johnson, Univ of Colorado Denver, Denver, CO</td>
<td>Zheng Gang Zhang, Henry Ford Hosp, Detroit, MI</td>
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### Wednesday, February 12 (10:30 am – 12 Noon)

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| Moderator(s)  | Steven M Greenberg, MD, PhD, FAHA, Boston, MA  
Kyra Becker, MD, FAHA, Seattle, WA |
| 10:30         | AHA Presidential Address  
Mariell Jessup, MD, FAHA, Philadelphia, PA |
| 10:45         | ISC Program Chair Welcome  
Steven M Greenberg, MD, PhD, FAHA, Boston, MA |
| 10:52         | NIH Stroke Trial Network  
Joseph Broderick, MD, FAHA, Cincinnati, OH |
| 10:57         | Introduction of the Robert G Siekert New Investigator Award in Stroke  
Kyra Becker, MD, FAHA, Seattle, WA |
| 10:59         | Robert G Siekert New Investigator Award in Stroke  
Subjective Judgments of Physicians and Nurses Are More Accurate Than Formal Clinical Scales in Predicting Functional Outcome After Intracerebral Hemorrhage  
David Y Hwang, Yale Univ Sch of Med, New Haven, CT  
Kevin N Sheth, Yale Univ Sch of Med, New Haven, CT |
| 11:11         | The Urico-ictus Study: A Randomized Trial of Efficacy and Safety of Uric Acid Administration in Acute Stroke  
LB1  
Angel Chamorro, Hosp Clinic Barcelona, Barcelona, Spain  
Anna M Planas, Ctr Superior Investigaciones Científicas, Barcelona, Spain |
| 11:23         | Impact of Treatment Delay, Age and Stroke Severity on the Effects of Intravenous Thrombolysis With Alteplase in Acute Ischemic Stroke: An Individual-patient-data Meta-analysis  
LB2  
Jonathan R Emberson, Univ of Oxford, Oxford, United Kingdom  
Werner Hacke, Univ of Heidelberg, Heidelberg, Germany;  
| 11:35         | Introduction of the David G Sherman Lecture  
Steven M Greenberg, MD, PhD, FAHA, Boston, MA |
| 11:40         | David G Sherman Lecture:  
Considering the Future of Academic Vascular Neurology  
Marc Fisher, MD, FAHA, Worcester, MA |
| 11:50         | Short Break (12 Noon – 12:10 PM) |

### Wednesday, February 12 (12:10 pm – 1:30 pm)

<table>
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<th>Fellow and Early Career Luncheon: Developing Successful Career Paths in Stroke</th>
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<tr>
<td>Moderator(s)</td>
<td>Pooja Khatri, MD, FAHA, Cincinnati, OH</td>
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</table>
| 12:10         | Introduction  
Pooja Khatri, MD, FAHA, Cincinnati, OH |
| 12:15         | The Path to a Successful Stroke Clinical Trialist  
Marc I Chimowitz, MD, FAHA, Charleston, SC |
| 12:30         | The Path to a Successful Stroke Basic Scientist  
Michael Tymianski, MD, PhD, FRCS, Toronto, ON, Canada |
| 12:45         | The Path to a Successful Stroke Director  
Marilyn M Rymer, MD, FAHA, Kansas City, KS |
| 1:00          | Discussion |

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<tr>
<td>Room</td>
<td>29 (Ticket required; seating is limited)</td>
</tr>
</tbody>
</table>
| Moderator(s)  | Kelly Anderson, BSN, Murray, UT  
Lorie Richards, PhD, OTRL, Salt Lake City, UT |
| 12:15         | The Impact of Current and Future Healthcare Trends, Relative to Stroke Care  
John D Ward, Allentown, PA |
| 12:30         | Collaboration between Nurses, Patients, Families, Physical Therapists, and Occupational Therapists  
Daiwai Olson, PhD, RN, CCOR, Dallas, TX |
| 1:00          | (1:15) Discussion |

Science and Technology Hall (Exhibits)  
Lunch Break  
Hall F
Connect the World to Stroke Science

Save the Date for the
International Stroke Conference 2015!
Nashville, Tennessee

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<th>Event</th>
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<tr>
<td>Feb 10, 2015</td>
<td>State-of-the-Science Stroke Nursing Symposium</td>
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<tr>
<td>Feb 10, 2015</td>
<td>ISC Pre-Conference Symposia</td>
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<tr>
<td>Feb 11-13, 2015</td>
<td>International Stroke Conference</td>
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<tr>
<td>Feb 11-12, 2015</td>
<td>Exhibits</td>
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Call for Abstracts:
**May 21 – Aug 12, 2014**

Late-Breaking Science and Ongoing Clinical Trials Abstract Submission:
**Oct 8 – Nov 5, 2014**

Housing & Registration Opens:
- **FAHA/VIP:** Oct 1, 2014
- **Members**: Oct 8, 2014
- **Nonmembers:** Oct 15, 2014

*Must be an AHA/ASA Professional Member by Sept 17, 2014 to qualify for the opening of priority registration and housing.

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**Registration savings depend on membership tier.

Advance Registration Deadline:
**Jan 21, 2015**

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<th>Category</th>
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<th>Clinical Rehabilitation and Recovery</th>
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<tbody>
<tr>
<td>Session Title</td>
<td>Non-neuronal Targets for Stroke Therapy</td>
<td>Exercise after Stroke: Evidence and Application</td>
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<tr>
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<td>Room</td>
<td>30A-D</td>
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<tr>
<td>Moderator(s)</td>
<td>Shameena Bake, PhD, Bryan, TX</td>
<td>Steven Cramer, MD, Orange, CA</td>
</tr>
<tr>
<td></td>
<td>Jerome Badaut, PhD, Loma Linda, CA</td>
<td>Julie Bernhardt, PhD, BSC, Melbourne, Australia</td>
</tr>
<tr>
<td>1:30</td>
<td>Role of the Endothelial Cell alpha1beta1 integrin and the Blood-Brain Barrier Following Stroke</td>
<td>Understanding Exercise Physiology in Medicine and Stroke Rehabilitation</td>
</tr>
<tr>
<td></td>
<td>Gregory Bix, MD, PhD, Lexington, KY</td>
<td>Sandra Billinger, PT, PhD, FAHA, Kansas City, KS</td>
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<tr>
<td>(1:45) Stroke Severity in Aging Is Associated with Reduced Functional Capacity of Astrocytes</td>
<td>The Impact of Stroke and Physical Inactivity on Metabolic Health and Skeletal Muscle: Evidence for Exercise</td>
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<td></td>
<td>Farida Sohrabji, PhD, College Station, TX</td>
<td>Alice Ryan, PhD, Baltimore, MD</td>
</tr>
<tr>
<td>1:49</td>
<td>(2:00) Microglial Cells Protect Neurovascular Integrity in Post-ischemic Neonatal Brain</td>
<td>Is Physical Activity ‘Exercise’ in Acute Stroke?</td>
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<td></td>
<td>Zinaida Vexler, PhD, San Francisco, CA</td>
<td>Toby Cumming, BBSc (Hons), PhD, Melbourne, Australia</td>
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<tr>
<td>2:08</td>
<td>Regulatory B Cells in Experimental Stroke</td>
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<td>Halina Offer, MD, Portland, OR</td>
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<tr>
<td>2:15</td>
<td>Neural Progenitor Biology and White Matter Repair after Subcortical Stroke</td>
<td>(2:27) Post-stroke Exercise: Translating Evidence to Practice</td>
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<td></td>
<td>S Thomas Carmichael, MD, PhD, Los Angeles, CA</td>
<td>Gillian E Mead, MD, Edinburgh, United Kingdom</td>
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<tr>
<td>2:45</td>
<td>Discussion</td>
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<tr>
<th>Category</th>
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<th>In-hospital Treatment</th>
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<tr>
<td>Session Title</td>
<td>Community/Risk Factors Oral Abstracts I</td>
<td>In-hospital Treatment Oral Abstracts</td>
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<tr>
<td>Session Type</td>
<td>Abstract</td>
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<tr>
<td>Room</td>
<td>Ballroom 20BC</td>
<td>Ballroom 20A</td>
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<tr>
<td>Moderator(s)</td>
<td>Maria Aguilar, MD, Phoenix, AZ</td>
<td>Steven R Levine, MD, Brooklyn, NY</td>
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<td></td>
<td>Kazumori Toyoda, MD, Saita, Japan</td>
<td>Martin Ebinger, MD, Berlin, Germany</td>
</tr>
<tr>
<td>1:30</td>
<td>Oral Contraceptive Use and Incident Stroke in Women with Sickle Cell Disease</td>
<td>Safety Of Early And Urgent Carotid Endarterectomy (CEA) in Symptomatic Carotid Artery Stenosis (pCAS): An International, Multicenter Study</td>
</tr>
<tr>
<td></td>
<td>Adnan I Qureshi, Zeenat Qureshi Stroke Inst and CentraCare Health, St, Cloud, MN</td>
<td>Georgios Tsivgoulis, Sch of Med, Univ of Athens, Athens, Greece</td>
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<tr>
<td></td>
<td>M Fareed K Suri, Zeenat Qureshi Stroke Inst and CentraCare Health, St, Cloud, MN</td>
<td>Spyros N Vasdekis, Sch of Med, Univ of Athens, Athens, Greece</td>
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<tr>
<td>1:42</td>
<td>Effects of Vascular Risk Factors on Microstructural White Matter: A Voxel-Based Longitudinal Diffusion Tensor Imaging Study</td>
<td>Rates of In-Hospital Adverse Events and Discharge Outcomes Among Ischemic Stroke Patients Admitted to Joint Commission Primary Stroke Centers in United States</td>
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<tr>
<td></td>
<td>Pauline Maillard, Univ of California Davis, Davis, CA</td>
<td>Sagib A Chaudhry, Michigan State Univ, East Lansing, MI</td>
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<tr>
<td></td>
<td>Charles DeCarli, Univ of California Davis, Davis, CA</td>
<td>Adnan I Qureshi, Zeenat Qureshi Stroke Inst and CentraCare Health, St, Cloud, MN</td>
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<tr>
<td>1:54</td>
<td>Brainstem Infarction is Associated with Sleep Apnea: the BASIC Sleep Project</td>
<td>Patients With Ischemic Stroke Have More Than Three-Fold Higher Rates of In-Hospital Mortality If Their Troponin is Elevated</td>
</tr>
<tr>
<td></td>
<td>Devin L Brown, Univ of Michigan, Ann Arbor, MI</td>
<td>Krish V Peddada, Saint Louis Univ Sch of Med, St, Louis, MO</td>
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<td>Lynda D Lisabeth, Univ of Michigan, Ann Arbor, MI</td>
<td>Joshua M Stolker, Saint Louis Univ, St, Louis, MO</td>
</tr>
<tr>
<td>2:06</td>
<td>Recurrent Stroke in the Warfarin versus Aspirin in Reduced Ejection Fraction (WARCEF) Trial</td>
<td>Inpatient Statin Use in Intracerebral Hemorrhage is Strongly Associated With Improved Survival</td>
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<td></td>
<td>Patrick Pullicino, SGUL, Canterbury, United Kingdom</td>
<td>Alexander Flint, Kaiser Permanente, Redwood City, CA</td>
</tr>
<tr>
<td></td>
<td>Shunichi Homma, Columbia Univ Medical Ctr, New York, NY</td>
<td>S Claiborne Johnston, UCSF, San Francisco, CA</td>
</tr>
<tr>
<td>2:18</td>
<td>Procalcitonin, Copeptin And Midregional Pro-atrial Natriuretic Peptide As Markers Of Ischemic Stroke Risk: The Northern Manhattan Study</td>
<td>Safety and Feasibility of Acute Dabigatran Therapy in Minor Ischemic Stroke Patients Without Atrial Fibrillation</td>
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<td></td>
<td>Mira Katan, Univ Hosp of Zurich (and Columbia Univ), Zurich (and New York), Switzerland</td>
<td>Ken Butcher, The Univ of Alberta, Edmonton, AB, Canada</td>
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<td></td>
<td>Mitchell S Elkind, Columbia Univ, New York, NY</td>
<td>Ashfaq Shuaib, The Univ of Alberta, Edmonton, AB, Canada</td>
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<td>Myrian Fornage, Univ of Texas Health Science Ctr at Houston, Houston, TX</td>
<td>Andria L Ford, Washington Univ Sch of Med, Saint Louis, MO</td>
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<td>Jeff Edmiaston, Barnes-Jewish Hosp, Saint Louis, MO</td>
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<tr>
<td>2:42</td>
<td>Genome-wide Association Studies Of Incident Stroke: The Charge Consortium</td>
<td>Risk of Malnutrition on Admission Predicts Mortality, Length of Hospital Stay and Hospitalisation Costs at 6 Months Post Stroke</td>
</tr>
<tr>
<td></td>
<td>Stephanie Debette, Boston Univ Sch of Med; Paris 7 Univ, Paris, France</td>
<td>Filomena Gomes, King’s Coll London, London, United Kingdom</td>
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<tr>
<td></td>
<td>Will T Longstreth, Univ of Washington, Seattle, WA</td>
<td>Christine Elizabeth Weekes, Guy’s &amp; St Thomas’ NHS Fndn Trust, London, United Kingdom</td>
</tr>
<tr>
<td>2:54</td>
<td>Discussion</td>
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Wednesday, February 12 (1:30 pm – 3:00 pm)

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<th>Category</th>
<th>Outcomes, Quality and Health Services Research</th>
<th>Vascular Malformations</th>
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<tr>
<td>Session Title</td>
<td>Telestroke 2.0: Developing Evidence-based Measures of Quality and Outcomes for Remote Stroke Management</td>
<td>Controversies in the Management of Acutely Ruptured Arteriovenous Malformations</td>
</tr>
<tr>
<td>Session Type</td>
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<tr>
<td>Room</td>
<td>Ballroom 20D</td>
<td>31</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Heinrich J Audebert, MD, Berlin, Germany Jennifer Juhl Majersik, MD, Salt Lake City, UT</td>
<td>Kevin Cockrott, MD, MSc, FACS, Hershey, PA Alexander Khaleesi, MD, MS, San Diego, CA</td>
</tr>
<tr>
<td>1:30</td>
<td>Transformers: Translating the Science of Quality Measurement and Improvement into the Development of a Telestroke Quality Measures and Reporting Frame</td>
<td>Tribute to William Young</td>
</tr>
<tr>
<td></td>
<td>Lee H Schwamm, MD, FAHA, Boston, MA</td>
<td>Colin Derdeyn, MD, FAHA, St Louis, MO Michael Lawton, MD, San Francisco, CA Randolph S Marshall, MD, New York, NY</td>
</tr>
<tr>
<td></td>
<td>Chris Fanale, MD, Englewood, CO</td>
<td>Alejandro Berenstein, MD, New York, NY</td>
</tr>
<tr>
<td>2:08</td>
<td>Mortal Kombat: The Need for Development and Implementation of Rigorous Telestroke Credentialing and Training Requirements</td>
<td>(1:53) Early Resection of Ruptured AVMs: Patient Selection and Surgical Techniques</td>
</tr>
<tr>
<td></td>
<td>Jeffrey Switzer, DO, Augusta, GA</td>
<td>Michael Lawton, MD, San Francisco, CA</td>
</tr>
<tr>
<td>2:27</td>
<td>Super Mario Bros: Taking Telestroke Minimum Technology Standards and Performance Requirements to the Next Level</td>
<td>(2:11) Multimodality Treatment of Ruptured AVMs</td>
</tr>
<tr>
<td></td>
<td>Bart M Damaerschaal, MD, MSc, FRCP, Phoenix, AZ</td>
<td>Christopher S Ogilvy, MD, Boston, MA</td>
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<tr>
<td>2:45</td>
<td>Discussion</td>
<td>(2:28) Critical Care Management of Ruptured AVMs: What We Can Do to Improve Outcome</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Andrew M Naidech, MD, MPH, Chicago, IL</td>
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Category Preventive Strategies

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<td>Room</td>
<td>28A-D</td>
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<tr>
<td>Moderator(s)</td>
<td>Peter J Kelly, MD, MS, FRCP, ABPN (Dip), Dublin, Ireland Karen L Furie, MD, MPH, FAHA, Boston, MA</td>
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<tr>
<td>1:30</td>
<td>The Use of Oral Anticoagulation After Ischemic Stroke Increases, Users Have Fewer Recurrences, and Are Increasingly Likely to Survive. A Nationwide Study From Finland</td>
</tr>
<tr>
<td></td>
<td>Atte Meretoja, Helsinki Univ Central Hosp, Helsinki, Finland Markku Kaste, Helsinki Univ Central Hosp, Helsinki, Finland</td>
</tr>
<tr>
<td>1:42</td>
<td>Effect Of Prestroke Statin Use On Stroke Severity And Early Functional Recovery</td>
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<tr>
<td></td>
<td>Jay Choi Choi, Jeju Natl Univ, Jeju-si, Korea, Republic of Hee-Joon Bae, Seoul Natl Univ Bundang Hosp, Seoul Natl Univ Coll of Med, Seongnam, Korea, Republic of</td>
</tr>
<tr>
<td>1:54</td>
<td>MRI Predictors of Stroke Recurrence in Patients With Recent Lacunar Stroke: The SPS3 Trial</td>
</tr>
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<td></td>
<td>Oscar R Benavente, Univ of British Columbia, Vancouver, BC, Canada Robert G Hart, Univ of McMaster, Hamilton, ON, Canada</td>
</tr>
<tr>
<td>2:06</td>
<td>hSfCRP Predicts Recurrent Stroke and Vascular Events among Patients with Lacunar Stroke: The Levels of Inflammatory Markers in the Treatment of Stroke (LIMITS) Study</td>
</tr>
<tr>
<td></td>
<td>Mitchell S Ekind, Columbia Univ, New York, NY Oscar Benavente, Univ of British Columbia, Vancouver, BC, Canada</td>
</tr>
<tr>
<td>2:18</td>
<td>Safety and Effectiveness of Intensive Blood Pressure Management in the Elderly: Findings from the Secondary Prevention of Small Subcortical Strokes Trial</td>
</tr>
<tr>
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<td>Carole L White, Univ of Texas Health Science Ctr at San Antonio, San Antonio, TX Oscar R Benavente, Univ of British Columbia, Vancouver, BC, Canada</td>
</tr>
<tr>
<td>2:30</td>
<td>The Effect of Patching in Carotid Endarterectomy (CEA) on Reducing The Risk of Restenosis and Stroke in the Carotid Revascularization Endarterectomy Versus Stenting Trial (CREST)</td>
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<td></td>
<td>Mahmoud Malas, Johns Hopkins Bayview Medical Ctr, Baltimore, MD Thomas G Brott, Mayo Clinic, Jacksonville, FL</td>
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<tr>
<td>2:42</td>
<td>Risk of Hemorrhage in Veterans Who Switch to Dabigatran for Stroke Prevention in Atrial Fibrillation</td>
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<td></td>
<td>Mary Vaughan Sarrazin, Univ of Iowa, Iowa City, IA Alexander Mazur, Univ of Iowa, Iowa City, IA</td>
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<tr>
<td>2:54</td>
<td>Discussion</td>
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For changes to the program made since the Final Program went to print, please check the online Program/Itinerary Planner located on the ISC Web site at strokeconference.org.

The Oral Abstracts list the Presenting Author (first in bold) and the Senior Author (last) of the abstract. For the complete Author Block of an abstract (including the Conflict of Interest information), please check the online Program/Itinerary Planner on the ISC Web site at strokeconference.org or the ISC abstracts online in the Stroke journal.

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<th>SAH and Other Neurocritical Management</th>
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<td>Session Title</td>
<td>Recanalisation Therapies for Acute Ischemic Stroke in the Very Elderly</td>
<td>Monitoring Techniques in the Neuroscience ICU</td>
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<tr>
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<tr>
<td>Moderator(s)</td>
<td>Bo Norrving, MD, PhD, FESC, Lund, Sweden</td>
<td>Joshua Medow, MD, MS, Madison, WI</td>
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<td></td>
<td>Bruce Osbyggele, MD, MSc, FAHA, Charleston, SC</td>
<td>J Claude Hemphill, MD, MS, FAAN, San Francisco, CA</td>
</tr>
<tr>
<td>3:30</td>
<td>The Oldest Old: Clinical Characteristics, Impact of Comorbidity, and frailty on Acute Stroke Outcome</td>
<td>(3:45) Use of TCD in the Neuro ICU</td>
</tr>
<tr>
<td></td>
<td>Gary Ford, MB, ChB, MA, MRCP, FESC, Newcastle Upon Tyne, United Kingdom</td>
<td>Halinder Mangat, MD, New York, NY</td>
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<td></td>
<td>Intraoperative Thrombolysis in the Very Elder Persons</td>
<td>(4:00) Microdialysis as a Tool in the Neuro ICU</td>
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<td>Richard Lindley, MD, Sydney, Australia</td>
<td>Jan Claassen, MD, PhD, New York</td>
</tr>
<tr>
<td>4:08</td>
<td>Stroke Thrombectomy in the very Elderly</td>
<td>(4:15) Depth Electrodes for EEG Monitoring</td>
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<td>Albert Yoo, MD, Boston, MA</td>
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<tr>
<td>4:27</td>
<td>Assessing Individual Risk, Uncertainties and Benefits of Acute Therapies in the Oldest Old</td>
<td>(4:30) Application of Telemedicine to Neurointensive Care</td>
</tr>
<tr>
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<td>Gustavo SAPONNIK, MD, MSc, FAHA, Toronto, ON, Canada</td>
<td>Paul Vespa, MD, Los Angeles, CA</td>
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<td>Acute Nonendovascular Treatment Oral Abstract</td>
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<td>Abstract</td>
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<tr>
<td>Room</td>
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<tr>
<td>Moderator(s)</td>
<td>Seemant Chaturvedi, MD, FAHA, FAAN, Detroit, MI</td>
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<td>Patrik Michel, PD-MER, Lausanne, Switzerland</td>
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<tr>
<td>3:30</td>
<td>Refining the CT Angiography Collateral Identification System to Better Predict Acute Ischemic Stroke Outcome</td>
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<tr>
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<td>Amrou Sarraj, UT Houston, Houston, TX</td>
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<td></td>
<td>Sean I Savitz, UT Houston, Houston, TX</td>
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<tr>
<td>3:42</td>
<td>Comparative Effectiveness of Intravenous Thrombolysis in patients with Mild Ischemic Stroke</td>
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<tr>
<td></td>
<td>Hee-Joon Ba, Seoul Natl Univ Bundang Hosp, Seongnam, Korea, Republic of</td>
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<tr>
<td>3:54</td>
<td>Resistance To iv Thrombolysis And Prognostic Impact Of Metabolic Syndrome In Middle Cerebral Artery Ischemic Stroke Study 73</td>
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<td>Laura Dorado, Hosp Univ Germans Trias i Pujol, Badalona, Spain</td>
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<td></td>
<td>Antonio Dávalos, Hosp Univ Germans Trias i Pujol, Badalona, Spain</td>
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<tr>
<td>4:06</td>
<td>Early Arterial Recanalization After Intra-venous Tissue-Plasminogen-Activator Treatment</td>
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<td>in the Interventional Management of Stroke-3 Study 74 Ruediger Von Kummer, Univ Hosp, Dresden, Germany</td>
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<td></td>
<td>Thomas A Tomlick, Univ of Cincinnati Academic Health Ctr, Cincinnati, OH</td>
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<tr>
<td>4:18</td>
<td>Safety Of Statin Pretreatment In Intravenous Thrombolysis (IVT) For Acute Ischemic Stroke (AIS) 75</td>
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<tr>
<td></td>
<td>Georgios Tsivgoulis, Sch of Med, Univ of Athens, Athens, Greece</td>
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<td></td>
<td>Robert Mikulik, Int l Clinical Res Ctr, St Anne’s Univ, Brno, Czech Republic</td>
</tr>
<tr>
<td>4:30</td>
<td>Genome Wide Association Study of Early Neurological Deterioration After Acute Ischemic Stroke</td>
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<td>Defines the Interferon-Stimulated Gene IFIT1 as a Neuroprotective Factor 76</td>
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<td></td>
<td>Laura Heitsch, Washington Univ, Saint Louis, MO</td>
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<td>4:42</td>
<td>Comparative Efficacy Of Different Acute Reperfusion Therapies For Acute Ischemic Stroke: A Comprehensive Meta-analysis Of Clinical Trials 77 Georgios Tsivgoulis, Sch of Med, Univ of Athens, Athens, Greece</td>
</tr>
<tr>
<td></td>
<td>Andrei V Alexandrov, Univ of Alabama at Birmingham, Birmingham, AL</td>
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<tr>
<td>4:54</td>
<td>Discussion</td>
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Short Break (5:00 pm – 5:15 pm)
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<tr>
<th>Category</th>
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<tbody>
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<td>Session Title</td>
<td>Junior Investigator Session I</td>
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<td>Invited Symposium</td>
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<tr>
<td>Room</td>
<td>28A-D</td>
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<tr>
<td>Moderator(s)</td>
<td>Martin Dichgans, MD, Munich, Germany Anand Viswanathan, MD, PhD, Boston, MA Philip B Gorelick, MD, MPH, FAHA, Grand Rapids, MI S Claiborne Johnston, MD, FAHA, San Francisco, CA</td>
</tr>
<tr>
<td>3:30</td>
<td>The Mechanisms Underlying SVD-related Cognitive Impairment in a Pure Vascular Dementia: CADASIL Hugues Chabriat, MD, PhD, Paris, France</td>
</tr>
<tr>
<td>3:35</td>
<td>Understanding Priorities of Surrogate Decision Makers for Patients with Intracerebral Hemorrhage (ICH) David Hwang, MD, New Haven, CT</td>
</tr>
<tr>
<td>3:40</td>
<td>Discussant</td>
</tr>
<tr>
<td>3:49</td>
<td>The Cognitive Profile of Patients with Small Vessel Disease Jianping Jia, MD, Beijing, China</td>
</tr>
<tr>
<td>3:53</td>
<td>Discussant</td>
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<tr>
<td>3:58</td>
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<tr>
<td>4:08</td>
<td>Connectivity, Memory and the Impact of Vascular Disease: Lessons from Healthy Elderly and MCI Mike O’Sullivan, MRCP, PhD, London, United Kingdom</td>
</tr>
<tr>
<td>4:16</td>
<td>(4:06) Poststroke Fatigue: Relationship With Mobility, Cardio-Respiratory Fitness, Activities of Daily Living, Community Re-integration and Quality of Life Oluoide Udabo, PhD, Ibadan, Nigeria (4:11) Discussant</td>
</tr>
<tr>
<td>4:27</td>
<td>The Impact of SVD on Cognition in Patients with Alzheimer’s Disease Julie Schneider, MD, Chicago, IL</td>
</tr>
<tr>
<td>4:34</td>
<td>Cilostazol versus Plavix and Aspirin in StEnting (Cilostazol PLEASE) trial Amee E Hassan, MD, Minneapolis, MN (4:29) Discussant</td>
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<tr>
<td>Session Title</td>
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<td>Room</td>
<td>Ballroom 20D</td>
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<tr>
<td>Moderator(s)</td>
<td>Debbie R Summers, RN, MSN, FAHA, ARNP, Kansas, MO Barbara Lutz, PhD, RN, CRNP, FAHA, Wilmington, NC</td>
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<tr>
<td>3:30</td>
<td>One Size Does Not Fit Fall: Does a Successful Inpatient Fall Reduction Program Benefit Stroke Patients? 85 Alicia M Richardson, Univ of Rochester, Rochester, Ann M Leonhardt, Univ of Rochester, Rochester, NY</td>
</tr>
<tr>
<td>3:42</td>
<td>Methodological Issues in Telephone Interventions for Stroke Survivors and Family Caregivers 86 Catherine J Kirkness, Univ of Washington, Seattle, WA Tamlyn Bakas, Indiana Univ, Indianapolis, IN</td>
</tr>
<tr>
<td>3:54</td>
<td>Evolution of the 24-Hour In-House Stroke Team 87 Cari S Pearson, Providence St Peter Hosp, Olympia, WA</td>
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<td>4:06</td>
<td>A Prospective Evaluation Of Efficacy Of A Nurse-led Tia Clinic In Hong Kong 88 Yu Chung Tsang, Mick, United Christian Hosp, Hong Kong, Hong Kong Ng Ping Wing, United Christian Hosp, Hong Kong, Hong Kong</td>
</tr>
<tr>
<td>4:18</td>
<td>Instituting a 24/7 Enrollment Plan for Acute Ischemic Stroke Clinical Trials: Feasibility, Implementation and Potential Impact 89 Loren F Shen, Univ of Texas Health Science Ctr at Houston, Houston, TX Andrew D Barreto, Univ of Texas Health Science Ctr at Houston, Houston, TX</td>
</tr>
<tr>
<td>4:30</td>
<td>Nursing Education: A Critical Need in the Delivery of High Quality Stroke Care 90 Virginia Dagget, Richard L Roudebush VA Medical Ctr, Indianapolis, IN Teresa Damush, Richard L Roudebush VA Medical Ctr, Indianapolis, IN</td>
</tr>
<tr>
<td>4:42</td>
<td>Relationship Between Joint Commission Comprehensive Stroke Center Designation and Sparrow Hospital Lansing, Michigan in Conjunction with Michigan State University Department of Neurology 91 Erin L Shell, Michigan State Univ, East Lansing, MI Syed Hussain, Michigan State Univ, East Lansing, MI</td>
</tr>
<tr>
<td>4:54</td>
<td>Discussion</td>
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Short Break (5:00 pm – 5:15 pm)
5:15 pm – 6:45 pm
Poster Sessions
Poster Hall, Hall G

5:15 pm – 6:15 pm
Professor-Led Poster Tours by Category:

Brief Presentation and Moderated Q&A with Poster Presenters
Moderated Posters W MP1–W MP120; see pg 48 in the Poster Abstract index for a complete listing of all the posters in the Wednesday Professor-Led Poster Tour session.

6:15 pm – 6:45 pm
Regular Poster Session:

One-on-One Time for an Individual Q&A with Poster Presenters
These posters are not included in the 5:15 Professor-Led Poster Tour Session above.

Posters W P1–W P373; see pg 55 in the Poster Abstracts index for a complete listing of all the posters in this Wednesday session.

Late-Breaking Science Posters LB P1–LB P24; see pg 97 in the Poster Abstracts index for a complete listing of all the Late-Breaking Science posters in this Wednesday session.

FAHAS and other stroke leaders – please be sure to show your support for young investigators and attend the poster sessions.
A new way to help hospital teams keep pace with racing hearts.

The cardiac rhythm disorder known as atrial fibrillation (AFib) affects millions of Americans, often leading to heart-related complications as well as increasing the risk for stroke fivefold.

Get With The Guidelines®-AFIB, the newest addition to our family of healthcare quality programs, helps hospital teams consistently follow the latest evidence-based guidelines for treating AFib patients.

At the same time, the program offers a means of monitoring the quality of the AFib care in U.S. hospitals and building a database for continued research and further quality improvement.

To learn more, visit us at HeadQuarters, Booth 241 or online at heart.org/focusonafib.
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To learn more, visit us at HeadQuarters, Booth 241 or online at heart.org/focusonafib.
## Thursday, February 13 (7:00 am – 8:30 am)

### Session Title: Diffusion and Perfusion for Endovascular Treatment (Debate)

**Room:** Ballroom 20B-C

**Moderator(s):**
- Peter D Schellinger, MD, PhD, FESO, FAHA, Minden, Germany
- Adriana Conforto, MD, PhD, Sao Paulo, Brazil

**Session Type:** Debate

**Category:** Community/Risk Factors

**Session Title:**
- **7:00** DWI and PI Are the Ideal Tools for Selecting Patients for Any Recanalization Therapy in Any Time Window
  - Steven Warach, MD, Austin, TX
- **7:19** (7:25) DWI and PI Are of No Additional Use and Time Consuming
  - Martin Köhrmann, MD, Erlangen, Germany
- **7:38** (7:50) Comment On the Debators and Future Perspective
  - Stephen M Davis, MD, FRCP, Edin FRACP, FAHA, Victoria, Australia

**Discussion: 8:15**

### Session Title: Community/Risk Factors Oral Abstracts II

**Room:** Ballroom 20A

**Moderator(s):**
- J David Spence, MD, London, ON, Canada
- Hank Ay, MD, FAHA, Boston, MA

**Session Type:** Abstract

**Category:** Community/Risk Factors

**Session Title:**
- **7:00** Prevalence and Predictors of Apparent Treatment-Resistant Hypertension among Individuals with a History of Physician-Diagnosed Stroke or TIA 92
  - Virginia J Howard, Univ of Alabama at Birmingham, Birmingham, AL
  - Paul Muntner, Univ of Alabama at Birmingham, Birmingham, AL
- **7:12** Adherence to Mediterranean Diet and Prediction of Incident Stroke 93
  - Georgios Tsivgoulis, Sch of Med, Univ of Athens, Athens, Greece
  - Suzanne Judd, Univ of Alabama at Birmingham, Birmingham, AL
- **7:24** Blacks Arrive Later After Stroke Onset Than Whites In Chicago 94
  - Neelum Aggarwal, Rush Univ Medical Ctr, Chicago, IL
  - Shyam Prabhakaran, Northwestern Univ, Feinberg Sch of Med, Chicago, IL
- **7:36** The Impact of Blood Pressure Variability on Stroke Recurrence: The SPS3 trial 95
  - Thalía S Field, Univ of Calgary, Calgary, AB, Canada
  - Oscar Benavente, Univ of British Columbia, Vancouver, BC, Canada
- **7:48** Stroke in the Young: Preliminary Results for Temporal Trends in the Age of Stroke Incidence in a Large, Bi-Racial Population 96
  - Brett M Kissela, Univ of Cincinnati, Cincinnati, OH
  - Dawn Kleindorfer, Univ of Cincinnati, Cincinnati, OH
- **8:00** The Impact Of “Traditional” Risk Factors For Incident Versus Recurrent Stroke 97
  - Virginia J Howard, Univ of Alabama at Birmingham, Birmingham, AL
  - Martin Ebinger, Ctr for Stroke Res, Charité Univsmedizin Berlin, Berlin, Germany
- **8:12** Stroke Recurrence Rates are Not Changing over Time 98
  - Ikjoe Lee, Univ of Cincinnati Medical Ctr, Cincinnati, OH
  - Brett Kissela, Univ of Cincinnati Medical Ctr, Cincinnati, OH

**Discussion: 8:24**

**Category:** Emergency Care/Systems

**Session Title:**
- **7:00** Geographic Access to Acute Stroke Care in the United States 99
  - Opeolu Adeoye, Univ of Cincinnati, Cincinnati, OH
  - Dawn Kleindorfer, Univ of Cincinnati, Cincinnati, OH
- **7:12** Combining Prehospital Neurorprotective Therapy with Post-Hospital Arrival Recanalization Therapies: The FAST-MAG Experience 100
  - Nurses Sansossian, Univ of Southern California, Los Angeles, CA
  - Jeffrey L Saver, UCLA Stroke Ctr, Los Angeles, CA
- **7:24** Educational level, Emergency Medical Services Activation and Hospital Arrival in Acute Stroke 101
  - Gisele S Silva, Albert Einstein Hosp and Federal Univ of São Paulo, São Paulo, Brazil
  - João José Freitas de Carvalho, Department of Health State of Ceará, Fortaleza, Brazil
- **7:36** Use of Emergency Medical Services by Stroke Patients 102
  - Aaron M Anderson, Emory Univ Sch of Med, Atlanta, GA
  - Dawn O Kleindorfer, University of Cincinnati, Cincinnati, OH
- **7:48** Mobile Telestroke During Ambulance Transport is Feasible in a Rural EMS setting – pilot data from the Improving Treatment with Rapid Evaluation of Acute stroke via mobile Telemedicine (iTREAT) study 103
  - Sherita N Chapman, Univ of Virginia Health System, Charlottesville, VA
  - Andrew M Southerland, Univ of Virginia Health System, Charlottesville, VA
- **8:00** Golden Hour-Embololysis By Starting Treatment Before Hospital Arrival The Pre-Hospital Acute Neurological Treatment and Optimization of Medical Care in Stroke study (PHANTOM-S) 104
  - Martin Ebinger, Ctr for Stroke Res, Charité Univsmedizin Berlin, Berlin, Germany
  - Heinrich J Audebert, Ctr for Stroke Res, Charité Univsmedizin Berlin, Berlin, Germany
- **8:12** Geographic Disparities In Emergency Medical Services Calls For Stroke In Chicago 105
  - Shyam Prabhakaran, Northwestern Univ, Feinberg Sch of Med, Chicago, IL
  - Kathleen O’Neill, American Heart Association, Chicago, IL

**Discussion: 8:24**
### Thursday, February 13 (7:00 am – 8:30 am)

<table>
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<tr>
<th>Category</th>
<th>Intracerebral Hemorrhage</th>
<th>Pediatric Stroke</th>
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<tr>
<td>Session Title</td>
<td>Assessing Risk of Intracerebral Hemorrhage in 2014</td>
<td>Protecting the Ischemic Neonatal Brain: What Can We Do Better?</td>
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<td>Session Type</td>
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<tr>
<td>Room</td>
<td>28A-D</td>
<td>33</td>
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<tr>
<td>Moderator(s)</td>
<td>Jin-Moo Lee, MD, PhD, St Louis, MO Eric E Smith, MD, Calgary, AB, Canada</td>
<td>Stephen Ashwal, MD, Loma Linda, CA Rand Askalan, MD, PhD, Toronto, ON, Canada</td>
</tr>
<tr>
<td>7:00</td>
<td>Clinical Risk Factors for ICH: An Epidemiologic Perspective</td>
<td>Protecting the Ischemic Brain: Lessons To Be Learned from the Adult Brain</td>
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<tr>
<td></td>
<td>Dksen Klaindorfer, MD, FAHA, Cincinnati, OH</td>
<td>Mary Stenzel-Poore, PhD, Portland, OR</td>
</tr>
<tr>
<td>7:19</td>
<td>Neuroimaging to Diagnose the Etiology and Stratify Risk of ICH</td>
<td>Hypothermia: Can We Push Its Boundaries?</td>
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<td></td>
<td>M Edip Gurul, MD, Boston, MA</td>
<td>Jerome Yager, MD, Edmonton, AB, Canada</td>
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<td>7:38</td>
<td>Genetic and Other Laboratory Markers of ICH Risk</td>
<td>Inflammation as a Target for Neuroprotection</td>
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<td>Joan Montaner, MD, PhD, Barcelona, Spain</td>
<td>Susan J Vannucci, PhD, New York, NY</td>
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<td>7:57</td>
<td>Medications and ICH: Beyond Antithrombotics</td>
<td>Neuroprotection of the Ischemic Developing Brain: How Close Are We to the Bedside?</td>
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<td>Philip B Gorelick, MD, MPH, FAHA, Grand Rapids, MI</td>
<td>Michael Johnston, MD, Baltimore, MD</td>
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<td>8:15</td>
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### Category Vascular Cognitive Impairment

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<td>Room</td>
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<tr>
<td>Moderator(s)</td>
<td>Natan Bornstein, MD, Tel-Aviv, Israel</td>
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<tr>
<td>7:00</td>
<td>Low Cognitive Scores in Domains of Learning, Memory or Executive Function Predict Incident Stroke: The REGARDS Study 106</td>
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<td></td>
<td>Virginia G Wadley, Univ of Alabama at Birmingham, Birmingham, AL George Howard, Univ of Alabama at Birmingham, Birmingham, AL</td>
</tr>
<tr>
<td>7:12</td>
<td>Infectious Burden and Cognitive Performance: the Northern Manhattan Study 107</td>
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<td>Clinton B Wright, Univ of Miami, Miami, FL Mitchell S Eikind, Columbia Univ, New York, NY</td>
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<tr>
<td>7:24</td>
<td>Chronic Kidney Disease Is Associated with the Risk of Dementia in Patients with Vascular Risk Factors Independently of Cerebral Small Vessel Disease 108</td>
</tr>
<tr>
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<td>Kaori Miwa, Osaka Univ Graduate Sch of Med, Suita, Osaka, Japan Kazuo Kitagawa, Osaka Univ Graduate Sch of Med, Suita, Osaka, Japan</td>
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<tr>
<td>7:36</td>
<td>Manipulative Dexterity is Associated with Occult White Matter Ischemic Lesions in Healthy Asymptomatic Persons at Increased Risk for Cardiovascular Disease 109</td>
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<td>Paul A Nyquist, Johns Hopkins, Baltimore, MD Diane M Becker, Johns Hopkins, Baltimore, MD</td>
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<tr>
<td>7:48</td>
<td>Age Associated Brain Volume is More Closely Correlated to Periventricular than Deep White Matter Disease 110</td>
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<td>Paul Nyquist, Johns Hopkins, Baltimore, MD Dhananjay Vaidya, Johns Hopkins, Baltimore, MD</td>
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<td>8:00</td>
<td>Outpatients Referred for Carotid Doppler Evaluation Who Have Elevated Coated-Platelets Demonstrate Early Cognitive Impairment 111</td>
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<td>Angelia Kirkpatrick, Univ of Oklahoma Health Sciences Ctr, Oklahoma City, OK Calin Prodan, Univ of Oklahoma Health Sciences Ctr, Oklahoma City, OK</td>
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<tr>
<td>8:12</td>
<td>Long-term Cognitive Changes after Stroke: The Regards Study 112</td>
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<td>Deborah A Levine, Univ of Michigan, Ann Arbor, MI Virginia G Wadley, Univ of Alabama at Birmingham, Birmingham, AL</td>
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<tr>
<td>8:24</td>
<td>Discussion</td>
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For changes to the program made since the Final Program went to print, please check the online Program/Itinerary Planner located on the ISC Web site at strokeconference.org.

The Oral Abstracts list the Presenting Author (first in bold) and the Senior Author (last) of the abstract. For the complete Author Block of an abstract (including the Conflict of Interest information), please check the online Program/Itinerary Planner on the ISC Web site at strokeconference.org or the ISC abstracts online in the Stroke journal.

The number listed immediately after the abstract’s title is the abstract’s presentation number.
## Thursday, February 13 (8:40 am – 10:10 am)

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<th>Category</th>
<th>Acute Neuroimaging</th>
<th>Aneurysm</th>
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<td>Aneurysm Oral Abstracts</td>
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<td>Room</td>
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<tr>
<td>Moderator(s)</td>
<td>Martin Köhrmann, MD, Heidelberg, Germany</td>
<td>Mark Bain, MD, Cleveland, OH</td>
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<td>Jens Fiehler, MD, Hamburg, Germany</td>
<td>Michael Tymianski, MD, PhD, FRSCC, Toronto, ON, Canada</td>
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<td>8:40</td>
<td>Dodecafluoropentane Emulsion Delays and Reduces MRI Markers of Infarction in a Rat Stroke Model 113</td>
<td>Surpass Flow Diverter for Endovascular Treatment of Intracranial Aneurysms – A Multicenter Preliminary Clinical and Angiographic Experience in 161 patients with 186 Aneurysms 120</td>
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<td>J S Nix, Univ of Arkansas for Medical Sciences, Little Rock, AR</td>
<td>Ajay K Wakhloo, Univ of Massachusetts, Boston, MA</td>
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<td>William C Gulp, Univ of Arkansas for Medical Sciences, Little Rock, AR</td>
<td>Nader Sourour, Pitie-Salpetriere Hosp, Paris, France</td>
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<td>8:52</td>
<td>Interim Recanalization in Acute Ischemic Stroke Patients Selected for Endovascular Treatment by CT Angiography 114</td>
<td>Effects of Modifiable Risk Factors on the Age of Collagen in Intracranial Aneurysms 121</td>
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<td>Mushtaq H Qureshi, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN</td>
<td>Nima Etminan, Heinrich Heine Univ, Dusseldorf, Germany</td>
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<td>Adnan I Qureshi, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN</td>
<td>Loch Macdonald, Univ of Toronto, Toronto, Germany</td>
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<td>Charles G Cantrell, Northwestern Univ, Chicago, IL</td>
<td>Laurent Pierot, CHU Reims, Reims, France</td>
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<td>Timothy J Carroll, Northwestern Univ, Chicago, IL</td>
<td>Christophe Cognard, CHU Toulouse, Toulouse, France</td>
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<td>9:16</td>
<td>Migraineurs Are More Susceptible To Infarct Growth In Acute Stroke 116</td>
<td>The Unruptured Intracranial Aneurysm Treatment Score (UAITS) – Proposal of a multidisciplinary research group 123</td>
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<td>Katharina Elkermann-Haefter, Massachusetts General Hosp, Charlestown, MA</td>
<td>Nima Etminan, Heinrich Heine Univ, Dusseldorf, Germany</td>
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<td>Hakun Ay, Massachusetts General Hosp, Charlestown, MA</td>
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<td>Kambiz Naei, Univ of Arizona, Tucson, AZ</td>
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<td>Bruce Doui, Univ of Arizona, Tucson, AZ</td>
<td>Timothy J Carroll, Northwestern Univ, Chicago, IL</td>
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<td>9:40</td>
<td>Diffusion Lesion Volume Reduction after Recanalization Therapy for Anterior Circulation Stroke with Major Vessel Occlusion: Analysis from the RESCUE-Japan Registry Study 118</td>
<td>Treatment of Intracranial Aneurysms With the LUNA AES Updated 125</td>
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<td>Mikito Hayakawa, Nati Cerebral and Cardiovascular Ctr, Osaka, Japan</td>
<td>Nader Sourour, Pitie Salpetriere, Paris, France</td>
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<td>Shinichi Yoshimura, Gifu Univ, Gifu, Japan</td>
<td>René Arnoxdonat, CHU Nancy, Nancy, France</td>
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<td>9:52</td>
<td>Serial Analysis of Perfusion Angiography in Endovascular Intervention for Acute Stroke with Proximal Middle Cerebral Artery Occlusion 119</td>
<td>Comparison of Flow Diversion and Coiling in Large Unruptured Intracranial Saccular Aneurysms 126</td>
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<td>Jason W Tarpley, UCLA, Los Angeles, CA</td>
<td>Nohra Challohi, Thomas Jefferson Univ, Philadelphia, PA</td>
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<td>David S Liebeskind, UCLA, Los Angeles, CA</td>
<td>Pascal Jabbour, Thomas Jefferson Univ, Philadelphia, PA</td>
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## Acute Endovascular Treatment

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<th>Category</th>
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<th>Basic and Preclinical Neuroscience of Stroke Recovery</th>
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<td>Session Title</td>
<td>Negative Randomized Studies in Endovascular Therapy for Acute Stroke: Can Different Study Designs Lead to Different Results?</td>
<td>Neuroprotection through Therapeutic Hypothermia</td>
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<td>Room</td>
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<td>30A-D</td>
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<tr>
<td>Moderator(s)</td>
<td>Tudor G Jovin, MD, Pittsburgh, PA</td>
<td>Thomas Hemmen, MD, PhD, La Jolla, CA</td>
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<td>Pooja Khatri, MD, FAHA, Cincinnati, OH</td>
<td>Patrick Lyden, MD, Los Angeles, CA</td>
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<tr>
<td>8:40</td>
<td>Better Patient Selection Would Improve Outcomes in Endovascular Treated Patients</td>
<td>(8:40) Introduction and Overview</td>
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<td></td>
<td>Raul G Nogueira, MD, Atlanta, GA</td>
<td>Thomas Hemmen, MD, PhD, La Jolla, CA</td>
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<td>8:55</td>
<td>(8:59) State-of-the-Art Endovascular Technology and Faster Reperfusion Times Would Improve Outcomes in Endovascular Treated Patients</td>
<td>(8:45) Neuroprotective Mechanisms of Hypothermia</td>
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<td></td>
<td>Brian T Jankowtiz, MD, Pittsburgh, PA</td>
<td>Midori A Yanari, MD, FAHA, San Francisco, CA</td>
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<tr>
<td>9:10</td>
<td>(9:18) Can Endovascular Beat IV + rPA7 Would Any Other Trial Design Have Led to Different Results?</td>
<td>(9:02) Therapeutic Hypothermia for Acute Ischemic Stroke</td>
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<td></td>
<td>Gregory W Albers, MD, Palo Alto, CA</td>
<td>(9:19) Therapeutic Hypothermia for Acute Spinal Cord Injury and Diffuse Axonal Injury</td>
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<td>9:25</td>
<td>(9:37) Endovascular Stroke Therapy Outside Clinical Trials: Should We Still Offer It?</td>
<td>(9:36) Drug Induced Hypothermia</td>
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<td></td>
<td>Antoni Davalos, MD, PhD, Barcelona, Spain</td>
<td>Shan Ping Yu, MD, PhD, Atlanta, GA</td>
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<tr>
<td>9:40</td>
<td>Discussion</td>
<td>(9:53) Feasibility of Hypothermia</td>
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<td>9:55</td>
<td>Discussion</td>
<td>Jesper Petersson, MD, Malmö, Sweden</td>
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**Short Break/Science and Technology Hall (Hall F) (10:10 am – 10:30 am)**
<table>
<thead>
<tr>
<th>Category</th>
<th>Experimental Mechanisms and Models</th>
<th>Outcomes, Quality and Health Services Research</th>
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<td>Outcomes, Quality and Health Services Research Oral Abstracts II</td>
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<tr>
<td>Moderator(s)</td>
<td>John Hallenbeck, MD, Bethesda, MD, Advisy Ergul, MD, PhD, FAHA, Augusta, GA</td>
<td>Cheryl Bushnell, MD, MHS, Winston Salem, NC</td>
</tr>
<tr>
<td>8:40</td>
<td>Genetic Ablation Of Alternatively-spliced Extra Domain A Of Fibronectin Protects Hypercholesterolemic Mice From Acute Stroke Injury</td>
<td>Effect of Warfarin Adherence on the Mortality After Ischemic Stroke: A Nationwide Multicenter Cohort Study</td>
</tr>
<tr>
<td></td>
<td>Ajmal Ahmad, Univ of Iowa, Iowa, IA</td>
<td>Chi K Kim, Seoul Natl Univ Hosp, Seoul, Korea, Republic of</td>
</tr>
<tr>
<td></td>
<td>Anil Chauhan, Univ of Iowa, Iowa, IA</td>
<td>Byung-Woo Yoon, Seoul Natl Univ Hosp, Seoul, Korea, Republic of</td>
</tr>
<tr>
<td>8:52</td>
<td>Intracisternal Administration Of Tissue Plasminogen Activator Improves Cerebrospinal Fluid Flow And Cortical Perfusion After Subarachnoid Hemorrhage</td>
<td>Antiplatelet Therapy Following Ischemic Stroke - Continue or Change Pre-existing Therapy?</td>
</tr>
<tr>
<td></td>
<td>Dominic A Siler, Oregon Health &amp; Science Univ, Portland, OR</td>
<td>Wardati Mazlan Kepi, Univ of Glasgow, Glasgow, United Kingdom</td>
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<tr>
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<td>Nabi J Alkayed, Oregon Health &amp; Science Univ, Portland, OR</td>
<td>Jesse Dawson, Univ of Glasgow, Glasgow, United Kingdom</td>
</tr>
<tr>
<td>9:04</td>
<td>PAK01: A Synthesized Small Molecule That Enhances Reperfusion, Neuroprotection And Avoids Hemorrhagic Transformation In Rodent Models Of Thromboembolic Stroke</td>
<td>Is the Use of r-IPs in Mild Stroke Patients Cost-Effective?</td>
</tr>
<tr>
<td></td>
<td>Shinn-Zong Lin, China Medical Univ Hosp, Taichung, Taiwan</td>
<td>David L Veenstra, Univ of Washington, Seattle, WA</td>
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<td>Shiqi Peng, Capital Medical Univ, Beijing, China</td>
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<tr>
<td>9:16</td>
<td>Effects of Genetic Inactivation of Amyloid Precursor Protein in Cerebral Microvasculature</td>
<td>Efficacy and Safety of a TIA Electronic Support Tool (FASTEST): A Cluster Randomized Controlled Trial</td>
</tr>
<tr>
<td></td>
<td>Anantha Vijay R Santhanam, Mayo Clinic, Rochester, MN</td>
<td>Annemari Ranta, MidCentral Health/Univ of Otago, Palmerston North, New Zealand</td>
</tr>
<tr>
<td></td>
<td>Zvonimir S Katusic, Mayo Clinic, Rochester, MN</td>
<td>Mark Weatherall, Univ of Otago, Wellington, New Zealand</td>
</tr>
<tr>
<td>9:28</td>
<td>Prostaglandin D2 DP1 Receptor Ameliorates Stroke Outcomes Through Cerebral Blood Flow And Hemostasis</td>
<td>Assessing Disability Outcome in Acute Stroke Clinical Trials: Increased Study Power with Linear (ALDS) Compared with Ordinal (mRS) Scales</td>
</tr>
<tr>
<td></td>
<td>Abdullah S Ahmad, Univ of Florida, Gainesville, FL</td>
<td>Napasri N Chaisinanunkul, David Geffen Sch of Med, UCLA, Los Angeles, CA</td>
</tr>
<tr>
<td></td>
<td>Sylvain Dore, Univ of Florida, Gainesville, FL</td>
<td>Jeffrey L Saver, David Geffen Sch of Med, UCLA, Los Angeles, CA</td>
</tr>
<tr>
<td>9:40</td>
<td>Roles of Angiotensin (1-7) And Angiotensin II Type 2 Receptor on Intracranial Aneurysmal Rupture</td>
<td>Acute Stroke Reperfusion Therapy Trends in the Expanded Treatment Window Era</td>
</tr>
<tr>
<td></td>
<td>Kenji Shimada, Univ of California, San Francisco, San Francisco, CA</td>
<td>Ganesh Asalithambhi, Univ of Florida, Gainesville, FL</td>
</tr>
<tr>
<td></td>
<td>Tomoki Hashimoto, Univ of California, San Francisco, San Francisco, CA</td>
<td>Kamakshi Lakshminarayan, Univ of Minnesota, Minneapolis, MN</td>
</tr>
<tr>
<td>9:52</td>
<td>Inhibition of TRPV4 is Protective of the Brain and Cerebral Circulation During Ischemic Stroke</td>
<td>Long-term disability after lacunar stroke: Secondary Prevention of Small Subcortical Stroke</td>
</tr>
<tr>
<td></td>
<td>Marilyn J Cicippa, Univ of Vermont, Burlington, VT</td>
<td>Mandip S Dhamoon, Mount Sinai Sch of Med, New York, NY</td>
</tr>
<tr>
<td></td>
<td>Mark T Nelson, Univ of Vermont, Burlington, VT</td>
<td>Mitchell S Elkind, Columbia Univ, New York, NY</td>
</tr>
<tr>
<td>10:04</td>
<td>Discussion</td>
<td>Discussion</td>
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</tbody>
</table>

### Category: SAH and Other Neurocritical Management

| Session Title | Management of Dural Venous Sinus Thrombosis |
| Session Type | Invited Symposium |
| Room | 28A-D |
| Moderator(s) | Chirag D Gandhi, MD, Newark, NJ, William Mack, MD, FAHA, Los Angeles, CA |
| 8:40 | Pathogenesis and Risk Factors of DVST | Acute Endovascular Intervention |
| | Fernando Baringagremenkeria, MD, Querétaro, Mexico | Charles Prestigiacomo, MD, FAANS, FACS, Newark, NJ |
| 8:59 | Medical Management | Stenting for Chronic Sequelae and Pseudotumor |
| | Gene Y Sung, MD, MPH, Los Angeles, CA | Felipe Albuquerque, MD, Phoenix, AZ |
| 9:18 | Acute Endovascular Intervention | Discussion |
| 9:37 | Stenting for Chronic Sequelae and Pseudotumor | |
| 9:55 | Discussion | |

For changes to the program made since the Final Program went to print, please check the online Program/Itinerary Planner located on the ISC Web site at strokeconference.org.

The Oral Abstracts list the Presenting Author (first in bold) and the Senior Author (last) of the abstract. For the complete Author Block of an abstract (including the Conflict of Interest information), please check the online Program/Itinerary Planner on the ISC Web site at strokeconference.org or the ISC abstracts online in the Stroke journal.

The number listed immediately after the abstract's title is the abstract's presentation number.
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker/Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30</td>
<td>Introduction of the Mordecai Y T Globus New Investigator Award in Stroke</td>
<td>Kyra Becker, MD, FAHA, Seattle, WA</td>
</tr>
<tr>
<td>10:32</td>
<td>Mordecai Y T Globus New Investigator Award in Stroke: In Vivo Molecular Imaging of Thrombosis and Thrombolysis Using a Fibrin-binding PET Probe</td>
<td>Francesco Blasi, Massachusetts General Hosp, Charlestown, MA Peter Caravan, Massachusetts General Hosp, Charlestown, MA</td>
</tr>
<tr>
<td>10:44</td>
<td>Introduction of the Stroke Care in Emergency Medicine Award</td>
<td>Kyra Becker, MD, FAHA, Seattle, WA</td>
</tr>
<tr>
<td>10:46</td>
<td>Stroke Care in Emergency Medicine Award: Stroke Severity Adjusted EMS Triage Has Benefits For Bypassed Primary Stroke Centers</td>
<td>Evan Allen, Florida Hosp Neuroscience Inst, Orlando, FL Adnan I Qureshi, Zeenat Qureshi Stroke Inst, St Cloud, MN</td>
</tr>
<tr>
<td>10:58</td>
<td>Introduction of the Keynote Abstracts</td>
<td>Steven M Greenberg, MD, PhD, FAHA, Boston, MA</td>
</tr>
<tr>
<td>11:00</td>
<td>The Field Administration of Stroke Therapy - Magnesium (FAST-MAG) Phase 3 Trial: Primary Results</td>
<td>Jeffrey L Saver, Geffen Sch of Med at UCLA, Los Angeles, CA</td>
</tr>
<tr>
<td>11:12</td>
<td>Hyperhomocysteinemia As A Model Of Vascular Dementia And Its Effects On Amyloid Pathology In A Transgenic Mouse Model</td>
<td>Donna M Wilcock, Sanders-Brown Ctr on Aging, Lexington, KY</td>
</tr>
<tr>
<td>11:36</td>
<td>Introduction of the Thomas Willis Award</td>
<td>Steven M Greenberg, MD, PhD, FAHA, Boston, MA</td>
</tr>
<tr>
<td>11:40</td>
<td>Thomas Willis Award: Sex, Stroke and Innovation</td>
<td>Patricia Hum, PhD, FAHA, Austin, TX</td>
</tr>
<tr>
<td>12:10 pm – 1:30 pm</td>
<td>Science and Technology Hall (Exhibits)/Lunch Break</td>
<td>Hall F</td>
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<td></td>
<td>Fellow and Early Career/Stroke Leader Roundtable Luncheon</td>
<td>Room 25</td>
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<td>(Ticket required; seating is limited.)</td>
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<tr>
<td></td>
<td>Moderator: Pooja Khatri, MD, FAHA, Cincinnati, OH</td>
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<tr>
<td></td>
<td>Acute Stroke</td>
<td>Nils G Wahlgren, MD, PhD, Stockholm, Sweden</td>
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<td></td>
<td>Acute Stroke/Emergency Medicine</td>
<td>William G Barsan, MD, FACEP, FAHA, Ann Arbor, MI</td>
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<tr>
<td></td>
<td>Acute Stroke/Neurocritical Care</td>
<td>Opeolu Adeoye, MD, Cincinnati, OH</td>
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<tr>
<td></td>
<td>Acute Stroke/Neuroimaging</td>
<td>Stephen M Davis, MD, FRCP, Edin FRACP, FAHA, Victoria, Australia</td>
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<tr>
<td></td>
<td>Basic Science</td>
<td>Louise D McCullough, MD, PhD, Farmington, CT</td>
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<tr>
<td></td>
<td>Cerebrovascular Surgery</td>
<td>Sepideh Amin-Hanjani, MD, FAANS, FACS, FAHA, Chicago, IL</td>
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<tr>
<td></td>
<td>Cerebrovascular Surgery/Basic Science</td>
<td>E Sander Connolly, Jr, MD, FAHA, New York, NY</td>
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<tr>
<td></td>
<td>Endovascular/Neurology</td>
<td>Osama Zaidat, MD, Milwaukee, WI</td>
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<td></td>
<td>Endovascular/Radiology</td>
<td>Rudiger Von Kummer, MD, PhD, FAHA, Dresden, Germany</td>
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<tr>
<td></td>
<td>Epidemiology/Stroke Prevention</td>
<td>Dawn Kleindorfer, MD, FAHA, Cincinnati, OH</td>
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<tr>
<td></td>
<td>Nursing</td>
<td>Barbara Lutz, PhD, RN, CRRN, FAHA, Gainesville, FL</td>
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<tr>
<td></td>
<td>Pediatric Stroke/Epidemiology</td>
<td>Heather Fullerton, MD, San Francisco, CA</td>
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<tr>
<td></td>
<td>Rehabilitation</td>
<td>Carolee J Winston, PhD, PT, FAPTA, Los Angeles, CA</td>
</tr>
<tr>
<td></td>
<td>Stroke Genetics/Neurocritical Care</td>
<td>Stephanie Debette, MD, Paris, France</td>
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<td></td>
<td>Stroke Journal</td>
<td>Marc Fisher, MD, FAHA, Worcester, MA</td>
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<td></td>
<td>Stroke Neuroimaging</td>
<td>Max Wintzmark, MD, Charlottesville, VA</td>
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<td></td>
<td>Stroke Prevention</td>
<td>Philip B Gorelick, MD, MPH, FAHA, Grand Rapids, MI</td>
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<tr>
<td></td>
<td>Stroke Rehabilitation</td>
<td>Steven C Cramer, MD, Orange, CA</td>
</tr>
</tbody>
</table>
12:10 pm – 1:30 pm
Physician Assistants and Nurse Practitioners Luncheon
Room 28E
(Ticket required; seating is limited.)

Moderator: Krista Jordan, PA-C, St Louis Park, Minnesota

12:10 National and International Trends of Physician Assistants
Krista Jordan, PA-C, St Louis Park, Minnesota

12:30 Effective Utilization of Advance Practice Providers in Neurology
Matthew J Ostrander, MD, St Louis Park, Minnesota

12:50 Panel Discussion
Krista Jordan, PA-C, St Louis Park, Minnesota
Kristen Barklow, RN, MSN, CNP, Minneapolis, Minnesota
David Y Huang, MD, PhD, Chapel Hill, North Carolina
Matthew J Ostrander, MD, St Louis Park, Minnesota
Gail Wallace, RN, CNP, Duluth, MN

1:15 Informal Discussion and Networking
Thursday, February 13 (1:30 pm – 3:00 pm)

<table>
<thead>
<tr>
<th>Category</th>
<th>Acute Endovascular Treatment</th>
<th>Clinical Rehabilitation and Recovery</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session Title</td>
<td>Acute Endovascular Treatment Oral Abstracts I</td>
<td>Clinical Rehabilitation and Recovery Oral Abstracts</td>
</tr>
<tr>
<td>Session Type</td>
<td>Abstract</td>
<td>Abstract</td>
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<tr>
<td>Room</td>
<td>Ballroom 20D</td>
<td>Room 28A-D</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Andrei Alexandrov, MD, Birmingham, AL</td>
<td>Michael O’Dell, MD, New York, NY</td>
</tr>
<tr>
<td></td>
<td>Cathy A Sila, MD, FAAN, Cleveland, OH</td>
<td>Carolee J Weinstein, PhD, PT, FAPTA, Los Angeles, CA</td>
</tr>
</tbody>
</table>
| 1:30                                          | **Door-to-Puncture: A Practical Metric for Capturing and Enhancing System Processes Associated With Endovascular Stroke Care, Preliminary Results From the Rapid Reperfusion Registry** 141  
  Chung-Huan J Su, Emory Univ, Atlanta, GA;  
  Rishi Gupta, Emory Univ, Atlanta, GA          | **Cortical Connectivity is a Powerful Predictor of Motor Recovery in Chronic Stroke** 148        |
|                                                | **ASPECTS Decay During Inter-facility Transfer Predicts Patient Outcomes in Endovascular Reperfusion for Ischemic Stroke: A Unique Assessment of Dynamic Physiologic Change over Time** 142  
  Chung-Huan J Su, Emory Univ, Atlanta, GA;  
  Rishi Gupta, Emory Univ, Atlanta, GA          | **A Novel Phase 1/2A Study of Intraparenchymal Transplantation of Human Modified Bone Marrow Derived Cells in Patients with Stable Ischemic Stroke** 149  
  Gary K Steinberg, Stanford Medical Ctr, Stanford, CA  
  Ernest W Yanke, SanBio, Inc, Mountain View, CA |
| 1:54                                          | **Evaluation of Interval Times from Onset to Recanalization in Patients Undergoing Endovascular Therapy in the IMS III Trial** 143  
  Mayank Goyal, Univ of Calgary, Calgary, AB, Canada  
  Joseph P Broderick, Univ of Cincinnati, Cincinnati, OH |
| 2:06                                          | **The Pittsburgh Outcomes After Stroke Thrombectomy (POST) Score Predicts Good Outcomes After Endovascular Therapy for Anterior Circulation Large Vessel Occlusions** 144  
  Srikant Rangaraju, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA  
  Tudor G Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA |
| 2:18                                          | **Transferred Ischemic Stroke Patients Have Worse Outcomes After Endovascular Therapy** 145  
  Malik M Adil, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN  
  Shyam Prabhakaran, Feinberg Sch of Med, Chicago, IL |
| 2:18                                          | **Optimal Workflow and Process Based Performance Measures for Endovascular Therapy in Acute Ischemic Strokes From the Star Registry** 146  
  Bijoy K Menon, Univ of Calgary, Calgary, AB, Canada  
  Mayank Goyal, Univ of Calgary, Calgary, AB, Canada |
| 2:27                                          | **Time to Angiographic Reperfusion Predicts Good Clinical Outcome in the Penumbra Studies** 147  
  Pooja Khatri, Univ of Cincinnati, Cincinnati, OH  
  Siu Po Sit, Penumbra, Inc, Alameda, CA |
| 2:54                                          | **Discussion**                                                                             | **Discussion**                                                                                         |

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<thead>
<tr>
<th>Category</th>
<th>Diagnosis of Stroke Etiology</th>
<th>Experimental Mechanisms and Models</th>
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<tr>
<td>Session Type</td>
<td>Debate</td>
<td>Invited Symposium</td>
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<tr>
<td>Room</td>
<td>Ballroom 20A</td>
<td>33</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Martin O’Donnell, MB, PhD, Galway, Ireland</td>
<td>Marc Fisher, MD, FAHA, Worcester, MA</td>
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<td>David Howells, PhD, Melbourne, Australia</td>
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<tr>
<td>1:30</td>
<td><strong>Are We Ordering Too Many Etiological Diagnostic Tests for Stroke?</strong></td>
<td>The Rational for Multicentre Animal Studies</td>
</tr>
<tr>
<td></td>
<td>James F Burke, MD, Ann Arbor, MI</td>
<td>Malcolm R Macleod, MB, ChB, PhD, Edinburgh, United Kingdom</td>
</tr>
</tbody>
</table>
| 1:49                                          | **(1:55) With the Exception of Carotid Stenosis and A FIB (and a Few Zebras), Etiology Does Not Matter**  
  William J Powers, MD, FAHA, Chapel Hill, NC |
| 2:08                                          | **Successfully Climbing the ‘STAIRs’: Surmounting Failed Translation of Experimental Ischemic Stroke Treatments**  
  Jill Roberts, PhD, Lexington, KY |
| 2:27                                          | **(2:20) Stroke Etiology Does Matter in Effective Management of Patients**                 | Stroke Models and Their Application to Multicenter Trials                                             |
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<table>
<thead>
<tr>
<th>Category</th>
<th>Vascular Malformations</th>
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<tbody>
<tr>
<td>Session Title</td>
<td>Vascular Malformations Oral Abstracts</td>
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<tr>
<td>Session Type</td>
<td>Abstract</td>
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<tr>
<td>Room</td>
<td>Ballroom 208-C</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Babu Welch, MD, Dallas, TX Sean Lavine, MD, New York, NY</td>
</tr>
<tr>
<td>1:30</td>
<td>Health-Related Quality of Life in Patients With Unruptured Brain Avm Managed With or Without Interventional Therapy - The Aruba Trial 156 Christian Stapf, APHP - Hôpital Lariboisière, Paris, France J P Mohr, The Neurological Inst, New York, NY</td>
</tr>
<tr>
<td>1:42</td>
<td>Embolization Followed by Radiosurgery for the Treatment of Brain Arteriovenous Malformations (AVMs) 156 Michael P Marks, Stanford Univ Med Ctr, Stanford, CA Gary K Steinberg, Stanford Univ Med Ctr, Stanford, CA</td>
</tr>
<tr>
<td>1:54</td>
<td>MicroRNA Expression Signature in Human Brain Arteriovenous Malformations and Brain Hemangioblastoma 157 Guo-Yuan Yang, Shanghai Jiaotong Univ, Shanghai, China</td>
</tr>
<tr>
<td>2:06</td>
<td>Magnetic Resonance Digital Subtraction Angiography Identifies Impaired Drainage in Arteriovenous Malformations With History of Rupture 158 Justin E Wranc, Northwestern Univ Feinberg Sch of Med, Chicago, IL Timothy J Carroll, Northwestern Univ Feinberg Sch of Med, Chicago, IL</td>
</tr>
<tr>
<td>2:18</td>
<td>Exceptional Aggressiveness of CCM3 Phenotype 159 Tania J Rebeiz, Univ of Chicago, Chicago, IL Issam Awad, Univ of Chicago, Chicago, IL</td>
</tr>
<tr>
<td>2:30</td>
<td>Spetzler-Martin Grade and Outcomes by Randomization Assignment in ARUBA 160 J P Mohr, The Neurological Inst, New York, NY Christian Stapf, APHP - Hôpital Lariboisière, Paris, France</td>
</tr>
<tr>
<td>2:42</td>
<td>Effects of Radiation Dose on Gene Expression in Cultured Murine Brain Endothelial Cells 161 Neewsha Raoufi-Rad, Australian Sch of Advanced Med, Sydney, Australia Marcus Andrew Stoodley, Australian Sch of Advanced Med, Sydney, Australia</td>
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The number listed immediately after the abstract’s title is the abstract’s presentation number.
## Thursday, February 13 (3:30 pm – 5:00 pm)

<table>
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<tr>
<th>Category</th>
<th>Acute Nonendovascular Treatment</th>
<th>In-hospital Treatment</th>
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<tbody>
<tr>
<td>Session Title</td>
<td>Acute Carotid Revascularization (Debate)</td>
<td>Stroke Palliative Care</td>
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<tr>
<td>Session Type</td>
<td>Debate</td>
<td>Invited Symposium</td>
</tr>
<tr>
<td>Room</td>
<td>Ballroom 20B-C</td>
<td>Ballroom 20A</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Seemant Chaturvedi, MD, FAHA, FAAN, Detroit, MI</td>
<td>Gregory J Zipfel, MD, Saint Louis, MO&lt;br&gt;Richard Zorowitz, MD, FAHA, Baltimore, MD</td>
</tr>
<tr>
<td>3:30</td>
<td>(3:30) Early Treatment of Carotid Stenosis in Acute Setting Should Be Implemented</td>
<td>What Is Unique to Palliative Care after Stroke?</td>
</tr>
<tr>
<td>Tudor G Jovin, MD, Pittsburgh, PA</td>
<td>Claire Creutzfeldt, MD, Seattle, WA</td>
<td></td>
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<tr>
<td>3:45</td>
<td>(3:55) Early Treatment of Carotid Stenosis in Acute Setting Might Be Harmful</td>
<td>What is the Optimal Role for Palliative Care Consultants after Stroke?</td>
</tr>
<tr>
<td>Paola De Rango, MD, Perugia, Italy</td>
<td>Robert G Holloway, MD, MPH, Rochester, NY</td>
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<tr>
<td>4:00</td>
<td>(4:20) Hemorrhage Risk in Carotid Stenosis</td>
<td>What to Expect? Symptom Management after Stroke</td>
</tr>
<tr>
<td>Michael Mazya, MD, Stockholm, Sweden</td>
<td>Barbara Lutz, PhD, RN, CNRN, FAHA, Wilmington, NC</td>
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<tr>
<td>4:15</td>
<td></td>
<td>Inter-personal and International Differences in What We Call ‘Quality-of-life’</td>
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<tr>
<td>4:30</td>
<td></td>
<td>Stefan Lorenzl, MD, Munich, Germany</td>
</tr>
<tr>
<td>4:45</td>
<td></td>
<td>What's Next? Research Agenda</td>
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<td>4:55</td>
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<td>Darin Zahuranec, MD, Ann Arbor, MI</td>
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<tr>
<th>Category</th>
<th>Stroke Controversies (a Stroke journal Session)</th>
<th>Treatment of Small Vessel Disease: Lessons from the Clinical Trials</th>
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<tbody>
<tr>
<td>Session Title</td>
<td>Invited Symposium</td>
<td>Invited Symposium</td>
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<tr>
<td>Room</td>
<td>31</td>
<td>Ballroom 20D</td>
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<tr>
<td>Moderator(s)</td>
<td>Marc Fisher, MD, FAHA, Worcester, MA&lt;br&gt;Wolf R Schäbitz, MD, Bielefeld, Germany</td>
<td>Kennedy R Lees, MD, Glasgow, United Kingdom&lt;br&gt;Charlotte Cordonnier, MD, Lille, France</td>
</tr>
<tr>
<td>3:30</td>
<td>Presentation of Stroke Progress and Innovation Awards</td>
<td>Moderator’s Introduction</td>
</tr>
<tr>
<td>Marc Fisher, MD, FAHA, Worcester, MA</td>
<td>Kennedy R Lees, MD, Glasgow, United Kingdom</td>
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<tr>
<td>Michael D Hill, MD, MSc, FRCP, Calgary, AB, Canada</td>
<td>Jeffrey L Saver, MD, FAHA, FAAN, Los Angeles, CA</td>
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<tr>
<td>3:44</td>
<td>(3:44) Is Off-label Use of New Oral Anticoagulants Appropriate? (Con)</td>
<td>Does the Location or Etiology of ICH Influence Response to Acute Blood Pressure Lowering (INTERACT-2)</td>
</tr>
<tr>
<td>Geoffrey Donnan, MD, MBBS, FAHA, FRACP, Parkville Victoria, Australia</td>
<td>Craig Anderson, MD, PhD, Sydney NSW, Australia</td>
<td></td>
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<tr>
<td>Michael D Hill, MD, MSc, FRCP, Calgary, AB, Canada</td>
<td>Oscar Benavente, MD, FRCP, Vancouver, BC, Canada</td>
<td></td>
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<tr>
<td>3:56</td>
<td>(3:56) Is Off-label Use of New Oral Anticoagulants Appropriate? (Summary)</td>
<td></td>
</tr>
<tr>
<td>Carlos A Molina, MD, Barcelona, Spain</td>
<td></td>
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</tr>
<tr>
<td>3:58</td>
<td>Is the 4.5 Hours Time Window for Intravenous Thrombolysis with rt-PA Firmly Established? (Pro)</td>
<td></td>
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<tr>
<td>Peter D Schellinger, MD, PhD, FESO, FAHA, Minden, Germany</td>
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<tr>
<td>4:05</td>
<td>Is the 4.5 Hours Time Window for Intravenous Thrombolysis with rt-PA Firmly Established? (Con)</td>
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<tr>
<td>Lawrence R Wechsler, MD, Pittsburgh, PA</td>
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<tr>
<td>4:14</td>
<td>Is the 4.5 Hours Time Window for Intravenous Thrombolysis with rt-PA Firmly Established? (Rebuttal)</td>
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<tr>
<td>Peter D Schellinger, MD, PhD, FESO, FAHA, Minden, Germany</td>
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<tr>
<td>4:18</td>
<td>Is the 4.5 Hours Time Window for Intravenous Thrombolysis with rt-PA Firmly Established? (Summary)</td>
<td></td>
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<tr>
<td>Magdy Selim, MD, PhD, FAHA, Boston, MA</td>
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<tr>
<td>4:20</td>
<td>(4:20) Should a Patient with an Unruptured AVM be Referred for Intervention? (Pro)</td>
<td>Is It Time to Stop Testing Blood Pressure Treatment and Start Lowering it Instead?</td>
</tr>
<tr>
<td>Sepideh Amin-Hanjani, MD, FAANS, FACS, FAHA, Chicago, IL</td>
<td>Philip M Bath, BSc, MB, BS, MD, FRCP, FESC, Nottingham, United Kingdom</td>
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<tr>
<td>4:35</td>
<td>(4:28) Should a Patient with an Unruptured AVM be Referred for Intervention? (Con)</td>
<td>Panel Discussion</td>
</tr>
<tr>
<td>J P Mohr, MS, MD, FAHA, FAAN, New York, NY</td>
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<tr>
<td>4:40</td>
<td>(4:36) Should a Patient with an Unruptured AVM be Referred for Intervention? (Rebuttal)</td>
<td></td>
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<tr>
<td>Sepideh Amin-Hanjani, MD, FAANS, FACS, FAHA, Chicago, IL</td>
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<td>4:45</td>
<td>(4:40) Should a Patient with an Unruptured AVM be Referred for Intervention? (Summary)</td>
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<tr>
<td>Carlos A Molina, MD, Barcelona, Spain</td>
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<tr>
<td>4:55</td>
<td>(4:42) Discussion</td>
<td>Closing Remarks</td>
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<tr>
<td></td>
<td></td>
<td>Kennedy R Lees, MD, Glasgow, United Kingdom</td>
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**Short Break (5:00 pm – 5:15 pm)**
## Thursday, February 13 (3:30 pm – 5:00 pm)

<table>
<thead>
<tr>
<th>Category</th>
<th>Pediatric Stroke</th>
<th>Vascular Biology in Health and Disease</th>
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<tbody>
<tr>
<td>Session Title</td>
<td>Advances in Neuroimaging: New Tools to Understand Injury and Repair in Pediatric Stroke</td>
<td>Direct Thrombin Inhibitors and Neuroprotection: An Unexpected Journey</td>
</tr>
<tr>
<td>Session Type</td>
<td>Invited Symposium</td>
<td>Invited Symposium</td>
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<tr>
<td>Room</td>
<td>28A-D</td>
<td>30A-D</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Michael Rivkin, MD, Boston, MA Adam Kirton, MD, MSc, FRCP, Calgary, AB, Canada</td>
<td>Sheryl Martin-Schild, MD, PhD, New Orleans, LA Jaroslaw Aronowski, MS, PhD, Houston, TX</td>
</tr>
<tr>
<td>3:30</td>
<td>Diffusion Tensor Imaging: Window into Neonatal Brain Plasticity</td>
<td>Biology of PAR-1, APC and Thrombin</td>
</tr>
<tr>
<td>Terry Inder, St Louis, MO</td>
<td>Bersilaj V Zlokovic, MD, PhD, Los Angeles, CA</td>
<td></td>
</tr>
<tr>
<td>3:49</td>
<td>Functional MRI and Connectivity: Recovery of Neural Networks in Children after Stroke</td>
<td>Thrombin Toxicity and the Neurovascular Unit</td>
</tr>
<tr>
<td>Patrick Lyden, MD, Los Angeles, CA</td>
<td>Richard F Keep, PhD, Ann Arbor, MI</td>
<td></td>
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<tr>
<td>4:08</td>
<td>Perfusion MRI and Optical Imaging in Acute Childhood Stroke</td>
<td>Role of Thrombin Mediating Hemorrhagic Edema</td>
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<tr>
<td>Daniel J Licht, MD, Philadelphia, PA</td>
<td>Andrew Barreto, MD, Houston, TX</td>
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<tr>
<td>4:27</td>
<td>Imaging Vascular Elements of the Neurovascular Unit: the Effect of Age</td>
<td>Clinical Trials of Direct Thrombin Inhibitors for Stroke – Focus on Argatroban</td>
</tr>
<tr>
<td>Rebecca N Ichord, MD, Philadelphia, PA</td>
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<tr>
<td>4:45</td>
<td>Discussion</td>
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## Session Title: Junior Investigator Session II

<table>
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<tr>
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<tr>
<td>Room</td>
<td>33</td>
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<tr>
<td>Moderator(s)</td>
<td>Gregory Bix, MD, PhD, Lexington, KY Jin-Moo Lee, MD, PhD, St Louis, MO</td>
</tr>
<tr>
<td>3:30</td>
<td>EEG-NIRS based low-cost screening and monitoring of cerebral microvessels functionality</td>
</tr>
<tr>
<td>Anirban Dutta, PhD, Berlin, Germany</td>
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</tr>
<tr>
<td>3:35</td>
<td>Discussant</td>
</tr>
<tr>
<td>3:40</td>
<td>Q&amp;A</td>
</tr>
<tr>
<td>3:48</td>
<td>The Roles of Set-β Neuronal Survival, Axon Growth and Regeneration</td>
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<tr>
<td>Felix Trakhtenberg, PhD, MS, Miami, FL</td>
<td></td>
</tr>
<tr>
<td>3:53</td>
<td>Discussant</td>
</tr>
<tr>
<td>3:58</td>
<td>Q&amp;A</td>
</tr>
<tr>
<td>4:06</td>
<td>A comprehensive view of Inflammation Underlying Hypertension as a Preceding and Co-morbid Status to Ischemic Stroke</td>
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<tr>
<td>Helena Morrison, PhD, RN, Augusta GA</td>
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<tr>
<td>4:11</td>
<td>Discussant</td>
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<tr>
<td>4:16</td>
<td>Q&amp;A</td>
</tr>
<tr>
<td>4:24</td>
<td>Tissue Plasminogen Activator Impairs Stem Cell Function, Thus Limiting Recovery Following Stroke</td>
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<tr>
<td>J Mocco, MD, MS, Nashville, TN</td>
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</tr>
<tr>
<td>4:29</td>
<td>Discussant</td>
</tr>
<tr>
<td>4:34</td>
<td>Q&amp;A</td>
</tr>
<tr>
<td>4:42</td>
<td>Acetazolamide in the treatment of acute ischemic stroke due to cerebral small vessel disease</td>
</tr>
<tr>
<td>Angelos Katramados, MD, Detroit, MI</td>
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<tr>
<td>4:47</td>
<td>Discussant</td>
</tr>
<tr>
<td>4:52</td>
<td>Q&amp;A</td>
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**Short Break (5:00 pm – 5:15 pm)**
5:15 pm – 6:45 pm
Poster Sessions
Poster Hall, Hall G

5:15 pm – 6:15 pm
Professor-Led Poster Tours by Category:
Brief Presentation and Moderated Q&A with Poster Presenters
Moderated Posters TP1 – TP120; see pg 72 in the Poster Abstracts index for a complete listing of all the posters in the Thursday Professor-Led Poster Tour session.

6:15 pm – 6:45 pm
Regular Poster Session:
One-on-One Time for an Individual Q&A with Poster Presenters
These posters are not included in the 5:15 Professor-Led Poster Tour Session above.
Posters TP1 – TP368; see pg 79 in the Poster Abstracts index for a complete listing of all the posters in this Thursday session.
Ongoing Clinical Trials Posters CT P1 – CT P53; see pg 98 in the Poster Abstracts index for a complete listing of all the Ongoing Clinical Trials posters in this Thursday session.
FAHA's and other stroke leaders – please be sure to show your support for young investigators and attend the poster sessions.
We’re making Americans aware of TWO IMPORTANT STROKE SIGNS.

They’re the signs that identify facilities certified as Primary Stroke Centers and Comprehensive Stroke Centers. We’re helping patients and their families learn to look for these certification symbols and understand their significance through communication resources such as our map tool at heart.org/myhealthcare.

If your hospital isn’t already on the map, start earning your spot by visiting heart.org/certification.
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## FRIDAY, FEBRUARY 14 (7:30 am – 9:00 am)

<table>
<thead>
<tr>
<th>Category</th>
<th>Preventive Strategies</th>
<th>Experimental Mechanisms and Models</th>
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<tbody>
<tr>
<td>Session Title</td>
<td>Cryptogenic Stroke: Knowns and Unknowns</td>
<td>Remote Limb Conditioning: A New, Safe Therapy for Stroke?</td>
</tr>
<tr>
<td>Session Type</td>
<td>Invited Symposium</td>
<td>Invited Symposium</td>
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<tr>
<td>Room</td>
<td>Ballroom 20A</td>
<td>33</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Richard A Bernstein, MD, PhD, Chicago, IL David Kent, MD, Boston, MA</td>
<td>David Hess, MD, Augusta, GA Miguel A Perez-Pinzon, PhD, FAHA, Miami, FL</td>
</tr>
</tbody>
</table>

### Session: 7:30

- **7:30** **Separating Pathogenic PFOs and Those with a High Risk of Recurrence from the Risk**  
  David E Thaler, PhD, Boston, MA  
  Pre-clinical Models of Remote Limb Conditioning: John Zhang, MD, PhD, Loma Linda, CA

### Session: 7:49

- **7:49** **Clinical Trials of PFO Closure for Prevention of Recurrent Stroke: What Went Wrong?**  
  Anthony J Furlan, MD, Cleveland, OH  
  Mechanisms of Remote Limb Conditioning: Heng Zhao, PhD, Stanford, CA

### Session: 8:08

- **8:08** **Undetected Atrial Fibrillation in Cryptogenic Stroke**  
  Martin A Ritter, MD, Munster, Germany  
  Remote Limb Conditioning in the Heart: Andrew Redington, MD, Toronto, ON, Canada

### Session: 8:27

- **8:27** **Redefining the Symptomatic Carotid Plaque**  
  Tobias Saam, MD, Munich, Germany  
  Remote Limb Conditioning in Stroke Trials: Sebastian Koch, MD, Miami, FL

### Session: 8:45

- **8:45** **Discussion**

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### Category: Cerebral Large Artery Disease

<table>
<thead>
<tr>
<th>Session Title</th>
<th>Cerebral Large Artery Disease Oral Abstracts II</th>
<th>Experimental Mechanisms and Models Oral Abstracts II</th>
</tr>
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<tbody>
<tr>
<td>Session Type</td>
<td>Abstract</td>
<td>Abstract</td>
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<tr>
<td>Room</td>
<td>Ballroom 20D</td>
<td>31</td>
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<tr>
<td>Moderator(s)</td>
<td>Tanya Turan, MD, FAHA, Charleston, SC</td>
<td>Marilyn Cipolla, PhD, MS, FAHA, Burlington, VT</td>
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</table>

### Session: 7:30

- **7:30** **Ipsilateral Ischemic Stroke in Japanese Patients With Asymptomatic Carotid Stenosis on Recent Medical Treatment**  
  162 Eiisuke Furu, Kohhan Hosp, Sendai, Japan  
  Diet-induced Diabetes Impairs Neovascularization and Functional Recovery After Ischemic Stroke: Zhi Qu, Georgia Regents Univ, Augusta, GA

### Session: 7:42

- **7:42** **Carotid Stenosis and Stroke Recurrence in Minor Stroke Patients With Atrial Fibrillation**  
  163 Shigeru Fujimoto, Steel Memorial Yawata Hosp, Kitakyushu, Japan  
  Aspirin Reduces Mortality Caused by Intracranial Aneurysm Rupture in mPGES-1 Deficient Mice: Ricardo A Pena Silva, Univ of Iowa, Iowa City, IA

### Session: 7:54

- **7:54** **Comparison Between Transcranial Doppler and Functional MRI With Breath Holding Test for Cerebral Vasoreactivity Assessment in Patients with Carotid Stenosis**  
  164 Cynthia R Campos-Herrera, State Univ of Campinas, Brazil  
  Effect of Long-Term Treatment With Fimasartan on Transient Focal Ischemia in Rat Brain: Chi K Kim, Seoul Natl Univ Hosp, Seoul, Korea, Republic of

### Session: 8:06

- **8:06** **Platelet Derived Growth Factor (pdgf) is Associated With Progression of Symptomatic Intracranial Large Artery Atherosclerosis**  
  165 Sang-Wuk Jeong, Dongguk Univ Coll of Med, Goyang City, Korea, Republic of  
  Circulating Mirna Profiles Discriminate Stroke Severity Associated With Age and Sex: Amutha Selvamani, Texas A&M Health Science Ctr, Bryan, TX

### Session: 8:18

- **8:18** **Carotid Artery Stent Placement and Carotid Endarterectomy in Patients with Dialysis Dependent Renal Failure**  
  166 Malik M Adil, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN  
  Effects of Ischemic Preconditioning on Microglial Phenotype and Transcriptome: Jonathan R Weinstein, Univ of Washington, Seattle, WA

### Session: 8:30

- **8:30** **Noninvasive MRI Measurement of Cerebrovascular Reactivity Enables Evaluation of Surgical Revascularization Response in Moyamoya**  
  167 Travis R Ladner, Vanderbilt Univ Sch of Med, Nashville, TN  
  Roles of Pericyte NADPH Oxidase 4 in Acute Brain Ischemia: Ataru Nishimura, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan

### Session: 8:42

- **8:42** **Coated-Platelets Improve TIA/Stroke Prediction in Asymptomatic Internal Carotid Artery Stenosis**  
  168 Angela Kirkpatrick, Univ of Oklahoma Health Sciences Ctr, Oklahoma City, OK  
  The Role of ER-α, ER-β, and AR in the FCG Model of Ischemic Brain Injury: Kathryn C Bentivegna, Univ of Connecticut Health Ctr, Farmington, CT

### Session: 8:54

- **8:54** **Discussion**
### FRIDAY, FEBRUARY 14 (7:30 am – 9:00 am)

<table>
<thead>
<tr>
<th>Category</th>
<th>Outcomes, Quality and Health Services Research</th>
<th>Stroke Guidelines Session</th>
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<tbody>
<tr>
<td>Session Title</td>
<td>Transitional Stroke Care: The Intersection of Practice, Research, and Policy</td>
<td>Invited Symposium</td>
</tr>
<tr>
<td>Session Type</td>
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<td>Invited Symposium</td>
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<tr>
<td>Room</td>
<td>28A-D</td>
<td>Ballroom 20BC</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Pamela W Duncan, PhD, FAPTA, FAHA, Winston-Salem, NC Rosemarie B King, RN, PhD, FAHA, Chicago, IL Alejandro Rubinstein, MD, Rochester, MN Karen Furie, MD, MPH, FAHA, Providence, RI</td>
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<tr>
<td>7:30</td>
<td>How Effective Are Current Stroke Transitional Care Interventions?</td>
<td>An Updated Definition of Stroke for the 21st Century</td>
</tr>
<tr>
<td></td>
<td>Janet P Bettger, ScD, FAHA, Durham, NC</td>
<td>Scott Kasner, MD, MS, FAHA, Philadelphia, PA</td>
</tr>
<tr>
<td>7:49</td>
<td>Translating Research into Practice: Transitional Care and Systematic Stroke Prevention</td>
<td>(7:42) AHA/ASA Scientific Advisory Oral Antithrombotic Agents for the Prevention of Stroke in Atrial Fibrillation</td>
</tr>
<tr>
<td></td>
<td>Cheryl Bushnell, MD, MHS, Winston-Salem, NC</td>
<td>Karen Furie, MD, MPH, FAHA, Providence, RI</td>
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<tr>
<td>7:49</td>
<td>(7:54) Decline in Stroke Mortality</td>
<td></td>
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<tr>
<td></td>
<td>Daniel Lackland, DPH, FAHA, Mt Pleasant, SC</td>
<td></td>
</tr>
<tr>
<td>8:06</td>
<td>Life-limiting Stroke: Integration of Palliative Care in the Transitional Framework</td>
<td>(8:06) Cerebral and Cerebellar Infarction with Swelling</td>
</tr>
<tr>
<td></td>
<td>Theresa Green, RN, PhD, Calgary, AB, Canada</td>
<td>Kevin Shefti, MD, FAHA, New Haven, CT</td>
</tr>
<tr>
<td>8:27</td>
<td>Improving Care Transitions: Policymakers’ Perspective</td>
<td>(8:18) The Risk Adjustment of Ischemic Stroke Outcomes for Comparing Hospital Performance</td>
</tr>
<tr>
<td></td>
<td>Anne F Deutsch, PhD, CRRN, RN, Chicago, IL</td>
<td>Irene Katzman, MD, MS, FAHA, Cleveland, OH</td>
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<tr>
<td>8:45</td>
<td>Discussion</td>
<td>(8:30) Guidelines for the Prevention of Stroke in Women</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cheryl Bushnell, MD, MHS, Winston Salem, NC</td>
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### Intracerebral Hemorrhage

<table>
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<tbody>
<tr>
<td>Session Title</td>
<td>Intracerebral Hemorrhage Oral Abstracts II</td>
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<tr>
<td>Session Type</td>
<td>Abstract</td>
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<tr>
<td>Room</td>
<td>30A-D</td>
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<tr>
<td>Moderator(s)</td>
<td>Joan Montaner, MD, PhD, Barcelona, Spain Thorsten G Steiner, MD, PhD, Heidelberg, Germany</td>
</tr>
<tr>
<td>7:30</td>
<td>Long Term Mortality in Acute Ischemic Stroke Patients with Nonvalvular Atrial Fibrillation According to Location and Burden of Cerebral Microbleeds 176</td>
</tr>
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<td></td>
<td>Tae-Jin Song, Ewha Womans Univ Sch of Med, Seoul, Korea, Republic of</td>
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<td>7:42</td>
<td>Oral Anticoagulation Related Intracerebral Hemorrhage Is Becoming More Common and Less Fatal. A Nationwide Study From Finland 177</td>
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<td></td>
<td>Atte Meretoja, Helsinki Univ Central Hosp, Helsinki, Finland</td>
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<td>7:54</td>
<td>Desmopressin Increases Platelet Activity After Acute Intracerebral Hemorrhage 178</td>
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<td>Andrew M Naidech, Northwestern Univ, Chicago, IL</td>
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<td>8:06</td>
<td>Racial-ethnic Blood Pressure Differences in Acute Intracerebral Hemorrhage 179</td>
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<td>Sebastian Koch, Univ of Miami, Miami, FL</td>
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<tr>
<td>8:18</td>
<td>The Relation of Timing and Degree of Blood Pressure Control with Hematoma Growth - Secondary Analysis of The Interact2 Trial 180</td>
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<td></td>
<td>C Stapf, APHP - Hôpital Lariboisière, Paris, France</td>
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<tr>
<td>8:30</td>
<td>Meta-Analysis of Genome-Wide Association Studies Identifies Two New Susceptibility Loci for Intracerebral Hemorrhage 181</td>
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<td></td>
<td>Daniel Woo, Univ of Cincinnati Coll of Med, Cincinnati, OH</td>
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<tr>
<td>8:42</td>
<td>“Spot” Sign vs “Dot” Sign as Predictor of Hemorrhagic Stroke Outcomes 182</td>
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<tr>
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<td>Katherine O Brag, Tulane Univ Sch of Med, New Orleans, LA</td>
</tr>
<tr>
<td>8:54</td>
<td>Discussion</td>
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For changes to the program made since the Final Program went to print, please check the online Program/Itinerary Planner located on the ISC Web site at strokeconference.org.

The Oral Abstracts list the Presenting Author (first in bold) and the Senior Author (last) of the abstract. For the complete Author Block of an abstract (including the Conflict of Interest information), please check the online Program/Itinerary Planner on the ISC Web site at strokeconference.org or the ISC abstracts online in the Stroke journal.

The number listed immediately after the abstract's title is the abstract's presentation number.
### FRIDAY, FEBRUARY 14 (9:10 am – 10:40 am)

<table>
<thead>
<tr>
<th>Category</th>
<th>Acute Endovascular Treatment</th>
<th>Basic and Preclinical Neuroscience of Stroke Recovery</th>
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<tr>
<td>Session Title</td>
<td>Acute Endovascular Treatment Oral Abstracts II</td>
<td>Basic and Preclinical Neuroscience of Stroke Recovery Oral Abstracts II</td>
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<tbody>
<tr>
<td>Room</td>
<td>Ballroom 20D</td>
<td>33</td>
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</table>

| Moderator(s) | Michael D Hill, MD, MSc, FRCP, Calgary, AB, Canada | Marc Ribó, MD, PhD, Barcelona, Spain | Richard Miller, MD, La Jolla, CA | Luther Creed Pettigrew, MD, MPH, Lexington, KY |

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>9:10</td>
<td>Examining the Effect of Intra-Arterial Therapy on Outcomes in IV tPA Ineligible Ischemic Stroke Patients 190</td>
<td>Afrouz Sarraj, UT Houston, Houston, TX; Sean I Savitz, UT Houston, Houston, TX</td>
</tr>
<tr>
<td>9:22</td>
<td>Drivers of Costs Associated With Reperfusion Therapy in Acute Stroke: The IMS III Trial 184</td>
<td>Joseph P Broderick, Univ of Cincinnati, Cincinnati, OH</td>
</tr>
<tr>
<td>9:46</td>
<td>Risk-adjusted Comparison of Good Functional Outcome at 3 Months after Primary Endovascular Therapy or Intravenous Thrombolysis Alone. Results from an Observational, Population-based Study 185</td>
<td>Sónia Abilleira, Agency for Health Quality and Assessment of Catalonia (AHOAC), Barcelona, Spain; Miquel Gallofré, Agency for Health Quality and Assessment of Catalonia (AHOAC), Barcelona, Spain</td>
</tr>
<tr>
<td>9:58</td>
<td>Impact of General Anesthesia on Safety and Outcomes in the Endovascular Arm of IMS III 187</td>
<td>Alex Abou-Chebl, Univ of Louisville Sch of Med, Louisiville, KY; Joseph P Broderick, Univ of Cincinnati, Cincinnati, OH</td>
</tr>
<tr>
<td>10:10</td>
<td>Correlation of Angiographic Capillary Index Score (CIS) with Diffusion and Perfusion MR Imaging in the DEFUSE 2 Trial 188</td>
<td>Michael P Marks, Stanford Univ Med Ctr, Stanford, CA; Greg W Albers, Stanford Univ Med Ctr, Stanford, CA</td>
</tr>
<tr>
<td>10:22</td>
<td>STAR: CT and MR Perfusion Imaging and Good Outcomes in Endovascular Stroke Treatment 189</td>
<td>David S Liebeskind, Univ of Louisville, Louisville, KY; John G Maguire, University of Cincinnati, Cincinnati, OH; Alok Patel, Texas A&amp;M, College Station, TX; Douglas S Meyer, University of Kentucky, Lexington, KY</td>
</tr>
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### Category: Vascular Biology in Health and Disease

<table>
<thead>
<tr>
<th>Session Title</th>
<th>Does Protecting the Brain from Stroke and Its Neurodegenerative Effects Have Its Origins in Youth?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session Type</td>
<td>Invited Symposium</td>
</tr>
<tr>
<td>Room</td>
<td>Ballroom 20A</td>
</tr>
</tbody>
</table>

| Moderator(s) | Joanna Wardlaw, MD, Edinburgh, United Kingdom; Virginia J Howard, PhD, FAHA, Birmingham, AL |

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>9:10</td>
<td>Epigenetic and Environmental Effects on Brain Development: A Link to Late Life Disease</td>
<td>Jonathan Rosand, MD, Boston, MA</td>
</tr>
<tr>
<td>9:48</td>
<td>What Risk Factors in Youth Predick Vascular Disease in Old Age: Why?</td>
<td>George Howard, DPH, FAHA, Birmingham, AL</td>
</tr>
<tr>
<td>10:07</td>
<td>White Matter Integrity, Genetics and Brain Vascular Disease: Genetic, Epigenetic and Environmental Predictors of Vulnerability</td>
<td>Peter Kochanek, PhD, Baltimore, MD</td>
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| Category: Nursing |

<table>
<thead>
<tr>
<th>Session Title</th>
<th>Stroke Family Caregivers: Research, Resources and Policy</th>
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<tbody>
<tr>
<td>Session Type</td>
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</tr>
<tr>
<td>Room</td>
<td>28A-D</td>
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</table>

| Moderator(s) | Margaret Kelly-Hayes, EdD, RN, FAAN, Boston, MA; Elaine T Miller, DNS, RN, CRNN, FAHA, FAAN, Cincinnati, OH |

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
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</thead>
<tbody>
<tr>
<td>9:55</td>
<td>(9:55) Resources, Policy and Future Directions to Support Stroke Family Caregivers</td>
<td>Barbara Lutz, PhD, RN, CRNN, FAHA, Wilmington, NC</td>
</tr>
<tr>
<td>10:10</td>
<td>(10:10) Stroke Family Caregiving: An International Perspective</td>
<td>Anu Berg, PhD, Lappeenranta, Finland</td>
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### Discussion

<table>
<thead>
<tr>
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<td>9:10</td>
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<td>Abstract</td>
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</table>
FRIDAY, FEBRUARY 14 (9:10 am – 10:40 am)

### Session Title: Emergency Care/Systems Oral Abstracts II

#### Session Type: Debate

**Moderator(s):**
- J David Spence, MD, London, ON, Canada
- Octavio M Pontes Neto, MD, PhD, Ribeirao Preto, Brazil

**Room:** Ballroom 20BC

**10:10**
- **Optimizing Therapeutic Choices in Symptomatic Carotid Stenosis**
  - Robert E Harbaugh, MD, Hershey, PA

**10:25**
- **Discussion**

### Session Title: Cerebral Large Artery Disease

#### Session Type: Debate

**Moderator(s):**
- J David Spence, MD, London, ON, Canada

**Room:** Ballroom 20BC

**9:10**
- **Optimizing Therapeutic Choices in Symptomatic Carotid Stenosis**
  - Robert E Harbaugh, MD, Hershey, PA

**9:35**
- **Can We Identify High and Low Risk Patients with Carotid Stenosis?**
  - Hugh Markus, MD, FRCPI, Cambridge, United Kingdom

**10:00**
- **Can We Be Sure That SAMMPRIS-style Medical Therapy Is Sufficient in Low Risk Patients with Carotid Stenosis?**
  - Martin M Brown, MD, MA, MD, FRCPI, London, United Kingdom

**10:25**
- **Discussion**

---

**Short Break (10:40 am – 11:00 am)**

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**For changes to the program made since the Final Program went to print, please check the online Program/Itinerary Planner located on the ISC Web site at strokeconference.org.**

The Oral Abstracts list the Presenting Author (first in bold) and the Senior Author (last) of the abstract. For the complete Author Block of an abstract (including the Conflict of Interest information), please check the online Program/Itinerary Planner on the ISC Web site at strokeconference.org or the ISC abstracts online in the Stroke journal.

The number listed immediately after the abstract’s title is the abstract’s presentation number.
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Plenary Session</th>
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<tbody>
<tr>
<td>11:00</td>
<td>The Next Big Thing in Stroke (at Lightning Speed)</td>
<td>Plenary Session III</td>
</tr>
<tr>
<td>11:06</td>
<td>S Claiborne Johnston, MD, FAHA, San Francisco, CA</td>
<td>Steven M Greenberg, MD, PhD, FAHA, Boston, MA</td>
</tr>
<tr>
<td>11:12</td>
<td>A Gregory Sorensen, MD, Washington DC</td>
<td>Kyra Becker, MD, FAHA, Seattle, WA</td>
</tr>
<tr>
<td>11:18</td>
<td>S Thomas Carmichael, MD, PhD, Los Angeles, CA</td>
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<tr>
<td>11:24</td>
<td>Jeffrey L Saver, MD, FAHA, FAAN, Los Angeles, CA</td>
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<tr>
<td>11:30</td>
<td>Monique M B Breteler, MD, PhD, Bonn, Germany</td>
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<tr>
<td>11:36</td>
<td>Ulrich Dirnagl, MD, Berlin, Germany</td>
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<tr>
<td>11:42</td>
<td>Hugh Markus, MD, FRCP, Cambridge, United Kingdom</td>
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<tr>
<td>11:48</td>
<td>Lawrence Wong, MD, Shatin, Hong Kong</td>
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<tr>
<td>11:54</td>
<td>Leigh R Hochberg, MD, PhD, Boston, MA</td>
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<tr>
<td>12:00</td>
<td>Introduction of the William M Feinberg Award</td>
<td>Walter Koroshetz, MD, FAAN, Bethesda, MD</td>
</tr>
<tr>
<td>12:03</td>
<td>William M Feinberg Award for Excellence in Clinical Stroke: Hemodynamics and Stroke Risk in Carotid Artery Occlusion</td>
<td>Steven M Greenberg, MD, PhD, FAHA, Boston, MA</td>
</tr>
<tr>
<td>12:35</td>
<td>Cryptogenic Stroke and Underlying Atrial Fibrillation (CRYSTAL AF) LB11 Richard A Bernstein, Northwestern Medical Sch, Chicago, IL Katherine Lindborg, Medtronic, Inc, Mounds View, MN</td>
<td></td>
</tr>
<tr>
<td>12:47</td>
<td>Improving Door-to-Needle Times in Acute Ischemic Stroke: Principal Results from the Target: Stroke Initiative LB12 Gregg C Fonarow, UCLA Medical Ctr, Los Angeles, CA Lee H Schwamm, Massachusetts General Hosp, Boston, MA</td>
<td></td>
</tr>
<tr>
<td>12:59</td>
<td>ISC 2015 Program Chair’s Closing Remarks</td>
<td></td>
</tr>
</tbody>
</table>

**Start Planning Now for the International Stroke Conference 2015 in Nashville, Tennessee!**

**CALL FOR SCIENCE**

Thank you for attending the International Stroke Conference 2014. Please don’t forget these important dates for the International Stroke Conference 2015:

- **Submit Session Ideas**
  Suggested Session Submitter Opens: Monday, Feb 10, 2014
  Suggested Session Submitter Closes: Monday, March 10, 2014

- **Submit Your Best Science for Consideration for ISC 2015**
  Presenting your science at ISC offers you many benefits:
  - **International Impact:** Media coverage from around the world resulted in more than 1.4 billion media impressions from nearly 1,500 stories for ISC 2013.
  - **Network with Leaders in the Stroke Field:** Attend ISC and discuss your findings with stroke research and practice experts from around the globe.
  - **Virtual Reach:** The ISC virtual reach through the AHA/ASA Web site, e-mails, YouTube, Facebook and Twitter activity reached more than 90,000 people daily.
  - **Published Abstracts:** Accepted ISC and Nursing Symposium abstracts will be published online on the Stroke journal Web site.

**Submit Abstracts**
Submission Opens: Wednesday, May 21, 2014
Submission Closes: Tuesday, Aug 12, 2014

**Submit Late-Breaking Science and Ongoing Clinical Trials Abstracts**
Submission Opens: Wednesday, Oct 8, 2014
Submission Closes: Wednesday, Nov 5, 2014

The link to submit abstracts and/or session ideas can be found at strokeconference.org/submitscience on the opening date listed above.

*In order to encourage a broad range of science and speakers, international authors and junior authors are strongly encouraged to submit abstracts for presentation.*
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# POSTER ABSTRACT PRESENTATIONS

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<th>Date</th>
<th>Time</th>
<th>Location</th>
<th>Description</th>
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<tbody>
<tr>
<td>Wednesday, February 12</td>
<td>5:15 PM – 6:45 PM</td>
<td>Hall G</td>
<td>Professor-Led Poster Tours by Category, Session I: Moderated Q&amp;A with Poster Presenters (Hall G)</td>
</tr>
<tr>
<td>Thursday, February 13</td>
<td>5:15 PM – 6:45 PM</td>
<td>Hall G</td>
<td>Professor-Led Poster Tours by Category, Session II: Moderated Q&amp;A with Poster Presenters (Hall G)</td>
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Moderated Posters W MP1 – W MP12; see pg 48 – pg 54 in the Poster Abstract Index for a complete listing of all the posters in this Wednesday Professor-Led Poster Tour session.

### 6:15 PM – 6:45 PM

**Poster Session I:** One-on-One Time for an Individual Q&A with Poster Presenters (Hall G)

These posters are not included in the 5:15 Professor-Led Poster Tour Session above.

Posters W P1 – W P374; see pg 55 – pg 72 in the Poster Abstract Index for a complete listing of all the posters in this Wednesday session.

PPS 1 – PPS 3; see pg 72 in the Poster Abstract Index for a complete listing of all of the posters in this special Wednesday session. These posters contain relevant and important science that was either previously published (print or online) or was previously presented at another meeting prior to the International Stroke Conference 2014.

Late-Breaking Science Posters LP1 – LP P24; see pg 97 – pg 98 in the Poster Abstract Index for a complete listing of all of the Late-Breaking Science posters in this Wednesday session.

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</table>

Moderated Posters T MP1 – T MP12; see pg 72 – pg 79 in the Poster Abstract Index for a complete listing of all the posters in this Thursday Professor-Led Poster Tour session.

### 6:15 PM – 6:45 PM

**Poster Session II:** One-on-One Time for an Individual Q&A with Poster Presenters (Hall G)

These posters are not included in the 5:15 Professor-Led Poster Tour Session above.

Posters T P1 – T P368; see pg 79 – pg 96 in the Poster Abstract Index for a complete listing of all the posters in this Thursday session.

Ongoing Clinical Trials Posters CT P1 – CT P53; see pg 96 – pg 101 in the Poster Abstract Index for a complete listing of all of the Ongoing Clinical Trials Posters in this Thursday session.

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**PROFESSOR-LED POSTER TOURS AND POSTER SESSIONS**

During the ISC 2014 poster sessions, there will be both Professor-Led Poster Tours and Regular Poster Sessions. The Professor-Led Poster Tours are organized by poster category. Leaders in the stroke field will take groups of conference attendees around 12 speaker-attended posters ordered by category. Each poster presenter will have approximately 2 minutes to present the highlights of his or her work, followed by 3 minutes for a Q&A from attendees. There are 10 different poster tours to select from during each Professor Poster Session.

To be a part of a Poster Tour, please turn to pg 48 (Wednesday) and pg 72 (Thursday) in the Poster Abstracts section of the Final Program and decided which section/category of posters you would like to attend during each of the two Professor Poster Sessions. Five – ten minutes prior to the Poster Tour Session start time, simply go to the correspondingly numbered “Section” sign for that section/category of posters.

During the Regular Poster Sessions, poster presenters will stand by their poster for individual Q&A time with attendees; they will not give a formal presentation. These posters are separate and not a part of the Professor-Led Poster Tours. To see the posters in the Regular Poster Session, please turn to pg 55 (Wednesday) and pg 79 (Thursday) in the Poster Abstracts section of the Final Program.

For the most current poster moderator and poster information, please check the online Program/Itinerary Planner on the ISC Web site at strokeconference.org.

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**PROFESSOR-LED POSTER TOURS BY CATEGORY: SESSION I**

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<td>Wednesday, February 12</td>
<td>5:15 PM – 6:15 PM</td>
<td>Hall G</td>
<td>Acute Endovascular Treatment and Nursing Moderated Poster Tour W MP1 – W MP12</td>
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</table>

### SECTION 1

Moderators: Dileep R Yavagal, MD, Miami, FL; Virginia S Daggett, PhD, RN Indianapolis, IN

Poster Board Number MP1 / Presentation Number W MP1
Leadership + Education = Quality
Deb S Motz, Johanna A Sharp, Thelma Garcia, Dicky Huey, Lori Czekaj, Tommey Austin, Baptist Health System, San Antonio, TX

Poster Board Number MP2 / Presentation Number W MP2
Daily Goals Poster Supports Effective Patient Education
Deb S Motz, Johanna A Sharp, Thelma Garcia, Tracy Moore, Dicky Huey, Tommey Austin, Baptist Health System, San Antonio, TX

Poster Board Number MP3 / Presentation Number W MP3
Modifiable Risk Factors of Stroke and Psychosocial Health Factors Among Community-Residing Adults With Prehypertension
Hue-Young Song, Dept of Nursing, Wonju, Korea, Republic of Korea

Poster Board Number MP4 / Presentation Number W MP4
Psychometric Evaluation of an Instrument to Assess Perceived Benefits and Barriers to Exercise for Stroke Prevention among African Americans
Dawn Aycock, Patricia Clark, GEORGIA STATE UNIVERSITY, Atlanta, GA

Poster Board Number MP5 / Presentation Number W MP5
The Global Impact of Recent Intra-Arterial Therapy (IAT) Randomized Controlled Trials on Current and Future Stroke Practice
Annmarie Barraj, Wafib Bihars, UT Houston, Houston, TX; Amelia O Boehme, Univ of Alabama, Birmingham, AL; Sheryl Martin-Schild, Tulane Univ, New Orleans, LA; James C Grotta, Sean I Savitz, UT Houston, Houston, TX

Poster Board Number MP6 / Presentation Number W MP6
Pre-treatment Neuroimaging Is Critical To Identify Acute Stroke Patients With Large Infarcts Unlikely to Respond to Endovascular Therapy
Don Frei, Swedish Medical Ctr, Englevood, CO; Albert Yoo, Massachusetts General Hosp, Boston, MA; Donald Heck, Forsyth Medical Ctr, Winston-Salem, NC; Frank Hellinger II, Florida Hosp, Orlando, FL; Vance McCollom, Mercy Health Ctr, Oklahoma City, OK; David Fiorella, Stony Brook Medical Ctr, Stony Brook, NY; Aquilla Turk III, Medical Univ of South Carolina, Charleston, SC; Tim Mialisch, Alexander Brothers Medical Ctr, Elk Grove Village, IL; Osama Zaidat, Medical Coll of Wisconsin, Milwaukee, WI; Michael Alexander, Cedars-Sinai Medical Ctr, Los Angeles, CA; Tom Devlin, Erlanger Health System, Chattanooga, TN; Eady Levy, Kaleida Health, Buffalo, NY; Qaisar Shah, Abington Memorial Medical Ctr, Abington, PA; Ferdinand Hui, Cleveland Clinic, Cleveland, OH; Mayank Goyal, Alberta Health Services, Calgary, AB, Canada; Raj Ghodke, Harborview Medical Ctr, Seattle, WA; Ali Shaiabani, Northwest Community Hosp, Arlington Heights, IL; Mark Hamigan, Univ of Alabama at Birmingham, Birmingham, AL; Tudor Jovin, UPMC Health System, Pittsburgh, PA; Michael Madison, St Joseph’s HealthEast – St Paul, St Paul, MN; Zeshan Chaudhry, Ramon Gonzalez, Massachusetts General Hosp, Boston, MA; Leticia Barraza, Arani Bose, Siu Po Sit, Penumbra, Inc, Alameda, CA; START Investigators

Poster Board Number MP7 / Presentation Number W MP7
Predictors and Implications of Capacity to Provide Informed Consent for Acute Ischemic Stroke Treatment Trials
Hari Kishan R Indupuru, Loren Shen, Amber N Jacobs, Chuyun Hui, James C Grotta, Andrew D Barreto, Univ of Texas Health Science Ctr at Houston, Houston, TX

Poster Board Number MP8 / Presentation Number W MP8
The Natural History of Acute Ischemic Stroke from Large Vessel Proximal Occlusion: A Comparison with the IMS III Patients
Vallabha Janardhana, Alex Venizelos, Ryan M Giansenos, Sherman H Chen, Parita Bhuta, Mark M Murray, Madhhu B Vijayappra, Paul A Hansen, Anita Guthmann, Texas Stroke Inst, Dallas-Fort Worth, TX; Raymond Cheung, Queen Mary Hosp, Hong Kong, China; Thomas Leung, Prince of Wales Hosp, Hong Kong, China; Lynne Ammar, Denise Myer, Christina To, Sophia S Kuo, Hope Bueli, Leticia Barraza, Arani Bose, Siu Po Sit, Penumbra, Inc, Alameda, CA; Penumbra FIRST Trial Investigators
Acute Neuroimaging Moderated Poster Tour  W MP13 – W MP24

SECTION 2

Moderator: Lawrence L Latour, PhD, Bethesda, MD

Poster Board Number MP13 / Presentation Number W MP13
Missed Imaging Diagnosis Without CT Perfusion May Affect Clinical Decision for TPA and Thrombectomy in Acute Stroke
Sarah W Meng, Xiang Liu, Michael Hewitt, Christiana Care Health Services, Wilmington, DE

Poster Board Number MP14 / Presentation Number W MP14
Early Infarct Growth Predicts Long-term Clinical Outcome In Ischemic Stroke
Seung Min Kim, Deok Hee Lee, Sun U Kwon, Sang Joon Kim, Jong-Sik Kim, Dong-Wha Kang, Asan Medical Ctr;Univ of Ulsan Coll of Med, Seoul, Korea, Republic of

Poster Board Number MP15 / Presentation Number W MP15
A Novel Magnetic Resonance Imaging Approach for Collateral Flow Imaging in Ischemic Stroke
Suk Jae Kim, Samsung Medical Ctr, Seoul, Korea, Republic of; Jeong Pyo Son, Samsung Biomedical Res Inst, Seoul, Korea, Republic of, SooKyoung Ryoo, Chang Hye Yoon, Jihoon Cha, Gyeong-Moon Kim, Chin-Sang Chung, Kwang Ho Lee, Oh Young Bang, Samsung Medical Ctr, Seoul, Korea, Republic of

Poster Board Number MP16 / Presentation Number W MP16
Lower Apparent Diffusion Coefficient Ratio Predicts Increased Swelling After Ischemic Stroke
Thomas W Battey, Mahima Karki, Ona Wu, Aneesha B Singhal, Massachusetts General Hosp, Boston, MA; Kevin N Sheth, Yale New Haven Hosp, New Haven, CT; W Taylor Kimberly, Massachusetts General Hosp, Boston, MA

Poster Board Number MP17 / Presentation Number W MP17
Basilar Plaque on High Resolution MRI Predicts Early Neurologic Deterioration After Pontine Infarction
Hyun Young Kim, Young Seo Kim, Kyu-Yong Lee, Seong-Ho Koh, Coll of Med, Hanyang Univ, Seoul, Korea, Republic of; Sung Hyuk Heo, Da-II Chang, Coll of Med, Kyung Hee Univ, Seoul, Korea, Republic of; Yeong-Bae Lee, Coll of Med, Gachon Univ, Incheon, Korea, Republic of

Poster Board Number MP18 / Presentation Number W MP18
Baseline-24h CT ASPECTS Mismatch A Predictor Variable of Successful Thrombectomy
Pedro Cardona, Helena Guesada, Luis Cano, Blanca Lara, Paloma Mora, Sonia Aixit, Lucia Aja, Bellvitge Univ Hosp, Barcelona, Spain; Ana Escrig, Parc Sanitari Sant Joan de Deu, Sant Boi, Spain; Maria Angeles De Miquel, Francisco Rubio, Bellvitge Univ Hosp, Barcelona, Spain

Poster Board Number MP19 / Presentation Number W MP19
MRI Voxel-Based Profiling of Tissue Viability and Ischemia in Acute Ischemic Stroke: Elimination of Time as a Treatment Barrier?
Aaron P Tansy, Fabien Scalzo, Sidney Starkman, Latiska K Ali, Doojin Kim, Paul M Vespa, Neal M Rao, Anil Ylapparagada, Jeffrey R Alger, Noriko Salamoun, Jeffrey L Saver, David S Liebeskind, UCLA Sch of Med, Los Angeles, CA; for the UCLA Stroke Investigators

Poster Board Number MP20 / Presentation Number W MP20
PerfAngio: A Software Solution for Quantitative Perfusion Angiography
Fabien Scalzo, Armit S Ahluwalia, Zbing Huang, Gary Ren, David S Liebeskind, UCLA, Los Angeles, CA

Poster Board Number MP21 / Presentation Number W MP21
Contrast Staining on CT After Endovascular Treatment for Acute Ischemic Stroke: Association With Worse Outcomes
Esteban Cheng-Ching, Muhammad S Hussain, Gabor Toth, Nancy Obuchowski, Shuemei Man, Dolora Wisco, Ken Uchino, Ferdinand Hui, Cleveland Clinic, Cleveland, OH

Poster Board Number MP22 / Presentation Number W MP22
Hypercence MCA Sign as a Recanalization And Outcomes Predictor Of IA Thrombectomy
Anat Horev, UPMC, Pittsburgh, PA; David G Romero, La Fe, Valencia, Spain; Brian T Jankowitz, Amin Aghaebrahim, Cynthia L Kenmuir, Ashutosh Jadhav, Tudor G Jovin, UPMC, Pittsburgh, PA

Poster Board Number MP23 / Presentation Number W MP23
About 30% Of Wake-up Stroke Patients May Be Candidate For The Ipa Therapy Using Negative-FLAIR As A Tissue Clock
Koichiro Nagai, Kazumi Kimura, Junya Aoki, Kansaku Shihazaki, Takuya Ebata, Takahiro Sato, Naoki Saji, Junichi Uemura, Kawasaki Medical Sch, kurashiki-city okayama, Japan

Poster Board Number MP24 / Presentation Number W MP24
Modified Tibi (Thrombolysis in Brain Ischemia) Grading System for Assessment of Abnormal Residual Flow at Site of Intracranial Occlusion in Acute Ischemic Stroke
Aftab Ahmad, Univ Of Alberta Hosp, Edmonton, AB, Canada; Vijay Kumar Sharma, Natl Univ Health System, Singapore, Singapore; Khushid Khan, Univ Of Alberta Hosp, Edmonton, AB, Canada; Andrei V Alexandrov, Univ of Alabama Hosp, Birmingham, AL; Georgios Tsivgoulis, Univ of Athens, Athens, Greece; Ashfaq Shuaib, Maher Saqour, Univ Of Alberta Hosp, Edmonton, AB, Canada

Aneurysm and SAH and Other Neurocritical Management Moderated Poster Tour  W MP25 – W MP36

SECTION 3

Moderator: TBD

Poster Board Number MP25 / Presentation Number W MP25
Stroke Outcomes in Patients Receiving Extracorporeal Membranous Oxygenation
Deena Nasr, Alejandro Rabinstein, Mayo Clinic, Rochester, MN

Poster Board Number MP26 / Presentation Number W MP26
Intracranial Pressure Waveforms Indicate Vasodilation During Remote Ischemic Conditioning
Robert Hamilton, Mark Connolly, Xiao Hu, Nestor R Gonzalez, UCLA, Los Angeles, CA

Poster Board Number MP27 / Presentation Number W MP27
Time to Peak Troponin T Levels Following Subarachnoid Hemorrhage
Katherine Duello, Jay P Nagel, William D Freeman, Joseph L Blackshear, David A Miller, Mayo Clinic Florida, Jacksonville, FL

Poster Board Number MP28 / Presentation Number W MP28
Early Elevation of Plasma Soluble Fms-Like Tyrosine Kinase-1 Is Associated With Poor Functional Outcome After Subarachnoid Hemorrhage
Sherry H-Y Chou, Steven K Feske, Brigham and Women’s Hosp, Harvard Medical Sch, Boston, MA; Sarah Suh, Kristina Lieu, Brigham and Women’s Hosp, Boston, MA; Rose Du, Galen V Henderson, Farzaneh A Sorond, Brigham and Women’s Hosp, Harvard Medical Sch, Boston, MA; Eng H Lo, MingMing Ning, Massachusetts General Hosp; Harvard Medical Sch, Boston, MA
CSF MicroRNA-181b is Associated With Poor 6-Month Outcome Following Subarachnoid Hemorrhage
Sherry H-Y Chou, Basak Icli, Brigham and Women's Hosp; Harvard Medical Sch, Boston, MA; Meghan Cahill, Brigham and Women's Hosp, Boston, MA; Rose Du, Brigham and Women's Hosp; Harvard Medical Sch, Boston, MA; Sarah Suh, Brigham and Women's Hosp, Boston, MA; Galen V Henderson, Farzan A Sorond, Steven K Feske, Brigham and Women's Hosp; Harvard Medical Sch, Boston, MA; Eng H Lo, MingMing Ning, Massachusetts General Hosp; Harvard Medical Sch, Boston, MA

Poster Board Number MP30 / Presentation Number W MP30
Safety of Unfractionated Heparin for Venous Thromboembolism Prophylaxis in Patients With Aneurysmal Subarachnoid Hemorrhage
Airton Leonardo Manoel, Alberto Goffi, David Turkel-Parrella, Victoria McGreedy, David Ben-Israel, Simon Abrahamsun, Univ of Toronto, Toronto, ON, Canada

Poster Board Number MP31 / Presentation Number W MP31
Thrombotic and Hemorrhagic Complications After Pipeline Embolization – A Platelet Aggregation and Transcranial Doppler Study
Radoslav Raychev, UCLA Stroke Ctr, Los Angeles, CA; Satoshi Tateshima, Fernando Vinuela, Reza Jahan, Nestor Gonzalez, Viktor Szedter, Amit Bagdure, Angelos Konstas, Gary Duckwiler, UCLA Stroke center, Los Angeles, CA

Poster Board Number MP32 / Presentation Number W MP32
Localized Increase of Chemokines in the Lumen of Human Cerebral Aneurysms
Nehra Chalouhi, Thomas Jefferson Univ and Jefferson Hosp for Neuroscience, Philadelphia, PA; Lauren Points, Univ of Iowa, Philadelphia, PA; Gary L Pierce, Zuhair Ballas, Univ of Iowa, Iowa City, IA; Pascal Jabbour, Thomas Jefferson Univ and Jefferson Hosp for Neuroscience, Philadelphia, PA; David Hasan, Univ of Iowa, Iowa City, IA

Poster Board Number MP33 / Presentation Number W MP33
Brain and Aortic Aneurysm Screening – Cost-Effectiveness of Screening for Intracranial Aneurysms
Boxiang Jiang, Benjamin Z Ball, John R Gaughrn Jr, Univ of Virginia, Charlottesville, VA; Robert D Brown Jr, Mayo Clinic, Rochester, MN; James C Torner, Univ of Iowa, Iowa City, IA; George J Stukenborg, Andrew M Southerland, Bradford B Worrall, Univ of Virginia, Charlottesville, VA

Poster Board Number MP34 / Presentation Number W MP34
Safety and Efficacy of Hydrosoft Coils in the Treatment of the Aneurysm Neck: Preliminary Results From the GEL THE NEC Registry
Mark W Feinberg, Brigham and Women's Hosp; Harvard Medical Sch, Boston, MA; MingMing Ning, Massachusetts General Hosp; Harvard Medical Sch, Boston, MA; Waleed Brinjikji, Beth B Connelly, Mayo Clinic, Rochester, MN; David Tubman, Abbott

Poster Board Number MP35 / Presentation Number W MP35
Localized increase of Myeloperoxidase in the Lumen of Human Cerebral Aneurysms
David M Hasan, Yi Chu, William M Nauseef, Gary L Pierce, Univ of Iowa, Iowa City, IA; Guangjie Cheng, Univ of Alabama Sch of Med, Birmingham, AL; Lauren Wegman-Points, Ricardo A Pena Silva, Donald D Heidst, Univ of Iowa, Iowa City, IA

Poster Board Number MP36 / Presentation Number W MP36
The Phenomenon of Delayed Pipeline Embolization Device Migration: Technical Considerations, Complication Avoidance, and Management
Nehra Chalouhi, Stavroula Tjoumakakis, L Fernando Gonzalez, David Hasan, Peter Pema, Grahame Gould, Robert Rosenwasser, Pascal Jabbour, Thomas Jefferson Univ, Philadelphia, PA

Poster Board Number MP37 / Presentation Number W MP37
A Novel Homocysteine Inhibitor Enhances Neurological Recovery after Cerebral Ischemia in Mice and Non-Human Primates
Hiroko Suzuki, Daisuke Fukudome, Satoshi Yuki, Mitsubishi Tanabe Pharma Corp, Yokohama, Japan

Poster Board Number MP38 / Presentation Number W MP38
Apolipoprotein A-I (ApoA-I) Mimetic Peptide, D-4F, Regulates miRNA Expression and Improves Functional Outcome after Stroke in Diabetic Rats
Ruizhuo Ning, Michael Chopp, Alex Zacharek, Tao Yan, Cynthia Roberts, Jieli Chen, Henry Ford Hosp, Detroit, MI

Poster Board Number MP39 / Presentation Number W MP39
Basic Fibroblast Growth Factor After Ischemic Stroke In Diabetic Patients – Research For Biomarkers In Ischemic Stroke (REBiOS) – Kuniyuki Nakamura, Fukusaka Dental Coll Medical and Dental Hosp, Fukusuka, Japan; Tetsuro Ago, Koichi Arimura, Noriko Makharuka, Ataru Nishimaru, Ryo Matsu, Yoshimbo Wakaioka, Junya Kuodo, Graduate Sch of Medical Sciences, Kyushu Univ, Fukusuka, Japan; Tetsu Isomura, Hitoko Awano, Kazu Suzuki, Molecule Corp, Yokohama, Japan; Yasushi Okada, Natl Hosp Organization Kyushu Medical Ctr, Fukusuka, Japan; Masahiro Karmouchi, Graduate Sch of Medical Sciences, Kyushu Univ, Fukusuka, Japan; Hiroaki Ooboshi, Fukusoka Dental Coll Medical and Dental Hosp, Fukusuka, Japan; Takenari Kitanzono, Graduate Sch of Medical Sciences, Kyushu Univ, Fukusuka, Japan

Poster Board Number MP40 / Presentation Number W MP40
Pyruvate Protects Post-Hypoxic Neuronal Cells and a Blood Brain Barrier Model From rIPA Toxicity
Myoung-Swi Ryoo, Gourav Roy Choudhury, Ali Winters, Loukun Xie, Robert T Mallet, Shao-hua Yang, UNT Health Science Ctr at Fort Worth, Fort Worth, TX

Poster Board Number MP41 / Presentation Number W MP41
Potentiation of Gaba-Mediated Synaptic Inhibition in the Recovery Phase: A Novel Therapeutic Target for Stroke
Takeshi Hiu, Nagasaki Univ, Nagasaki, Japan; Tonya Blais, Jeanne Paz, Eric Wang, Zoya Farzampour, Andrew Olson, Kristina Mcheva, Gordon Wang, Kevin Tran, Nathan Manley, Robin Lemmens, Yasuhiro Nishiyama, Abnet Mac, Scott Hamilton, Nancy O'Rourke, Stephen Smith, John Huguenard, Gary Steinberg, Stanford Univ, Stanford, CA

Poster Board Number MP42 / Presentation Number W MP42
Early Treatment With Minocycline Promotes Neurovascular Remodeling of Tight Junctions Facilitating Recovery After Stroke in Rat Brain
Yi-R Yang, Victor M Saleynidika, Eduardo Y Estrata, Jeffrey F Thompson, Gary A Rosenberg, Yi Yang, Univ of New Mexico, Albuquerque, NM

Poster Board Number MP43 / Presentation Number W MP43
Fetal and Maternal Microchimeric Responses to Ischemic Stroke
Anita Patel, Rodney Ritzel, Sarah Pan, Louise McCullough, Univ of Connecticut, Farmington, CT

Poster Board Number MP44 / Presentation Number W MP44
Longitudinal MEG Measures for Cortical Reorganization Underlying Paretic Hand Recovery After Subacute Stroke
Chih-Wei Tang, I-Hui Lee, Natl Yang-Ming Univ, Taipei, Taiwan

Poster Board Number MP45 / Presentation Number W MP45
Mitochondrial PS3 Inhibition Abolishes Detrimental Effect of Post-Stroke Isolation on Ischemic Injury
Venugopal Reddy venna, Lena M O'Keefe, Yan Xu, Rajkumar Verma, Anthony Patrizz III, Brett Friedler, Louise D McCullough, UConn Health Ctr, Farmington, CT

Poster Board Number MP47 / Presentation Number W MP47
Mitochondrial PS3 Inhibition Abolishes Detrimental Effect of Post-Stroke Isolation on Ischemic Injury
Venugopal Reddy venna, Nickolas Mancini, Victoria Scratchon, Anthony Patrizz III, Yow-Pin Lim, Louise D McCullough, Univ of Connecticut Health Ctr, Farmington, CT
SECTION 5

Community/Risk Factors Moderated  W MP49 – W MP60

Poster Board Number MP49 / Presentation Number W MP49
Carriage of the PI2A Allele of Glycoprotein IIIa is Associated With an Increased Risk of Ischemic Stroke: A Meta-Analysis
Ben H Ellis, Christopher N Floyd, Albert Ferré, King’s Coll London, London, United Kingdom

Poster Board Number MP50 / Presentation Number W MP50
Risk Prediction of Incident Acute Ischemic Stroke (AIS): Pooled Data Analysis of Cohort Studies
Dilip K Pandey, UIC Coll of Med, Chicago, IL; Philip B Gorelick, Hauenstein Neuroscience Inst, Grand Rapids, MI

Poster Board Number MP51 / Presentation Number W MP51
ICD-9 Code Positive Predictive Value for Stroke Subtype in a Population-Based Epidemiology Study
Kathleen Alwell, Univ of Cincinnati, Cincinnati, OH; Jane C Khoury, Cincinnati Childrens Hosp Medical Ctr, Cincinnati, OH; Dawn O Kleindorfer, Charles J Moorman, Jane Elieerman, Daniel Woo, Matthew Flaherty, Simona Ferioli, Filelli DeLos Rios La Rosa, Sharyl Martini, Brett M Kissela, Univ of Cincinnati, OH

Poster Board Number MP53 / Presentation Number W MP53
Cerebrovascular Events Occurring After Hospital Discharge for Labor and Delivery
Nandita Sriram, Dominic A Hoveysip, Hooman Kamel, Babak B Navi, Weil Cornell Medical Coll, New York, NY

Poster Board Number MP54 / Presentation Number W MP54
Risk Factors for Nosocomial Infections after Intracerebral Hemorrhage and Their Impact on Outcome: The Ethnic/Racial Variations of Intracerebral Hemorrhage (ERICH) Study

Poster Board Number MP55 / Presentation Number W MP55
Inflammatory Biomarkers and Incident Stroke in the Framingham Offspring Study
Ashkan S Aeroian, Harvard Medical Sch, Boston, MA; Sarah R Preiss, Boston Univ Sch of Public Health, Boston, MA; Alexa S Beiser, Boston Univ Sch of Public Health, Boston Univ Sch of Med, Boston, MA; Carlos S Kase, Philip A Wolf, Emelia J Benjamin, Jose R Romero, Sudha Seshadri, King’s Coll London, London, United Kingdom

Poster Board Number MP56 / Presentation Number W MP56
Left Atrial Septal Pouch as a Stroke Risk Factor: Association With Cryptogenic Stroke
Jonathan Wong, California Pacific Medical Ctr, San Francisco, CA; Dawn Lombardo, UC Irvine Medical Ctr, Orange, CA; Nathan Wong, UC Irvine Sch of Med, Irvine, CA; Mark Fisher, UC Irvine Medical Ctr, Orange, CA

Poster Board Number MP57 / Presentation Number W MP57
Illicit Cocaine Use and Risk of Ischemic Stroke: The Stroke Prevention in Young Adults Study
Yu-Ching Cheng, Veterans Affairs Maryland Health Care System; Univ of Maryland Sch of Med, Baltimore, MD; Saad A Gadawi, Kathleen A Ryan, Univ of Maryland Sch of Med, Baltimore, MD; John W Cole, Steven J Kittner, Veterans Affairs Maryland Health Care System; Univ of Maryland Sch of Med, Baltimore, MD

Poster Board Number MP58 / Presentation Number W MP58
The Relationship Between Carotid Stiffness, Diastolic Diameter, and White Matter Hyperintensity Volume: <i>The Northern Manhattan Study</i>
Matthew S Markert, Kansas Univ Medical Ctr, Kansas City, KS; Chuanhu Dong, David Delta-Morte, Eugene Roberts, Susanne Bartels, The Univ of Miami, Miami, FL; Mitchelli S Ekined, Columbia Univ, New York, NY; Ralph L Sacco, Clinton B Wright, Tatjana Rundek, The Univ of Miami, Miami, FL

Poster Board Number MP59 / Presentation Number W MP59
Spanish Language Consent Process Increases Prehospital Clinical Trial Enrollment in the Hispanic Community
Samantha B Cherin, UCLA, Los Angeles, CA; Nerces Sanossian, USC, Los Angeles, CA; Latissha Ali, Lucas Restrepo, Miguel Valdes-Sueiras, UCLA, Los Angeles, CA; Scott Hampton, Stanford Univ, Palo Alto, CA; Robin Connvit, Natl Insts of Health, Bethesda, MD; Marc Eckstein, Los Angeles Fire Dept, Los Angeles, CA; Franklin Pratt, Los Angeles County Fire Dept, Los Angeles, CA; Samuel Stratton, Univ of California, Irvine, Irvine, CA; Sidney Starkman, Jeffrey L Saver, UCLA, Los Angeles, CA; For the FAST-MAG Investigators and Coordinators

SECTION 6

Diagnosis of Stroke Etiology Moderated  W MP61 – W MP71

Poster Board Number MP60 / Presentation Number W MP60
Atrial Fibrillation is Associated with Worse Collaterals in Acute Stroke: Angiography in the ENDOSTROKE Registry
David S Liebeskind, UCLA, Los Angeles, CA; Christian H Nolte, Georg Bohner, Charité Hosp, Berlin, Germany; Tobias Neumann-Haefelin, Erich Hofmann, Klinikum Fulda, Fulda, Germany; Joachim Berkefeld, Oliver C Singer, Goethe Univ, Frankfurt, Germany; for the ENDOSTROKE Study group

Poster Board Number MP61 / Presentation Number W MP61
Prevalence of Echocardiographic Abnormalities in Acute Ischemic Stroke
Bryan Eckerle, Univ of Cincinnati, Cincinnati, OH; Heidi Sucharew, Cincinnati Children’s Hosp Medical Ctr, Cincinnati, OH; Kathleen Alwell, Charles J Moorman, Matthew Flaherty, Sharyl Martini, Daniel Woo, Pooja Khatri, Opeolu Adeyoe, Simona Ferioli, Brett M Kissela, Dawn O Kleindorfer, Univ of Cincinnati, Cincinnati, OH

Poster Board Number MP62 / Presentation Number W MP62
Plaque Heterogeneity of Carotid Artery Stenosis Measured by 3D Ultrasonography and the Gray Scale Median is Predictive of Cerebrovascular Events
Roland-Richard Macharzina, Julia Helm, Alexia Bührsch, Anna Grabs, Univ Heart Ctr Freiburg – Bad Krozingen, Bad Krozingen, Germany; Roman Szatziel, Univ of Geneva, Geneva, Switzerland; Werner Vach, Inst of Medical Biometry, Univ of Freiburg, Freiburg, Germany; Thomas Zeller, Franz-Josef Neumann, Univ Heart Ctr Freiburg – Bad Krozingen, Bad Krozingen, Germany

Poster Board Number MP63 / Presentation Number W MP63
Diagnostic Yield of an Extended Ambulatory Cardiac Rhythm Monitor in Patients With TIA or Stroke
Christie E Tung, Maarten G Lansberg, Mintu P Turakhia, Stanford Univ, Palo Alto, CA

Poster Board Number MP64 / Presentation Number W MP64
Evaluation of Deep Venous Thrombosis in Cryptogenic Stroke and Patent Foramen Ovale
Ana L Liberman, Vistasp Daruwalla, Deborah Bergman, Richard A Bernstein, Yvonne Curran, James C Carr, Jeremy D Collins, Shyam Prabhakaran, Northwestern Univ, Chicago, IL

Poster Board Number MP65 / Presentation Number W MP65
Accuracy of Two-Dimensional Echocardiography using Second Harmonic Imaging for the Diagnosis of Intracardiac Right-to-Left Shunt: A Meta-Analysis of Prospective Studies

Poster Board Number MP66 / Presentation Number W MP66
Are Carotid Artery Stenosis-Isolated and Carotid Artery-Plus Two Distinct Entities?
Vishal B Jani, Michigan State Univ, East Lansing, MI; Adil Malik, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN; Sayed Hussain, Michigan State Univ, East Lansing, MI; Adnan I Qureshi, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN
Poster Board Number MP68 / Presentation Number W MP68
MRI Infarct Patterns Do Not Predict Long-Term Cardiac Rhythm Recorder Findings
Keith Phoa, Mahesh Kate, Ashfaq Shuaib, Ibrahim Vaseen, Kenneth Butcher, Brian Buck, Univ of Alberta, Edmonton, AB, Canada

Poster Board Number MP70 / Presentation Number W MP70
Characteristics of Patients With Microemboli Detected With Transcranial Doppler Monitoring
Lauren Hoffman, Zubair Ahmed, Rebecca Michael, Leasa Baus, Larry Raber, Irene Katsan, Cleveland Clinic Fnd, Cleveland, OH

Poster Board Number MP71 / Presentation Number W MP71
Quantification of Cerebral Vascular Reserve Mapping from Dynamic Susceptibility Contrast Magnetic Resonance Imaging
Yong I Jeong, Renee Qian, Parmede Vakil, Northwestern Univ, Evanston, IL; Michael C Hurley, Sameer A Ansari, Bernard R Bendok, Northwestern Memorial Hosp, Chicago, IL; Hunt Batjer, UT Southwestern Medical Ctr, Dallas, TX; Timothy J Carroll, Northwestern Univ, Evanston, IL

Poster Board Number MP73 – W MP84
Moderated Poster Tour

SECTION 7

Moderators: Louise D McCullough, MD, PhD, Avon, CT
Ken Arai, PhD, Charlestown, MA

Poster Board Number MP73 / Presentation Number W MP73
Protective Effect of Argatroban on Behavioral Outcome Following MCAo up to Four Hours
Lifu Zhao, Benedict Pereira, Jessica Lamb, Padmesh Rajput, Patrick Lyden, Cedars-Sinai Medical Ctr, Los Angeles, CA

Poster Board Number MP75 / Presentation Number W MP75
Docosahexaenoic Acid Upregulates Iduna Expression in the Ischemic Penumbra and Protects Rat Brains Against Focal Ischemia
Nicolas G Bazan, Pranab K Mukherjee, Veronica Balaszcuz, Larissa Khozutrova, Daniela V Anzola, Sung-Ha Hong, Ludmila Belayev, Louisiana State Univ, New Orleans, LA

Poster Board Number MP76 / Presentation Number W MP76
Ischemic Postconditioning Protected Against Stroke by Inhibiting NADPH Oxidase-Mediated ROS Activity
Sungpil Joo, Stanford Univ, Palo Alto, CA; Weiyang Xie, Stanford, Stanford, CA; Yifang Fan, Heng Zhao, Stanford Univ, Stanford, CA

Poster Board Number MP77 / Presentation Number W MP77
The Role of Ischemia/Reperfusion Generated Nitrative Stress on VEGF Angiogenic Signaling in Diabetic rats
Mohammed A Abdelseid, Roshini Prakash, Weiguo Li, Maha Coucha, Susan Fagan, Adviye Ergul, Georgia Regents Univ, Augusta, GA

Poster Board Number MP78 / Presentation Number W MP78
Small Changes in Intracellular pH Block Ischemic and Excitotoxic Cell Death by Suppressing Neuronal Superoxide Production
Seok Joon Won, Tina Lam, Angela M Brennan-Minnella, UCSF, San Francisco, CA; Yejie Shi, Dandan Sun, U Pittsburgh, Pittsburgh, PA; Raymond A Swanson, UCSF, San Francisco, CA

Poster Board Number MP79 / Presentation Number W MP79
The Sex Chromosome Complement Contributes to Ischemic Stroke Sensitivity and Inflammatory Responses in Aged FCG Mice
Fudong Liu, Kathryn Bentivegna, Mehwish Mirza, Eleanor B Steffens, Yan Xu, Louise D McCullough, University Conn Health Center, Farmington, CT

Poster Board Number MP80 / Presentation Number W MP80
Stroke Alters Neutrophil and Monocyte Function
Johanna Ruhnau, Karsten Schulze, Bernadette Gaidia, Sönke Langner, Christof Kessler, Barbara Bröker, Alexander Dressel, Antje Vogelgesang, Univ Greifswald, Greifswald, Germany

Poster Board Number MP81 / Presentation Number W MP81
Excess Salt Increases Infarct Size Produced by Photothermobic Middle Cerebral Artery Occlusion Without Increasing Blood Pressure in Spontaneously Hypertensive Rats
Hiroshi Yao, Natl Hosp Organization Hizen Psychiatric Ctr, Saga, Japan; Toru Nakiba, Shimane Univ Sch of Med, Izumo, Japan

Poster Board Number MP82 / Presentation Number W MP82
Role of OPG/RANKL/RANK System in Ischemic Brain in Mice
Munehisa Shimamura, Hironori Nakagami, Mariana Klomy Osako, Hitomi Kurinami, Osaka Univ, Osaka, Japan; Koui Wakayama, The Univ of Tokyo, Tokyo, Japan; Hiroshi Koriyama, Ryuichi Morishita, Osaka Univ, Osaka, Japan

Poster Board Number MP83 / Presentation Number W MP83
Transcutaneous Vagus Nerve Stimulation for Treatment of Acute Cerebral Ischemia in Rats
Ilknur Ay, Hakan Ay, Mass General Hosp, Charlestown, MA

Poster Board Number MP84 / Presentation Number W MP84
Erythropoietin Inhibits Oxidation of Tetrahydrobiopterin and Restores Bioavailability of Endothelial Nitric Oxide in Cerebral Microvessels of Hph-1 Mice
Anantha Vijay R Santhanham, Livius V d Uscio, Leslie A Smith, Zvonimir S Katusic, Mayo Clinic, Rochester, MN

Poster Board Number MP85 / Presentation Number W MP85
Amyloid Angiopathy-related Inflammation
Matthew L Flaherty, MD, Cincinnati, OH; Ken Butcher, MD, PhD, FRCP, Edmonton, AB, Canada

Poster Board Number MP86 / Presentation Number W MP86
Improving the Accuracy of the ABC/2 Estimation Technique in Spontaneous Supratentorial Intracerebral Hemorrhage
Wendy Ziai, Saman Nekoovaght-Tak, Johns Hopkins Univ Sch of Med, Baltimore, MD; Joshua F Betz, John Muschelli, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; J Ricardo Carhuapoma, Johns Hopkins Hosp, Baltimore, MD; Daniel F Hanley, Johns Hopkins Univ, Baltimore, MD

Poster Board Number MP87 / Presentation Number W MP87
Lack of Improvement in Incidence and Case-Fatality of First Time Hospital Admission With Intracerebral Hemorrhage in Denmark 2004-2012
Tobias Pilgaard Ottoesen, Marie Louise Schmitz, Merton Schmidt, Jacob Bonde Jacobsen, Grethe Andersen, Søren Paaske Johnsen, Aarhus Univ Hosp, Aarhus N, Denmark

Poster Board Number MP88 / Presentation Number W MP88
Reduced Platelet Activity is Associated With Intraventricular Hematoma Clearance
Matthew B Maas, Anna L Romanova, Michael D Berman, James C Guth, Eric M Liotta; Andrew M Naidech, Northwestern Univ, Chicago, IL

Poster Board Number MP89 / Presentation Number W MP89
Validation of Clinical-Radiological Criteria for the Diagnosis of Cerebral Amyloid Angiopathy-related Inflammation
Eltan Aueri, Mahmut Edip Guroi, Jun Ni, Elvis Van Etten, Sergi Martinez-Remirez, J Philip Kistler Stroke Res Ctr, Massachusetts General Hosp, Boston, MA; Fabrizio Piazza, Jacopo DiFrancesco, Dept of Surgery and Interdisciplinary Med, Univ of Milano-Bicocca, Monza, Italy, Milano, Italy; Matthew Frosch, Neuropathology Service, CS Kubik Lab for Neuropathology, Massachusetts General Hosp and Harvard Medical Sch, Boston, Mass, Boston, MA; Octavio Pontes-Neto, Anastasi Vashkevich, Alison Ayers, Ashkan Shoamanehs, Kristin Schwab, Anand Viswanathan, Steven Greenberg, J Philip Kistler Stroke Res Ctr, Massachusetts General Hosp, Boston, MA
Poster Board Number MP090 / Presentation Number W MP90

APoE Variants are Associated With Increased Risk of Warfarin-Related Intracerebral Hemorrhage
Guido J Falcone, Farid Radmanesh, H Bart Brouwers, Lennox P Chitsike, William J Devan, Thomas W K Battey, Anand Viswanathan, Joshua N Goldstein, Steven M Greenberg, Massachusetts General Hospital, Boston, MA; Devin L Brown, Univ of Michigan Health System, Ann Arbor, MI; Bradford B Worrell, Univ of Virginia Health System, Charlottesville, VA; James F Meschia, Mayo Clinic, Jacksonville, Jacksonville, FL; Scott L Silliman, Univ of Florida Coll of Med, Jacksonville, FL; Magdy Selim, Beth Israel Deaconess Medical Ctr, Boston, MA; David L Tirschwell, Univ of Washington, Seattle, WA; Alessandro Biffi, Massachusetts General Hospital, Boston, MA; Daniel Woo, Univ of Cincinnati Coll of Med, Cincinnati, OH; Jonathan Rosand, Christopher D Anderson, Massachusetts General Hospital, Boston, MA; on behalf of the International Stroke Genetics Consortium

Poster Board Number MP091 / Presentation Number W MP91

Does Recurrent Intracerebral Hemorrhage Have the Same Etiologic Subtypes According to SMASH-U Classification Method?
Shin-Joe Yeh, Sung-Chun Tang, Li-Kai Tsai, Jiann-Shing Jeng, Natl Taiwan Univ Hosp and Natl Taiwan Univ Coll of Med, Taipei, Taiwan

Poster Board Number MP092 / Presentation Number W MP92

The CAVE Score for Predicting Late Seizures after Intracerebral Hemorrhage
Elena Haapaniemi, Daniel Strbian, Helsinki Univ Central Hosp, Helsinki, Finland; Costanza Rosi, Univ Lille Nord de France, Lille, France; Juukka Putaala, Tuulia Sipi, Satu Mustajano, Tiina Sairanen, Sami Curzte, Jarso Satojat, Reina Roivainen, Markku Kaste, Helsinki Univ Central Hosp, Helsinki, Finland; Charlotte Cordonnier, Univ Lille Nord de France, Lille, France; Turgut Tatliulumak, Atte Meretoja, Helsinki Univ Central Hosp, Helsinki, Finland

Poster Board Number MP093 / Presentation Number W MP93

The STICH II Prognostic Score Predicts Outcomes in the ERICH Study
Jennifer Rasmussen, Lee Birnbaum, University of Texas Health Science Ctr San Antonio, San Antonio, TX; Carl D Langefield, W Mark Brown, Wake Forest Univ Sch of Med, Winston-Salem, NC; Charles J Moomaw, Univ of Cincinnati Coll of Med, Cincinnati, OH; Esther Nanez, University of Texas Health Science Ctr San Antonio, San Antonio, TX; Anastasia Vasilevski, Jonathan Rosand, Massachusetts General Hosp, Boston, MA; Chelsea S Kidwell, Georgetown Univ Medical Ctr, Washington DC, DC; Jennifer Osborne, Daniel Woo, Univ of Cincinnati Coll of Med, Cincinnati, OH

Poster Board Number MP094 / Presentation Number W MP94

Acute Inflammation Expands Cerebral Microbleeds in a Mouse Model of Cerebral Amyloid Angiopathy
Vitaly Vasilevski, MIND Inst, UC Irvine, CA; Mark J Fisher, Dept of Neurology, UC Irvine, CA; Kelley Kilday, Giselle F Plassos, MIND Inst, UC Irvine, CA; Shou Liu, Dept of Anatomy & Neurobiology, UC Irvine, CA; Ronald C Kim, Dept of Pathology & Lab Med, UC Irvine, CA; Annia Paganini-Hill, Neurology Dept, UC Irvine, CA; David H Cribb, MIND Inst, Dept of Neurology, UC Irvine, CA

Poster Board Number MP095 / Presentation Number W MP95

C2CR2+ Monocytes Contribute to Hematoma Clearance After Experimental Intracerebral Hemorrhage
Matthew D Hammond, Roselyn A Taylor, Xuexi Ai, Lauren H Sansing, Univ of Connecti-cut Health Ctr, Farmington, CT

Poster Board Number MP096 / Presentation Number W MP96

The Role of Thrombin in Hydrocephalus after Intraventricular Hemorrhage
Feng Gao, Fuyi Liu, Zhi Chen, Ya Hu, Richard F Keep, Guohua Xi, Univ of Michigan, Ann Arbor, MI

Outcomes, Quality and Health Services Research Moderated Poster Tour I

Moderators: Jim Burke, MD, Ann Arbor, MI; Linda Williams, MD, Indianapolis, IN

Poster Board Number MP097 / Presentation Number W MP97

Trends in Volume and Mortality in CEA after Introduction of CAS in Medicare population
Hiraku Kumamaru, Harvard Sch of Public Health, Boston, MA; Jessica J Jaibert, Louis L Nguyen, Brigham and Women’s Hosp, Boston, MA; Jun Liu, Marie D Gerhard-Her-man, Chih-Ying Chen, Lauren A Williams, John D Seeger, Brigham and Woman’s Hosp, Boston, MA; Soko Setoguchi, Duke Clinical Res Inst, Durham, NC

Poster Board Number MP098 / Presentation Number W MP98

Tracheostomy Timing Impacts Stroke Recovery
Jennifer A Villwock, Mark R Villwock, Eric M Deshaies, SUNY Upstate Medical Univ, Syracuse, NY

Poster Board Number MP099 / Presentation Number W MP99

Seven-Day Mortality After Ischemic Stroke: International Comparison Among Industrialized Nations
Jin-Moo Lee, Washington Univ Sch of Med in St Louis, St Louis, MO; Thomas Hemmen, Univ of California San Diego, La Jolla, CA; Ji-Jing Chen, Washington Univ Sch of Med in St Louis, St Louis, MO; Richard Lumor, BJH HealthCare, St Louis, MO; Christopher J Deline, Washington Univ Sch of Med in St Louis, St Louis, MO; Steve Middleton, Dr Foster Intelligence, Guildford, United Kingdom; Alex Bottle, Imperial Coll, London, United Kingdom; Caroline Fenwick, Chelsea and Westminster Hosp, London, United Kingdom; Marc Randall, Sheffield Teaching Hosp NHS Fndn Trust, Sheffield, United Kingdom; Michael Pelly, Chelsea and Westminster Hosp, London, United Kingdom; Vincent Thijs, Univ Hosp Leuven, Bressels, Belgium; Natalia Rost, Massachusetts General Hosp, Cambridge, MA; Louise Shaw, Royal United Hosp, Bath, United Kingdom; Emma Vaux, Royal Berkshire NHS Fndn Trust, Reading, United Kingdom; Mark J Alberts, Univ of Texas Southwestern, Dallas, TX; Nina Janda, Rachel Alsap, Keith Schlagbauer, Dr Foster Intelligence, Guildford, United Kingdom; Mary Spencer, BJH HealthCare, St Louis, MO; Kenneth Schechtman, Washington Univ Sch of Med in St Louis, St Louis, MO; Clay Dunningan, BJH HealthCare, St Louis, MO; Gabriel Rinkel, Univ Medical Ctr Utrecht — The Netherlands, Utrecht, Netherlands

Poster Board Number MP100 / Presentation Number W MP100

Hospital SAH Volume Associated With Better Outcomes
Aditya P Pandey, Neeraj Choudhary, Joseph J Gemmety, Byron G Thompson, James Burke, Univ of Michigan, Ann Arbor, MI

Poster Board Number MP101 / Presentation Number W MP101

Disparities in IA Door-to-Needle Time by Patient and Hospital Characteristics
Mary G George, Xin Tong, Ctrs for Disease Control and Prevention, Atlanta, GA

Poster Board Number MP102 / Presentation Number W MP102

Paroxysmal Atrial Fibrillation at Stroke Presentation: Geography, Not Gender, Race, or Ethnicity

Poster Board Number MP103 / Presentation Number W MP103

Stroke Patients With Atrial Fibrillation Who Had Left Atrial Thrombus Are Likely to Have Increased Recurrence In The Long Term
Shinji Yamashita, Noriko Matsumoto, Naoki Saji, Jun-ichi Uemura, Kensaku Shiba- zaki, Kazumi Kimura, Kawasaki Medical Sch, Kurashiki, Japan

Poster Board Number MP104 / Presentation Number W MP104

Quality of Acute Stroke Care at Primary Stroke Centers Before and After Certification in Comparison to Never-Certified Hospitals
NerseS Sanossian, May A Kim-Tenser, Univ of Southern California, Los Angeles, CA; David S Liebeskind, UCLA Stroke Ctr, Los Angeles, CA; Justina Breen, Univ of Southern California, Los Angeles, CA; Scott Hamilton, Stanford, Palo Alto, CA; Robin Convit, NINDS, Bethesda, MD; Samuel Stratton, UCLA, Los Angeles, CA; Marc Eckstein, Univ of Southern California, Los Angeles, CA; Franklin D Pratt, Los Angeles County Fire Dept, Los Angeles, CA; Sidney Starkman, Jeffrey L Saver, UCLA Stroke Ctr, Los Angeles, CA; FAST-MAG Investigators and Coordinators

Poster Board Number MP105 / Presentation Number W MP105

Long Term Stroke Outcome and Caregiving Among Mexican Americans (MA) and Non-Hispanic Whites (NHW): The Population-Based Brain Attack Surveillance in Corpus Christi (BASIC) Study
Brisa N Sanchez, Lynda Lisabeth, Darin Zahuranec, Melinda A Cox, Nelda Garcia, Lewis Morgenstern, Univ of Michigan, Ann Arbor, MI

Poster Board Number MP106 / Presentation Number W MP106

Temporal Trends in Stroke Investigations and Their Effect on Management
Vivian T Ng, Ahmed M Bayoumi, Univ of Toronto, Toronto, ON, Canada; Jiming Fang, Inst for Clinical Evaluative Sciences, Toronto, ON, Canada; Kirsteen R Burton, Univ of Toronto, Toronto, ON, Canada; Joseph Siskind, Inst for Clinical Evaluative Sciences, Toronto, ON, Canada; Moira K Kapral, Univ of Toronto, Toronto, ON, Canada
Poster Board Number MP107 / Presentation Number W MP107
An Updated Cost-Effectiveness Analysis of r-tPA for Acute Ischemic Stroke Treated Within 3 Hours of Symptom Onset
Denise Boudreau, Gregory F Guzaukas, Univ of Washington, Seattle, WA; Er Chen, Darren Tayama, Genentech, Inc, S San Francisco, CA; Susan Fagan, Univ of Georgia, Augusta, GA; David L Veenstra, Univ of Washington, Seattle, WA

Poster Board Number MP108 / Presentation Number W MP108
Accuracy of Diagnoses in Contemporary Medicare Data: REGARDS Study Linked With Medicare Claims
Hiraku Kumamaru, Harvard Sch of Public Health, Boston, MA; Suzanne E Judd, Univ of Alabama at Birmingham Sch of Public Health, Birmingham, AL; Jeffrey R Curtis, Rekha Ramachandran, Univ of Alabama at Birmingham Sch of Med, Birmingham, AL; N Chantelle Hardy, Duke Clinical Res Inst, Durham, NC; J David Rhodes, Univ of Alabama at Birmingham Sch of Public Health, Birmingham, AL; Monika M Satford, Univ of Alabama at Birmingham Sch of Med, Birmingham, AL; Brett Kissela, Univ of Cincinnati, Cincinnati, OH; George Howard, Univ of Alabama at Birmingham Sch of Public Health, Birmingham, AL; Jessica J Jabbert, Brigham and Women's Hosp, Boston, MA; Thomas G Brott, Mayo Clinic, Jacksonville, FL; Soko Setoguchi, Duke Clinical Inst, Durham, NC

Poster Board Number MP107 / Presentation Number W MP107
Quantitative Susceptibility Mapping Reveals Iron Distribution in a Murine CCM Model
Huan Tan, Changbin Shi, Univ of Chicago, Chicago, IL; Tian Liu, MedimageMetric LLC, New York, NY; Robert Edelman, NorthShore Univ HealthSystem, Evanston, IL; Issam Awad, Univ of Chicago, Chicago, IL

Poster Board Number MP118 / Presentation Number W MP118
In Situ B-cell Clonal Expansion and Recombinant Antibody Construction in Human Cerebral Cavernous Malformation
Changbin Shi, Robert Shenkar, Andrew Kinloch, Nai-Ying Zheng, Scott G Henderson, Mark Shaaya, Anita S Chong, Marcus R Clark, Patrick C Wilson, Issam A Awad, Univ of Chicago, Chicago, IL

Poster Board Number MP119 / Presentation Number W MP119
Features of Capillary Malformation-Arteriovenous Malformation Syndrome Associated Cerebral Vascular Anomalies
Johanna Filli, Santiago Ortega-Gutierrez, David Altshul, Srinivasan Paramesivamn, Alejandro Berenstein, StLuke's Roosevelt Hosp, New York, NY

Poster Board Number MP120 / Presentation Number W MP120
Hemorrhage Rates from Brain Arteriovenous Malformations in HHT Patients
Helen Kim, Jeffrey Nelson, UCSF, San Francisco, CA; Timo Krings, Karel ter Brugge, Univ of Toronto, Toronto, ON, Canada; William L Young, UCSF, San Francisco, CA; Marie E Faughnan, Univ of Toronto, Toronto, ON, Canada; HHT Brain Vascular Malformation Consortium (BVMC)

Pediatric Stroke and Vascular Malformations Moderated Poster Tour

SECTION 10

Moderators: Lori Jordan, MD, PhD, Nashville, TN
Gabrielle deVeber, MD, Toronto, ON, Canada

Poster Board Number MP109 / Presentation Number W MP109
Childhood Cerebral Sinovenous Thrombosis (CSVT): Long-Term Neuropsychological Outcomes

Poster Board Number MP110 / Presentation Number W MP110
Stimulant Medications as a Risk Factor for Childhood Stroke
Nancy K Hills, UC San Francisco, San Francisco, CA; Stephen Sidney, Kaiser Permanente Northern California, Oakland, CA; Patrick R Finley, Heather J Fullerton, UC San Francisco, San Francisco, CA

Poster Board Number MP111 / Presentation Number W MP111
Prevalence and Risk Factors of Silent Cerebral Infarcts in Children with Hemoglobin SC Disease
Kristin Guilliams, Washington Univ in St Louis, St Louis, MO; Jennifer Sun, Univ of Cincinnati Coll of Med, Cincinnati, OH; Monica Hulbert, Washington Univ in St Louis, St Louis, MO

Poster Board Number MP112 / Presentation Number W MP112
Factors Associated With Increased In-Hospital Mortality Among Children With Intracerebral Hemorrhage
Malik M Adil, Adnan I Qureshi, Zeenat Qureshi Stroke Res Ctr, St Cloud, MN; Lauren A Bealow, Yale Univ Medical Ctr, New Haven, CT; Ahmed A Malik, Zeenat Qureshi Stroke Res Ctr, St Cloud, MN; Lori C Jordan, Vanderbilt Univ Sch of Med, Nashville, TN

Poster Board Number MP113 / Presentation Number W MP113
Transient Ischemic Attacks Requiring Hospitalization of Children in the United States: Kids' Inpatient Database 2003-2009
Malik M Adil, Adnan I Qureshi, Zeenat Qureshi Stroke Res Ctr, St Cloud, MN; Lauren A Bealow, Yale Univ Sch of Med, New Haven, CT; Lori C Jordan, Vanderbilt Univ Sch of Med, Nashville, TN

Poster Board Number MP114 / Presentation Number W MP114
Arterial Spin Label Perfusion Imaging In Acute Neonatal Stroke Reveals Hyperperfusion in Association With Cerebral Ischemic Injury
Michael J Rivkin, Christopher G Watson, Mathieu Dehaes, Borjan A Gagoski, P Ellen Grant, Boston Children's Hosp, Boston, MA

Poster Board Number MP115 / Presentation Number W MP115
Clinical, Radiographic, and Outcome Characteristics of Patients with Intracerebral Cavernous Malformations and Seizures
Neha Morparia, Chedrus Shin, Robert D Brown Jr, Christianson Terese, Kelly Flemming, Mayo Clinic, Rochester, MN
Acute Endovascular Treatment Posters I

Poster Board Number P1 / Presentation Number W P1
Efficacy of IV TPA in Endovascular Trials: A Pooled Analysis
Mark J Albers, UT Southwestern Medical Ctr, Dallas, TX; Buddy JJ Connors, Vanderbilt Univ, Nashville, TN; Robin Novakovic, Charles Olivera, UT Southwestern Medical Ctr, Dallas, TX
Poster Board Number P2 / Presentation Number W P2
Intra-arterial Contrasted Cone-beam CT Assessment Of Occluded Distal Vessels In Acute Ischemic Stroke Patients With Major Vessel Occlusion
Tatsuoz Amano, Masayuki Sato, Kentaro Mori, Yuji Matsumaru, Yusuke Hamada, Toranomom Hosp, Tokyo, Japan
Poster Board Number P3 / Presentation Number W P3
Clinical Outcomes and Safety of Endovascular Therapy for IV tpa Ineligible Patients Who Present Within the IV tpa Time Window
Amin Aghaebrahim, Srikant Rangaraju, Christopher Streib, Ramesh Grandhi, Michael Reznik, David Campbell, Ashutosh Jadhav, Tudor Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA
Poster Board Number P4 / Presentation Number W P4
Time to Angiographic Reperfusion: A Decision Analysis
Achala Vagal, Mark Eckman, Joseph Broderick, Thomas Tomskich, Univ of Cincinnati Medical Ctr, Cincinnati, OH; Sharon Yeatts, Medical Univ of South Carolina, Cincinnati, OH; Pooja Khatri, Univ of Cincinnati Medical Ctr, Cincinnati, OH
Poster Board Number P5 / Presentation Number W P5
“No Turn Back Approach” to Reduce Treatment Time for Endovascular Treatment of Acute Ischemic Stroke
Adnan I Qureshi, Hosssam Egila, Malik M Adil, Harris Siddiqi, Nidaualiah Milan, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN; Amer E Hassan, Univ of Texas Helath Science Ctr SanAntonio, Harlingen, TX; Jefferson T Miley, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN; Gustavo J Rodriguez, Univ of Texas Helath Science Ctr SanAntonio, Harlingen, TX; M Fareed K Suri, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN
Poster Board Number P6 / Presentation Number W P6
North American Solitaire Stent-Retriever Acute Stroke Registry: Choice of Anesthesia and Outcomes
Alex Abou-Chebl, Univ of Louisville Sch of Med, Louisville, KY; Osama O Zaidat, Alicia C Cestonyguay, Medical Coll of Wisconsin, Milwaukee, WI; Guillerme Dabus, Baptist Cardiac and Vascular Inst, Miami, FL; Michael T Froehle, Vanderbilt Univ Medical Ctr, Nashville, TN; Vallabh Janardhan, Texas Stroke Inst, Dallas, TX; Ashish Nanda, Univ of Missouri, Columbia, MO; Than N Nguyen, Boston Medical Ctr, Boston, MA; Chung-Huan Sun, Raul G Nogueria, Emory Univ Sch of Med, Atlanta, GA
Poster Board Number P7 / Presentation Number W P7
Difficulty of Catheter Access to Occluded Target Vessel Predicts Worse Recanalization and Poor Outcomes
Marc Ribo, Unitat Neurovascular, Hosp Vall d’Hebron, Barcelona, Spain; Rebecca Sugg, Univ of Mississippi Comprehensive Stroke Ctr, Jackson, MS; Lydia D Foster, Medical Univ of South Carolina, Charleston, SC; Carlos A Molina, Unitat Neurovascular Hosp Vall d’Hebron, Barcelona, Spain; Tudor G Jovin, UPMC, Pittsburgh, PA; Tom Tomskich, Univ of Cincinnati Medical Ctr, Cincinnati, OH; Joseph P Broderick, Univ of Cincinnati, Cincinnati, OH; Interventional Management of Stroke (IMS) III Investigators
Poster Board Number P8 / Presentation Number W P8
Role of Core Infarct Volume Affecting the Number Needed to Treat in Endovascular Therapy for Acute Ischemic Stroke From Large Vessel Occlusion
Osama O Zaidat, Medical Coll of Wisconsin, Milwaukee, WI; Albert Yoo, Massachusettes General Hosp, Boston, MA; Vallabh Janardhan, Texas Stroke Inst, Dallas-Fort Worth, TX; Don Frei, Swedish Medical Ctr, Denver, CO; Lynne Amman, Denise Myer, Christina To, Sophia S Kuo, Hope Buell, Leticia Barraza, Arani Bose, Siu Po Sit, Penumbra, Inc, Alameda, CA; for the Penumbra Trials
Poster Board Number P9 / Presentation Number W P9
SAMMPRIS, WASID, and the Non-Linearity of Stroke Risk: Is There Room for Further Trials of Intervention for Intracranial Stenosis?
Nancy T-M Kung, Dushyant Damania, Minal Jain, Anunaya Jain, George E Koch, Curtis Benesch, Babak S Jahromi, Univ of Rochester, Rochester, NY
Poster Board Number P10 / Presentation Number W P10
Endovascular Treatment for Anterior Circulation Stroke Leads to Similar Outcomes in Very Early (within 3 hours) versus Selected Late (Beyond 8 Hours) Presenting Patients
Christopher Streib, Amin Aghaebrahim, Srikant Rangaraju, Brian Jankowitz, Edilberto Amorini, Stephanie Paulini, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Max Wintzmark, Univ of Virginia, Charlottesville, VA; Guangming Zhu, Carlos Leiva-Salinas, Univ of Virginia, Charlottesville, VA; Ashutosh Jadhav, Tudor Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA
Poster Board Number P11 / Presentation Number W P11
A Clinical Scale to Predict Futility Recanalization in Acute Stroke Patients with Anterior Circulation Arterial Occlusion Treated with Endovascular Therapies
Natalia Perez de la Osa, Maria Hernandez-Perez, Monica Millán, Meritxell Gomis, Elena Lopez-Cancio, Laura Dorado, Pablo Garcia-Bermejo, Carlos Castaño, Antoni Dávalos, Hosp Germans Tras i Pujol, Barcelona, Spain
Poster Board Number P12 / Presentation Number W P12
Intra-procedural Hemodynamics in General Anesthesia versus Monitored Anesthesia Care During Endovascular Therapy for Acute Anterior Circulation Ischemic Stroke
Seby John, Umera Thebo, Cleveland Clinic Foundation, Cleveland OH; Maher Saqqur, University of Alberta, Edmonton, AB, Canada; Joao Gomes, Ehab Farag, Muhammad S Hussain, Cleveland Clinic Foundation, Cleveland OH
Poster Board Number P13 / Presentation Number W P13
Which Patients are Informative About Benefits of Neurothrombectomy?: Analysis of the Pooled SWIFT and STAR Trials Dataset
Jeffrey L Saver, David Geffen Sch of Med at UCLA, Los Angeles, CA; Vitor M Pereira, Univ Hosp of Geneva, Geneva, Switzerland; Jan Gralla, Univ of Bern, Bern, Switzerland; Reza Jahan, David Geffen Sch of Med at UCLA, Los Angeles, CA; the SWIFT and STAR Trialists
Poster Board Number P14 / Presentation Number W P14
Endovascular Treatment for M2 Occlusions: A Descriptive Multicenter Experience on Behalf of the Catalon Stroke Code and Reperfusion Consortium (Cat-SCR)
Alan Flores Sr, Alejandro Tomasello, Hosp Vall D’ Hebron, Barcelona, Spain; Pere Cardona, M Angees De Miquel, Hosp Univ Bellvitge, Barcelona, Spain; Meritxell Gomis, Pablo Garcia Bermejo, Hosp Germans Tras i Pujol, Barcelona, Spain; Victor Obach, Xabi Urra, Hosp Clinica, Barcelona, Spain; Martí-Fábregas Joan, Hosp Sant Pau i la Creu, Barcelona, Spain; David Canovas, Hosp Parc Tauli, Barcelona, Spain; Jaume Roquer, Hosp del Mar, Barcelona, Spain; Sonia Abilleira, Pla Director de Malaltia Vascular, Barcelona, Spain; Marc Ribó, Hosp Vall D’Hebron, Barcelona, Spain
Poster Board Number P15 / Presentation Number W P15
ADAPT Technique: A Direct Aspiration first Pass Technique for stroke thrombectomy
Aquilia S Turk, Medical Univ of South Carolina, Charleston, SC; Don Frei, Swedish Hosp, Denver, CO; Blaise Baxter, Erlanger Medical, Chattanooga, TN; David Fiorella, Stony Brook Hosp, Stonybrook, NY; J Mocco, Vanderbilt, Nashville, TN; Adnan Siddiqui, Buffalo Univ, Buffalo, NY; Raymond Turner, Imran Chaudry, Medical Univ of South Carolina, Charleston, SC
Poster Board Number P16 / Presentation Number W P16
Quantitative Analysis of Distal Emboli During Mechanical Thrombectomy With Stent-Treivers
Poster Board Number P17 / Presentation Number W P17
Factors Associated With DVI Lesion Growth After Endovascular Therapy for Acute Ischemic Stroke
Shuemi Man, M Shazam Hussain, Dolora Wisco, Esteban Cheng-ching, Toshiya Otsani, Irene Katzen, Ken Uchino, Cerebrovascular Ctr, Neurological Inst, Cleveland Clinic, Cleveland, OH
Poster Board Number P18 / Presentation Number W P18
General Anesthesia is Associated With Reduced Likelihood of Good Functional Outcome After Endovascular Intervention for Acute Ischemic Stroke
Michael Mlynash, Stanford Univ Medical Ctr, Stanford, CA; Jeremy D Fields, Kaiser Permanente NW, Clarkamas, OR; Matus Straka, Roland Bammer, Stephanie Kemp, Michael P Marks, Gregory W Albers, Maarten G Lansberg, Stanford Univ Medical Ctr, Stanford, CA

POSTER SESSION I
WEDNESDAY, FEBRUARY 12
6:15 PM – 6:45 PM
Hall G

These posters are not included in the Wednesday 5:15 Professor-Led Poster Tour Session.
Acute Neuroimaging Posters I

Poster Board Number P20 / Presentation Number W P20

A Model to Calculate the Expected Treatment Effect in Acute Endovascular Stroke Trials
Maarten G Lansberg, Robin Lemmens, Soren Christensen, Nishant K Mishra, Gregory W Albers, Stanford Univ, Palo Alto, CA

Poster Board Number P21 / Presentation Number W P21

Extent of Reperfusion and Clinical Outcomes After Endovascular Therapy: More is Better

Poster Board Number P22 / Presentation Number W P22

Is Hemoglobin A1c (HbA1C) Level an Independent Predictor of Adverse Outcomes in Patients With Acute Ischemic Stroke Undergoing Endovascular Treatment?
Sahil A Chaudhry, Michigan State Univ, East Lansing, MI; Taqi T Zafar, Zeenat Qureshi Stroke Inst and CentroCare Health, St Cloud, MN; Ali Saeed, Michigan State Univ, East Lansing, MI; Malik M Adil, Zeenat Qureshi Stroke Inst and CentroCare Health, St Cloud, MN; Mohammad Afzal, Michigan State Univ, East Lansing, MI; Vikram Jadhav, Univ of Minnesota, Minneapolis, MN; Ameer B Hassan, Univ of Texas Health Science Ctr – San Antonio, Harlingen, TX; Syed I Hussain, Michigan State Univ, East Lansing, MI; Adnan I Qureshi, Zeenat Qureshi Stroke Inst and CentroCare Health, St Cloud, MN

Poster Board Number P23 / Presentation Number W P23

Predictors of Time From Giron Puncture to Base Cather Placement
Amin Aghaebrahim, Christopher Streibel, Srikant Rangaraju, Anat Horev, Stacie Demel, Ashutosh Jadhav, Tudor Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA

Poster Board Number P24 / Presentation Number W P24

Choice of Thrombectomy Device and Degree of Collateral Flow Predict Reperfusion in DEFUSE 2
John T Liggins, Michael Mlynash, Stanford Stroke Ctr, Stanford, CA; Matus Straka, Stanford Univ Medical Ctr, Stanford, CA; Stephanie Kemp, Stanford Stroke Ctr, Stanford, CA; Roland Bammer, Stanford Univ Medical Ctr, Stanford, CA; Michael P Marks, Gregory W Albers, Maarten G Lansberg, Stanford Stroke Ctr, Stanford, CA

Poster Board Number P25 / Presentation Number W P25

A Meta-analysis Of Randomised Controlled Trials Of Endovascular Treatment For Acute Ischaemic Stroke
Jonathan Birns, Ajay Bhalla, Guy's & St Thomas' Hosp, London, United Kingdom; Ruoling Chen, King's Coll London, London, United Kingdom

Poster Board Number P26 / Presentation Number W P26

Meta-analysis Of Studies Using Solitaire And Trevo Pro Stent Retriever Devices For Mechanical Thrombectomy in Acute Cerebral Ischemia
Vikram Jadhav, Mushfique H Qureshi, Malik M Adil, Amma Zara, Nidhalhuz Mian, Taqi T Zafar, Muhammad Umar, Adnan I Qureshi, Zeenat Qureshi Stroke Inst and CentroCare Health, St Cloud, MN

Poster Board Number P27 / Presentation Number W P27

Predictive Factors of Clinical Outcome and Hemorrhage after Acute Ischemic Stroke Treated by Mechanical Thrombectomy with Stent-retriever
Laurent Pierot, Sébastien Soize, Coralie Barbe, Krzysztof Kadziolka, Isabelle Serre, CHU Reims, Reims, France

Poster Board Number P28 / Presentation Number W P28

Precision of Tmax and CBF Lesion Volume Estimates In CT Perfusion Imaging
Soren Christensen, Nishant K Mishra, Matus Straka, Dominik Fleischmann, Roland Bammer, Greg Zaharchuck, Stanford Univ, Stanford, CA; Mark Parsons, Chris Levi, Univ of Newcastle, Newcastle, Australia; Greg Albers, Maarten Landsberg, Stanford Univ, Stanford, CA

Poster Board Number P29 / Presentation Number W P29

Comparison of Multiple and Single Intracranial Aneurysm Population in a Large Referral Center Is the Risk Higher or the Same?
Shima Aran, Bart H Brouwers, Joshua A Hirsch, R G Gonzalez, Javier M Romero, Massachusetts General Hosp, Boston, MA

Poster Board Number P30 / Presentation Number W P30

Middle Cerebral Artery (MCA) Mid-to-distal M1 Segment Occlusion Masquerading as Isolated Central Facial Palsy (I-CFP)
Reza Bavarsad Shahrirou, Kara A Sands, Michael J Lyerly, Geyanandar kumar, April Sisson, Anne W Alexandrov, Joel K Cure, Andrei V Alexandrov, Comprehensive Stroke Ctr, Birmingham, AL

Poster Board Number P31 / Presentation Number W P31

Are Current Lipid Profile Measurements Reliable for Monitoring Carotid Plaque Volume?
Vishal B Jani, Michigan State Univ, East Lansing, MI; Shilp Arora, Nilay Patel, Icahn Sch of medicine at Mount Sinai, New York, NY; Sayed Hussain, Michigan State Univ, East Lansing, MI; Adnan Qureshi, Zeenat Qureshi Stroke Inst and CentroCare Health, St Cloud, MN; Kevin DeMarco, Michigan State Univ, East Lansing, MI

Poster Board Number P32 / Presentation Number W P32

Association of Low Cerebral Blood Volume With Negative FLAIR Hyperintensity in Acute Ischemic Stroke
Nandakumar Nagaraja, Marie Luby, Matthew Edwardsson, Ramin Zand, Lawrence L Latour, Natl Inst of Neurological Disorders and Stroke, Bethesda, MD

Poster Board Number P33 / Presentation Number W P33

Functional MRI and CBF Responses to Transient Oxygen Challenges in Acute Ischemic Stroke Patients
Oana Wu, Marjorie Villien, Massachusetts General Hosp, Charlestown, MA; Tiyj Thanh-achtan, Massachusetts General Hosp, Boston, MA; Steven Mocking, Massachusetts General Hosp, Charlestown, MA; William A Copen, Pamela W Schafer, Anees B Singh, Massachusetts General Hosp, Boston, MA

Poster Board Number P35 / Presentation Number W P35

Assessment of Collaterals on Day-2 CT Angiography Can Predict Functional Outcome in Thrombolysed Anterior Circulation Acute Ischemic Stroke
leonard L yeo, Prakash Paliwal, Hock Luen Teoh, Raymond C Seet, Bernard P Chan, Rahul Rathkrishnan, Kay W Ng, Chandra Sharanadit, Amit Bhat, Benjamin Wakerley, Jonathan Ong, Venetia H Org, NUHS, singapore; Sichuan; Gavin H Lim, TTS, singapore, Singapore; Eric Y Ting, Vijay Sharma, NUHS, singapore, Singapore

Poster Board Number P36 / Presentation Number W P36

Immediate Changes in Stroke Lesion Volumes Following Thrombolysis Predict Both Imaging and Clinical Outcomes
Marie Luby, NINDS, Stroke Branch, Bethesda, MD; Steven J Warach, Seton/UT Southwestern Clinical Res Inst of Austin, Austin, TX; José G Merino, NINDS, Stroke Branch, Bethesda, MD; for the LESION investigators

Poster Board Number P37 / Presentation Number W P37

Laterality of the Posterior Cerebral Artery is Associated With a Smaller Volume of Brain Tissue at Risk in Patients With Acute Anterior Circulation Arterial Occlusion
Maria Hernandez-Perez, Natalia Perez de la Ossa, Hosp Germans Trias i Pujol, Badalona, Spain; Anna Massuet, Rocio Diaz, Inst de Diagnostic per la Imatge (IDT), Badalona, Spain; Patricia Cuadras, Laura Dorado, Elena Lopez-Cancio, Meribell Gomis, Monica Millan, Antoni Davares, Hosp Germans Trias i Pujol, Badalona, Spain; Josep Munuera, Inst de Diagnostic per la Imatge (IDT), Badalona, Spain

Poster Board Number P38 / Presentation Number W P38

Rates of ADC and Flair Signal Maturation Depend on Depth of Ischemia and Time: Helpful for Determining Time of Onset?

Poster Board Number P39 / Presentation Number W P39

Internal Cerebral Vein Asymmetry on Follow-Up Brain CT after Intravenous Thrombolysis in Acute Anterior Circulation Ischemic Stroke Masquerades As Isolated Central Facial Palsy
Pravin George, Irene Katzan, Cleveland Clinic Fndn, Cleveland, OH; James Gabel Jr, Akron General Medical Ctr, Akron, OH; Ken Uchino, Cleveland Clinic Fndn, Cleveland, OH
Poster Board Number P63 / Presentation Number W P63
Comparison Of The Efficacy And Safety Of The Acute Stroke Patients Receiving Different Dose Intravenous Tissue Plasminogen Activator
Xiaoliang Liao, Yiling Wang, Yuesong Han, Chunjuan Wang, Xingquan Zhao, Xingquan Zhao, Chunxue Wang, Liping Liu, Yongjun Wang, Beijing TianTan Hosp, Capital Medical Univ, Beijing, China

Poster Board Number P64 / Presentation Number W P64
DRAGON Score Outperforms 7 Other Hemorrhagic Transformation Scores in Ischemic Stroke Patients Treated With IV r-PA
David T Asuzu, Yale Univ Sch of Med, New Haven, CT; Karin V Nystrom, Yale-New Haven Hosp, New Haven, CT; Nai Fang Chi, Taipei Medical Univ, Taipei City, Taiwan; David M Greer, Janet R Halliday, Charles Wira, Joseph L Schindler, Kevin N Sheth, Yale Univ Sch of Med, New Haven, CT

Poster Board Number P65 / Presentation Number W P65
Determinants of Favorable Response to Thrombolysis in Wake-Up Ischaemic Stroke
duka manawadu, King’s Coll Hosp, London, United Kingdom; Shankaranarayana Bodla, Univ Coll Hosp, London, United Kingdom; Jeff Keep, Lalit Kalra, King’s Coll Hosp, London, United Kingdom

Poster Board Number P66 / Presentation Number W P66
Elevated INR as a Manifestation of Post-Thrombotic Coagulopathy in Acute Ischemic Stroke
Vivien H Lee, James J Conners, Shawna M Cutting, Sarah Y Song, Rush Univ Med Ctr, Chicago, IL; Richard A Bernstein, Shyam Prabhakaran, Northwestern, Chicago, IL

Poster Board Number P67 / Presentation Number W P67
High Resolution C-arm Ct and Metal Artifact Removal Software: A Novel Imaging Algorithm to Analyze Aneurysms Treated With Stent Assisted Coil Embolization
Ichiro Yuki, Yukinao Kanbayashi, Issei Kan, Ayako Ikemura, Toshihiro Ishibashi, Hideki Arakawa, Koreaie Iri, Hiroyuki Takao, Kengo Nishimura, Yuichi Murayama, The Jikei Univ Sch of Med, Tokyo, Japan; Ashraf Mohamed, Siemens Japan, Tokyo, Japan

Poster Board Number P68 / Presentation Number W P68
Treatment of Unruptured Intracranial Aneurysms Within the Pediatric Population
Ganesh Asalathambi, Univ of Florida, Gainesville, FL; Malik M Adil, Zeenat Qureshi Stroke Res Inst, St Cloud, MN; Lori C Jordan, Vanderbilt Univ, Nashville, TN; Adnan I Qureshi, Zeenat Qureshi Stroke Res Inst, St Cloud, MN

Poster Board Number P69 / Presentation Number W P69
Y and X Stent-Assisted Coiling of Complex and Wide-Neck Bifurcation Aneurysms in 100 Procedures
Bruno Bartolini, Raphaël Blanc, Silvia Pistocchi, Hocine Redjem, Michel Piotin, Fondation Rothschild, Paris, France

Poster Board Number P70 / Presentation Number W P70
What Cfd Parameter is Different Between Growing and No Growing Aneurysm
Hiroyuki Takao, Jikei Univ Sch of Med, Tokyo, Japan; Shou Kadokura, Takashi Suzuki, Tokyo Univ of Science, Tokyo, Japan; Yukinao Kanbayashi, Shunsuke Masuda, Jikei Univ Sch of Med, Tokyo, Japan; Kouichi Shinohara, Tokyo Univ of Science, Tokyo, Japan; Ashraf Mohamed, Jikei Univ Sch of Med, Tokyo, Japan; Makoto Yamamoto, Tokyo Univ of Science, Tokyo, Japan; Toshihiro Ishibashi, Jikei Univ Sch of Med, Tokyo, Japan; Fernando Vinuela, Medical Ctr and David Geffen Sch of Med at UCLA, Los Angeles, CA; Yuichi Murayama, Jikei Univ Sch of Med, Tokyo, Japan

Poster Board Number P71 / Presentation Number W P71
Co-Prevalence and Rupture Rate of Brain and Aortic Aneurysms: Single Center Experience
Boxiang Jiang, Benjamin Z Ball, John R Gaughen Jr, Andrew M Southerland, Bradford B Worrall, Univ of Virginia, Charlottesville, VA

Poster Board Number P72 / Presentation Number W P72
Coiling of Large and Giant Aneurysms: Complications and Long-Term Results of 334 Cases
Nehra Chalouli, Stavroupoulia Tjournakaris, L Fernando Gonzalez, Aaron S Dumont, Robert M Starke, David Hasan, Chengyu Wu, Saurabh Singhal, Robert Rosenwas-ser, Pascal Jabbour, Thomas Jefferson Univ, Philadelphia, PA

Poster Board Number P73 / Presentation Number W P73
Feasibility and Preliminary Results of Whole Blood RNA-Sequencing Analysis in Patients With Intracranial Aneurysms
Blake Haas, Nestor G Gonzalez, Elmina Ukikawa, Mark Connolly, William Hsu, Alex Bui, Fernando Vinuela, Päivi Pajukanta, UCLA, Los Angeles, CA

Poster Board Number P74 / Presentation Number W P74
Post-ischemic Intra-arterial Infusion of Liposome-encapsulated Hemoglobin Suppresses Endothelial and Neutrophil Inflammatory Activation Accompanied by Maintained Microvascular Perfusion in Rat Cerebral Ischemia Reperfusion Model
Daisuke Shimbo, Takeo Anumizu, Hideo Shichinohe, Naoki Nakayama, Ken Kazumata, Kiyohiro Houkin, Hokkaido Univ Graduate Sch of Med, Sapporo, Japan

Poster Board Number P75 / Presentation Number W P75
In-Depth Comparison of Short-Term Total Hospital Costs and Current Primary Cost Drivers of Coiling vs Clipping for Unruptured Intracranial Aneurysms
Yifei Duan, Case Western Reserve Univ Sch of Med, Cleveland, OH; Nicholas Bambakidis, Jeffrey Nelson, Univ Hosp Case Medical Ctr, Cleveland, OH

Poster Board Number P76 / Presentation Number W P76
Parent Artery Curvature May Help Determine the Effectiveness of Flow Diverter Treatment
Brando Dimapasoc, Aichi Chien, UCLA, Los Angeles, CA

Poster Board Number P77 / Presentation Number W P77
Parent Artery Curvature May Help Determine the Effectiveness of Flow Diverter Treatment

Poster Board Number P78 / Presentation Number W P78
Effect of Weather Patterns on the Admission and Outcome of Intracranial Aneurysms
Pui Man Rosalind Lai, Hormuzdiyar Dassenbrock, Rose Du, Brigham and Women’s Hosp/Harvard Medical Sch, Boston, MA

Poster Board Number P79 / Presentation Number W P79
Computational Fluid Dynamics Analysis In Roles Of Hemodynamic Factors On The Development Of Cerebral Aneurysms
Shunichi Fukuda, Nati Hosp Organization, Kyoto Medical Ctr, Kyoto, Japan; Yiji Shimogonya, Sch of Engineering & Graduate Sch of Engineering, Univ of Hyogo, Himeji, Japan; Tetsuya Tsukahara, Nati Hosp Organization, Kyoto Medical Ctr, Kyoto, Japan; Yasuhide Imoto, Sch of Engineering & Graduate Sch of Engineering, Univ of Hyogo, Himeji, Japan; Miyuki Fukuda, Graduate Sch of Med, Kyoto, Japan, Kyoto, Japan

Poster Board Number P80 / Presentation Number W P80
Wide Neck Cerebral Bifurcation Aneurysms Treated With Web Device A Single Center Experience of a New Treatment Modality
Jacques G Moret, Laurent Spelle, Leon Ikka, Nidhal Benachour, Jildaz Caroff, Jildaz Caroff, Beaujon Univ Hosp, Clichy, France

Poster Board Number P81 / Presentation Number W P81
Parent Artery Curvature May Help Determine the Effectiveness of Flow Diverter Treatment

Poster Board Number P82 / Presentation Number W P82
Natural History Simulation Models: Aneurysms Larger Than 95 mm and Aneurysms Growing Faster Than 0.36 mm/year Require Intensive Clinical Care
Suraj V Patel, Aichi Chien, Univ of California, Los Angeles, Los Angeles, CA

Poster Board Number P83 / Presentation Number W P83
Intra-aneurysmal Flow Disruption with the Web Device: Midterm Anatomical Follow-up in a Series of 51 Patients
Laurent Pierot, CHU Reims, Reims, France; Joachim Klisch, Helios General Hosp, Erfurt, Germany; Thomas Liebig, Univklinikum Koeln, Cologne, Germany; Marco Leonardi, Res Inst of Neurological Sciences, Bologna, Italy; Nunzio Paolo Nunzi, Ospedali Galliera, Genova, Italy; Istvan Szikora, Natl Inst of Neurosciences, Budapest, Hungary; Boris Lubicz, Erasme Univ Hosp, Bruxelles, Belgium

Basic and Preclinical Neuroscience of Stroke Recovery Posters I
W P84 – W P100
Poster Board Number P99 / Presentation Number P99
A Time Window of Heightened Plasticity to Training After Ischemic Stroke in the Mouse is Extended By Fluoxetine if Provided Within the First Week After Stroke
Kwan Ng, UCLA, Los Angeles, CA; Ellen M Gibson, Robert Hubbard, Richard J O’Brien, John W Krakauer, Steven Zeiler, Johns Hopkins, Baltimore, MD

Poster Board Number P100 / Presentation Number P100
Alterations of γ5T Cell Subsets in Stroke Patients with White Matter Disease
Qing Hao, Mateusz G Adamski, Hua Yu, Erin Wagner, Chloe Seales-Bailey, Alison Baird, SUNY Downstate Medical Ctr, Brooklyn, NY

Cerebral Large Artery Disease Posters I

Poster Board Number P101 / Presentation Number P101
Surgical Revascularization Reverses Decreased Cerebral Oxygen Metabolism in Young Patients with Moyamoya Disease
Satooshi Kuroda, Daini Kashihara-za, Univ of Toyama, Toyama, Japan; Kiyohiro Houkin, Hokkaido Univ, Sapporo, Japan

Poster Board Number P102 / Presentation Number P102
Emboli Detection Within The Posterior Circulation
Shawna Cutting, Rush Univ Medical Ctr, Chicago, IL; Frank Cabrera, Univ of Miami, Miami, FL; Yosdely Cabrera, Nelly Campo, Jose Romano, Sebastian Koch, Univ of Miami, Miami, FL

Poster Board Number P103 / Presentation Number P103
Rates and Predictors of Five Year Survival in Asymptomatic Medicare Beneficiaries Undergoing Carotid Revascularization
M Fareed K Sun, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN; Saqib A Chaudhry, Michigan State Univ, East Lansing, MI; Adnan I Qureshi, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN

Poster Board Number P104 / Presentation Number P104
Comparison of Carotid Endarterectomy and Stenting for Carotid Artery Stenosis with Coronary Artery Disease
Daisuke Maruyama, Minoru Ideguchi, Yoichiro Kawamura, Hideki Kanamaru, Hiroharu Katooka, Tetsu Satow, Kenichi Morita, Hisae Mori, Norikata Kobayashi, Daizo Ishii, Keita Yamashita, Jyoji Nakagawa, Koji Ihara, Nati Cerebral and Cardiovascular Ctr, Suita, Japan

Poster Board Number P105 / Presentation Number P105
Comparison of Intracranial Stent Placement and Best Medical Treatment Alone for Treatment of Symptomatic Intracranial Stenosis
Vikram Jadhav, Mushtaq Qureshi, Nidhut Mian, Adnan I Qureshi, Univ of Minnesota, Minneapolis, MN

Poster Board Number P106 / Presentation Number P106
A 3D Computational Model of the Hemodynamic Changes in EC-IC Bypass With Physiologic Boundary Conditions
Mark Connolly, Fabien Scalzo, David S Liebeskind, Nestor R Gonzalez, UCLA, Los Angeles, CA

Poster Board Number P107 / Presentation Number P107
Predictors of Outcome in Patients With Acute M2 Occlusion
Mubih A Khan, Jieying Zhang, Majaz Moonis, Richard Goddeau, Nils Henninger, Univ of Massachusetts, Worcester, MA
Community/Risk Factors Posters I

Poster Board Number P102 / Presentation Number W P120
Effect of Prior Aspirin Use on Initial Stroke Severity and Hemorrhagic Transformation

Poster Board Number P121 / Presentation Number W P121
Stroke Severity in Men and Women: What Proportion of the Disparity Can Be Explained by Differences in Cardiovascular Risk Factors?
Karen C Albright, Amelia K Boehme, Bisakha Sen, Monica Aswani, Univ of Alabama at Birmingham, Birmingham, AL; Michael T Mullin, Univ of Pennsylvania, Philadelphia, PA; Nicole Gonzales, Sean I Switzb, Univ of Texas Houston, Houston, TX; Sheryl Martin-Schild, Tulane Univ Medical Ctr, New Orleans, LA

Poster Board Number P122 / Presentation Number W P122
Cerebral Small Vessel Diseases May be Associated With Aortic Arch Calcification in Patients With Acute Stroke
Yui Ueno, Juntendo Univ Urayasu Hosp, Urayasu, Japan; Ayami Okuzumi, Juntendo Univ Sch of Med, Tokyo, Japan; Masao Watanabe, Yaeutaka Tanaka, Juntendo Univ Urayasu Hosp, Urayasu, Japan; Kazuo Yamashiro, Juntendo Univ Urayasu Hosp, Tokyo, Japan; Ryo Taanka, Nisutaka Hattori, Juntendo Univ Sch of Med, Tokyo, Japan; Takao Ueno, Juntendo Univ Urayasu Hosp, Urayasu, Japan

Poster Board Number P123 / Presentation Number W P123
Assessments of Temperature and Average Dew Point With Stroke Hospitalizations and Mortality
Judith H Lichtman, Erica C Leifheit-Limson, Yale Sch of Public Health, New Haven, CT; Yun Wang, Harvard Sch of Public Health, Boston, MA; Larry B Goldstein, Duke Comprehensive Stroke Ctr, Duke Univ and Durham VAMC, Durham, NC

Poster Board Number P124 / Presentation Number W P124
Elevated Glucose Level Adversely Affects Infarct Volume Growth and Neurological Deterioration in Non-diabetic Stroke Patients, but Not Diabetic Stroke Patients
Takashi Shihomoya, Juniichi Uemura, Naoki Saji, Kentsaku Shihazaki, Kazumi Kimura, Kawasaki Medical Sch, Kurashiki, Japan

Poster Board Number P125 / Presentation Number W P125
Glycemic Variability Should Be Associated With The Ischemic Volume Expansion And Neurological Deterioration in Acute Stroke
Jinich Uemura, Takashi Shihomoya, Kentsaku Shihazaki, Naoki Saji, Kazumi Kimura, Kawasaki Medical Sch, Kurashiki, Japan

Poster Board Number P126 / Presentation Number W P126
Allostatic Load Predicts Stroke Mortality Risk in Older Dames: Findings From the 1914 Glostrup Aging Study
Christian S Salazar, Albert Einstein Coll of Med, Bronx, NY; Kirsten Avlund, Copenhagen Univ, Copenhagen, Denmark; Douglas E Morse, NNI Coll of Dentistry, New York, NY

Poster Board Number P127 / Presentation Number W P127
Epidemiology of Cerebrovascular Disease: Association Between Geographic Location and In-Hospital Mortality
Moshe A Mizrahi, Fred Rixon, Thomas Jefferson Univ Hosp, Philadelphia, PA

Poster Board Number P128 / Presentation Number W P128
Development and Validation of Clinical Prediction Model for Obstructive Sleep Apnea among Patients with Ischemic Stroke and TIA
Jason J Sico, Yale Univ Sch of Med, New Haven, CT; Susan Oflner, Indiana Univ Sch of Med, Indianapolis, IN; Li Qiu, Henry Klar Yaggi IV, Yale Univ Sch of Med, New Haven, CT; Dawn M Bravata, Richard L Roudlesh-BVA Medical Ctr, Indianapolis, IN

Poster Board Number P129 / Presentation Number W P129
Association Between Acute Stroke Location and Sleep-Disturbed Breathing
Stephanie M Stahl, Indiana Univ Sch of Med, Indianapolis, IN; Stanley Taylor, Susan Oflner, Indiana Univ Sch of Med, IUPUI, Indianapolis, IN; Li Qiu, Yale Univ, New Haven, CT; Klar Yaggi, Yale Univ Sch of Med, New Haven, CT; C Simona Ivan, Dawn M Bravata, Indiana Univ Sch of Med, Indianapolis, IN
Poster Board Number P174 / Presentation Number W P174
Association of Moyamoya Disease With Thyroid Autoantibodies and Thyroid Function: A Case-control Study and Meta-analysis
Chunyan Lei, West China Hosp, Sichuan Univ, Chengdu, China

Poster Board Number P175 / Presentation Number W P175
Diagnostic Yield of Echocardiography in Patients Presenting With Transient Ischemic Attack
Christina A Wilson, Univ of Florida, Gainesville, FL; Waimeni Tai, Stanford Univ, Stanford, CA; Jamshed A Desai, Univ of Calgary, Calgary, AB, Canada; Jean-Marc Olivot, Stanford, Stanford, CA; Shelagh B Coutts, Univ of Calgary, Calgary, AB, Canada; Gregory W Albers, Stanford Univ, Stanford, CA; Brett L Cucchiara, Univ of Pennsylvania, Philadelphia, PA

Poster Board Number P176 / Presentation Number W P176
Relationship Between Right-to-Left Shunting and Microembolic Signals on Transcranial Doppler Monitoring
Zubair A Ahmed, Lauren Koffman, Rebecca Michael, Leasa Baus, Larry Raber, Irene Katzman, Cleveland Clinic Findlay, Cleveland, OH

Emergency Care/Systems Posters I

Poster Board Number P177 / Presentation Number W P177
Direct to CT: Overcoming Barriers to Reduce Door to Needle times in Acute Stroke Patients
Skye Cooke, Tanya Frost, Shaloos Singh, Eastern Health, Box Hill, Victoria, Australia; Chris Bladin, Amanda Gilligan, Eastern Health; Monash Univ; The Florey Inst of Neuroscience and Mental Health, Box Hill, Victoria, Australia

Poster Board Number P178 / Presentation Number W P178
Multiple Concurrent Strategies are Required to Achieve Door-to-Needle Time Under One Hour for Thrombolysis of Acute Ischemic Stroke in the Majority of Patients

Poster Board Number P179 / Presentation Number W P179
Reducing Time to Treatment – The Role of Stroke Neurologist as First Responder
Shelly Ozark, Christine Holmstedt, Perrette Sabatino, Tanya Turan, Medical Univ of South Carolina, Charleston, SC

Poster Board Number P180 / Presentation Number W P180
Sex Differences in Acute Stroke Evaluation
Bryant H Chee, Rema Raman, Karin Ernstom, Dawn M Meyer, Brett C Meyer, Thomas M Hemmen, Amy K Guzik, Univ of California, San Diego, San Diego, CA

Poster Board Number P181 / Presentation Number W P181
Getting Under Twenty Minutes: Use of the Computed Tomography Direct Protocol to Improve Door to Needle Times
Mark Kozlowski, Michelle Whaley, Christopher Fanale, Byron Spencer, Swedish Medical Ctr, Englewood, CO

Poster Board Number P182 / Presentation Number W P182
Reducing Door-to-Needle Time by Direct Transfer on CT Table
Joachim Röther Sr, Antonia Bauer de Torres, Bernd Eckert, Barbara Hogan, Ulrike Guessow, Anna Michaelaels, Peter Michels, AsklepioS Klinik Hamburg Altona, Hamburg, Germany

Poster Board Number P183 / Presentation Number W P183
Testing the Utility of an Emergency Room-Based Stroke Evaluation Protocol Gyeong-Moon Kim, Johanna Heleneis, E Murat Arsay, Hakay Am, Massachusetts General Hosp, Harvard Medical Sch, Charlestown, MA

Poster Board Number P184 / Presentation Number W P184
Comparison of Thrombolytic Treatment for Acute Ischemic Stroke Pre- and Post-Telemedicine Implementation in the Stroke Hospital Setting
William K Mountford, Premier Healthcare Alliance, Charlotte, NC; Er Chen, Genentech, South San Francisco, CA; Michelle R Kruskas, Premier Healthcare Alliance, Charlotte, NC; Darren Tayama, Genentech, South San Francisco, CA; Frank R Ernst, Premier Healthcare Alliance, Charlotte, NC; Jeff Wagner, Blue Sky Neuroscience, Englewood, CO

Poster Board Number P185 / Presentation Number W P185
A Smartphone Application Can Aid in the Evaluation, Treatment, and Clinical Trial Enrollment of the Acute Stroke Patient
Claude Nguyen, Tzu-Ching Wu, Andrew Barreto, James Grotta, Sean Savitz, Univ of Texas, Houston, TX

Poster Board Number P186 / Presentation Number W P186
Usefulness of the New Prehospital Cerebrovascular Disease Triage Score for Patients With Impaired Consciousness by Emergency Medical Services
katsufumi kajimoto, Nati Cardiovascular Ctr, Saita, Japan; Hideaki Kanai, Oska Univ Graduate Sch of Med, Saita, Japan; Kazuyuki Nagatsu, Nati Cardiovascular Ctr, Saita, Japan

Poster Board Number P187 / Presentation Number W P187
Utilization of Emergency Medical Services to Transfer Acute Stroke Patients Directly to Scanning Reduces the Length of Time to Scan Result
Scott Dunbar, Theresa Hoffecker, Avery Schwenk, Delaware County Memorial Hosp, Drexel Hill, PA

Poster Board Number P188 / Presentation Number W P188
Achieving Sub-20min IPA Door-to-needle Times – the Importance of Patient Details on Pretreatment and Point-of-care INR
Bruce Campbell, Nawaf Yasui, Louise Weir, Melissa Ugalde, Peter Hand, Bernard Yan, Dept of Med and Neurology, Melbourne Brain Ctr at the Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia; Grant Hocking, Ambulance Victoria, Melbourne, Australia; Melinda Truesdale, Emergency Dept, Royal Melbourne Hosp, Parkville, Australia; Stephen M Davis, Dept of Med and Neurology, Melbourne Brain Ctr at the Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia; Atte Meretoja, Dept of Neurology, Helsinki Univ Central Hosp, Helsinki, Finland

Poster Board Number P189 / Presentation Number W P189
Characteristics of Rural Pre-Hospital Stroke Transports
Charles White, Debra Paulson, Rosanna Sikora, Russell Doerr, Stephen Davis, Danielle Davidov, West Virginia Univ, Morgantown, WV

Poster Board Number P190 / Presentation Number W P190
Emergency Medical Services Protocols for Routing Stroke Patients to Designated Stroke Center Hospitals
Nikolay Dimitrov, Keck Sch of Med, Los Angeles, CA; William Koenig, Nichole Bosson, Los Angeles Emergency Medical Services Agency, Santa Fe Springs, CA; Sarah Song, Rush Univ, Chicago, IL; Jeffrey L Saver, UCLA Stroke Ctr, Los Angeles, CA; Nerses Sanossian, Keck Sch of Med, Los Angeles, CA

Poster Board Number P191 / Presentation Number W P191
Neurology Consultation During Assessment of Acute Stroke Patients With Mild or Rapidly Improving Symptoms
Lindsay Olson-Mack, Scripps Mercy Hosp, San Diego, CA; Katherine Clarkson-Af-shar, Renee Richetti, Scripps Health, La Jolla, CA; Christopher Bajkiewicz, Scripps Memorial Hospital La Jolla, La Jolla, CA; Lynn Berger, Scripps Green Hosp, Scripps Memorial Hosp Encinitas, La Jolla, CA

Poster Board Number P192 / Presentation Number W P192
A Direct Telecommunication Between Doctors of a Comprehensive Stroke Center and Local Hospitals Significantly Shortened the Door-to-Puncture Time for Intracerebral Thrombectomy
Hye Seon Jeong, Hyunjo Kwon, Hysongsun Koh, Heesun Yu, Nasyung YUN, Chunghan Nati Univ Hosp, Daejeon, Korea, Republic of; Sang-Geun Oh, Bakjae General Hosp, Nonsan, Korea, Republic of; Hyung Jeong Kwag, Daejeon Veterans Hosp, Daejeon, Korea, Republic of; Hye-Jung Song, Jei Kim, Chunghan Nati Univ Hosp, Daejeon, Korea, Republic of

Poster Board Number P193 / Presentation Number W P193
Early Involvement of Stroke Neurologist Allows Efficient Tissue Plasminogen Activator Administration in Member Hospitals of a Telemedicine Network
Pratik Bhattacharya, Wayne State Univ, Detroit, MI; Connie Parliament, Paula Alcorn, Michigan Stroke Network, Pontiac, MI; Kumar Rajamani, Gregory Norris, Andrew Xavier, Anel Majhoo, Ramesh Madhavan, Wayne State Univ, Detroit, MI

Poster Board Number P194 / Presentation Number W P194
Telesroke is Not Associated With a Lower Rate of IV Thrombolysis
Neeleor Schiff, Univ of Illinois at Chicago, Chicago, IL; Sandra Hoeltzel, Resurrection Medical Ctr, Chicago, IL; Rebecca Gryszlewicz, Univ of Illinois at Chicago, Chicago, IL; Aslam Khaja, Central Dupage Hosp, Winfield, IL; Fernando D Testa, Univ of Illinois at Chicago, Chicago, IL

Poster Board Number P195 / Presentation Number W P195
Standardized Patient Simulation Can Be Incorporated Into Emergency Medicine Resident Training on Performance of the National Institutes of Health Stroke Scale
Poster Board Number P209 / Presentation Number W P209
Development of a Useful Brain Ischemic Stroke Model via a Transient Occlusion of Middle Cerebral Artery in the Nonhuman Primate
Eiketsu Sho Sr, Zhenghua Zh, Yuchao Zhao, Jiinqiao Chen, Daomai He, Welfang Wang, Xiaodie Tu, Juncha Ma, Weiren Zheng, Kumming Biomed Int, Kumming, Yunnan, China
Poster Board Number P210 / Presentation Number W P210
Plasma Kallikrein Induces Ischemic Brain Damage Through Cleavage-Dependent Activation of NMDA Receptors
Gongxiong wu, Long-Jun Wu, Joslin Diabetes Ctr at HMS, Boston, MA; David E Clapham, Howard Hughes Medical Inst, Children's Hosp Boston, Boston, MA; Edward P Feener, Joslin Diabetes Ctr at HMS, Boston, MA
Poster Board Number P211 / Presentation Number W P211
Investigating the Cause for “Collateral Failure” in Stroke—in-Progression: Intracranial Pressure Elevation Reduces Flow Through Collateral Vessels
Daniel Baird, Damian McLeod, Neil J Spratt, Univ of Newcastle, Callaghan, NSW, Australia
Poster Board Number P212 / Presentation Number W P212
Combination Therapy With Amlodipine and Irbesartan Persists a Neuroprotective Effect Associated With Gical Deactivation on Paraventricular Nucleus in Hypertensive Rats
Yu Hasegawa, Takashi Nakagawa, Ken Uekawa, Mingjie Ma, Hakubun Lin, Hiroyuki Kusaka, Tetsuji Katayama, Daisuke Sueta, Kensuke Toyama, Nobutaka Koiuchi, Shohei Kim-Mitsuhashi, Kumamoto Univ Sch of Med, Kumamoto, Japan
Poster Board Number P213 / Presentation Number W P213
Leptomeningeal Collateral Growth Is Impaired In Type 2 Diabetic Mice
Toshiro Yukami, Yoshibi Yagit, Akihiro Watanabe, Tsutomu Sasaki, Hideki Mochizuki, Kazuo Kitagawa, Osaka Univ Graduate Sch of Med, suita, Japan
Poster Board Number P214 / Presentation Number W P214
Neuroregenerative Effects of the Peptide Hormone Ghrelin After Cerebral Ischemia
Kai Diederich, Antje Schmidt, Jan-Koja Strecke, Univ of Muenster, Muenster, Germany; Wolf-Rüdiger Schüblitz, Evangelisches Krankenhaus, Bielefeld, Bielefeld, Germany; Jens Mennnerup, Univ of Muenster, Muenster, Germany
Poster Board Number P215 / Presentation Number W P215
Effects of Angiopoietin-1 on Hemorrhagic Transformation and Cerebral Edema after Tissue Plasminogen Activator Treatment for Ischemic Stroke
Takayoshi Shimohata, Kunio Kawamura, Tetsuya Takahashi, Masato Kanazawa, Masato Kanazawa, Hironaka Igarashi, Tsutomu Nakada, Takayoshi Shimohata, Neurology, Niigata Univ, Niigata, Japan
Poster Board Number P216 / Presentation Number W P216
Inducible Glutamate Oxaloacetate Transaminase: A New Target for Stroke Therapy
Cameron Rink, Surya Gnyawali, Mallory Heigel, Saahwiki Roy, Chandan K Sen, Savita Khanna, The Ohio State Univ Wexner Medical Ctr, Columbus, OH
Poster Board Number P217 / Presentation Number W P217
The Impaired Leptomeningeal Collateral Flow Recruitment in the Type II Diabetic Mice is Independent of Hyperglycemia
Yuiko Akamatsu, Univ of California, San Francisco, San Francisco, CA; Chih Cheng Lee, Veterans Affairs Medical Ctr, San Francisco, San Francisco, CA; Jialing Liu, Univ of California, San Francisco, San Francisco, CA
Poster Board Number P218 / Presentation Number W P218
Interleukin 21 receptor: A Major Modulator of Infarct Volume
Han Ju Lee, Sehoon Keum, Donald C Lo, Douglas A Marchuk, Duke Univ Medical Ctr, Durham, NC
Poster Board Number P219 / Presentation Number W P219
Delivery of an Oral Formulation of Angiotensin-(1-7) After Stroke is Neuroprotective
Douglas M Bennion, Emily Haltigan, Alexander Irwin, Univ of Florida, Gainesville, FL; Frederico B De Sousa, Ruben D Sinisterra, Robson A Santos, Federal Univ of Minas Gerais, Belo Horizonte, Brazil, Collin Summers, Univ of Florida, Gainesville, FL
Poster Board Number P220 / Presentation Number W P220
Suppression of Interleukin 33 Limits Ischemic Brain Injury and Improves Functional Outcome in Murine Stroke Model
Alif Zafar, Mohammad Mosshaidh Khan, Asgar Zaheer, Univ of Iowa Hosp and Clinics, Iowa City, IA
Intracerebral Hemorrhage Posters I

W P246 – W P261

Poster Board Number P244 / Presentation Number W P244
Effect of Remote Limb Ischemic Conditioning on CBF as Measured by Arterial Spin Labeling in Human Stroke
Forrest S Andersen, Scott Forseen, Nathan Yanasak, Bruce C Gilbert, Jeffrey A Switzer, Fenwick T Nichols, Askiiel Bruno, Sneha Jacob, Brian Close, Albert Kim, Narsul Hoda, David C Hess, Georgia Regents Univ, Medical Coll of Georgia, Augusta, GA

Poster Board Number P245 / Presentation Number W P245
Process Improvement to Reduce Time Interval From Hospital Arrival to Intravenous Thrombolysis in Acute Stroke
Eun Hye Kim, Kijung Lee, Dongbong Song, Young Dae Kim, Yonsei Univ Coll of Med, Seoul, Korea, Republic of; Han-Jun Cho, Pusan Natl Univ Coll of Med, Pusan, Korea, Republic of; Kyung Yu Lee, Hyo Suk Nam, J Hoe Heo, Yonsei Univ Coll of Med, Seoul, Korea, Republic of

Intracerebral Hemorrhage Posters I — 66 —
Poster Board Number P262 / Presentation Number W P262
Using Scarce Stroke Care Resources for the Greatest Impact: Examining Ontario's Stroke Report Card 2011/12
Beth Linkewich, North and East GTA Stroke Network, Toronto, ON, Canada; Ferhana Khan, Inst for Clinical and Evaluative Sciences, Toronto, ON, Canada; Ruth Hall, Inst for Clinical Evaluative Sciences, Toronto, ON, Canada

Poster Board Number P263 / Presentation Number W P263
Rapidly Resolving Symptoms: Stop the Race! No Symptoms, No Alteplase!
Shannon L Smith, Mark C Schultz, Henry Mayo Newhall Memorial Hosp, Valencia, CA

Poster Board Number P264 / Presentation Number W P264
Perception of Educational Benefits of Online National Institute of Health Stroke Scale Training By Nursing Staffs
Jill Danner, Hillary Quintanilla, Sarah Hancock, Univ Medical Ctr, Lubbock, TX; Martha Howell, Texas Tech Univ Health Science Ctr Sch of Med, Lubbock, TX; Jongsyol Kim, Texas Tech Univ Health Sciences Ctr Sch of Med, Lubbock, TX

Poster Board Number P265 / Presentation Number W P265
Improved Symptomatic ICH Rates for Ischemic Stroke Patients Receiving IV rtPA
Karim V Nystrom, Yale-New Haven Hosp, New Haven, CT; David T Asuzu, Kevin N Sheth, Yale Univ Sch of Med, New Haven, CT; Nai Fang Chi, Taipei Medical Univ, Taipei City, Taiwan; Janet R Halliday, Charles Wira, David M Greer, Joseph L Schindler, Yale Univ Sch of Med, New Haven, CT

Poster Board Number P266 / Presentation Number W P266
The Discharge Modified Rankin Score Correlates with Established Hemorrhagic Transformation Scores in Ischemic Stroke Patients Treated with Thrombolysis
David T Asuzu, Yale Univ Sch of Med, New Haven, CT; Karim V Nystrom, Yale-New Haven Hosp, New Haven, CT; Kevin N Sheth, Janet R Halliday, Charles Wira, David M Greer, Yale Univ Sch of Med, New Haven, CT; David Pritchard, Yale-New Haven Hosp, New Haven, CT; Joseph L Schindler, Yale Univ Sch of Med, New Haven, CT

Poster Board Number P267 / Presentation Number W P267
Utilizing a Team-Based Educational Approach to Increase IV rt-PA Treatment Rates at a Community-Based Target: Stroke Honor Roll Designated Primary Stroke Center (PSC) in Urban Los Angeles
Antonio Liu, Jennifer Garland, White Memorial Medical Ctr, Los Angeles, CA

Poster Board Number P268 / Presentation Number W P268
Developing a Stroke Coordinator Consortium: Past, Present, and Future
Erin Rindels, Angela Overton, Univ of Iowa Hosp and Clinics, Iowa City, IA; Iowa Stroke Coordinator Consortium

Poster Board Number P269 / Presentation Number W P269
Collaboration in the Emergency Department Improves Stroke Care
Julie M Fussner, Kiefah Awadallah, Univ Hosp Case Medical Ctr, Cleveland, OH

Poster Board Number P270 / Presentation Number W P270
Impact of a Family Participation Program on Perceived Respect, Collaboration and Support
Debra Milosky, Deborah Durand, Diane Reehil, Trinitas Regional Medical Ctr, Elizabeth, NJ

Poster Board Number P272 / Presentation Number W P272
An Innovative Strategy for Providing Stroke Education to Patients With a Visual Impairment
Jennifer Cummins, Cheryl Deitch, Riddle Hosp, Media, PA

Poster Board Number P273 / Presentation Number W P273
Health Care Professionals' Perspectives on Implementing Family Caregiver Education and Support Programs into the Ontario Stroke System
Victrine Tseung, Susan Jaglal, Nancy Salbach, Jill I Cameron, Univ of Toronto, Toronto, ON, Canada

Poster Board Number P274 / Presentation Number W P274
Developmental Evaluation Enhances Utility of the Toronto Stroke Networks Virtual Community of Practice
Joanne Fortin, North & East GTA Stroke Network, Toronto, ON, Canada; Krystyna Skryabka, South East Toronto Stroke Network, Toronto, ON, Canada; Gail Aivinoam, Shelley Sharp, Toronto West Stroke Network, Toronto, ON, Canada; Jacqueline Willems, South East Toronto Stroke Network, Toronto, ON, Canada; Elizabeth Linkewich, North & East GTA Stroke Network, Toronto, ON, Canada

Poster Board Number P275 / Presentation Number W P275
Minimizing Door to Needle Times for Administration of rt-PA in Acute Ischemic Stroke
Catherine J Vidotto, Maryjane Finnegan, Donna Thomson, St Catherine of Siena Medical Ctr, Smithtown, NY

Poster Board Number P276 / Presentation Number W P276
Developing Excellence in Stroke Care Through Knowledge Building and Interprofessional Collaborative Processes
Joanne Fortin, North & East GTA Stroke Network, Toronto, ON, Canada; Krystyna Skraban, South East Toronto Stroke Network, Toronto, ON, Canada; Gail Aivinoam, Toronto West Stroke Network, Toronto, ON, Canada; Jacqueline Willems, South East Toronto Stroke Network, Toronto, ON, Canada; Shelley Sharp, Toronto West Stroke Network, Toronto, ON, Canada; Elizabeth Linkewich, North & East GTA Stroke Network, Toronto, ON, Canada

Poster Board Number P277 / Presentation Number W P277
Specialized Teams React on Key Examinations: The Impact of Triage in Acute Ischemic Stroke
Jennifer Phillips, Leesa Wright, James Roberts, Ray Waithier, Methodist Univ Hosp, Memphis, TN; Mervat Wahba, Ameer Al Wafai, Joshua Lennon, Lucas Eliovich, UTHSC, Memphis, TN

Poster Board Number P278 / Presentation Number W P278
Defining the Role of the Nurse in Transitions of Care Within a Comprehensive Stroke Center (CSC)
Claraane Mathiesen, Erin M Conohan, Lehigh Valley Health Network, Allentown, PA

Poster Board Number P279 / Presentation Number W P279
A Multi-Campus Health System’s Approach to Achieving the Highest Level of Quality Through Standardization of Practices
Katherine Clarkson-Afshar, Renee Richetts, Scripps Health, La Jolla, CA; Lindsay Olson-Mack, Scripps Mercy Hosp, San Diego, CA; Christopher Bajkiewicz, Scripps Memorial Hosp La Jolla, La Jolla, CA; Lynn Berger, Scripps Green Hosp and Scripps Memorial Hosp Encinitas, La Jolla, CA

Poster Board Number P280 / Presentation Number W P280
Collaborative Community Outreach through the Midwest Stroke Action Alliance
Minna B Masor, Advocate Illinois Masonic Medical Ctr, Chicago, IL; Elizabeth Kim, Alexian Brothers Health System, Elk Grove Village, IL; Lynn Klassman, Advocate Lutheran General Hosp, Park Ridge, IL; Mary Kay Jennrich, Advocate Good Samaritan Hosp, Downers Grove, IL; Deborah Rossman, Alexian Brothers Health System, Elk Grove Village, IL; Sandra Hoeltzel, Presence Resurrection Medical Ctr, Chicago, IL; Ginger Reilly, Alexian Brothers Health System, Elk Grove Village, IL; Kathleen O’Neill, American Heart Association, Midwest Affiliate, Chicago, IL; on behalf of the Midwest Stroke Action Alliance

Poster Board Number P281 / Presentation Number W P281
Inter-Rater Reliability of Clinical Decision Making Based on Recorded Telemedicine Assessments and Case Histories
Catherine E Lightbody, Univ of Central Lancashire, Preston, United Kingdom; Jane Grove Village, IL; Sandra Hoeltzel, Presence Resurrection Medical Ctr, Chicago, IL; on behalf of the Midwest Stroke Action Alliance

Poster Board Number P283 / Presentation Number W P283
The Challenges and Opportunities for Improving Transitions of Care: University Hospitals Case Medical Center Comprehensive Stroke Center Experience
Kathleen Vickers, Tanzila Shams, Julie Fussner, Cathy Sila, Univ Hosp Case Medical Ctr, Cleveland, OH

Poster Board Number P284 / Presentation Number W P284
Stoke CORE Measure Data Submission to CMS: Process Improvement Initiative
Renee Richetts, Katherine Clarkson-Afshar, Scripps Health, La Jolla, CA; Lindsay Olson-Mack, Scripps Mercy Hosp, San Diego, CA; Lynn Berger, Scripps Green Hosp; Scripps Memorial Hosp Encinitas, La Jolla, CA; Christopher Bajkiewicz, Scripps Memorial Hosp La Jolla, La Jolla, CA; Matthew Cantonis, Scripps Health, La Jolla, CA
Poster Board Number P285 / Presentation Number W P285
Communication is the Driver of an Efficient Health Care Team
Deb Crockett, Kristyana Tan, Alissa Shull, Janice Sandt, The Univ of Kansas Hosp, Kansas City, KS

Poster Board Number P286 / Presentation Number W P286
Effect of a Dedicated In-House Stroke Nurse on Stroke Quality Outcome Measures: A Single Center Experience
Abbigayle M Doerr, Anne Lindstrom, Morgan Ferguson, Jennifer Carlson, Broadley Diane, Harish Shownkeen, Kathleen Linsner, Janet Davis, Laura Pittner, Jennifer Biede, Central DuPage Hosp, Winfield, IL

Poster Board Number P287 / Presentation Number W P287
Does Comprehensive Stroke Certification Demonstrate a Significant Effect on Volume and Quality of Care?
Laurie Paletz, Shilee Song, Nili Steiner, Betty Robertson, Nicole Wolber, Sonia Guerra, Patrick Lyden, Cedars-Sinai Medical Ctr, Los Angeles, CA

Poster Board Number P288 / Presentation Number W P288
Stroke Central: An Innovative Approach to Coordinated Comprehensive Stroke Care
Raymond Egger, Bethany Jennings, Patricia Commisskey, Aaron Bridges, Gregory Dadlez, Kenneth Gaines, Ochsner Medical Ctr, New Orleans, LA

Poster Board Number P289 / Presentation Number W P289
Hyper Acute Stroke Nurse Initiative Improves Time to Initiation of Reperfusion Therapy
Melissa Dofredo, Angela West, Nick Loper, Arlene Taves, Letia Sia McGee, Long Beach Memorial, Long Beach, CA

Poster Board Number P290 / Presentation Number W P290
Stroke Nurse Fellowship: Improving Quality and Coordination in Complex Stroke Patient Care
Dominique Banks, MS, RN, Karen Yarbrough, MS, ACNP, Christine Ball, BSN, RN, CNRN, UMMC, Baltimore, MD

Poster Board Number P291 / Presentation Number W P291
Crime Scene Investigation: Using Simulation to Assess and Demonstrate Annual Competencies
Elizabeth Huddt, Marcus Stroke and Neuroscience Ctr, Atlanta, GA

Poster Board Number P292 / Presentation Number W P292
A Comparative Analysis of the Requirements for Certification of Stroke Programs, by Type and by Nationally Recognized Certifying Body
Stacey Lang, Corazon, Inc, Pittsburgh, PA

Poster Board Number P293 / Presentation Number W P293
Using Smart Phrases in an Electronic Medical Record to Document the Plan of Care and Decision Making Process During Time Sensitive Acute Ischemic StrokePatient Interventions
Amy Perez, Grady Health System, Atlanta, GA

Poster Board Number P294 / Presentation Number W P294
Integration of TeleStroke into an Established Telemedicine System
Kristen C Leom, Anderson Regional Medical Ctr, Moridian, MS; Richard L Summers, Kristi Henderson, Univ of Mississippi, Jackson, MS

Poster Board Number P295 / Presentation Number W P295
Stroke Education Process in an Academic Hospital

Poster Board Number P296 / Presentation Number W P296
Establishing a Stroke Protocol Based on the Trauma Model
Mary Ann Blosky, Geisinger Health System, Danville, PA; E Andrew Raposo, Geisinger Health System, Wilkes Barre, PA

Poster Board Number P297 / Presentation Number W P297
Streamlining Processes to Decrease Arrival Time to Gown Puncture in the Neuroendovascular Suite
Kerrin M Connelly, Jacob Thomas, Grady Memorial Hosp, Atlanta, GA

Poster Board Number P298 / Presentation Number W P298
Retrospective Review of Inpatient CODE STROKE and Evaluation of the Implementation and Outcomes
Adam Curtis, Jennifer Rakita, Theresa Day, Sabrina Blair, Jennifer Henry, Robert E Heidel, Univ of Tennessee Medical Ctr, Knoxville, TN

Poster Board Number P299 / Presentation Number W P299
Interventions for Caregivers of Stroke Survivors: A Decade Update of the Literature
Ruth M Morris, Carole L White, Adelita G Cantu, Misty M Trevino, Univ of Texas Health Science Ctr at San Antonio, San Antonio, TX

Poster Board Number P300 / Presentation Number W P300
Factors Affecting Functional Assessment Measures (FAM) Self-Completion Among Intracerebral Hemorrhage (ICH) Patients
Spiro M Moraros, Teelyn Kaufmann, Renga Pandurengan, Kwame Ofori, Rick Sline, Chunyan Cai, Ritvij Bowry, Nicole Gonzales, Univ of Texas at Houston – Medical Sch, Houston, TX

Poster Board Number P301 / Presentation Number W P301
Post Stroke Use of Fluoxetine to Improve Functional Recovery Unrelated to Its Beneficial Effect on Depression
Alison Krisik, Capital Health Regional Medical Ctr, Trenton, NJ

Outcomes, Quality and Health Services Research Posters I

Poster Board Number P302 / Presentation Number W P302
Impact of Post-Stroke Medical Complications on 30-Day Readmission Rate
Sonia V Shah, Carlos Corado, Deborah Bergman, Yvonne Curran, Richard Bernstein, Andrew Naidech, Shyam Prabhakaran, Northwestern Univ Feinberg Sch of Med, Chicago, IL

Poster Board Number P303 / Presentation Number W P303
Clinical Inertia in the Management of Blood Pressure after a Stroke
Eric M Cheng, West Los Angeles Medical Ctr, Los Angeles, CA; Heather A Jaynes, Laura J Myers, Alan J Zillich, Dawn M Bravata, Richard L Roudebush VAMC, Indianapolis, IN; Christianne Roumie, Nashville VAMC, Nashville, TN

Poster Board Number P304 / Presentation Number W P304
Variation in Use of Carotid Revascularization Procedures and In-Hospital Mortality Among Large, Urban Teaching Hospitals in the United States

Poster Board Number P305 / Presentation Number W P305
Processes Trends and Current Clinical Outcomes for IV TPA and Endovascular Stroke Therapies from the Interventional Stroke Therapy Outcomes Registry
John J Connors III, Vanderbilt Univ Medical Ctr, Nashville, TN; Mark J Alberts, Roberta Novakovic, UT Southwestern – Dallas, Dallas, TX

Poster Board Number P306 / Presentation Number W P306
Identifying Stroke Research Challenges to Minority Inclusion in Clinical Research
Heather Carman, Leigh Quarles, Lauren Southwick, Emma K Benn, Icahn Sch of Med at Mount Sinai, New York, NY; Salina P Waddy, NIH, Natl Inst of Neurological Disorders and Stroke, Rockville, MD; Dorothy Farrar-Edwards, Univ of Wisconsin-Madison, Madison, WI; Bernadette Boden-Alba, Icahn Sch of Med at Mount Sinai, New York, NY

Poster Board Number P307 / Presentation Number W P307
Utilization of Tissue-Type Plasminogen Activator for Ischemic Stroke in California – Evidence From Ischemic Stroke Outcomes Validation Study
Limin Wang, Office of Statewide Health Planning and Development, Sacramento, CA; Barbara Vickrey, Eric M Cheng, Honghu Liu, Punam Parikh, Yan Wang, David Zingmond, Univ of California, Los Angeles, Los Angeles, CA; Joseph Parker, Merry Holliday-Hanson, Office of Statewide Health Planning and Development, Sacramento, CA

Poster Board Number P308 / Presentation Number W P308
Racial Disparities In IV rt-PA Use Persist At Primary Stroke Centers
Hugo J Aparicio, Boston Univ, Boston, MA; Brendan G Carr, Scott E Kasner, Univ of Pennsylvania, Philadelphia, PA; Karen C Allbright, Univ of Alabama at Birmingham, Birmingham, AL; Michael J Kallan, Univ of Pennsylvania, Philadelphia, PA; Dawn O Kleindorfer, Univ of Cincinnati, Cincinnati, OH; Michael T Mullen, Univ of Pennsylvania, Philadelphia, PA
Poster Board Number P309 / Presentation Number W P309
Hemorrhagic Risk Associated with Warfarin Initiation among Patients with Atrial Fibrillation: Assessment via a Large Insurance Database
Ping G Tepper, Univ of Pittsburgh, Pittsburgh, PA; Xianchen Liu, Pfizer, Inc, New York, NY; Hamilton Melissa, Bristol-Meyers Squibb, Princeton, NJ; Jack Mardekian, Pfizer, Inc, New York, NY; William Petkun, Bristol-Meyers Squibb, Princeton, NJ; Wilson Tan, Pfizer, Inc, New York, NY; Daniel E Singer, Harvard Medical Sch, Boston, MA

Poster Board Number P310 / Presentation Number W P310
National Trends in Carotid Artery Stenting and Endarterectomy by Sex, Race, and Region: 2007-2011
Judith H Lichtman, Erica C Leithelt-Limson, Yale Sch of Public Health, New Haven, CT; Yn Wang, Harvard Sch of Public Health, Boston, MA; Virginia J Howard, Univ of Alabama-Birmingham Sch of Public Health, Birmingham, AL; Thomas G Brott, Mayo Clinic, Jacksonville, FL; Larry B Goldstein, Duke Comprehensive Stroke Ctr, Duke Univ and Durham VAMC, Durham, NC

Poster Board Number P311 / Presentation Number W P311
Demographic and Regional Characteristics Associated With Advanced Primary Stroke Center Designation
Catherine McDonald, Steven Cen, Lucas Ramirez, William J Mack, Neres Sanossian, Univ of Southern California, Los Angeles, CA

Poster Board Number P312 / Presentation Number W P312
Pre-Hospital and Hospital Data Linkage in an Organized Stroke System of Care: A Pilot Study
Ishitha Chennupati, Goce Trajevisci, Northwestern Univ, Chicago, IL; Kathleen O'Neill, American Heart Association, Chicago, IL; Leslie Stein-Spencer, Mark Kiely, Chicago Fire Dept, Chicago, IL; Eric Beck, Univ of Chicago Medical Ctr, Chicago, IL; Sanjay Mehrota, Northwestern Univ, Chicago, IL; Shyam Prabhakaran, Northwestern Univ Feinberg Sch of Med, Chicago, IL

Poster Board Number P313 / Presentation Number W P313
Effects of Organized Stroke Care on In-Hospital Mortality and Morbidity of Patients With Ischemic and Hemorrhagic Stroke: J-ASPECT Study
Kunihiro Nishimura, Nati Cardiovascular and Cerebral Ctr, Suitsa, Japan; Satoru Kami-tani, Tokio Univ, Tokyo, Japan; Michikazu Nakai, Nati Cardiovascular and Cerebral Ctr, Suitsa, Japan; Akiko Kada, Nagaoya Medical Ctr, Nagaoya, Japan; Yamaha Nakamura, Tokyo Univ, Tokyo, Japan; Hirohiru Katoaka, Yoshihiro Miyamoto, Nati Cardiovascular and Cerebral Ctr, Suitsa, Japan; Kuniaki Ogawara, Iwate Medical Univ, Morioka, Japan; Junichi Ono, Chiba Cardiovascular Cnter, Ichihara, Japan; Shigeru Miyachi, Nagaoya Univ, Nagaoya, Japan; Yoshiaki Shiokawa, Kyorin Univ, Mitaka, Japan; Shinya Matsuda, Matsuda, Univ of Environmental and Occupational Health, Kita-Kyushu, Japan; Izumi Nagata, Nagasaki University, Nagasaki, Japan; Toru Aruga, Showa University, Tokyo, Japan; Suzuki Akutumi, Akita Noken Hosp, Akita, Japan; Kazunori Toyoda, Nati Cardiovascular and Cerebral Ctr, Suitsa, Japan; Koichi Ishikawa, Nati Cancer Ctr, Tokyo, Japan; Jyoji Nagakawara, Koji Jihara, Nati Cardiovascular and Cerebral Ctr, Suitsa, Japan

Poster Board Number P314 / Presentation Number W P314
Comprehensive Stroke Centers Improve Survival in Hemorrhagic Stroke
James S McKinney, Jerroh Cheng, Igor Rybinnik, Ugo Paolucci, John B Kostis, Rutgers-RWJMS, New Brunswick, NJ

Poster Board Number P315 / Presentation Number W P315
Cardio-Respiratory Arrest in Stroke (CAIS Study): Predisposing Factors, Clinical Features, Outcomes, and Process Measures
Davar Nikneshan, Stroke Outcomes Res Unit, Div of Neurology, Toronto, ON, Canada; Alejandro Rabinstein, Mayo Clinic, Rochester, MN; Robert Holloway, Univ of Rochester Medical Ctr, Rochester, MN; Jack Tu, Jiming Fang, Instutue of Clinical Evaluative Sciences (ICES), Toronto, ON, Canada; Gustavo Saposnik, Stroke Outcomes Res Unit, Div of Neurology, Toronto, ON, Canada; Registry of the Canadian Stroke Network (RCSN); The Stroke Outcomes Research Canada (SORCan) Working Group

Poster Board Number P316 / Presentation Number W P316
Improved Detection and Treatment of Post-Stroke Depression Utilizing Patient Health Questionaire-9 (PHQ-9) Screening over Standard Methods
Allison Hooker, Evan Tatum, Christina Roels, Novant Health Forsyth Medical Ctr, Winston Salem, NC

Poster Board Number P317 / Presentation Number W P317
Pan-London Simulation Training for Hyperacutte Stroke
J Birmas, Dept of Ageing & Health, London, United Kingdom; J Joyce, Simulation & Interactive Learning Ctr, London, United Kingdom; A Roots, Dept of Stroke Med, London, United Kingdom; G Reedy, Alastair Ross, Simulation & Interactive Learning Ctr, London, United Kingdom

Poster Board Number P318 / Presentation Number W P318
Declining Mortality in Cerebral Venous Thrombosis: A Systematic Review
Jonathan M Coutinho, Susanna M Zuurier, Jan Stam, Academic Medical Ctr, Amsterdam, Netherlands

Poster Board Number P319 / Presentation Number W P319
Isolated National Institute of Health Stroke Scale Scoreboard Worsening is Predictive of Poor Outcomes in Acute Ischemic Stroke Patients
Denise A Pineda, Tulane Univ Sch of Med, New Orleans, LA; Erica L Dawson, Karen C Albright, Univ of Alabama at Birmingham, Birmingham, AL; James E Siegler, Andre D Kumar, Michael A Gillette, Tulane Univ Sch of Med, New Orleans, LA; Amelia K Boehme, T Mark Beasley, Univ of Alabama at Birmingham, Birmingham, AL; Sheryl Martin-Schmid, Tulane Univ Sch of Med, New Orleans, LA

Poster Board Number P320 / Presentation Number W P320
Falls with Injury After Stroke are Associated With Incontinence and Depression
Ashutosh Mani, Kari Dunnings, Kathleen Alwell, Charles J Moorman, Dawn O Klein-dorfer, Univ of Cincinnati, Cincinnati, OH; Daniel Woo, University of Cincinnati, Cincinnati, OH; Matthew Fishlery, Pooja Khatri, Opeolu Adeoye, Simona Ferioli, Brett M Kissela, University of Cincinnati, Cincinnati, OH

Poster Board Number P321 / Presentation Number W P321
Stroke Outcomes and Usage of IV Alteplase During Pregnancy in the Nationwide Inpatient Sample 2005-2010
Sarah Song, Bichun Ouyang, Taylor Kneip, James Connors, Shauna Cuttig, Vivien Lee, Laurel Smit, Rush Univ Medical Ctr, Chicago, IL; Elena Kuklina, Ctrs for Disease Control and Prevention, Atlanta, GA

Poster Board Number P322 / Presentation Number W P322
Quality of Life Measurements in Patients with Transient Ischemic Attack and Minor Stroke
Fan Z Caprio, Carlos Corado, Deborah Bergman, Yvonne Curran, Richard Bernstein, David Cella, Andrew Naidech, Shyam Prabhakaran, Northwestern Univ, Chicago, IL

Poster Board Number P323 / Presentation Number W P323
Factors Influencing Perception of Quality of Life Following Stroke
Shelly Ozark, Andrea D Boan, Tanya N Turan, Charles Ellis Jr, David L Bachman, Daniel T Lackland, Medical Univ of South Carolina, Charleston, SC

Poster Board Number P324 / Presentation Number W P324
Acute NIHSS Profiles Predict Differential Outcomes After Mild Ischemic Stroke
Dorothy Farrar Edwards, Hui -Chun Chen, Univ of Wisconsin, Madison, WI; Deirdra G Tiffany, Nati Rehabilitation Hosp, Washington, DC; Chelsea S Kidwell, Univ of Arizona Sch of Med, Tucson, AZ; Alexander W Dromerick, Georgetown Univ, Washington, DC

Poster Board Number P325 / Presentation Number W P325
Is Obesity a Marker of Good or Bad Functional Outcome After Ischemic Stroke?
Samrat Veramani, Brett M Kissela, Dawn O Kleindorfer, Kathleen Alwell, Charles J Moorman, Michael McCarthy, Univ of Cincinnati, Cincinnati, OH; Heidi Sucharew, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Christopher Lindsell, Daniel Woo, Pooja Khatri, Matthew Finnerty, Simona Ferioli, Sharyl Martini, Felipe de Loid Reyes La Rosa, Univ of Cincinnati, Cincinnati, OH; Jason Mackey, Indiana Univ, Indianapolis, IN; Jane C Khoury, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH

Poster Board Number P326 / Presentation Number W P326
Evaluating Low Rates of Oral Anticoagulant Prescribing for Secondary Stroke Prevention in Ontario
Reema Shah, Univ of Toronto, Toronto, ON, Canada; Shudong Li, Melissa Stamplecoski, Inst for Clinical Evaluative Sciences, Toronto, ON, Canada; Moira K Kapral, Univ of Toronto, Toronto, ON, Canada

Poster Board Number P327 / Presentation Number W P327
Defect-Free Stroke Care Results in Lower Hospitalization Costs
Kevin D Call, Li Dong, Nancy C Nelson, Daniel R Probst, Intermountain Healthcare, Salt Lake City, UT

Poster Board Number P328 / Presentation Number W P328
Comparative Analysis of Two Methods to Score the modified Rankin Scale: Rankin Focused Assessment and Simple modified Rankin Scale Questionnaire
Richa D Patel, Boston Univ Sch of Med, Boston, MA; Sidney Starkman, Univ of California, Los Angeles, Los Angeles, CA; Robin Conwit, Natl Inst of Health, Bethesda, MD; Scott Hamilton, Stanford Stroke Ctr, Palo Alto, CA; Fiona Chatfield, Jeffrey Saver, Univ of California, Los Angeles, Los Angeles, CA
Poster Board Number P349 / Presentation Number W P349
Prediction of Major Adverse Cardiovascular Events by Age-Normalized Carotid Intimal Medial Thickness
Christopher M Rembold, Emmanuel Nkettiah, Univ of Virginia, Charlottesville, VA; Karen E Rembold, Tufts Univ, Boston, MA

Poster Board Number P350 / Presentation Number W P350
Pre-Stroke Antiplatelet Use and Outcomes in a Cohort of Ischemic Stroke Patients
Maria Cristina Zuru, Claudia Alonzo, Laura Brescacin, Santiago Pigrett, Ariel Luzzi, Luis Camera, Gabriel Waisman, Edgardo Cristiano, Hosp Italiano, Buenos Aires, Argentina

Poster Board Number P351 / Presentation Number W P351
Plasma Interleukin-6 and C-reactive Protein Are Associated With Acute Diffusion Hyperintensity After Transient Ischemic Attack

Poster Board Number P352 / Presentation Number W P352
Clopidogrel-Statin Interaction in Secondary Prevention After Ischemic Stroke: A Randomized Double Blind Placebo Controlled Crossover Study
Timo Siepmann, Denise Heinke, Jessica Kepplinger, Kristian Barlin, Volker Puetz, Georg Gahn, Ulf Bodechtel, Carl Gustav Carus Medical Faculty, Dresden, Germany

Poster Board Number P353 / Presentation Number W P353
Benign Natural History of Occlusion in Asymptomatic Carotid Stenosis
Chrysi Bogiatzi, J David Spence, Robarts Res Inst, Western Univ, London, ON, Canada

Poster Board Number P354 / Presentation Number W P354
Effect of Free Fatty Acid on Recurrent Stroke in Stroke Patients With Atrial Fibrillation
Woo-Keun Seo, Jeong-Yoon Choi, Korea university Guro Hosp, Seoul, Korea, Republic of; Jin-Man Jung, Korea university Ansan Hosp, Seoul, Korea, Republic of; Kyung Hee Cho, Korea university Anam Hosp, Seoul, Korea, Republic of; Kyungmi Oh, Korea university Guro Hosp, Seoul, Korea, Republic of

Poster Board Number P355 / Presentation Number W P355
Pathophysiologic, Rather than Pharmacologic Resistance Drives Aspirin Failure in Ischemic Stroke
Nergiz Agayeva, Hacetette Univ Faculty of Med, Ankara, Turkey; Levent Gungor, Ondokuz Mayis Univ Faculty of Med, Samsun, Turkey; Mehmet Akif Topcuoglu, Ethem Nergiz Agayeva, Hacetette Univ Faculty of Med, Ankara, Turkey; Levent Gungor, Hacetette Univ Faculty of Med, Samsun, Turkey; Mehmet Akif Topcuoglu, Ethem

Poster Board Number P356 / Presentation Number W P356
The Effectiveness Of The Stroke Educational Activities For Junior High School Students: The Tochigi Project
Kosuke Matsuosono, Chiaki Yokota, Natt Cerebral and Cardiovascular Ctr, Saita, Japan; Hidehiro Takekawa, Dokkyo Medical Univ, Shimotsugamugun Shimotamachi, Japan; Tomonori Okamura, Keio Univ, Shinjuku-ku, Japan; Naomi Miyamatsu, Shiga Univ of Medical Science, Otsu, Japan; Hirofumi Maruyama, Hiroshima Univ Graduate Sch of Biomedical Sciences, Hiroshima, Japan; Yukihito Higashi, Hiroshima Univ, Hiroshima, Japan; Tomohisa Nezu, Naohisa Hosomi, Shiro Aoki, Tetsuya Takahashi, Kumiko Anno, Hirofumi Maruyama, Hiroshima Univ Graduate Sch of Biomedical Sciences, Hiroshima, Japan; Yukihito Higashi, Hiroshima Univ, Hiroshima, Japan; Tomohisa Nezu, Naohisa Hosomi, Shiro Aoki, Tetsuya Takahashi, Kumiko Anno, Hirofumi Maruyama, Hiroshima Univ Graduate Sch of Biomedical Sciences, Hiroshima, Japan

Poster Board Number P357 / Presentation Number W P357
Glycemic Control or Dual Endothelin Receptor Antagonism Reverses Diabetes-Mediated Dysfunctional Cerebral Neovascularization and Remodeling Patterns
Jessica Kaczmarek, Mohammed Abedeal, Georgia Regents Univ, Augusta, GA; Susan Fagan, Univ of Georgia, Augusta, GA; Advirey Ergul, Georgia Regents Univ, Augusta, GA

Poster Board Number P358 / Presentation Number W P358
SDR overexpression Accounts for the Neurovascular Protection in Rats Following Ischemic Stroke
Maha Coucha, Weiguo Li, Mohammed Abedeal, Georgia Regents Univ, Augusta, GA; Sherif Hafiez, Susan C Fagan, Univ of Georgia, Augusta, GA; Advirey Ergul, Georgia Regents Univ, Augusta, GA

Poster Board Number P359 / Presentation Number W P359
Activation of Prostacyclin Receptor (IP) in Human Brain Microvascular Endothelial Cells Stimulates Production of SAPP
Tongrong He, Tong Lu, Zvvinomir Katusic, Mayo Clinic, Rochester, MN

Poster Board Number P360 / Presentation Number W P360
A Hypertensive Reversible Encephalomyelitis Syndrome (HyRES)
Adam de Havenon, Univ of Washington, Seattle, WA; Zachary Joos, Lauren Longe- necker, Univ of Utah, Salt Lake City, UT

Poster Board Number P361 / Presentation Number W P361
Telomere G-tail Length Shortening is Associated With Endothelial Dysfunction in Patients With Chronic Cerebrovascular Disease and Comorbidity
Tomohisa Nezu, Naohisa Hosomi, Shiro Aoki, Tetsuya Takahashi, Kumiko Anno, Hirofumi Maruyama, Hiroshima Univ Graduate Sch of Biomedical Sciences, Hiroshima, Japan; Yukihito Higashi, Hiroshima Univ, Hiroshima, Japan; Hitotosehi Tahara, Masayasu Matsumoto, Hiroshima Univ Graduate Sch of Biomedical Sciences, Hiroshima, Japan

Poster Board Number P362 / Presentation Number W P362
Krupple-Like Factor 11 Mediates Blood-Brain Barrier Dysfunction in Ischemic Stroke
Ke-Jie Yin, Univ of Michigan, Ann Arbor, MI; Milton Hamblin, Tulane Univ, New Orleans, LA; Jifeng Zhang, Tianqing Zhu, Yuqing Eugene Chen, Univ of Michigan, Ann Arbor, MI

Poster Board Number P363 / Presentation Number W P363
Mechanism of Protection by Soluble Epoxide Hydrolase Inhibition in Type 2 Diabetic Stroke
Kristen L Zuloaga, Stephanie M Krasnow, Wenri Zhang, Robert E Shangraw, Daniel L Marks, Nabil J Alkayed, Oregon Health & Science Univ, Portland, OR

Poster Board Number P364 / Presentation Number W P364
Relationships Between Endothelial Function, Biological Markers and Cerebral Small Vessel Disease in Patients with Chronic Cerebrovascular Disease and Comorbidity
Tomohisa Nezu, Naohisa Hosomi, Shiro Aoki, Tetsuya Takahashi, Takamichi Sugimoto, Hirofumi Maruyama, Hiroshima Univ Graduate Sch of Biomedical Sciences, Hiroshima, Japan; Yukihito Higashi, Hiroshima Univ, Hiroshima, Japan; Tomohisa Nezu, Naohisa Hosomi, Shiro Aoki, Tetsuya Takahashi, Takamichi Sugimoto, Hirofumi Maruyama, Hiroshima Univ Graduate Sch of Biomedical Sciences, Hiroshima, Japan

Poster Board Number P365 / Presentation Number W P365
Critical Role of Smooth Muscle Cell Phenotypic Modulation in Cerebral Aneurysm Formation and Rupture
Robert M Starke, Univ of Virginia, Charlottesville, VA; Mohammad S Ali, Nohra Chalouhi, Pascal M Jabbour, Stavroulla I Tjoumakaris, L Fernando Gonzalez, Robert H Rosenwasser, Thomas Jefferson Univ, Philadelphia, PA; David Hasan, Univ of Iowa, Iowa City, IA; Tomoki Hashimoto, UCSI, SFransisco, CA; Nigel H Greig, Nate Inst of Health, Baltimore, MD; Gary K Owens, Univ of Virginia, Charlottesville, VA; Aaron S Dumont, Thomas Jefferson Univ, Philadelphia, PA

Poster Board Number P366 / Presentation Number W P366
Hypothermia Does Not Affect Tissue Plasminogen Activator Activity in Acute Ischemic Stroke Patients as Measured by Thromboelastography
Joancy M Archeval-Lao, Univ of Texas Health Science Ctr Houston, Houston, TX; Hope Moser, Memorial Hermann Hosp, Houston, TX; Stephen A Riney, Jorge Kayano-Castillo, Stephanie A Parker, Chunyuan Cai, Mohammad H Rahbar, Eric T Ward, Mark M McDonald, Navdeep Sangha, James Grotta, Unv of Texas Health Science Ctr Houston, Houston, TX

Poster Board Number P367 / Presentation Number W P367
Anterior Cerebral Artery Diameter Predicts Anterior Cerebral Artery Territorial Stroke
Ashkan Shaheen, Massachusetts General Hosp, Harvard Medical Sch, Boston, MA; Hesham Masoud, Katrina Weed, Kaylyn Duerfeldt, Helena Lau, Jose R Romero, Aleksandra Pikuła, Boston Medical Ctr, Boston Univ Sch of Med, Boston, MA; Philip Teal, Vancouver General Hosp, Univ of British Columbia, Vancouver, BC, Canada; Thanh Nguyen, Carlos S Kase, Viken L Babikian, Boston Medical Ctr, Boston Univ Sch of Med, Boston, MA
Poster Board Number MP8 / Presentation Number T MP8
The Thrice Score Strongly Predicts Outcomes in Patients Treated With the Solitary Device in the Swift and Star Trials
Alexander Flint, Kaiser Permanente, Redwood City, CA; Vitor Mendes Pereira, Univ Hosp of Geneva, Switzerland, Switzerland; Eldad I Levy, SUNY Buffalo, Buffalo, NY; Jeff Saver, UCLA, Los Angeles, CA; Tudor Jovin, Univ of Pittsburgh, Pittsburgh, PA; David Liebeskind, UCLA, Los Angeles, CA; Raul Nogueira, Emory, Atlanta, GA; Reza Jahan, UCLA, Los Angeles, CA; Sean Cullen, Kaiser Permanente, Redwood City, CA
Poster Board Number MP9 / Presentation Number T MP9
Analysis of MR RESCUE Dataset Employing DEFUSE 2 Target Mismatch Criteria for Defining Penumbra
Chelsea S Kidwell, Univ of Arizona, Tucson, AZ; Reza Jahan, Jeffrey Gornbein, Jeffrey R Alger, VA National Ctr Medical Ctr, Los Angeles, CA; Zahra Ajani, Lei Feng, Kaiser Permanente Medical Ctr, Los Angeles, CA; Brett C Meyer, UCSD Medical Ctr, San Diego, CA; Scott Olson, Scripps Clinic, UCSD, San Diego, CA; Lee H Schwamm, Albert J Joo, Harvard Medical Sch and Massachusetts General Hosp, Boston, MA; Randolph S Marshall, Philip M Meyer, Columbus Univ, New York, NY; Dileeep R Yavagal, Univ of Miami, Miami, FL; Max Wintermark, Univ of Virginia, Charlottesville, VA; Gina Norato, Univ of Arizona, Tucson, AZ; Laura Russell, Courtney Heieh, Georgetown Univ, Washington, DC; Judy Guy, Sidney Starkman, Jeffrey L Saver, UCLA Medical Ctr, Los Angeles, CA; MR RESCUE Investigators
Poster Board Number MP10 / Presentation Number T MP10
Pittsburgh Response to Endovascular Therapy (PRE) Score Predicts Likelihood of Benefit From Endovascular Therapy in Anterior Circulation Large Vessel Occlusions
Srini Rangaraju, Amin Aghaebrahim, Christopher Streib, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Chun-Huan Sun, Marcus Stroke and Neuroscience Inst, Atlanta, GA; Marc Ribo, Marion Muchada, Unitat d’Ucst Vall d’Hebron, Barcelona, Spain; Raul Nogueira, Frankel Michael, Marcus Stroke and Neuroscience Inst, Atlanta, GA; Rishi Gupta, Wellstar Neurosurgery, Atlanta, GA; Ashutosh P Jadhav, Tudor G Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA
Poster Board Number MP11 / Presentation Number T MP11
Acute Endovascular Reperfusion Therapy Has Inconsistent Results Across Randomized Clinical Trials - A Systematic Review and Meta-Analysis
Toshiya Oeana, Cleveland Clinic, Cleveland, OH; Vinay Pasupuleti, Abhishek Deshpande, Priyaleela Thota, Case Western Reserve Univ, Cleveland, OH; Yuani Roman, Adrian V Hernandez, Unidad de Analisis y Generacion de Evidencia en Salud Publica (UNAGESP), Lima, Peru; Ken Uchino, Cleveland Clinic, Cleveland, OH
Poster Board Number MP12 / Presentation Number T MP12
Primary Manual Aspiration Thrombectomy (MAT) for Acute Ischemic Stroke: Safety, Feasibility and Outcomes in 112 Consecutive Patients
Brian T Jankowitz, Anat Horev, Ramesh Grandhi, Amin Aghaebrahim, Ashutosh Jadhav, Guillermo Linares, Tudor Jovin, UPMC Presbyterian, Pittsburgh, PA

Acute Nonendovascular Treatment Moderated Poster Tour

SECTION 2
Moderators:
Magdy Selim, MD, PhD, FAHA, Boston, MA
Helmi Kutsev, MD, FAHA, Portland, OR

Poster Board Number MP13 / Presentation Number T MP13
Chagas Disease Related Stroke: Safety of Intravenous Thrombolysis and Endovascular Treatment
Pedro T Couto-Pinto, Bruno L Dos Santos, Francisco A Dias, Milene R Camilo, Frederico F ALESSIO-Alves, Clara M Barreira, Taíza E Santos-Pontelli, Daniel G Abud, João P Leite, Octavio M Pontes-Neto, Ribeirão Preto Medical Sch, Ribeirão Preto, Brazil

Poster Board Number MP14 / Presentation Number T MP14
Clinical Outcomes Following Thrombolysis for Acute Ischemic Stroke in Patients with Primary Brain Tumors: A Nationwide Population Study
Santosh B Murthy, Johns Hopkins Univ, Baltimore, MD; Shreyas Shah, Nati Insts of Health (NIH), Bethesda, MD; Siddharth Karanth, Univ of Texas Sch of Public Health, Houston, TX; Aditi Shastri, Montefiore Medical Ctr, Bronx, NY; Eric Bershad, Jose Ier Suarez, Baylor Coll of Med, Houston, TX

Poster Board Number MP15 / Presentation Number T MP15
Post IV Thrombolytic Headache Does Not Predict Hemorrhagic Transformation Risk in Acute Ischemic Stroke
Anmar Razak, Soo Young Kwon, Saqib Chaudhry, Hillary Kneale, Ammar Al Jaje, Syed Hussain, Michigan State Univ, East Lansing, MI

Poster Board Number MP17 / Presentation Number T MP17
Reduced Lesion Volume in the rtPA-Epifibatide Group in CLEAR-ER Study
Ariyan Javadi, Opeolu Adeoye, Univ of Cincinnati Medical Ctr, Cincinnati, OH; Jane Khoury, Heidi Sucharew, Cincinnati Children’s Hosp Medical Ctr, Cincinnati, OH; Pamela Schmit, Thomas Tomsick, Arthur Panicioll, Univ of Cincinnati Medical Ctr, Cincinnati, OH

Poster Board Number MP18 / Presentation Number T MP18
Physical Activity Prior To Stroke May Exert Neuroprotective Effects By Increasing Vascular Endothelial Growth Factor Expression After Acute Ischemic Stroke
Elena Lopez-Cancio, Hosp Univiri Germans Tras i Pujol, Badalona (barcelona), Spain; Tomas Sobrini, Francisco Campos, Hosp Clinico Univiri de Santiago, Santiago de Compostela, Spain; Ana Clara Ricciardi, Natallia Perez de la Ozas, Maria Hernandez-Perez, Meretxell Gomis, Laura Dorado, Hosp Univiri Germans Tras i Pujol, Badalona (barcelona), Spain; Juan Francisco Arellanillas, Hosp Clinico Univiri de Valladolid, Valladolid, Spain; Antonio Davalos, Hosp Univiri Germans Tras i Pujol, Badalona (barcelona), Spain

Poster Board Number MP19 / Presentation Number T MP19
Intreped Registry: Association of Procedure Time With Complications
Demetrios Lopes, Rush Univ, Chicago, IL; David Kallmes, Mayo Clinic, Rochester, MN; Intrepid Investigators

Poster Board Number MP20 / Presentation Number T MP20
A Rapid Clot Lysis Assay to Predict Response to IV rtPA in Stroke
Irma V Sazonova, Georgina Regents Univ, Augusta, GA; Francesca Janes, ‘S Maria della Misericordia’ Univ Hosp, Udine, Italy; Jennifer L Waller, Julia E Brittain, Georgina Regents Univ, Augusta, GA; Gian Luigi Gigli, Roberta Giacomello, ‘S Maria della Misericordia’ Univ Hosp, Udine, Italy; David C Hess, Jeffrey A Sitzer, Medical College of Georgia, Augusta, GA

Poster Board Number MP21 / Presentation Number T MP21
Effect of IV rtPA in Mild Strokes in the Third International Stroke Trial (IST3): A Post Hoc Analysis
Pooja Khatri, Univ of Cincinnati, Cincinnati, OH; Darren Tayama, Genentech, Inc, South San Francisco, CA; Geoff Cohen, Univ of Edinburgh, Edinburgh, United Kingdom; Richard I Lindley, Univ of Sydney, Sydney, Australia; Joanna M Wardlaw, Univ of Edinburgh, Edinburgh, United Kingdom; Sharon D Yeatts, Medical Univ of South Carolina, Charleston, SC; Joseph P Broderick, Univ of Cincinnati, Cincinnati, OH; Peter Sandersock, Univ of Edinburgh, Edinburgh, United Kingdom; on behalf of the PRISMS and IST-3 Investigators

Poster Board Number MP22 / Presentation Number T MP22
Defining Mild Stroke: Outcomes Analysis of Treated and Untreated Mild Stroke Patients
Ilanza Spokony, Rema Raman, Karin Ernstrom, Thomas M Hemmen, Univ of California, San Diego, San Diego, CA; Pooja Khatri, Univ of Cincinnati, Cincinnati, OH; Brett C Meyer, Univ of California, San Diego, San Diego, CA

Poster Board Number MP23 / Presentation Number T MP23
M2 Vessel Diameter and Clot Length Influence Degree of Successful Recanalization Within 6 Hours Of iv-tpa Treatment
Jamsheed A Desai, Univ of Calgary, Calgary, AB, Canada; Paul A Burns, Royal Victoria Hosp, Belfast, Ireland; Bijoy K Menon, Sachin Mishra, Mayank Goyal, Univ of Calgary, Calgary, AB, Canada; Sung-II Sohn, Keimyung Univ, Daegu, Korea, Democratic People's Republic of; Daurish Dowlatshahi, Univ of Ottawa, Ottawa, ON, Canada; Ana I Calleja Sanz, Univ de Valladolid, Valladolid, Spain; Josep P Alcancara, Hosp Dr Josep Trueta, Girona, Spain; Albert Y Jin, Queens Univ, Kingston, ON, Canada; Jean-Martin Boulanger, Sherbrooke Univ, Sherbrooke, QC, Canada; Alexandre Y Poppe, Univ de Montréal, Montreal, QC, Canada; Francois Moreau, Ctr Hospier Univire de Sherbrooke, Sherbrooke, QC, Canada; Taip Asli, Bezmialem Vakif Univ, Istanbul, Turkey; Yang-ha Hwang, Kyungkook Natt Univ, Daegu, Korea, Democratic People’s Republic of; Seong H Ahn, Choson Univ Sch of Med, Dong-gu, Korea, Democratic People’s Republic of; Negar Asdaghan, Univ of British Columbia, Vancouver, BC, Canada; Robert Mikulik, St Anne’s Univ Hosp, Brno, Czech Republic; Michael D Hill, Andrew M Demchuck, Univ of Calgary, Calgary, AB, Canada

Poster Board Number MP24 / Presentation Number T MP24
Are There Disparities in Thrombolytic Treatment and Mortality in Acute Ischemic Stroke in the Hispanic Population Living in Border States versus Non-Border States?
Anneem E Hassan, Univ of Texas Health Science Ctr – San Antonio, Harlingen, TX; Malik M Adil, Taqi T Zafar, Muhammad Umar, Zeenat Qureshi Stroke Inst and CentroCare Health, St Cloud, MN; Wondwosson G Tekle, Olive Sanchez, Univ of Texas Health Science Ctr – San Antonio, Harlingen, TX; Adnan I Qureshi, Zeenat Qureshi Stroke Inst and CentroCare Health, St Cloud, MN
Moderator: Atte Meretoja, MD, Helsinki, Finland

Poster Board Number MP73 / Presentation Number T MP73

Effect of Hospital Factors on Individual-Level Early Do-Not-Resuscitate Orders in Ischemic Stroke
Darín B Zahurancic, James F Burke, Univ Michigan Health System, Ann Arbor, MI; Adam G Kelly, Robert G Holloway, Univ of Rochester Medical Ctr, Rochester, NY; Lewis B Morgenstern, Univ Michigan Health System, Ann Arbor, MI

Poster Board Number MP74 / Presentation Number T MP74

The Effect of Elevated Factor VIII on Glycemic Control in Acute Ischemic Stroke Patients
Michael Halstead, Brittany M Gouse, Dominique J Monlezun, Katherine Brag, James E Siegel, Alexander J George, Laurie Schluter, Ramy El Khoury, Sheryl Martin-Schild, Tulane Univ Hosp, New Orleans, LA

Poster Board Number MP75 / Presentation Number T MP75

Effect of Subacute BP Variability on Subsequent Vascular Events in Patients with Acute Ischemic Stroke
Jihoon Kang, Min Uk Jang, Jeong-Ho Hong, Min Ju Yoo, Beom Joon Kim, Myung Suk Jang, Mi Hwa Yang, Seoul Natl Univ Bundang Hosp, Seongnam-si, Korea, Republic of; Ji Sung Lee, Soochunhyang Univ Hosp, Seoul, Korea, Republic of; Juyeongyoung Lee, Korea Univ Sch of Med, Seoul, Korea, Republic of; Wook-Joo Kim, Ulsan Univ Hosp, Ulsan Univ Coll of Med, Ulsan, Korea, Republic of; Moon-Ku Han, Hye-Joon Bae, Seoul Natl Univ Bundang Hosp, Seongnam-si, Korea, Republic of

Poster Board Number MP76 / Presentation Number T MP76

Acute Kidney Injury in Acute Ischemic Strokes is Associated with Worse Outcomes
Faraz Khursheed, Louisiana State Univ Health Science Ctr, New Orleans, LA; Malik M Adil, Zeenat Qureshi Stroke Res Ctr and CentraCare Health System, St Cloud, MN; Fahad Saeed, Cleveland Clinic, Cleveland, OH; Lionel A Branch, Louisiana State Univ Health Science Ctr, New Orleans, LA; Gabriel A Vidal, Ochsner Medical Ctr, New Orleans, LA; Adnan I Qureshi, Zeenat Qureshi Stroke Res Ctr and CentraCare Health System, St Cloud, MN

Poster Board Number MP77 / Presentation Number T MP77

Incidence of Neurofluctuation in Patients with Subcortical Ischemic Stroke – Results from a Prospective Cohort Study
Farhaan S Vahidy, Univ of Texas – Health Science Ctr, Houston, TX; William J Hicks II, Ohio Health Neurological Physicians, Columbus, OH; Indrani Acosta, Florida Hospital Altamonte, Altamonte Springs, FL; HN Hallevi, Tel Aviv Univ, Tel Aviv, Israel; Hui Peng, Renganayaki Pandurengan, Nicole Gonzales, Andrew Barreto, Univ of Texas – Health Science Ctr, Houston, TX; Sheryl Martin-Schild, Tulane Univ Sch of Med, New Orleans, LA; Tzu-Ching Wu, Mohammad H Rahbar, Arvind Bambhri, James C Grotta, Sean I Savitz, Univ of Texas – Health Science Ctr, Houston, TX

Poster Board Number MP78 / Presentation Number T MP78

Real Time Prediction of Early Neurologic Deterioration using A Blood Pressure Volatility Model in Acute Ischemic Stroke
Jihoon Kang, Seoul Natl Univ Bundang Hosp, Seongnam-si, Korea, Republic of; Maeng Seok Noh, Pukyong Natl Univ, Busan, Korea, Republic of; Youngjo Lee, Seoul Natl Univ, Seoul, Korea, Republic of; Min Uk Jang, Jeong-Ho Hong, Beom Joon Kim, Min Ju Yoo, Moon-Ku Han, Hye-Joon Bae, Seoul Natl Univ Bundang Hosp, Seongnam-si, Korea, Republic of

Poster Board Number MP79 / Presentation Number T MP79

Correlation Between ST Segment Abnormalities at Admission and Worse Neurologic Outcome 90 Days After Stroke: a Prospective Trial
Gabriel F Braga MD, Renato S Gonçalves MD, Luiz Eduardo G Bettin MD, Marcos F Minicucci MD, Rodrigo Bazan MD, Leonardo A Zornoff MD, Univ Estadual Paulista – UNESP, Botucatu, Brazil

Poster Board Number MP80 / Presentation Number T MP80

Prior Beta Blocker Use is Associated with Favorable Outcome in Patients with Acute Insular Stroke
Kwang-Yeol Park, Chung-Ang Univ Hosp, Seoul, Korea, Republic of; Ross Avery, Mert Minicucci MD, Rodrigo Bazan MD, Leonardo A Zornoff MD, Univ Estadual Paulista – UNESP, Botucatu, Brazil

Poster Board Number MP81 / Presentation Number T MP81

Effect of Stock Market Volatility on 30-Day Mortality in Acute Ischemic Stroke Patients
Hakan Ay, Massachusetts General Hosp, Boston, MA; Rory Sabuncu, AA Martinos Ctr for Biomedical Imaging, Boston, MA; Octavio Pontes Neto, Hakan Ay, Massachusetts General Hosp, Boston, MA; Zeng-Zhi Sun,chairman, Jiaxing Capital Management Co., Ltd, Jiaxing, China
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<td>Comparison of Medicare Claims vs Physician Adjudication for Identifying Acute Strokes in the Women's Health Initiative</td>
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<td>Congestive Heart (or Cardiac) Failure: Risk Factors, Clinical Features and Outcomes in Patients With an Acute Ischemic Stroke</td>
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<td>Guideline-directed LDL Management Prior to Onset of Acute Ischemic Stroke in Patients with and Without Pre-existing Cardiovascular Disease: Findings from GWGT-stroke</td>
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**Outcomes, Quality and Health Services Research Moderated Poster Tour II**

**SECTION 8**

**Moderators:** Lesli Skolarus, MD, Ann Arbor, MI; Bernadette Boden-Albala, DrPH, New York, NY

**Poster Board Number MP85 / Presentation Number T MP85**

Does Pre-Stroke Disability Affect Acute Evaluation, Treatment and Outcomes After Stroke?

Nabeel A Herial, Rema Raman, Karin Ernstom, Karen Rapp, Konrad H Schlick, Royya Modir, Dawn M Meyer, Brett C Meyer, Thomas M Hemmen, Univ of California San Diego, San Diego, CA

**Poster Board Number MP86 / Presentation Number T MP86**

Quality of Stroke Care in India: the Indo-US Stroke Project

Aneesh B Singhal, Massachsetts General Hosp, Boston, MA; PN Syjala, Sree Chitra Thirunal Inst of Medical Sciences and Technology, Trivandrum, India; Subash Kaul, Nizams’ Inst of Medical Sciences, Hyderabad, India; Dheeraj Khurana, Postgraduate Inst of Medical Education & Res, Chandigarh, India; Vasanth Padma, All India Inst of Medical Sciences, New Delhi, India; Tiik K Thankakachan, Massachsetts General Hosp, Boston, MA; Deepthi Arora, Pritty Titus, Christian Medical Coll and Hosp, Lusihana, India; Lee H Schwamm, Massachsetts General Hosp, Boston, MA; Jeyaraj D Pandian, Christian Medical Coll and Hosp, Ludhiana, India

**Poster Board Number MP87 / Presentation Number T MP87**

Comparison of Medicare Claims vs Physician Adjudication for Identifying Acute Strokes in the Women’s Health Initiative

Kamakshi Lakshminarayan, Univ of Minnesota, Minneapolis, MN; Joe Larson, Fred Hutchison Cancer Coordinating Ctr, Seattle, WA; Beth Vining, Univ of Minnesota, Minneapolis, MN; Dale Burwen, Nat Insts of Health, Bethesda, MD

**Poster Board Number MP88 / Presentation Number T MP88**

Algorithms for Identification of Acute Stroke Hospitalizations in Medicare Data

Candace Fuller, Arindam Banerjee, James S Pankow, Kamakshi Lakshminarayan, Univ of Minnesota, Minneapolis, MN

**Poster Board Number MP89 / Presentation Number T MP89**

Development of Patient Reported Spasticity Symptom and Impact Assessment Measures

Christopher Evans, Endpoint and Outcomes Res LLC, Boston, MA; Somali Misra Burgess, Adelphi Values LLC, Boston, MA; Richard Zorzowitz, Johns Hopkins Bayview Medical Ctr, Baltimore, MD; Kari Dunning, Univ of Cincinnati, Dept of Rehabilitation Sciences, Cincinnati, OH; Andrew Yaworsky, Adelphi Values LLC, Boston, MA; Vaidy Ganapathy, Patrick Gillard, Allergan, Inc, Irvine, CA; Brett Kissela, Univ of Cincinnati (UC) Neuroscience Inst, Cincinnati, OH

**Poster Board Number MP90 / Presentation Number T MP90**

Effect of Race and Early Blood Pressure Control on Long-Term Blood Pressure Control and Recurrent Stroke Risk

Mai N Nguyen-Huyh, Lue-Yen Tucker, Kaiser Permanentne, Oakland, CA; Jeff Klingman, Kaiser Permanentne, Walnut Creek, CA; Joseph D Young, Steve Sidney, Kaiser Permanentne, Oakland, CA

**Poster Board Number MP91 / Presentation Number T MP91**

Association of Gender-Age Interaction With Outcome After Intracerebral Hemorrhage in Multiple Ethnicities

Michael James, Duke Univ Med Ctr, Durham, NC; Padmini Sekar, Univ of Cincinnati, Cincinnati, OH; Carl Langfeld, Wake Forest Univ, Winston-Salem, NC; Charles Moomaw, Univ of Cincinnati, Cincinnati, OH; Bradford Worrall, Univ of Virginia, Charlottesville, VA; Kevin Sheth, Univ of Maryland, Baltimore, MD; Michael Frankel, Emory, Atlanta, GA; Sharyl Martin, Jennifer Osborne, Daniel Woo, Univ of Cincinnati, Cincinnati, OH

**Poster Board Number MP92 / Presentation Number T MP92**

Patient Valuation of Each Level of the Modified Rankin Global Disability Scale: Insights from the Stroke Impact Scale

Naparsi A Chaisinanunukul, Sidney Starkman, David Geffen Sch of Med, UCLA, Los Angeles, CA; Scott A Hamilton, Stanford Univ Sch of Med, Stanford, CA; Fiona Chatfield, David Geffen Sch of Med, UCLA, Los Angeles, CA; Robin A Conwit, NINDS/NIH, Bethesda, MD; Jeffrey L Saver, David Geffen Sch of Med, UCLA, Los Angeles, CA

**Poster Board Number MP93 / Presentation Number T MP93**

High 1- to 5-Year Mortality and Morbidity in Stable Patients Without Early Complications After Stroke or TIA

Richard H Swartz, Sunnybrook Health Sciences Ctr, Toronto, ON, Canada; Jining Fang, Inst for Clinical and Evaluative Sciences (ICES), Toronto, ON, Canada; Moira K Kapral, Univ Health Network, Univ of Toronto, Toronto, ON, Canada

**Poster Board Number MP94 / Presentation Number T MP94**

Congestive Heart (or Cardiac) Failure: Risk Factors, Clinical Features and Outcomes in Patients With an Acute Ischemic Stroke

Jitpahpa pongmoragot, Gustavo Sapoznik, St Michael’s Hosp university of tooronto, tooronto, ON, Canada; Douglas Lee, Toronto General Hosp, Univ of Toronto, Toronto, ON, Canada; Tai Hwan Park, Seoul Medical Ctr, Seoul, Korea, Democratic People’s Republic of; Jining Fang, Peter Austin, Inst for clinical evaluative science, Toronto, ON, Canada

**Poster Board Number MP95 / Presentation Number T MP95**

Ethnic Differences In Initial Stroke Severity Vary By Age: The Brain Attack Surveillance In Corpus Christi (BASIC) Project

Jeffrey J Wing, Jonggyu Baek, Brisita N Sanchez, Lynda D Lisabeth, Melinda A Smith, Lewis B Morgenstern, Darin B Zahraneuc, Univ of Michigan, Ann Arbor, MI

**Poster Board Number MP96 / Presentation Number T MP96**

Trends and Variation in Inpatient Discharge to Hospice Among High Stroke Volume Hospitals

Benjamin P George, Adam G Kelly, Univ of Rochester Sch of Med & Dentistry, Rochester, NY; Eric B Schneider, Johns Hopkins Sch of Med, Baltimore, MD; Robert G Holloway, Univ of Rochester Sch of Med & Dentistry, Rochester, NY

**Poster Board Number MP97 / Presentation Number T MP97**

Efficacy of Poststroke Intensive Rosuvastatin Treatment for Aortogenic Embolic Stroke: Episteme Trial

Yui Ueno, Juntendo Univ Urayasu Hosp, Urayasu, Japan; Kazuo Yamashiro, Juntendo Univ Sch of Med, Tokyo, Japan; Yasutaka Tanaka, Masao Watanabe, Juntendo Univ Urayasu Hosp, Urayasu, Japan; Yoshiaki Shimada, Takuma Kuroki, Juntendo Univ Sch of Med, Tokyo, Japan; Nobukazu Miyamoto, Juntendo Univ Urayasu Hosp, Urayasu, Japan; Masao Daimon, Ryota Tanaka, Katsumi Miyayuchi, Hirokuki Daida, Nobukata Hattori, Juntendo Univ Sch of Med, Tokyo, Japan; Takao Urabe, Juntendo Univ Urayasu Hosp, Urayasu, Japan

**Poster Board Number MP98 / Presentation Number T MP98**

Guideline-directed LDL Management Prior to Onset of Acute Ischemic Stroke in Patients with and Without Pre-existing Cardiovascular Disease: Findings from GWGT-stroke

Gustavo Sapoznik, St Michael’s Hosp, Dept of Health Policy, Management and Evaluation, Univ of Toronto, Toronto, ON, Canada; Gregg C Fonarow, Univ of California Los Angeles (UCLA), Los Angeles, CA; Wengin Pan, Adrian F Hernandez, Duke Univ, Durham, NC; Lee Schwamm, Harvard Univ, Boston, MA; Eric E Smith, Univ of Calgary, Calgary, AB, Canada; on behalf of the AHA Get-With-The-Guidelines (GWGT)
Poster Board Number MP99 / Presentation Number T MP99

What Are the Blood Pressure Levels Associated With the Lowest Stroke Rates in the Elderly? Findings From the Reasons for Geographic and Racial Differences in Stroke (regards) Cohort Study

Maciej Banach, Medical Univ of Lodz, Poland, Lodz, Poland; Samantha Brom-Differences in Stroke (regards) Cohort Study Rates in the Elderly? Findings From the Reasons for Geographic and Racial

Poster Board Number MP100 / Presentation Number T MP100

Improving Encounter Frequency, Physician Prescribing, or Patient Adherence – What Works Best for Controlling Blood Pressure? Results From a Validated Micro-Simulation Model

Vafy Fount, Kirsten Bimbins-Domingo, Dhruv Kazi, Pamela Coxson, Univ of California San Francisco, San Francisco, CA; Steve Sidney, Kaiser Permanent, Oakland, CA; Raman Khanna, Univ of California San Francisco, San Francisco, CA; Ronald V. Victor, Cedars-Sinai Heart Inst, Los Angeles, CA; Mark Fletcher, Univ of California San Francisco, San Francisco, CA

Poster Board Number MP101 / Presentation Number T MP101

Association of Obstructive Sleep Apnea and Cardioembolic Stroke: A Retrospective Case Control Study

Melissa C Lipford, Andrew D Calvin, Jay Mandrekar, Virend K Somers, Robert D Brown Jr, Kelly D Fleming, Sean M Caples, Mayo Clinic, Rochester, MN

Poster Board Number MP102 / Presentation Number T MP102

Antithrombotic Therapy After Acute Ischemic Stroke in Patients With Atrial Fibrillation

Emer R McGrath, Massachusetts General Hosp, Boston, MA; Moira K Kapral, Univ of Toronto, Toronto, ON, Canada; Jasmine Fang, Inst for Clinical Evaluative Sciences, Toronto, ON, Canada; John W Eikelboom, McMaster Univ, Hamilton, ON, Canada; Aengus O Conghaile, Harvard Medical Sch, Boston, MA; Michelle Canavan, Martin J O’Donnell, Natt Univ of Ireland, Galway, Galway, Ireland; Ontario Stroke Registry

Poster Board Number MP103 / Presentation Number T MP103

Long-Term Outcomes of Elderly Patients with Intracerebral Hemorrhage and Atrial Fibrillation

Melissa Stamplecoseki, Jasmine Fang, Inst for Clinical Evaluative Sciences, Toronto, ON, Canada; Moira K Kapral, Frank L Silver, Univ of Toronto, Toronto, ON, Canada

Poster Board Number MP104 / Presentation Number T MP104

The Role of Antithrombotic Therapy in Recent Ischaemic Stroke Patients with Atrial Fibrillation: Analysis from VISTA

Azmi H Abdul-Rahim, Rachael L Fulton, Univ of Glasgow, Glasgow, United Kingdom; Frank Benedikt, Univ Hosp Essen, Essen, Germany; Turgut Tattismak, Helsinki Univ Central Hosp, Helsinki, Finland; Maurizio Paciaroni, Valeria Caso, Univ of Perugia, Perugia, Italy; Hans-Christoph Diener, Univ Hosp Essen, Essen, Germany; Kennedy R Lees, Univ of Glasgow, Glasgow, United Kingdom; VISTA Collaborators

Poster Board Number MP105 / Presentation Number T MP105

Relationship Between Compliance With the Lifestyle Modification Program and Risk Factor Control in the Stenting and Aggressive Medical Management for Preventing Recurrent Stroke in Intracranial Stenosis (SAMMPRIS) Trial

Tanya N Turan, MUSC Stroke Program, Charleston, SC; Azhar Nizam, Michael J Lynn, Jean Montgomery, Emory, Atlanta, GA; Colin P Derdeyn, Washington Univ, St Louis, MO; David Fiorella, State Univ of New York – Stony Brook, Stony Brook, NY; Bethany F Lane, Emory, Atlanta, GA; Scott Janis, NINDS, Bethesda, MD; Marc I Chimowitz, MUSC Stroke Program, Charleston, SC; SAMMPRIS Investigators

Poster Board Number MP106 / Presentation Number T MP106

Impact of Enrollment Volume on Risk Factor Control and Outcomes in the SAMMPRIS Trial

David Chiu, Richard P Klucznik, Houston Methodist Hosp, Houston, TX; Tanya N Turan, Medical Univ of South Carolina, Charleston, SC; Michael J Lynn, Azhar Nizam, Emory Univ, Atlanta, GA; Colin P Derdeyn, Washington Univ Sch of Med, St Louis, MO; David Fiorella, State Univ of New York, Stony Brook, NY; Bethany F Lane, Jean Montgomery, Emory Univ, Atlanta, GA; Lawrence B Katz, C David McCane, Houston Methodist Hosp, Houston, TX; L Scott Janis, Natl Inst of Neurological Disorders and Stroke, Bethesda, MD; Marc I Chimowitz, Medical Univ of South Carolina, Charleston, SC; SAMMPRIS Investigators

Poster Board Number MP107 / Presentation Number T MP107

Ischemic Strokes While on Aspirin: Initiation of Clopidogrel Is Better than Re-initiation of Aspirin for Prevention of Future Vascular Events

Meng Lee, Dept of Neurology, Chang Gung Univ and Memorial Hosp, Chiayi, Taiwan; Yi-Ling Wu, Deparment of Neurology, Chang Gung Univ and Memorial Hosp, Chiayi, Taiwan; Jeffrey L. Saver, UCLA Stroke Ctr, Los Angeles, CA; Hseu-Chen Lee, Yang Ming Univ, Taipei, Taiwan; Jian-Der Lee, Dept of Neurology, Chang Gung Univ and Memorial Hosp, Chiayi, Taiwan; Ku-Chou Chang, Dept of Neurology, Chang Gung Univ and Memorial Hosp, Kaohsiung, Taiwan; Chih-Ying Wu, Dept of Neurology, Chang Gung Univ and Memorial Hosp, Chiayi, Taiwan; Tsong-Hai Lee, Dept of Neurology, Chang Gung Univ and Memorial Hosp, Linkou, Taiwan; Hui-Hsuan Wang, Dept of Health Care Mangement, Chang Gung Univ, Taoyuan, Taiwan; Bruce Ovbiagele, Dept of Neuroscience, Univ of South Carolina, Charleston, SC

Poster Board Number MP108 / Presentation Number T MP108

A Concentration Response Relationship Between the Active Metabolite of Clopidogrel and its Antiplatelet Activity

Stephen Wolff, Francis Gengo, Erica S Westphall, Michelle Rainika, Vernice Bates, Dent Neurologic Inst, Amherst, NY

Poster Board Number MP109 / Presentation Number T MP109

Tocotrienol Induces TIMP1 Expression and Pro-arteriogenic Remodeling of Cerebrovascular Collaterals

Savita Khanna, Mallory Heigel, Surya Gnyawali, Chandan K Sen, Cameron Rink, The Ohio State Univ Wexner Medical Ctr, Columbus, OH

Poster Board Number MP111 / Presentation Number T MP111

Gpr124 Regulates Post-Stroke Cerebrovascular Integrity

Michael Mancuso, Junlei Chang, Carolina Maier-Albers, Cynthia Kosinski, Xibin Liang, Pak Chang, Katrin Andressen, Calvin Kuo, Stanford Univ, Stanford, CA

Poster Board Number MP112 / Presentation Number T MP112

Cerebral Infarction And Brain Arterial Pathology In Hiv: Results From The Brain Arterial Remodeling Study (bars)

Jose Gutierrez, Mitchell SV Elkind, Neurological Inst, New York, NY; Maria Pizzirusso, Mount Sinai Sch of Med, New York, NY; James Goldman, Neurological Inst, New York, NY; Christina Chon, Jacinta Murray, Mount Sinai Sch of Med, New York, NY; Andrew J Dwork, Neurological Inst, New York, NY; Susan Morgello, Mount Sinai Sch of Med, New York, NY; Randolph S Marshall, Neurological Inst, New York, NY

Poster Board Number MP113 / Presentation Number T MP113

Symptoms During Carotid Sinus Massage, but not the Magnitude of Haemodynamic Change, are Associated with White Matter Lesions in Later Life

Caire McDonald, Michael Firbank, Ieuan Lewis, Newcastle Univ, Newcastle upon Tyne, United Kingdom; Mark Pearce, Inst of Health and Society, Newcastle upon Tyne, United Kingdom; Simon Kerr, Andrew Blamire, Julia Newton, Newcastle Univ, Newcastle upon Tyne, United Kingdom

Poster Board Number MP114 / Presentation Number T MP114

PPARγ in Endothelial Cells Plays an Essential Role in Protecting Against Vascular Aging: Role of Oxidative Stress and Rho Kinase

Dale Kintzbaw, T Micheal De Silva, Curt Sigmund, Frank M Faraci, Univ of Iowa Coll of Med, Iowa City, IA

Poster Board Number MP115 / Presentation Number T MP115

Association Between Cerebral Large/Small Vessel Disease and Incident Dementia in Patients with Vascular Risk Factors — Sub-analysis of OSAC2 follow-up study

Kazuo Kitagawa, Kaori Miwa, Yoshiki Yagita, Shuhei Okazaki, Manabu Sakaguchi,Hideki Mochizuki, Osaka Univ Medical Sch, Osaka, Japan

Poster Board Number MP116 / Presentation Number T MP116

Cognitive State Following Stroke: The Predominant Role of The Preexisting White Matter Changes

Efrat Kliper, Einar Ben Assayag, Shani Shenhar-Tsarfaty, Tel Aviv Sourasky Medical Ctr, Tel-Aviv, Israel; Ricardo Tarrasch, Jaime and Joan Constantiner Sch of Education, Tel-Aviv, Israel; Hen Hallevi, Tel Aviv Sourasky Medical Ctr, Tel-Aviv, Israel; Amos Korczyn, Tel Aviv Univ, Tel-Aviv, Israel; Natan Bornstein, Dafna Ben Bashat, Tel Aviv Sourasky Medical Ctr, Tel-Aviv, Israel
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<td>Rahul Karamchandani, Farhaan Vahidy, Suhas Bajgur, Univ of Texas Health Science Ctr at Houston, TX; Kim Yen Thi Vu, Memorial Hermann Hosp, Houston, TX; H Alex Choi, Adeolu Oladunjoye, Robert Kirk Hamilton, Sean Savitz, Univ of Texas Health Science Ctr at Houston, Houston, TX</td>
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<td>Microinfarct Disruption of Cerebral White Matter: A Longitudinal Diffusion Tractography Analysis</td>
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<td>Eitan Auriel, Yael Reijmar, Brian Edlow, Panagiotis Fotiadis, Sergi Martinez-Ramirez, Ni Jun, Anne Reed, Anastasia Vashkevich, Kristin Schwab, Anand Viswanathan, Mahmud Edip Gurrol, Steven M Greenberg, J Philip Kistler Stroke Res Ctr, Massachusetts General Hosp, Boston, MA</td>
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<td>Forced Swim Test as an Index of Post-Stroke Depression in Rats</td>
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<td>Allison Kunze, Dannielle Zierath, Tessa Barclay, Kyra J Becker, Univ of Washington, Seattle, WA</td>
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<td>Poster Board Number</td>
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<td>Bone Morphogenetic Protein Expression in Pericytes Is a Pathological Correlate of Vascular Cognitive Impairment</td>
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<td>Maiko Uemura, Kyoto Univ, Kyoto, Japan; Masafumi Ihara, Kazuyuki Nagatsu, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan; Ayae Kinoshita, Ryosuke Takahashi, Kyoto Univ, Kyoto, Japan</td>
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<td>Claude Z Simonsen, Leif H Sørensen, Sanja Karabegovic, Niels Juul, Grethe Andersen, Aarhus Univ Hosp, Aarhus, Denmark</td>
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<td>Poster Board Number</td>
<td>Presentation Number P2</td>
<td>Critical Delays In Intra-Arterial Therapy and Opportunities for Improvement</td>
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<td>Amir R Honarmand, Shyam Prabhakaran, Maryam Soltanolkotabi, Farnoosh Feiz, Northwestern Univ Feinberg Sch of Med, Chicago, IL; Ryan Beck, Carolyn Beck, Northwest Community Hosp, Chicago, IL; Vivien H Lee, James Connors, Rush Univ Medical Ctr, Chicago, IL; Michael C Hurley, Yvonne M Curran, Ali Shaihani, Sameer A Ansari, Northwestern Univ Feinberg Sch of Med, Chicago, IL</td>
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<td>The Impact of Mechanical Thrombectomy in Patients Over 80 Years of Age</td>
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<td>Mark R Villwock, Amit Singla, David J Padalino, Eric M Deshaies, SUNY Upstate Medical Univ, Syracuse, NY</td>
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<td>Poster Board Number</td>
<td>Presentation Number P4</td>
<td>Is HbA1c a Predictor of Outcome in Ischemic Stroke Patients Who Undergo Intra-Arterial Treatment?</td>
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<td>Anne C Tita, Mouhammad A Jumaa, Kavit B Shah, Syed F Zaidi, Univ of Toledo, Toledo, OH</td>
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<td>Poster Board Number</td>
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<td>Endovascular Therapy with Solitaire Flow Restoration Device after Intravenous t-PA versus t-PA Alone for Stroke</td>
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<td>Thang H Nguyen, Binh Nguyen Pham, Truong Le Anh, Ngo Ba Minh, Tran Thanh Vu, Khanh Duc Nguyen, People’s 115 Hosp, Ho Chi Minh, Viet Nam</td>
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<td>Comparison of Large Vessel Stroke Patient Outcomes Before and After Initiation of On-Site Endovascular Stroke Treatment Services</td>
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<td>Yamin Shwe, Beth Israel Medical Ctr, New York, NY; Santiago Ortega-Gutierrez, Ahmed Otokiti, David Altschul, Srinivasan Paramasivam, Alejandro Berenstein, Johanna T Fifi, Roosevelt Hosp, New York, NY</td>
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<td>Poster Board Number</td>
<td>Presentation Number P9</td>
<td>Predictive Value of NIHSS for the Hyperdense Artery Sign</td>
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<td>Amy K Guzik, Wake Forest Baptist Health, Winston-Salem, NC; Rema Raman, Karin Ermstrom, Dawn M Meyer, Karen S Rapp, Brett C Meyer, Thomas M Hemmen, UC San Diego, San Diego, CA</td>
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<tr>
<td>Poster Board Number</td>
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<td>Hounsfield Unit Value and Clot Length in the Acutely Occlusive Vessel and Time Required to Achieve Thrombectomy, Complications and Outcome</td>
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<td>Alejandro Spottis, Jan Vargas, Harris Hawk, Raymond Turner, Imran Chaudhry, Holly Battenhouse, Holly Battenhouse, Aquilla Turk, Medical Univ of South Carolina, Charleston, SC</td>
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<tr>
<td>Poster Board Number</td>
<td>Presentation Number P11</td>
<td>Motor Component of National Institute of Health Stroke Scale Effect on Functional Outcome and Mortality at Discharge in Patient Receiving Endovascular Therapy</td>
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<td>Haitham Dababneh, Asif Bashir, Mohammed Hussain, Sara Misthal, mohammad moussavi, Jawad Kirmani, JFK New Jersey Neuroscience Inst, Edison, NJ</td>
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**Acute Endovascular Treatment Posters II**

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<td>Poster Board Number</td>
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<td>Higher Recanalization Rate with Stentreivers, but Outcome Not Improved</td>
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<td>Claire Z Simonsen, Leif H Sørensen, Sanja Karabegovic, Niels Juul, Grethe Andersen, Aarhus Univ Hosp, Aarhus, Denmark</td>
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**Poster Session II**

**Thursday, February 13**

6:15 PM – 6:45 PM

**Hall G**

These posters are not included in the Thursday 5:15 Professor-Led Poster Tour Session.
Poster Board Number P13 / Presentation Number T P13
Reversed Ischemic Attack (Ria): Proposal for a New Terminology in the Era of Thrombolytic Therapy
Tudor Jovin, Brian Jankowitz, Ashutosh P JadHAV, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA

Poster Board Number P14 / Presentation Number T P14
Multi-modality Treatment of Acute Ischemic Strokes Improves Patient Outcome at Discharge vs Infratentorial Tissue Plasminogen Activator
Halitham Bababneh, Asif Bashir, Mohammed Hussain, Sara Mithal, Mohammad Moussavi, Jawad F Kirmani, JFK New Jersey Neuroscience Inst, Edison, NY

Poster Board Number P15 / Presentation Number T P15
Could Intra-Arterial Thrombolysis Safely Enhance Efficacy of Mechanical Thrombectomy for Acute Ischemic Stroke?
Yi Zhang, Saint Louis Univ, Saint Louis, MO; Adam Kelly, Wan Tang, Robert Griggs, Henry Wang, Babak Jahromi, Kate Young, Curtis Benesch, Univ of Rochester, Rochester, NY

Poster Board Number P16 / Presentation Number T P16
Availability of Endovascular Services at Primary Stroke Centers
Mark J Alberts, UT Southwestern Medical Ctr, Dallas, TX; Jean Range, Bill Spencer, Vicki Cantwell, M J Hampel, The Joint Commission, Oakbrook Terrace, IL

Poster Board Number P17 / Presentation Number T P17
Full Revascularization in Patients With Acute Stroke After Treatment With Mechanical Thrombectomy
Zhong-Song Shi, Dept of Neurosurgery, First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou, China; Bin Xiang, Prospect Analytical, Inc, San Jose, CA; Sijian Grace Ge, Stryker Neurovascular, Fremont, CA; Gary Duckwill, Div of Interventional Neuroradiology, Ronald Reagan UCLA Medical Ctr, Los Angeles, CA; for the MERCI and Multi MERCI Investigators

Poster Board Number P18 / Presentation Number T P18
Development of A SPECT-Based Objective Evaluating System for Therapeutic Effect of Acute Endovascular Therapy
Teruyuki Hirano, Oita Univ Faculty of Med, Yufu, Japan; Masaki Watanabe, Yutaka Kai, Kumamoto Univ Faculty of Med, Kumamoto, Japan; Hiroyuki Kawano, Toshiro Yonehara, Saiseikai Kumamoto Hosp, Kumamoto, Japan

Poster Board Number P19 / Presentation Number T P19
“Futile” Interhospital Transfer for Endovascular Recanalization Treatment in Acute Ischemic Stroke: The Madrid Stroke Network
Blanca Fuentes, LA Paz Univ Hosp IdiPAZ Health Res Inst, Madrid, Spain; Maria Alfonso de Lecliffane, Ramon y Cajal Univ Hosp IRYCIS Health Res Inst, Madrid, Spain; Alvaro Ximenez-Carrillo, LA Princesa Univ Hosp, Madrid, Spain; Patricia Martinez-Sanchez, LA Paz Univ Hosp IdiPAZ Health Res Inst, Madrid, Spain; Antonio Cruz-Cubela, Ramon y Cajal Univ Hosp IRYCIS Health Res Inst, Madrid, Spain; Gustavo Zapata, La Princesa Univ Hosp, Madrid, Spain; Gerardo Ruiz-Ares, LA Paz Univ Hosp IdiPAZ Health Res Inst, Madrid, Spain; Jaime Masjuan, Ramon y Cajal Univ Hosp IRYCIS Health Res Inst, Madrid, Spain; Jose Vivanco, LA Princesa Univ Hosp, Madrid, Spain; Exequiel Diez-Tejedor, LA Paz Univ Hosp IdiPAZ Health Res Inst, Madrid, Spain; Madrid Stroke Network

Poster Board Number P20 / Presentation Number T P20
Correlation Between Whole Brain Ct Perfusion Maps And Non-contrast Ct Alberta Stroke Program Early Ct Score (aspects) In Patients Undergoing Acute Endovascular Stroke Interventions
Simon Morr, Maxim Mokin, Ashish Sonig, Kenneth Snyder, Adnan Siddiqui, Elad Levy, Univ at Buffalo, Buffalo, NY

Poster Board Number P21 / Presentation Number T P21
Improved Ischemic Stroke Outcomes After Intra-Arterial Interventions Associated With Higher HDL Cholesterol
Ali Sultan-Quraie, Adam de Havenon, David L Tirschwell, Deepak Sharma, Basavaranj Ghotde, Danial Hallam, Louis Kim, Kyra J Becker, Univ of Washington, Seattle, WA

Poster Board Number P22 / Presentation Number T P22
Intra-procedural Heparin Increases Mortality and Reduces Rates of Favorable Outcome in Acute Ischemic Stroke Patients Undergoing Endovascular Treatment
Vishal B Jani, Michigan State Univ, East Lansing, MI; Aween Saed, Tanya Mohindroon, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN; Moustaq Qureshi, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN; Sayed Hussain, Michigan State Univ, East Lansing, MI; Fareed Suri, Adnan I Qureshi, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN

Poster Board Number P23 / Presentation Number T P23
Endovascular Treatment of Stroke in Elderly Patients: Comparison With Conventional Thrombolysis and Best Medical Treatment
Mohammad H El-Ghanem, Rutgers New Jersey Medica Sch, Newark, NJ; Charles J Prestigiacomo, Rutgers New Jersey Medica Sch, Newark, NJ; Chirag D GANDHI, E Jesus Duffis, Rutgers New Jersey Medica Sch, Newark, NJ

Poster Board Number P24 / Presentation Number T P24
Endovascular Thrombectomy in Non-Intubated Patients for Basilar Artery Occlusive Disease is Associated With Improved Outcomes
Ashutosh P Jadhav, Matthew Starr, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Mohammad Juuma, Zaidy Syed, Univ of Toledo Medical Ctr, Toledo, OH; Maxim Hammer, Vivek Reddy, Brian Jankowitz, Lawrence Wechsler, Tudor Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA

Poster Board Number P25 / Presentation Number T P25
Poor Collateralizes Necessitate Early Reperfusion: Relationship Between Time to Reperfusion, Collateral Flow, and Clinical Outcome
Yang-Ha Hwang, Dong-Hun Kang, Yong-Won Kim, Yong-Sun Kim, Kyungpoon Nati Univ Hosp, Daegu, Korea, Republic of

Poster Board Number P26 / Presentation Number T P26
Predictors of Clinical and Angiographic Outcomes in Acute Stroke Subtype: Subgroup Analysis From the Star Study
Vitor Mendes Pereira, Univ Hosp of Geneva, Geneva, Switzerland; Rene Chapot, Alfred Krupp Krankenhaus, Essen, Germany; Anthony Davalos, Hosp Univeri Germans Trias i Pujol, Badalona, Barcelona, Spain; Alan Bomar, CHU de Montpellier – Guy de Chauliac, Montpellier, France; Carlos Castano, Hosp Univeri Germans Trias i Pujol, Badalona, Barcelona, Spain; Paul Nogueira, Emory Univ, Atlanta, CA; David liebeskind, UCLA, Los Angeles, CA; Mayank Goyal, Univ of Calgary – Foothills Medical Ctr, Calgary, AB, Canada; Scott Brown, Covidien, Irvine, CA, Antonio Moreno, Hosp Virgen de la Arrixaca, Murcia, Spain; Michael Besselman, Klinikum Osnabruck GmbH Standort Finkenhügel, Osnabruck, Germany; Marcel Arnold, Inselspital, Bern, Switzerland; Roman Sztafel, Univ Hosp of Geneva, Geneva, Switzerland; Gerhard Schrott, Inselspital, Bern, Switzerland; Karl-olof Lovblad, Univ of Geneva, Geneva, Switzerland; Thomas Liebig, Uniklinik Koenig, Koeln, Germany; Jan Gralla, Inselspital, Bern, Switzerland

Acute Neuroimaging Posters II
T P27 – T P46

Poster Board Number P27 / Presentation Number T P27
Arterial Spin-Labeled Perfusion Imaging to Predict Mismatch in Acute Ischemic Stroke
Takehya Nibol Sr, Miyazaki Prefectural Miyazaki Hosp, Miyazaki City, Japan; Hajime Ohta, Miyakonojo Medical Association Hosp, Miyakonojo City, Japan; Kazuma Yonenaga, Ichiroku Ikushima, Shirou Miyata, Miyakonojo Regional Medical Ctr, Miyakonojo City, Japan; Hideo Takeda, Univ of Miyazaki, Miyazaki City, Japan

Poster Board Number P28 / Presentation Number T P28
Brain MRI FLAIR Signal Intensity Ratio Is Correlated With Matrix Metalloproteinase-9 Level In Acute Ischemic Stroke
Ruchina M Jha, Thomas W Batty, Ly Pham, Hannah Irvine, Massachusetts General Hosp, Boston, MA; Karen Fure, Brown Univ, Providence, RI; Kevin Sheftel, Yale Sch of Med, New Haven, CT; William Taylor Kimberly, Massachusetts General Hosp, Boston, MA

Poster Board Number P29 / Presentation Number T P29
Arterial-Spin Labeled MRI After Endovascular Stroke Therapy: Validation of a Novel Scale to Quantify the Degree and Heterogeneity of Reperfusion

Poster Board Number P30 / Presentation Number T P30
Novel Algorithm for the Prediction of Motor Recovery of Upper Limb and Finger Using Diffusion Tensor Imaging after Stroke
Shunuske Ishizaka, Akira Nakashima, Yohei Hamauoe, Tetsuji Koizumi, Tadashi Shimizu, Nobutoshi Ryo, Juzenkai hospital, Nagasaki City, Japan

Poster Board Number P31 / Presentation Number T P31
Microembolus (MES) Detection by TCD in Acute Stroke Service
Aftab Ahmad, Carol Derksen, Esseddege Ghrooda, Ghazala Basir, Khurshid Khan, Ashfaq Shuaib, Maher Saqur, Univ of Alberta Hosp, Edmonton, AB, Canada
Poster Board Number P32 / Presentation Number T P32
Computer Aided Detection of Asymptomatic Cerebral Microbleeds on Magnetic Resonance Images
Yan Li, Peking Univ, Beijing, China; Yining Huang, Peking Univ First Hosp, Beijing, China; Jue Zhang, Jing Fang, Peking Univ, Beijing, China

Poster Board Number P33 / Presentation Number T P33
Collateral Grade on MRI – Validation With Conventional Angiography is Key
Kwan L Ng, Jeffrey L Saver, Jeffrey R Alger, Fabien Scalzo, Noriko Salamon, Bryan Yoo, Sidney Starkman, Latisha K Ali, Neal Rao, Jason Himin, Mateo Calderon-Arnulphi, Royya Modir, Aaron Tansy, Conrad W Liang, Sunil A Sheth, Alireza R Noorliz, Paul Vespa, Manuel B Blanco, Reza Jahan, Fernando Vinuela, Gary R Duckwiler, Satoshi Tateshima, Norset Gonzalez, David S Liebeskind, UCLA Medical Ctr, Los Angeles, CA

Poster Board Number P34 / Presentation Number T P35
Residual Contrast Enhancement of Middle Cerebral Artery on Non-contrast CT (ncc) After Endovascular Treatment in Ischemic Stroke Patients
Seyedmehdii Payabvash, Univ of Minnesota, Minneapolis, MN; Mstbtag H Qureshi, Shahram Majidi, Adrian I Qureshi, Zeenat Qureshi Stroke Ctr, CentraCare Health, St Cloud, MN

Poster Board Number P35 / Presentation Number T P35
Baseline Diffusion Weigted Imaging Lesion Volume Predicts Disappearance of Infarct on Fluid Attenuated Inverse Recovery Sequences Within 30 Days of TIA/Minor Stroke
Paminian Riaz, Mahesh Kate, Leka Sivakumar, Derek Emery, Kenneth Butcher, Univ of Alberta, Edmonton, AB, Canada

Poster Board Number P36 / Presentation Number T P36
Classification Of Hemorrhagic Transformation By ECASS II Criteria More Severe On MRI Than CT
Amie W Hsia, NIH/NINDS; Medstar Washington Hosp Ctr, Washington, DC; Marie Luby, Jordan Farber, NIH/NINDS, Bethesda, MD; José G Merino, NIH/NINDS; Johns Hopkins Community Physicians, Bethesda, MD; Zurab Nadareishvili, NIH/NINDS; Suburban Hosp, Bethesda, MD; Steven Warach, NIH/NINDS; Seton/Univ of Texas Southwestern, Austin, TX; Lawrence L Latour, NIH/NINDS, Bethesda, MD

Poster Board Number P37 / Presentation Number T P37
Cerebral Blood Volume Does Not Differentiate Regions With Persistent Cerebral Hypoperfusion That Infarct From Those That Survive: A DEFUSE 2 Substudy
Sharan K Mann, Soren Christensen, Mylon Albers, Stanford Stroke Ctr, Stanford, CA; THE DEFUSE 2 Investigators

Poster Board Number P39 / Presentation Number T P39
Leptomeningeal Collaterals in Patients with Proximal Middl Cerebral Artery Occlusion are Associated with Milder Stroke and Better Functional Outcome after Fibrinolysis
Charlotte R Trampedach, Christian Ovesen, Anders F Christensen, Hanne K Christensen, Bispebjerg Univ Hosp, Copenhagen, Denmark

Poster Board Number P40 / Presentation Number T P40
Pre-Treatment Hyperdense Middl Cerebral Artery Sign Predicts the Outcome of Intra-Arterial Thrombectomy for Acute Stroke
Shumel Man, M Shazam Hussain, Dolora Wisco, Esteban Cheng-ching, Ken Uchino, Cerebrovascular Ctr, Neurological Inst, Cleveland Clinic, Cleveland, OH

Poster Board Number P41 / Presentation Number T P41
Determination of Collateral Supply Patterns Using MR or CT Perfusion Imaging
Chhat Eldeniz, Yueh Lee, Univ of North Carolina Chapel, Chapel Hill, NC; Maria Giese Matheus, Medical Univ of South Carolina, Charleston, SC; Jeffery Keith Smith, James Cihat Eldeniz, Yueh Lee, Univ of North Carolina Chapel, Chapel Hill, NC

Poster Board Number P42 / Presentation Number T P42
Patients With a Clinical Diagnosis of Non-disabling Stroke, and a Normal MRI are Clinically Indistinguishable From Patients With a MRI Lesion at 1 Year Post Stroke
Stephen Makin, Martin Dennis, Joanna M Wardlaw, Univ of Edinburgh, Edinburgh, United Kingdom

Poster Board Number P43 / Presentation Number T P43
Detection of Advanced Leukoaraiosis Does Not Augment Imaging-Enhanced Prediction of Early Stroke Risk in Transient Ischemic Attack
Matthew S Siket, Janette Baird, Alpert Medical Sch of Brown Univ, Providence, RI; Hakan Ay, Harvard Medical Sch, Boston, MA

Poster Board Number P44 / Presentation Number T P44
Relative Cerebral Blood Volume As a Marker Of Durable Tissue-At-Risk Viability In Hyperacute Ischemic Stroke
Ana I Calleja, Elisa Cortijo, Pablo Garcia-Bermejo, Mario Martinez-Galdamez, Santiago Perez-Fernandez, Javier Reyes, M Fe Muñoz, Juan F Arenillas, Hosp Clinico Univivo de Valladolid, Valladolid, Spain

Poster Board Number P45 / Presentation Number T P45
Task Fmri Based Functional Connectivity in Acute Stroke Patients With and Without Motor Impairments
Veenaa A Nair, Christian La, Brittany M Young, Mathew Andreoli, Peter Reiter, Matthew B Jensen, Marcus Chacon, Justin Sattin, Vivek Prabhakaran, Univ of Wisconsin-Madison, Madison, WI

Poster Board Number P46 / Presentation Number T P46
Absence of a Very Low Cerebral Blood Volume (VLCBV) Lesion Identifies Patients Who Are Unlikely to Have Hemorrhagic Transformation After Delayed Endovascular Reperfusion
Nishant Kumar Mishra, Stanford Stroke Ctr, Stanford Univ, Stanford, CA; Soren Christensen, Stanford Stroke Ctr, Stanford, CA; Matus Straka, Kantonsipital Winterthur, Winterthur, Switzerland; Michael Mlynash, Stanford Stroke Ctr, Stanford, CA; Roland Bammer, Stanford Univ, Stanford, CA; Michael Marks, Stanford Univ Medical Ctr, Stanford, CA; Gregory W Albers, Maarten Lansberg, Stanford Stroke Ctr, Stanford, CA

Poster Board Number P47 / Presentation Number T P47
Response To Thrombolyis In Ischemic Stroke Depends On The Presence Of Initial Arterial Occlusion
Freidrich Medlin, CHUV, Lausanne, Switzerland; Michael Amiguet, Inst of Social and Preventive Med, Lausanne, Switzerland; Peter Vanacker, Patrik Michel, CHUV, Lausanne, Switzerland

Poster Board Number P48 / Presentation Number T P48
Intravenous Thrombolysis Using Low-Dose Alteplase for Nonagenarians with Acute Ischemic Stroke: The SAMURAI rtPA Registry
Mikoto Hayakawa, Masatoshi Koga, Shoichiro Sato, Shoji Arihiro, Natt Cerebral and Cardiovascular Ctr, Osaka, Japan; Yoshiaki Shikawa, Kyorin Univ Sch of Med, Mitaka, Japan; Yoji Nakagawara, Nakamura Memorial Hosp, Sapporo, Japan; Eisuke Furi, Kohnan Hosp, Sendai, Japan; Kazumi Kimura, Kasawasaki Medical Sch, Kurashiki, Japan; Yasuhiro Hasegawa, St Marianna Univ Sch of Med, Kawasaki, Japan; Hiroshi Yamagami, Kobe City Medical Ctr General Hosp, Kobe, Japan; Yasushi Okada, Natt Hosp Organization Kyouyu Medical Ctr, Fukuoka, Japan; Satoshi Okuda, Natt Hosp Organization Nagoya Medical Ctr, Nagoya, Japan; Kazuomi Kario, Jichi Medical Univ Sch of Med, Shimotsuke, Japan; Kazuo Minematsu, Kazunori Toyoda, Natt Cerebral and Cardiovascular Ctr, Osaka, Japan

Poster Board Number P49 / Presentation Number T P49
Improving Outcome of Placebo- but not Albumin-Treated Subjects Over the Course of the ALIAS Part 2 Multicenter Trial: Differential Influence of Thrombolytic Therapy
Myron D Ginsberg, Univ of Miami Miller Sch of Med, Miami, FL; Michael D Hill, Univ of Calgary, Calgary, AB, Canada; Claudia S Moy, Natl Inst of Neurological Disorders and Stroke, Bethesda, MD; William G Barsan, Univ of Michigan, Ann Arbor, Mt; Diego Tamariz, Univ of Miami Miller Sch of Med, Miami, FL; Karla J Ryckborst, Univ of Calgary, AB, Canada

Poster Board Number P50 / Presentation Number T P50
ASTRAL-R score Predicts absence of Recanalization after Intravenous Thrombolysis in Acute Ischemic Stroke
Peter Vanacker, Dimitris Lambrou, Univ Hosp, Lausanne, Switzerland; Mirjam Heldner, Inselspital, Bern, Switzerland; David Seiffge, Univ Hosp, Basel, Switzerland; Hubertus Mueller, Univ Hosp, Geneve, Switzerland; Ashraf Eskandari, Univ Hosp, Lausanne, Switzerland; George Ntaios, Univ Hosp of Thessaly, Larissa, Greece; Pascal J Mosimann, Univ Hosp, Lausanne, Switzerland; Roman Szatziol, Vitor Mendes Pereira, Univ Hosp, Geneve, Switzerland; Patrick Cras, Univ Hosp, Antwerp, Belgium; Stefan Engelter, Philippe Lyser, Univ Hosp, Basel, Switzerland; Urs Fischer, Marcel Arnold, Inselspital, Bern, Switzerland; Patrik Michel, Univ Hosp, Lausanne, Switzerland
Poster Board Number P76 / Presentation Number T P76
The Role of PGF2-alpha FP Receptor in a Mouse Model of Intracerebral Hemorrhage
Shekher Mohan, Univ of Florida, Gainesville, FL; Shuh Narumiya, Kyoto Univ, Kyoto, Japan; Sylvain Dore, Univ of Florida, Gainesville, FL

Poster Board Number P68 / Presentation Number T P68
Delayed Progestosterone Treatment Improves Long-Term Recovery of Function Following Permanent Stroke in Older Rats
Bushra Walli, Tauheed Ishrat, Soonmi Won, Iqbal Sayeed, Donald Stein, Emory Univ, Atlanta, GA

Poster Board Number P69 / Presentation Number T P69
Stroke Induces HDAC4 Nuclear Shuttling in Neurons
Halfa Kassis, Michael Chopp, Amjad Shehadah, Xian Shuang Liu, Yi Zhang, Cynthia Roberts, Zheng Gang Zhang, Henry Ford Hosp, Detroit, MI

Poster Board Number P70 / Presentation Number T P70
Resolving the Relative Contribution of Resident Microglia versus Infiltrating Macrophages in the Ischemic Brain After Stroke
Rodney Ritzel, Anita Patel, Louise McCullough, Univ of Connecticut Health Ctr, Farmington, CT

Poster Board Number P71 / Presentation Number T P71
Meningeal-Derived IL-6 Exacerbates Post-Stroke Inflammation and Pathology
Ahmet Arac, Stanford Univ, Stanford, CA; Michelle A Grimaldi-Baeston, Ctr for Cancer Biology, Adelaide, Australia; Oluwatobi Olayiwoya, Mindy Tsai, Stephen J Galli, Tonya M Bliss, Gary K Steinberg, Stanford Univ, Stanford, CA

Poster Board Number P73 / Presentation Number T P73
Peri Infarct N-Acetylaspartic Acid Predicts White Matter Atrophy After Ischemic Stroke
Nawaf Yassi, Andrew Bivard, Bruce C Campbell, Univ of Melbourne, Parkville, Australia; Oluwatobi Olayiwoya, Mindy Tsai, Stephen J Galli, Tonya M Bliss, Gary K Steinberg, Stanford Univ, Stanford, CA

Poster Board Number P74 / Presentation Number T P74
Metabolic Analysis Reveals Novel Small Molecule Plasma Markers of Hyperacute Ischemic Stroke
Wenjun Deng, Chris Beecher, Charles Burant, Felice De Jong, Mary Lopez, Thomas Wickham, Mikaela Elia, Kathleen Feeney, David McMullen, Ferdinand S Buonanno, Eng H Lo, MingMing Ning, Massachusetts General Hosp, Boston, MA

Poster Board Number P75 / Presentation Number T P75
Temporal Profiles of Plasminogen Activator Inhibitor-1 Concentration and Activity Changes in Circulation after Focal Stroke and Tissue Type Plasminogen Activator Administration in Rats
Qi Liu, Xiang Fan, Mass General Hosp, Charlestown, MA; Helen Brogren, The Sahlgrenska Acad at Univ of Gothenburg, Gothenburg, Sweden; Ming-Ming Ning, Eng H Lo, Zhanyang Yu, Xiuying Wang, Mass General Hosp, Charlestown, MA

Poster Board Number P76 / Presentation Number T P76
Human Neural Stem Cells Rapidly Ameliorate Symptomatic Inflammation In Ischemic-Reperfusion Cerebral Injury
Lei Huang, Tulane Univ Medical Sch, New Orleans, LA; Evan Snyder, Sanford-Burnham Medical Res Inst, La Jolla, CA; Jean-Pyo Lee, Tulane Univ Medical Sch, New Orleans, LA

Poster Board Number P77 / Presentation Number T P77
Synergistic Effects of Platelet Lysate and Granulocyte-Colony Stimulating Factor on Safe and Rapid Expansion of Human Bone Marrow Stromal Cells for Ischemic Stroke
Tomohiro Yamashita, Hokkaido Univ, Sapporo, Japan; Satoshi Kuroda, Univ of Toyama, Toyama, Japan; Hisayasu Saito, Hiroharu Kataoka, Koji Iihara, Natl Cerebral and Cardiovascular Ctr, Sapporo, Japan

Poster Board Number P78 / Presentation Number T P78
Remote Ischemic Conditioning (RIC), a Combined Regimen of Per- and Post-Conditionings (RIR orc and RIRpost), Provides Long-term Motor and Cognitive Benefits in Murine Embolic Stroke Model (eMCAO)
Md Nasrul Hoda, Mohammad B Khan, Chandramohan G Wakade, Adyve Ergul, Georgia Regents Univ, Augusta, GA; Susan C Fagan, Univ of Georgia, Augusta, GA; David C Hess, Georgia Regents Univ, Augusta, GA

Poster Board Number P79 / Presentation Number T P79
Molecular Disorganization of Axons Adjacent to Subcortical Stroke in Hereditary Endotheliopathy With Retinopathy, Nephropathy, and Stroke; an Imaging to Molecular Neuropathology Correlation
Jason D Hinman, Monica D Lee, Spencer Tung, Joanna C Jen, Harry V Vinters, S Thomas Carmichael, Univ of California Los Angeles, Los Angeles, CA

Poster Board Number P80 / Presentation Number T P80
Correlates of Spleen Volume After Stroke
Nina L Chiu, Brian Kaiser, Y-Vien Nguyen, Kimia Aubin, Rebecca Flores, Susan Welbourne, Chandana Lall, Steven C Cramer, Univ of California, Irvine, Irvine, CA

Poster Board Number P81 / Presentation Number T P81
Long-Term Activity Levels Vary by Rat Strain Following Stroke: A Disruption of the Circadian Rhythm?
Allison Kunze, Dannielle Zierath, Olga Drogoimiretskiy, Brett Jaspers, Tessa Barclay, Kyra J Becker, Univ of Washington, Seattle, WA

Poster Board Number P82 / Presentation Number T P82
Long-Term Neurorestorative Effect of α-lipoic Acid Treatment in Focal Cerebral Ischemia Model
Kangho Choi, Joon-Tae Kim, Man-Seok Park, Ki-Hyun Cho, Chonnam Natl Univ Hosp, Gwangju, Korea, Republic of

Poster Board Number P83 / Presentation Number T P83
The CYP Epoxigenase Metabolite of Arachidonic Acid 14,15-Epoxyeicosatrienoic Acid: a Novel Therapeutic Target in Neuroprotection
Debebe Gebremedhin, Kevin Karick, David R Harder, Medical Coll of Wisconsin, Milwaukee, WI

Poster Board Number P84 / Presentation Number T P84
Beneficial Stroke Outcomes Following Epicatechin Consumption in Young and Older Mice
Christopher Leonardo, Sylvain Dore, Univ of Florida, Gainesville, FL

Cerebral Large Artery Disease Posters II

Poster Board Number P85 / Presentation Number T P85
Restenosis after Carotid Endarterectomy and Preoperative Carotid Plaque Imaging
Noriyuki Kobayashi, Nishio Cerebrovascular Ctr, Suita, Japan; Kimitoshi Sato, Kitasato Univ Sch of Med, Sagamihara, Japan; Keita Yamauchi, Daisuke Maruyama, Daizo Ishii, Kenichi Morita, Tetsu Satow, Hiroharu Kataoka, Koji Iihara, Nishio Cerebrovascular Ctr, Suita, Japan

Poster Board Number P86 / Presentation Number T P86
Lipid Profiling Reveals Galatosylceramide Increase in Plasma of Atherosclerotic Stroke
Yining Huang, Beijing Univ, Beijing, China

Poster Board Number P87 / Presentation Number T P87
Does an Increased Pulsatility of the Intracranial Blood Flow Spectral Waveform on Transcranial Doppler (TCD) Point to Peripheral Arterial Disease in Stroke Patients?
Kristian Barlinn, Dresden Univ Stroke Ctr, Dresden, Germany; Stanislava Kolleskova, Int Clinical Res Ctr, Brno, Czech Republic; Reza Bavarsad Shahrpouri, Comprehensive Stroke Ctr, Birmingham, AL; Jessica Kepplinger, Dresden Univ Stroke Ctr, Dresden, Germany; Amelia K Boehme, Sch of Public Health, Birmingham, AL; Volker Puetz, Ul Bodechtl, Dresden Univ Stroke Ctr, Dresden, Germany; Karen C Albright, Andrei V Alexandrov, Comprehensive Stroke Ctr, Birmingham, AL

Poster Board Number P88 / Presentation Number T P88
Angiographic Steno-occlusive lesion and Collateral Circulation in Cerebral Vascular Reservoir in Acute Ischemic Stroke and Transient Ischemic Attack
S Baek Lee, Yoo Dong Won, Do-Sung Yoo, Catholic Univ of Korea, Uijeongbu-si, Korea, Republic of

Poster Board Number P89 / Presentation Number T P89
Unilateral Cerebral Atrophy Secondary to Extracranial Carotid Stenosis
Shahram Khadil, Navid Seraji-bozorgzad, Wayne State Univ, Detroit, Michigan, Detroit, MI

Poster Board Number P90 / Presentation Number T P90
Characterization of Inflammatory Cells after EDAS Surgery in Patients with Intracranial Arterial Stenosis
Nestor R Gonzalez, Luisa Iruela-Arispe, UCLA, Los Angeles, CA
Poster Board Number P91 / Presentation Number T P91
Reversion of Cognitive Impairment by Carotid Revascularization in Asymptomatic Carotid Stenosis? A Randomized Controlled Study
Chun-jen Lin, Inst of Brain Science, Natt Yang-Ming Univ, Taipei, Taiwan; Feng-Chi Chang, Dept of Radiology, Taipei Veterans General Hosp, Taipei, Taiwan; Pei-Chi Tu, I-Hui Lee, Inst of Brain Science, Natt Yang-Ming Univ, Taipei, Taiwan

Poster Board Number P92 / Presentation Number T P92
Paroxysmal Gene Polymorphism and Carotid Atherosclerosis in Acute Ischemic Stroke
Yeon Soo Ha, Dept of Neurology, Wonkwang Univ Hosp, Jeonbuk Regional Cardio Cerebrovascular Ctr, Iksan, Korea, Republic of; Byoung-Soon Shin, Dept of Neurology, Chonbuk Nativ Univ Hosp and Medical Sch, Jeonju, Korea, Republic of; Hyuk Chang, Jin Sung Cheong, Hak-Seung Lee, Hyun-Young Park, Kwang Ho Cho, Dept of Neurology, Wonkwang Univ Hosp, Jeonbuk Regional Cardio Cerebrovascular Ctr, Iksan, Korea, Republic of

Poster Board Number P93 / Presentation Number T P93
Cerebral Artery Calcification is Associated with Deep Cerebral Microbleed Dong-woo Shin, Chong-Ang Univ Hosp, Seoul, Korea, Republic of; Pil-Wook Chung, Kangbuk Samsung Hosp, Seoul, Korea, Republic of; Kwang-Yeol Park, Jeong-Min Kim, Chung-Ang Univ Hosp, Seoul, Korea, Republic of; Sam-Yeol Ha, Haedundae Paik Hosp, Busan, Korea, Republic of

Poster Board Number P94 / Presentation Number T P94
Association Between Carotid Expansive Remodeling Determined by Long-axis High-resolution MRI and Unstable Clinical Presentation Kazumichi Yoshida, Kyoto Univ Graduate Sch of Med, Kyoto, Japan

Poster Board Number P95 / Presentation Number T P95
Coronary Artery Disease in Moyamoya Disease Kyung Il Jo, Jung Soo Kim, Seung-Chylou Hong. Je Young Yeon, Samsung Medical Ctr, Seoul, Korea, Republic of

Poster Board Number P96 / Presentation Number T P96
Short-term And Mid-term Results Of Carotid Artery Revascularization As Carotid Artery Stenting For First-line Treatment: Single Center Experience In Japan Haruka Miyata, Ichiro Nakahara, Shoji Matsumoto, Tsuyoshi Ohta, Yutaka Fujikusa, Ryota Ishibashi, Masanori Gomi, Hidehisa Nishi, Sadeyoshi Watanabe, Kokura Memorial Hosp, Kitakyushu, Japan

Poster Board Number P97 / Presentation Number T P97
A Swine Model of Restenosis after Intracranial Stent Deployment Zhong Liu, Jin-Shan Wang, Dept of Neurosurgery, First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou, China; Dong-Hong Liu, Dept of Ultrasound Imaging, First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou, China; Xiang-Song Zhang, Dept of Nuclear Med, First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou, China; De-Ji Chen, Dept of Radiology, Second Affiliated Hosp of Guangzhou Medical Univ, Guangzhou, China; Ying Liu, Yan-Qiu Liu, Dept of Ultrasound Imaging, First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou, China; Xin-Chong Shi, Dept of Nuclear Med, First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou, China; Meng-Chang Li, Dept of Neurosurgery, Renmin Hosp of Wuhan Univ, Wuhan, China; Lei Feng, Dept of Radiology, Kaiser Permanente Medical Ctr, Los Angeles, CA; Zhong-Song Shi, Dept of Neurosurgery, First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou, China

Poster Board Number P98 / Presentation Number T P98
Effect of Atrial Fibrillation and/or Large Artery Atherosclerosis on Stroke Recurrence and Long-term Outcome in Japanese Minor Stroke – Fukuoka Stork Registry– Shigeru Fujimoto, Masato Ohsaki, Masaya Kumamoto, Takao Ishihika, Steel Memo- rial Yawata Hosp, Kitakyushu, Japan; Takarani Kitazono, Graduate Sch of Medical Sciences, Kyushu Univ, Kitakyushu, Japan

Poster Board Number P99 / Presentation Number T P99
Elevated Fasting Glucose as a Potential Predictor for Asymptomatic Cerebral Stenosis: A Cross-sectional Study in Chinese Adults Jing Wang, Jianwei Wu, Chunxue Wang, Capital Medical Univ, Beijing, China; Shouling Wu, Hebei United Univ, Tangshan, China; Xingguan Zhao, Capital Medical Univ, Beijing, China

Poster Board Number P100 / Presentation Number T P100
Effect of Carotid Endarterectomy on Cerebral Hemodynamics Using Quantitative Magnetic Resonant Angiography Xinjian Du, Sepideh Amin-Hanjani, Fady Charbel, Univ of Illinois at Chicago, Chicago, IL

Poster Board Number P101 / Presentation Number T P101
Low Serum Eicosapentaenoic Acid–Arachidonic Acid Ratio is Associated With Intracranial Stenosis in Patients With Acute Ischemic Stroke Yuko Abe, Ryoichi Otsubo, Yodogawa christian hospital, Osaka, Japan; Sho Murase, Kobe City Medical Ctr General Hosp, Kobe, Japan; Kenichiro Nakazawa, Yodogawa christian hospital, Osaka, Japan; Kazuo Kitagawa, Osaka Univ Graduate Sch of Med, Suitsa, Japan

Poster Board Number P102 / Presentation Number T P102
Outcomes of Tailored Angioplasty for Symptomatic Intracranial Atherosclerosis: A Prospective Cohort Study after Samporris Miao Zhongrong, Song Ligang, Beijing TianTian Hosp, Capital Medical Univ, Beijing, China; Liebeskind David S, Univ of California Stroke Ctr, Los Angeles, CA; Lui Liping, Ma Ning, Wang Xiamei, Wang Yilong, Mo Daping, Gao Feng, Zhao Xingquan, Song Kehui, Zhang Dong, Gao peiyi, Beijing TianTian Hosp, Capital Medical Univ, Beijing, China

Poster Board Number P103 / Presentation Number T P103
Vertebral Artery Hypoplasia Should Play Important Role For Posterior Circulation Ischemia Hidetaka Mitsuura, Teppie Komatsu, Shinji Miyagawa, Yuki Sakamoto, Toshiaki Hirai, Renpei Sengoku, Yu Kono, Tetsutomi Kiyayama, Yasuyuki Iuchi, The Jikei Univ Sch of Med, Tokyo, Japan

Clinical Rehabilitation and Recovery Posters II

Poster Board Number P104 / Presentation Number T P104

Poster Board Number P105 / Presentation Number T P105
Cognitive Impairment is Common After Both Lacunar and Non-Lacunar Stroke and Persists at One Year Stephen Makin, Martin S Dennis, Joanna M Wardlaw, Univ of Edinburgh, Edinburgh, United Kingdom

Poster Board Number P106 / Presentation Number T P106
Sedentary Time During the Acute Hospital Stay is Associated With Functional Performance Anna Mattlasse, Sara Karcher, Jason-Flor Sisante, Angela Lentz, Michael Rippe, Michael Abraham, Sandra Billinger, Kansas Univ Medical Ctr, Kansas City, KS

Poster Board Number P108 / Presentation Number T P108
A Novel Means of Augmenting Motor Recovery After Ischemic Stroke; Vagus Nerve Stimulation (VNS) Paired with Intensive Upper Limb Rehabilitation Jesse Dawson, Univ of Glasgow, Glasgow, United Kingdom; David Pierce, Microtrans-pender Inc, Austin, TX; Michael Kilgad, Univ of Texas, Dallas, TX; Matthew Walters, Univ of Glasgow, Glasgow, United Kingdom; Brent Tarver, Nazver Engineer, Microtrans-pender Inc, Austin, TX

Poster Board Number P109 / Presentation Number T P109
Discharge Disposition and Functional Status of Patients Suffering a Secondary Stroke Versus First Stroke Lisa Licon, Hoag Hosp, Newport Beach, CA; Lorraine Evangelista, UCI, Irvine, CA; Deborah Mastrolia, Laura Whitaker, Hoag Hosp, Newport Beach, CA

Poster Board Number P110 / Presentation Number T P110
Combined Task-Specific and Cognitive Strategy Training in Subacute Stroke: A Randomized Controlled Trial Sara E McEwen, Sunnybrook Res Institute, Toronto, ON, Canada; Tim Wolf, Carolyn Baum, Washington Univ Sch of Med, St Louis, MO; Helene Polatjko, Univ of Toronto, Toronto, ON, Canada

Poster Board Number P111 / Presentation Number T P111
The Use of Smartphone Applications to Provide Information to Patients and Their Carers Christopher N Floyd, Steven E Williams, Michelle C Williams, Cranworth Medical Ltd, London, United Kingdom; Alex Hoffman, Anthony Rudd, Royal Coll of Physicians, London, United Kingdom
Poster Board Number P112 / Presentation Number T P112

Independent Contributions of Education, Anti-Depressants, and Other Factors in Aphasia Recovery
Aarrushi Sunjaja, Northeast Ohio Medical Univ (NEOMED), Rootstown, OH; Marlis Fernandez, Argye Hills, The Johns Hopkins Hosp, Baltimore, MD

Poster Board Number P113 / Presentation Number T P113

Oprington Prognostic Scale: A Predictive Tool for Discharge Outcome in a Hyper Acute Stroke Unit
Sushmita Mohapatra, Amy M Jones, Kings Coll Hosp NHS Fdn Trust, London, United Kingdom

Poster Board Number P114 / Presentation Number T P114

Effect Endovascular Closure Procedure on the Quality of Life in Stroke Patients with Patent Foramen Ovale
Kathleen Feeeny-Heinzelmann, Wenjun Deng, Thomas Wickham, Mikaela Elia, Ignacio Inglessis, Scott Silverman, Christina Gonsalves, Ron Calvano, Eng H Lo, Igbor Palacios, Ferdinando Buonanno, MingMing Ng, MGH, Boston, MA

Poster Board Number P115 / Presentation Number T P115

Racial/Ethnic Differences in Post-Stroke Rehabilitation Utilization and Functional Outcomes in the South Carolina Stroke Belt
Charles Ellis, Andrea D Boan, Tanya N Turan, Shelly Ozark, David Bachman, Daniel T Lackland, Medical Univ of South Carolina, Charleston, SC

Poster Board Number P116 / Presentation Number T P116

Increased Maintenance of Motor Gains Following a Novel Stroke Therapy
M Inez Falcon*, Jeffrey D Riley*, E Elinor Chen, Ana Solodkin, Univ of California, Irvine, Irvine, CA

Poster Board Number P117 / Presentation Number T P117

Impact of Medicaid Coverage on Utilization of Inpatient Rehabilitation Facilities
Lesli Skolarus, James F Burke, Lewis B Morgenstern, Will Meurer, Eric Adelman, Kevin Kerber, Brian Callaghan, Lynda Lisabeth, Univ of Michigan, Ann Arbor, MI

Poster Board Number P118 / Presentation Number T P118

Participation in Extended Activities of Daily Living is an Important Determinant of Long-Term Quality of Life in Stroke Patients after an Early Supported Discharge Program
Zhenzheng Chen, Jia Yen Eng, Ywei Lin, Siew Seang Ong, Lilian Lim, Eurnice Liu, Jie Min Ee, Bernard Poon Lap Chan, Natl Univ Hosp, Singapore, Singapore

Poster Board Number P119 / Presentation Number T P119

Effective Pre-Planned Center Selection to Optimize Sample Heterogeneity in the Interdisciplinary Comprehensive Arm Rehabilitation Evaluation (ICARE) Multi-site Trial
Monica A Nelsen, Caron Park, Christianne J Lane, Univ of Southern California, Los Angeles, CA; Steven L Wolf, Emory Univ, Atlanta, GA; Alexander W Dromerick, Natl Rehabilitation Hosp & Georgetown Univ, Washington, DC; Carol Lee J Weinstein, Univ of Southern California, Los Angeles, CA

Poster Board Number P120 / Presentation Number T P120

Clinical Demographic Effects on Functional Outcome in Patients Following Decompressive Hemiancietomy for Malignant Middle Cerebral Artery Infarction
Kader Abdielephantam, Maria Carissa Pineda, Fred Rincon, William Young, Matthew Vitbert, Rodney Bell, Michael Mousouzoutas, Thomas Jefferson Univ Hosp, Philadelphia, PA

Poster Board Number P121 / Presentation Number T P121

A Comparative Study of Duloxetine and Paroxetine in Japanese Patients With Post-Stroke Depression
Shuji Matsumoto, Megumi Shimodozono, Kagoshima Univ, Kirishima City, Japan

Poster Board Number P122 / Presentation Number T P122

Functional Independence Measure Scores Predict Self-care Levels Required for Post-acute Stroke Patients Classified by the Long-Term Care Insurance System in Japan: A Multicenter Retrospective Cohort Study
Naoki Saji, Kazumi Kimura, Kawasaki Medical Sch, Kurashiki, Japan; Goro Ohsaka, Hyogo Prefectural Rehabilitation Hosp at Nishinoura, Himeji, Japan; Yasuto Higashi, Himeji Central Hosp, Himeji, Japan; Yoichi Teramoto, Ishikawa Hosp, Himeji, Japan; Masanobu Usui, Steel Memorial Hirohata Hosp, Himeji, Japan; Yasushi Kita, Hyogo Brain and Heart Ctr at Himeji, Himeji, Japan

Poster Board Number P123 / Presentation Number T P123

Non-invasive Brain Stimulation for Motor Function of Chronic Stroke Patients
Eunhee Park, Tae Gun Kwon, Won Hyuk Chang, Yun-Hee Kim, Samsung Medical Ctr, Sungkyunkwan Univ Sch of Medicine, Seoul, Korea, Republic of

Poster Board Number P124 / Presentation Number T P124

Effect of Neuromuscular Magnetic Stimulation on the Hemiplegic Upper Extremity in Subacute Stroke Patients
Min Kyun Sohn, Hyun-keun Lee, Chungnam Natl Univ Hosp, Daejeon, Korea, Republic of

Poster Board Number P125 / Presentation Number T P125

The Effects of Robot-assisted Training With Electrical Stimulation on Health-related Conditions in Patients With Chronic Stroke: A Pilot Randomized Controlled Trial
Ching-yi Wu, Pai-chuan Huang, Fu-han Hsieh, Man-chiao Hsiao, Hsiao-wen Chen, Chang Gung Univ, Kwei-Shan, Tao-Yuan, Taiwan

Poster Board Number P126 / Presentation Number T P126

Cerebral Microbleeds and Functional Outcomes at Discharge and 6 Months after Acute Ischemic Stroke
Tae-Won Kim, Jaseong Koo, Joong-Seok kim, Hyun Seok Choi, Kwang Soo Lee, The Catholic Univ of Korea, Seoul, Korea, Republic of

Community/Risk Factors Posters II

Poster Board Number P127 / Presentation Number T P127

AHA Guidelines Nurse Practitioner Cardiovascular Risk Education Program Delivered in Outpatient Stroke Rehabilitation Program Leads to Increased Independent Medications, Self Blood Pressure Monitoring, Improved Blood Pressures, and Rehabilitation Outcomes
Joan Brew, Jeanne Andrusin, Tom Ferlito, Lauren Miller, Whittier Rehabilitation Hosp, Bradford, MA; Anne Tucker, McLean’s Hosp, Concord, MA; Maria Nazarova, Beth Israel Deaconess Hosp, Boston, MA; Ellen Wentland, Northern Essex Community Coll, Haverhill, MA

Poster Board Number P128 / Presentation Number T P128

Association of Increased Serum Alkaline Phosphatase with Intracranial Atherosclerosis
Jun Yup Kim, Tae Jung Kim, Chi Kyung Kim, Seunguk Jung, Yerim Kim, Sang-Bae Ko, Seung-Hoon Lee, Byung-Woo Yoon, Seoul Natl Univ Hosp, SEOUL, Korea, Republic of

Poster Board Number P129 / Presentation Number T P129

Determinants of White Matter Hyperintensity Burden Differ at the Extremes of Age of Ischemic Stroke Onset
Cathy R Zhang, Lisa Cloonan, Kaitlin M Fitzpatrick, Allison S Kanakis, Alison M Ayres, MGH, Boston, MA; Karen L Furie, Rhode Island Hosp, Providence, RI; Jonathan Rosand, Natalia S Rost, MGH, Boston, MA

Poster Board Number P131 / Presentation Number T P131

Residential Ethnic Segregation and Stroke Risk in Mexican Americans in the BASIC Project
Rajiv C Patel, Melinda A Smith, Lewis B Morgenstern, Lynda D Lisabeth, Univ of Michigan, Ann Arbor, VA

Poster Board Number P132 / Presentation Number T P132

Rapid Loss of the Mexican American Survival Advantage After Stroke – The BASIC Project
Lewis B Morgenstern, Brisn Sánchez, Melinda Smith, Devin Brown, Nelda Garcia, Lynda Lisabeth, Univ of Michigan, Ann Arbor, MI

Poster Board Number P133 / Presentation Number T P133

Functional Outcomes in the South Carolina Stroke Belt
Charles Ellis, Andrea D Boan, Tanya N Turan, Shelly Ozark, David Bachman, Daniel T Lackland, Medical Univ of South Carolina, Charleston, SC

Poster Board Number P134 / Presentation Number T P134

Fibrinolytic Growth Factor 23 and Risk of Incident Stroke in the REGARDS Study
Bluesheat Panwar, Univ of Alabama at Birmingham, Birmingham, AL; Nancy Jenny, Univ of Vermont, Burlington, VT; Virginia Howard, Virginia Wadley, Paul Munter, Suzanne Judd, Orlando Gutierrez, Univ of Alabama at Birmingham, Birmingham, AL
Poster Board Number P135 / Presentation Number T P135
Geographic Microtargeting: Identifying High Risk Stroke Populations
Jason Mackey, Indiana Univ, Indianapolis, IN; Hei Sucharew, Monir Hossain, David E Jones, Cincinnati Children’s Hosp Medical Ctr, Cincinnati, OH; Kathleen Alwell, Charles J Moorman, Brett M Kissela, Daniel Woo, Univ of Cincinnati, Cincinnati, OH; Poona Khati, Univ of Cincinnati, Cincinnati, OH; Matthew L Flaterry, Opeolu Adeoye, Simona Ferioli, Joseph P Broderick, Dawn O Kleindorfer, Univ of Cincinnati, Cincinnati, OH

Poster Board Number P136 / Presentation Number T P136
Potential Contributors to the Declining Impact of Stroke Risk Factors with Age: Implications for Stroke Epidemiology in the Elderly
George Howard, Univ Alabama Birmingham, Birmingham, AL; Mary Cushman, Univ of Vermont, Burlington, VT; Maciej Banach, Univ of Lodz, Lodz, Poland; Brett M Kissela, Univ of Cincinnati, Cincinnati, OH; David C Goff, Colorado Sch of Public Health, Aurora, CO; Elsayed Z Solliman, Wake Forest Univ Sch of Med, Winston Salem, NC; Suzanne E Judd, Virginia J Howard, Univ Alabama Birmingham, Birmingham, AL; for the REasons for Geographic And Racial Differences in Stroke (REGARDS) Study

Poster Board Number P137 / Presentation Number T P137
Temporal Trends in Hospitalization for Ischemic Stroke in the United States, 2000-2010
Nerese Sansonnais, May A Kim-Tenser, Lucas Ramirez, Natalie Valle, Steven Cen, William J Mack, Amytis Towfighi, Univ of Southern California, Los Angeles, CA

Poster Board Number P138 / Presentation Number T P138
Time Trends over Five Decades in Rates of Hospital Admission for Any Stroke and Stroke Subtypes in England
Olenna O Seminog, Nick Hall, Michael J Godlacre, Univ of Oxford, Oxford, United Kingdom

Poster Board Number P139 / Presentation Number T P139
Rising Rates of the Metabolic Syndrome Among Stroke Survivors in the United States
Michael McManus, Univ of Southern California, Los Angeles, CA; Daniela Markovic, Univ of California Los Angeles, Los Angeles, CA; Natalie Valke, Rancho Los Amigos Nati Rehabilitation Ctr, Downey, CA; Bruce Ovbiagele, Medical Univ of South Carolina, Charleston, SC; Amytis Towfighi, Univ of Southern California, Los Angeles, CA

Poster Board Number P140 / Presentation Number T P140
The Intriguing Metabolically Healthy but Obese Phenotype: Association With the Prognosis After Ischemic Stroke
Mi-Young Oh, seoul national university, Seoul, Korea, Republic of; Hyon Lee, Min-Jung Kim, Sang Bae Ko, Seung-Hoon Lee, Byung-Woo Yoon, seoul national university hospital, Seoul, Korea, Republic of

Poster Board Number P141 / Presentation Number T P141
Metabolic Determinants of White Matter Hypertensivity Burden in Patients with Acute Ischemic Stroke
Lisa Cloonan, Kaitlin Fitzpatrick, Alison Kanakis, Massachusetts General Hosp, Boston, MA; Karen Furie, Alpert Medical Sch, Providence, RI; Jonathan Rosand, Natalie Rost, Massachusetts General Hosp, Boston, MA

Poster Board Number P142 / Presentation Number T P142
Mortality And Stroke Recurrence In Obese Stroke Patients: The Obesity Paradox In a London-Based Population
Filomena Gomes, Peter W Emery, King's Coll London, London, United Kingdom; Christine Elizabeth Weekes, Guy's & St Thomas' NHS Fndn Trust, London, United Kingdom

Poster Board Number P143 / Presentation Number T P143
Lipid Profile Components and Subclinical Cerebrovascular Disease in the Very Old
Joshua Z Willey, Columbia Univ, New York, NY; Hannah Gardener, Univ of Miami, Miami, FL; Yeseon P Moon, Columbia Univ, New York, NY; Mitsuhiro Yoshita, Hokusuku Nati Hosp, Nanto, Japan; Charles DeCarli, Univ of California at Davis, Davis, CA; Ying Kuen Cheung, Columbia Univ, New York, NY; Ralph L Sacco, Univ of Miami, Miami, FL; Mitchell S Elkind, Columbia Univ, New York, NY; Clinton B Wright, Univ of Miami, Miami, FL

Poster Board Number P144 / Presentation Number T P144
Association Between Lipoprotein (a) Levels and Vascular Events in the Stenting with Intracranial Stenosis (SAMMPRIS) trial
Swaroop Pawar, Tanya N Tiran, MUSC Stroke Program, Charleston, SC; Michael J Lynn, Azhar Nizam, Emory, Atlanta, GA; Ngoc-Anh Le, Atlanta VA Hosp, Atlanta, GA; Jean Montgomery, Emory, Atlanta, GA; Colin P Derdeyn, Washington Univ, St Louis, MO; David Fiorella, State Univ of New York – Stony Brook, Stony Brook, NY; Bethany F Lane, Emory, Atlanta, GA; Scott Janis, NINDS, Bethesda, MD; Marc I Chimowitz, MUSC Stroke Program, Charleston, SC; SAMMPRIS Investigators

Poster Board Number P145 / Presentation Number T P145
Physiological Parameters and Radiological Findings of Cerebral Small Vessel Disease
Ryuosuke Dojiri, Kozue Saito, Reo Motoyama, Nati Cerebral and Cardiovascular Ctr, Suita, Japan; Yukiko Tsutsumi, Shinichiro Uchiyama, Tokyo Women’s Medical Univ Sch of Med, Tokyo, Japan; Masayasu Matsumoto, Hiroshima Univ Graduate Sch of Biomedical and Health Sciences, Hiroshima, Japan; Kentaro Fujishiro, Yoko Un, Tokyo, Japan; Yasuhiro Tadokoro, Kazuo Kitagawa, Osaka Univ Graduate Sch of Med, Suita, Japan; Hidehiro Takekawa, Dokkyo Medical Univ, Mibu, Japan; Osamu Yama-mura, Univ of Fuku Hosp, Eiheiji, Japan; Masasumi Tagaya, Osaka Nati Hosp, Suita, Japan; Kazuyuki Nagatsuka, Nati Cerebral and Cardiovascular Ctr, Suita, Japan

Poster Board Number P146 / Presentation Number T P146
Vitamin D Deficiency is Associated With Stroke in Black and White Participants of the REGARDS Study
Suzanne E Judd, Virginia J Howard, Paul Muntner, Univ of Alabama Birmingham, Birmingham, AL; Brett M Kissela, Univ of Cincinnati, Cincinnati, OH; Bhupesh Panwar, Univ of Alabama Birmingham, Birmingham, AL; Nancy Jenny, Univ of Vermont, Burlington, VT; Orlando M Gutierrez, Univ of Alabama Birmingham, Birmingham, AL

Poster Board Number P147 / Presentation Number T P147
Vitamin D Deficiency is Associated With Stroke in ethnic Chinese but not South Asians in a Case-Control Study

Poster Board Number P148 / Presentation Number T P148
Lactate Dehydrogenase Levels are Associated with Acute Ischemic Stroke in Ventricular Assist Device Patients
Amelie K Boehme, Chrisly Dillon, Gerald McGwin Jr, Salpy V Pambukian, Nita A Limdi, Univ of Alabama at Birmingham, Birmingham, AL

Poster Board Number P149 / Presentation Number T P149
Prevalence of Atrial Fibrillation in Stroke Patients: an Observational Study in the Very Old
Luis Meiro, Hosp Santa Maria, Lisbon, Portugal; Ana Miranda, Mariana Alves, Marco Narciso, Francisca Lopes, Teresa Fonseca, Hesp Pulido Valente, Lisbon, Portugal

Poster Board Number P151 / Presentation Number T P151
Fibroblast Growth Factor 23 and Carotid Plaque: the Northern Manhattan Study (NOMAS)
Nirav Shah, Chuanhui Dong, Univ of Miami, Miami, FL; Sandine Cespedes, Mitchell S Elkind, Columbia Univ, New York, NY; Ralph L Sacco, Univ of Miami, Miami, FL; Myles Wolf, Northwestern Univ, Miami, FL; Tatjana Rundek, Clinton B Wright, Univ of Miami, Miami, FL

Poster Board Number P152 / Presentation Number T P152
Correlates Of Dolichoectasia In An Urban, Stroke-free Cohort: Results From The Northern Manhattan Study
Jose Gutierrez, Neurological Inst, New York, NY; Ahmet Bagci, Miller Sch of Med, Univ of Miami, Miami, FL; Victor Del Brutto, Hops-Clinica Kennedy, Guayaguay, Ecuador; Palma Gervasi-Franklin, Neurological Inst, New York, NY; Tatjana Rundek, Miller Sch of Med, Univ of Miami, Miami, FL; Mitchell SV Elkind, Neurological Inst, New York, NY; Noam Alperin, Ralph L Sacco, Clinton B Wright, Miller Sch of Med, Univ of Miami, Miami, FL

Poster Board Number P153 / Presentation Number T P153
Women and Men with Ischemic Stroke in SIGN Have Different Subtype Distributions and Risk Factors
Kathryn M Rebrode, Brigham and Women’s Hosp, Boston, MA; Braxton D Mitchell, Kathleen A Ryan, Steven J Kithner, Univ of Maryland Sch of Med, Baltimore, MD; Hakan Ay, Massachusetts General Hosp, Boston, MA; Sylvia W Wassenther-Sioller, Albert Einstein Sch of Med, New York, NY; Tatjana Rundek, Miller Sch of Med, Univ of Miami, Miami, FL

Poster Board Number P154 / Presentation Number T P154
Association of Common Variants in Immune Response Genes with Severity of Familial Cerebral Cavernous Malformation Type 1
Hélène Choquet, Jeffrey Nelson, Ludmila Pawlikowska, Charles E McCulloch, Univ of California, San Francisco, San Francisco, CA; Amy Akers, Angioma Alliance, Durham, NC; Beth Baca, Univ of New Mexico, Albuquerque, NM; Yasir Khan, Univ of New Mexico, Albuquerque, NM; Blaine Hart, Leslie Morrison, Univ of New Mexico, Albuquerque, NM; Helen Kim, Univ of California, San Francisco, San Francisco, CA
Diagnosis of Stroke Etiology Posters II

Poster Board Number P156 / Presentation Number T P156

Chronic Kidney Disease as a Risk Factor for Carotid Atherosclerosis: A Case Control Study
Tae Jung Kim, Jun Yup Kim, Chi Kyung Kim, Yerim Kim, Seunguk Jung, Sang-Bae Ko, Seung-Hoon Lee, Byung-Woo Yoon, Seoul Natl Univ Hosp, Seoul, Korea, Republic of

Poster Board Number P157 / Presentation Number T P157

The Impact of Estimated Glomerular Filtration Rate on a Recurrence of Ischemic Stroke: the Fukushima Stroke Registry
Takahiro Wakuwashi, Nati Hosp Organization Kyushu Medical Ctr, Fukuoaka, Japan; Masahiro Kamouchi, Kyush University, Fukuoka, Japan; Masakazu Kuma, Nati Hosp Organization Kyushu Medical Ctr, Fukuoaka, Japan; Koichiro Maeda, Reiko Utawato, Yoshiyuki Wakuwaga, Nati Hosp Organization Kyushu Medical Ctr, Fukuoaka, Japan; Jojiro Aki, Nati Hosp Organization Kyushu Medical Ctr, Fukuoaka, Japan; Tetsuro Akiyama, Nati Hosp Organization Kyushu Medical Ctr, Fukuoaka, Japan; Yasushi Shido, Takehiko Wakuwaga, Nati Hosp Organization Kyushu Medical Ctr, Fukuoaka, Japan; Masahiro Yasaka, Takanori Arimoto, Tetsuro Shishido, Takehiko Miyahita, Natl Hosp Organization Kyushu Medical Ctr, Fukuoka, Japan; Takanari Kitazono, Kyushu University, Fukuoka, Japan

Poster Board Number P158 / Presentation Number T P158

Prolonged Atrial Electrical Mechanical Delay on Echocardiography in Patients With Cryptogenic Stroke
Dae-Hyun Kim, Busan-Ulsan Regional Cardiocerebrovascular Ctr, Dong-A Univ Hosp, Busan, Korea, Republic of; Seong-Ho Choi, Dept of Neurology, Bumin Hosp, Busan, Korea, Republic of; Jong-Song Park, Hyun-Wook Nagh, Jae-Kwan Cha, Busan-Ulsan Regional Cardiocerebrovascular Ctr, Dong-A Univ Hosp, Busan, Korea, Republic of

Poster Board Number P159 / Presentation Number T P159

Cardiovascular Health and Subsequent Cognitive Function in Patients With Pre-existing Coronary Heart Disease
David Tanne, Chaim Sheba Medical Ctr, Tel Hashomer, Israel; Galit Weinstein, Boston Univ Sch of Med, Boston, MA; Noa Moshatzki, Chaim Sheba Medical Ctr, Tel Hashomer, Israel; Uri Goldbourt, Tel Aviv Univ, Tel Aviv, Israel

Poster Board Number P160 / Presentation Number T P160

Are Severity And Outcome Of Ischemic Stroke With Paroxysmal Atrial Fibrillation Different From Those With Chronic Atrial Fibrillation?
Seiji Miura, Masahiro Yasaka, Koichiro Maeda, Takeshi Uwatoko, Takahiro Wakuwashi, Yoshiyuki Wakuwaga, Yasushi Okada, Nati Hosp Organization Kyushu Medical Ctr, Fukuoka, Japan

Poster Board Number P161 / Presentation Number T P161

Atrial Fibrillation is Associated With Increased Risk of Silent Cerebral Infarction: A Systematic Review and Meta-analysis
Shadi Kalantarian, Ferdinando S Buonanno, Massachusetts General Hosp, Boston, MA; Randy Golub, Kalirroi Retzepis, Massachusetts General Hospital, Charlestown, MA; Moussa Mansour, Jeremy N Ruskin, Massachusetts General Hosp, Boston, MA

Poster Board Number P162 / Presentation Number T P162

Cardio-Ankle Vascular Index (CAVI) predicts Cardioembolic Stroke in Patients with Atrial Fibrillation
Genao Yamaura, Satoshi Nishiyama, Tetsu Watanabe, Masahiro Watanuki, Shintaro Sasaki, Hiroki Takahashi, Takanari Arimoto, Tetsuo Shishido, Takehiko Miyashita, Takuya Miyamoto, Isao Kubota, Yamagata Univ School of Med, Yamagata, Japan

Poster Board Number P163 / Presentation Number T P163

Influenza-Like Illness is Associated With Risk of Ischemic Stroke: A Case-Crossover Analysis

Poster Board Number P165 / Presentation Number T P165

Prospective Screening of Family Members with Moyamoya Disease Patients
Lian Duan, 307 Hosp, PLA, Beijing, China

Poster Board Number P166 / Presentation Number T P166

Cerebral Infarction Occurrence in Settings of Acute Traumatic Injury Analysis of a Prospective Multicenter Trial
Malik M Adil, Tanya Mohindroo, Sheharyar Minhas, Adnan I Qureshi, Zeenat Qureshi, Stroke Inst and CentreCare Health, St Cloud, MN

Poster Board Number P167 / Presentation Number T P167

Emergent Identification of Type A Aortic Dissection As a Cause of Acute Ischemic Stroke
Tomoyuki Ohara, Kazunori Toyoda, Hiroyuki Yokoyama, Kenji Minatoya, Eijiro Tanaka, Kazuyuki Nagatsuuka, Kazuo Minematsu, Nati Cerebral and Cardiovascular Ctr, Suita, Japan

Poster Board Number P168 / Presentation Number T P168

Headache and Cerebral Venous Thrombosis
Carlos Cantu Brito, Erwin Chiquete, Antonio Arauz, Inst National de Ciencias Medicas Y Nutricion Salvador Zubiran, Mexico, Mexico

Poster Board Number P169 / Presentation Number T P169

The Questionable Cost-effectiveness of Hypercoagulable Testing in Arterial Ischemic Stroke
Scott J Kohler, Andrew M Southerland, Bradford B Worrall, Univ of Virginia, Charlottesville, VA

Poster Board Number P170 / Presentation Number T P170

Risk Stratification in Acute Ischemic Stroke by Transcranial Doppler in a Multiethnic Population: Role of Microembolic Signal
Rodrigo Bazan, Gabriel P Braga, Silmélia G Bazan, João C Hueb, Unesp, Botucatu, Brazil; João P Leite, Octavio M Pontes-Neto, Medical Sch of Ribeirão Preto – USP, Ribeirão Preto, Brazil

Poster Board Number P171 / Presentation Number T P171

Impaired Brachial Flow-mediated Dilatation in Patients With Symptomatic Nontraumatic Intracranial Arterial Dissections
Tomonori Iwata, Takahisa Mori, Yuichi Miyazaki, Yuhei Tanno, Shigen Kasukura, Kazuhiro Yoshiochi, Shonan Kamakura General Hosp Stroke Ctr, Kamakura, Japan

Poster Board Number P172 / Presentation Number T P172

Putative Blood Biomarkers for Reversible Cerebral Vasospasm in Syndrome Seby John, Belinda Willard, Leonard Calabrese, Tariq Hammad, Ken Uchino, Stewart Tepper, Mark Stillman, Rula Hajj-Ali, Cleveland Clinic Fndn, Cleveland, OH

Poster Board Number P173 / Presentation Number T P173

Accuracy of Transcranial Doppler for the Diagnosis of Intracranial Right-to-Left Shunts: A Meta-Analysis of Prospective Studies

Poster Board Number P174 / Presentation Number T P174

Stroke Severity in Patients With Different Durations of Atrial Fibrillation
Rolf Wachter, Mark Weber-Krueger, Raoul Stahrenberg, Joachim Seegers, Univ of Goettingen, Göttingen, Germany; Klaus Gröschel, Univ of Mainz, Mainz, Germany; Find-AF study group

Poster Board Number P175 / Presentation Number T P175

Symptoms and Signs of Cerebrovascular Ischemia in the New England Medical Center Patent Foramen Ovale Registry
Hassanaa Toma, David E Thaler, Tufts Medical Ctr, Boston, MA

Poster Board Number P176 / Presentation Number T P176

Readmission for Infective Endocarditis after Ischemic Stroke or Transient Ischemic Attack
Stacy Y Chu, Alexander E Merkler, Natalie T Cheng, Hooman Kamel, Weill Cornell Medical Coll, New York, NY

Poster Board Number P177 / Presentation Number T P177

Cryptogenic Stroke: Frequency and Diagnostic Evaluation Across Different Age Groups
Ali Razmara, Jenelle Jindal, Alison Ayres, Aneesh B Singhal, Massachusetts General Hosp, Boston, MA

Poster Board Number P178 / Presentation Number T P178

Echocardiographic Left Atrial Strain Analysis Plus NT-proBNP to Determine Cardioembolic Strokes
Jorge Pagola, Stroke Unit, Neurology Dept Vall D’Hebron Hosp, Barcelona, Spain; Alejandro Bustamante, Vall De Hebron Res Inst, Barcelona, Spain; Teresa Gonzalez Alujas, Echocardiography Unit, Neurology Dept Vall D’Hebron Hosp, Barcelona, Spain; Laia Meler, Marta Rubiera, Joan Martínez, CC Espençat, David Rodriguez-Luna, Echocardiography Unit, Neurology Dept Vall D’Hebron Hosp, Barcelona, Spain; Laia Sero, Alan Flores, Marian Muchada, David Rodriguez-Luna, Estela Sanjuan, Pilar Meler, Marta Rubiera, Marc Ribo, Jose Alvarez-Sabin, Stroke Unit, Neurology Dept Vall D’Hebron Hosp, Barcelona, Spain; Echocardiography Unit, Neurology Dept Vall D’Hebron Hosp, Barcelona, Spain; Arturo Evangelista, Echocardiography Unit, Neurology Dept Vall D’Hebron Hosp, Barcelona, Spain; Teresa Gonzalez Alujas, Echocardiography Unit, Neurology Dept Vall D’Hebron Hosp, Barcelona, Spain; Teresa Gonzalez Alujas, Echocardiography Unit, Neurology Dept Vall D’Hebron Hosp, Barcelona, Spain

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**Poster Board Number P242 / Presentation Number T P242**

**High Mortality Rates Among Acute Intracerebral Hemorrhage Patients With PT-INR Vales Of More Than 20 Taking Warfarin**

Shinji Yamashita, Noriko Matsumoto, Naoki Saji, Jun-ichi Uemura, Kensaku Shiba-zaki, Kazumi Kimura, Kawasaki Medical Sch, Kurashiki, Japan

**Poster Board Number P243 / Presentation Number T P243**

**Mortality Among Transferred Hemorrhagic Stroke Patients in United States: An Analysis From National Database**

Malik M Adil, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN; Shyam Prabhakaran, Feinberg Sch of Med, Chicago, IL

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**Nursing Posters II**

**Poster Board Number P244 / Presentation Number T P244**

**Risk Factors Of Delirium During Acute Phase After A Stroke Screened By The Intensive Care Delirium Screening Checklist**

Emika Ishida, Toromoyaki Kama, Haruna Shibamoto, Miyuki Shinchi, Sakura Kusunoki, Hiroaki Yokote, Yohel Sato, Osamu Tone, Japanese Red Cross Musashino Hosp, Tokyo, Japan

**Poster Board Number P245 / Presentation Number T P245**

**Time to Percutaneous Endoscopic Gastrostomy (PEG) Placement and National Institutes of Health Stroke Scale (NIHSS) Correlations in Acute Ischemic Stroke (AIS)**

Christopher T Bajkiewicz, Katherine Afshar-Clarkson, Scripps Health, La Jolla, CA; Lindsay Olson, Scripps Health, San Diego, CA; Lynn Berger, Renee Richetts, Scripps Health, La Jolla, CA

**Poster Board Number P246 / Presentation Number T P246**

**Mode of Arrival for Acute Stroke Patients Directly Impacts Emergency Care Delivery**

Kelly L Arnold, Logan McDaniel, Mary Jo Deprey, St Mary’s Hosp, Grand Junction, CO

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**Poster Board Number P247 / Presentation Number T P247**

**An Interdisciplinary Approach Using A Root Cause Analysis To Decrease Door to IV tPA Times**

Kimberly Ballard, Janice Weinhardt, Summa Akron City Hosp, Akron, OH

**Poster Board Number P248 / Presentation Number T P248**

**All Wrapped Up in a Bundle: Aultman Hospital’s Journey with the Bundled Payment for Care Improvements in Stroke**

Angela M McGee, Jennifer M Brackman, Aultman Hosp, Canton, OH

**Poster Board Number P249 / Presentation Number T P249**

**Improving Door to Needle Times With Emergency Medical Services Collaboration**

Kimberly M Smith, Susan M Gaunt, Gwinnett Medical Ctr, Lawrenceville, GA

**Poster Board Number P250 / Presentation Number T P250**

**The Impact of a Stroke Navigator in Decreasing Readmission Rates**

Andrea Eudy, Joanne Mesler, Arvind Vasudevan, Chut Sombutmai, Angela Reid, Lindsay Leahy, CMC-NorthEast, Concord, NC

**Poster Board Number P251 / Presentation Number T P251**

**Factors for Delayed Medical Care Seeking among Elderly Stroke Patients in Korea**

Jeongha Sim, Jeonju Univ, Jeonju, Korea, Republic of; Dongchon Ahn, Chonbuk Natl Univ, Jeonju, Korea, Republic of; cha-nam shin, ASU, phoenix, AZ

**Poster Board Number P252 / Presentation Number T P252**

**Improving Quality of Care and Outcomes in the Community Through the Inclusive Collaboration Between a Certified Comprehensive Stroke Center and Regional Hospitals**

Janine M Mazabob, Suzan Styron, Gerard Brown, Monica Jones-Brown, St Luke’s Episcopal Hosp, Houston, TX; Jose Suarez, Eric Bershad, Chethan Venkatasubba Rao, Baylor Coll of Med, Houston, TX

**Poster Board Number P253 / Presentation Number T P253**

**A Quality Improvement Project to Improve Stroke Assessment Adherence for Patients After Surgical or Interventional Radiology Intervention**

Tovah R Adler, Alexandra Graves, Christy Casper, Stephanie Cox, William Jones, Robert Neumann, Franklin Newsome, Kimberly Rapp, Doreen Smith, Kathi Waite, Univ of Colorado Hosp, Denver, CO

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**Poster Board Number P254 / Presentation Number T P254**

**Bedside Video Transfer Report: National Institutes of Health Stroke Scale (NIHSS)**

Michele Pullano, Laura E Stack, Reading Health System, West Reading, PA

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**Poster Board Number P255 / Presentation Number T P255**

**Post-Stroke Care In a Rural Community; Need For Improvement**

Ann M Kline, Pauline Rankin, Christine Perry, James McLaughlin, UPMC Northwest, Seneca, PA

**Poster Board Number P256 / Presentation Number T P256**

**Effective Strategy For Implementation Of Swallowing Assessment In The Acute Stage Of Stroke**

Susanne Z Schaarup, Hanne Christensen, Copenhagen University Hosp, Copenhagen, Denmark

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**Poster Board Number P257 / Presentation Number T P257**

**Intramural Competition Significantly Reduces Door-to-Needle Time: Results From Adventist National Stroke Forum Door-to-Needle Time Challenge Process Improvement Project**

Evan Allen, Rhonda Lovec, Florida Hosp Neuroscience Inst, Orlando, FL; Cason Jones, Adventist Health System, Altamonte Springs, FL; Indrani Acosta, Florida Hosp Neuroscience Inst, Orlando, FL; Kathlyn Lubben, Adventist Hinsdale Hosp, Hinsdale, IL; Melissa Grace, Shawnee Mission Medical Ctr, Shawnee Mission, KS; Barbara VanCattenburch, Florida Hosp Zephyrhills, Zephyrhills, FL; Michelle Jocson, Glendale Adventist Medical Ctr, Glendale, CA; Joshua D Claunch, Florida State Univ Coll of Med, Orlando, FL; Donald Richards, Florida Hosp Neuroscience Inst, Orlando, FL; Paul Garrett, Adventist Health System, Altamonte Springs, FL; Adnan I Qureshi, Zeenat Qureshi Stroke Inst, St Cloud, MN

**Poster Board Number P258 / Presentation Number T P258**

**Improving Nursing Practice Through Telestroke Partnerships**

Kathy Morrison, Jennifer Humbert, Penn State Hershey Medical Ctr, Hershey, PA

**Poster Board Number P259 / Presentation Number T P259**

**What Should Really be Happening to Our Stroke Patients Post-Acute Care?: A System Best Practice Model for Inpatient Rehab**

Shelley Sharp, Toronto West Stroke Network, Toronto, ON, Canada; Elizabeth Linke-wich, North & East GTA Stroke Network, Toronto, ON, Canada; Jacqueline Willems, South East Toronto Stroke Network, Toronto, ON, Canada; Nicola Tahair, Toronto Stroke Networks, Toronto, ON, Canada; Charissa Levy, GTA Rehab Network, Toronto, ON, Canada; Mark Bayley, Univ Health Network — Toronto Rehab, Toronto, ON, Canada

**Poster Board Number P260 / Presentation Number T P260**

**Utilizing Concurrent Chart Review With Electronic Medical Record to Improve Stroke Core and Quality Measures**

Jenny Fung, Mills Peninsula Health Services, a Sutter affiliate, Burlingame, CA

**Poster Board Number P261 / Presentation Number T P261**

**Non-Contrast Head CT Prior to Comprehensive Neurological Evaluation Reduces Door to Needle Times for Administration of Intravenous rtPA**

Lesia Mooney, Suzanne Shaw, Kevin Barrett, Carol Raper, Mayo Clinic, Jacksonville, FL

**Poster Board Number P262 / Presentation Number T P262**

**Door To Needle Times Reduced With Enhanced Brain Attack Activation**

Charles Barbera, Timothy Marks, Anthony Martin, Kristen Sandel, Mary Bilotta, Reading Health System, West Reading, PA

**Poster Board Number P263 / Presentation Number T P263**

**Nursing Leadership Teach-Back Initiative Improves Stroke Patient Satisfaction Scores**

Julie M Fussser, Erin Supan, Danielle Sindelar, Christopher Murphy, Natalie Smith, Edward Kuzma, Univ Hosp Case Medical Ctr, Cleveland, OH

**Poster Board Number P264 / Presentation Number T P264**

**Start the Clock- Stop the Clot- Decreasing Door to tPA Times**

Cheryl Deitch, Jennifer Cummins, Riddle Hosp, Media, PA

**Poster Board Number P265 / Presentation Number T P265**

**Optimizing Team Expertise to Improve Door to Drug Times for Ischemic Stroke**

Denise Sorenson, Randi B Raynor, Presbyterian Hosp, Charlotte, NC
Poster Board Number P290 / Presentation Number T P290

Predictors of Outcome in Patients Presenting with Acute Ischemic Stroke and Mild Stroke Scale Scores
Cynthia Kenmuir, Maxim Hammer, Tudor Jovin, Vivek Reddy, Lawrence Wechsler, Ashutosh Jadhav, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA

Poster Board Number P291 / Presentation Number T P291

Impact of Diastolic Dysfunction for Predicting Mortality in Ischemic Stroke and Transient Ischemic Attack Patients
Yohei Tateishi, Akira Tsuchino, Junpei Hamabe, Osamu Tatsaki, Nobutaka Horie, Tsuyoshi Izumo, Kentaro Hayashi, Izumi Nagata, Koji Maemura, Nagasaki Univ Hosp, Nagasaki, Japan

Poster Board Number P292 / Presentation Number T P292

Baseline Infarct Volume Predicts Disability in TIA and Minor Stroke Patients
Nagar Asdaghi, Univ of British Columbia, Vancouver, BC, Canada; Jonathan Coulter, Univ of Calgary, Calgary, AB, Canada; Jayish Modi, Dept of radiology, Univ of Calgary, Calgary, AB, Canada; Abdul Gazi, Dept of Clinical Neurosciences, Calgary Stroke program, Calgary, AB, Canada; Mayank Goyal, Dept of radiology, Dept of Clinical Neurosciences, Calgary Stroke program, Calgary, AB, Canada; Kenneth S Butcher, Division of Neurology, Univ of Alberta, Edmonton, AB, Canada; Shelagh B Coutts, Dept of Clinical Neurosciences, Calgary Stroke program, Vancouver, AB, Canada

Poster Board Number P293 / Presentation Number T P293

Determinants of Early Withdrawal of Care in Patients Who Die During Index Hospitalization for Acute Ischemic Stroke

Poster Board Number P294 / Presentation Number T P294

Systematic Implementation of a Multi-Hospital Rapid TIA Evaluation Protocol Reduces Unnecessary Admissions
Khamid Bakhadzir, Ali Razmara, Syed F Ali, Laura B Hand, Josephine S Elias, Massachusetts General Hosp, Boston, MA; Steven K Keske, Brigham and Women’s Hosp, Boston, MA; Avraham Almozlino, Newton-Wellesley Hosp, Newton, MA; Lee H Schwamm, Massachusetts General Hosp, Boston, MA

Poster Board Number P295 / Presentation Number T P295

Identifying Unmet Needs 30-days Following Ischemic Stroke: The Post Stroke Checklist
Kathy Morrison, Raymond K Reichwein, Penn State Hershey Medical Ctr, Hershey, PA; Vernon M Chinichilli, John M Graybeal, Julie M Vonhauser, Xue Feng, Penn State Coll of Med, Hershey, PA; David C Good, Penn State Hershey Medical Ctr, Hershey, PA

Poster Board Number P296 / Presentation Number T P296

Diagnostic Testing in Acute Stroke Patients – The Weekend Waiting Game
Sally V Mathias, Jessica D Lee, Univ of Kentucky, Lexington, KY

Poster Board Number P297 / Presentation Number T P297

The Minimum Data Set: A Tool for Nationwide Assessment of Readmission After Ischemic Stroke
Corey R Fehnel, Rhode Island Hosp/Brown Univ Alpert Medical Sch, Providence, RI; Yoojin Lee, Vincent Mor, Brown Univ, Providence, RI

Poster Board Number P298 / Presentation Number T P298

A Comparison of Stroke Time Targets for In-Hospital Versus Emergency Department Ischemic Stroke Patients at a Primary Stroke Center
Deborah R Lee-Ekkblad, Nan Meyers, Kelly Becker, Borgess Medical Ctr, Kalamazoo, MI; Milind Chinoy, Brandon Lawrence, Western Michigan Univ, Kalamazoo, MI; Jeffrey Wilt, Borgess Medical Ctr, Kalamazoo, MI

Poster Board Number P299 / Presentation Number T P299

Effects of Quality Improvement Initiative on Time to Intra-Arterial Therapy in Acute Ischemic Stroke
Stephanie E Holmes, James J Conners, Showna Cutting, Sarah Y Song, Michael Chen, Demetrius Lopes, Roham Moftaker, Kiffon Khieger, Wendy Stark-Rieimer, Elizabeth Diebolt, Valerie Toll, Vivien H Lee, Rush Univ Medical Ctr, Chicago, IL

Poster Board Number P300 / Presentation Number T P300

Stroke after Aortic Valve Surgery Increases Billing and Length of Stay
Steven R Messe, Michael A Acker, Scott E Kasper, Michel Bilello, Wilson Y Szeto, Joseph Woo, Joseph E Bavaria, Molly Fanning, Univ of Pennsylvania, Philadelphia, PA; Tania Giovannetti, Temple Univ, Philadelphia, PA; Thomas F Floyd, State Univ of New York, Stony Brook, NY; the Determining Neurologic Outcomes from Valve Operations (DeNOVO) investigators

Poster Board Number P301 / Presentation Number T P301

Annual Ischemic and Hemorrhagic Stroke Costs in an Atrial Fibrillation Population from a Health Plan Perspective
Matthew Sussman, Iris Lin, Boston Health Economics, Inc, Waltham, MA; Wingjan K Kwong, Daichi Sankyo, Inc, Parsippany, NJ; Michael Munsell, Mark Friedman, Boston Health Economics, Inc, Waltham, MA; Magdy Selim, Beth Israel Deaconess Medical Ctr, Boston, MA; Joseph Menzin, Boston Health Economics, Inc, Waltham, MA

Poster Board Number P302 / Presentation Number T P302

Analysis of Publicly Available CMS Data on Hospital Charges and Reimbursements for Stroke Care
Roope Unia, Adam Kelly, Robert Holloway, Univ of Rochester Medical Ctr, Rochester, NY

Poster Board Number P303 / Presentation Number T P303

Recent Rise in Stroke-Related Emergency Department Visits by Young and Middle-aged Adults in the United States
Wenyu Sun, Andrea Boan, Bruce Oviabiole, Robert J Adams, Charles Ellis, Daniel Lackland, Wuwei (Wayne) Feng, Medical Univ of South Carolina, Mount Pleasant, SC

Poster Board Number P304 / Presentation Number T P304

Disordered Attention May Persist After Resolution of Post-Stroke Delirium

Poster Board Number P305 / Presentation Number T P305

Fragmented Care Among Stroke Patients at 4 Chicago Hospitals
Carlos Corado, John Casy, Abel Kho, Shyam Prabhakaran, Northwestern Univ, Chicago, IL

Poster Board Number P307 / Presentation Number T P307

Return to Driving Following Stroke
Shelly Ozark, Andrea D Boan, Tanya N Turan, Charles Ellis Jr, Daniel T Lackland, David L Bachman, Medical Univ of South Carolina, Charleston, SC

Poster Board Number P308 / Presentation Number T P308

Re-assessment Of Lipid Profiles In Stroke Patients Post-hospital Discharge – Room For Improvement
Michael P Phelan, Irene Katzan, Jesse Schold, John Sharp, Gary W Procop, Cleveland Clinic, Cleveland, OH

Poster Board Number P309 / Presentation Number T P309

Cost Effectiveness for Intra-arterial Stroke Therapy Achieved with Image-based Selection and not with Type of Device
Brenda Reese, Scott Young, Kevin Stands, William Hicks, Jennifer Mejilla, Riverside Methodist Hosp, Columbus, OH; Rishi Gupta, Welfstar Neurosurgery, Maryetta, GA; Tom Davis, Peter Pena, Ron Budzik, Nirav A Vora, Riverside Methodist Hosp, Columbus, OH

Poster Board Number P310 / Presentation Number T P310

The Acute Carotid Clinic: A Paradigmatic Shift to Facilitate Reduced Wait Times for Carotid Artery Stenting in Ontario
David Turkel-Parrella, Airtom Leonard Manoel, Thomas R Marotta, Walter Montanera, Dipanka Sarma, Aditya Bharatha, Zul Kaderali, Adrienne Weeks, Khaled Effendi, David Ben-Israel, Julian Spears, Univ of Toronto, Toronto, ON, Canada

Poster Board Number P311 / Presentation Number T P311

Prospective Assessment of Medical Decision-Making Capacity in Stroke Patients using a Rapid Standardized Questionnaire: Can My Patient Consent for Treatment or Clinical Trial?
Kimberly Feng, Cheryl Person, Univ of Texas Health Science Ctr at Houston, Houston, TX; Jacqueline Phillips-Sabol, Univ of Texas Health Science Ctr, Houston, TX; Bethany R Williams, Chunyan Cai, Amber Jacobs, Hari Indupuri, Linda Aramburo-Maldonado, Loren Shen, James C Grotta, Andrew D Barreto, Univ of Texas Health Science Ctr at Houston, Houston, TX

Poster Board Number P312 / Presentation Number T P312

The Addition of the Post Stroke Checklist to Standard Outcome Measures Provides Unique Information Relevant to Stroke Recovery
Raymond K Reichwein, Kathy J Morrison, Penn State Hershey Medical Ctr, Hershey, PA; Vernon M Chinichilli, John M Graybeal, Julie M Vonhauser, Xue Feng, Penn State Coll of Med, Hershey, PA; David C Good, Penn State Hershey Medical Ctr, Hershey, PA

Poster Board Number P313 / Presentation Number T P313

Sensitivity of ICD-9 Discharge Codes to Identify TIA Cases in 4 Community-Based Emergency Departments
Matthew J Reeves, Mojdeh Nasiri, Michigan State Univ, East Lansing, MI; Ted Glynn, Sparrow Hosp, Lansing, MI; Mary Hughes, Michigan State Univ, East Lansing, MI; Rashmi Kothari, Michigan State Univ, Kalamazoo, MI; John A Oestema, Michael Brown, Michigan State Univ, Grand Rapids, MI
Unbound Iron and Ceruloplasmin Levels in Cerebrospinal Fluid Are Associated with Development of Deep Cerebral Infarcts Following Subarachnoid Hemorrhage
Lauren Hoffman, Gabor Toth, M Shazam Hussain, Cleveland Clinic Fndn, Cleveland, OH; Magdy Selim, Beth Israel Deaconess Medical Ctr, Boston, MA; Peter Rasmussen, J Javier Provencio, Joao A Gomes, Cleveland Clinic Fndn, Cleveland, OH

Dantrolene for the Prevention and Treatment of Cerebral Vasospasm after Subarachnoid Hemorrhage – A Randomized Placebo-Controlled Trial to Assess Safety, Tolerability and Feasibility
Susanne Muetschle, Raphael Carandang, Wiley Hall, Kini Nisha, Saef Izzy, I Martin Van der Born, Thomas Flood, Matt Gounis, John Weaver, Bruce Barton, Ajay Wadhwa, Univ of Massachusetts Medical Sch, Worcester, MA

Positive Fluid Balance Predicts Poor Clinical Outcomes in Aneurysmal Subarachnoid Hemorrhage
Narayan R Kasiaan, Jennifer E Fugate, Jay N Mandrekar, Alejandro A Rabinstein, Mayo Clinic, Rochester, MN

The Role of Lindegaard Ratio on TCD for Predicting Angiographic Vasospasm Following Aneurysmal Subarachnoid Haemorrhage
Aftab Ahmad, Khurshid Khan, Carol Derk sen, Ashfaq Shuaib, Muzaffar Siddiqui, Nasir Rizvi, Maher Saqqur, Univ Of Alberta Hosp, Edmonton, AB, Canada

Predictors of Depression 6 Months After Aneurysmal Subarachnoid Hemorrhage
Keiko A Fukuda, Randall T Higashida, Michael T Lawton, Wade S Smith, Nerissa U Ko, UCSF, San Francisco, CA

Low Baseline Urine Creatinine Excretion Rate Independently Predicts Severe Disability or Death among Critically Ill Acute Stroke Patients
Chia-yu Chu, Ti-Ling Wu, Ying-Chih Huang, Jian-Der Lee, Ming-Hsueh Lee, Chih-Ying Wu, Huan-Lin Hsu, Yu-Hui Lin, Yen-Chu Huang, Hsin-Ta Yang, Jen-Tsung Yang, Meng Lee, Chang-Gang memorial hospital, Chia-yi, Taiwan; Bruce Ovbiagele, Dept of Neurosciences, Medical Univ of South Carolina, South Carolina, SC

Impact of Clipping Versus Coiling on Postoperative Hemodynamics and Pulmonary Edema after Subarachnoid Hemorrhage
Nobutaka Horie, Shunsuke Ishizaka, Tsuyoshi Izumo, Kentaro Hayashi, Kazuhiko Fujikawa, Sendai Medical Ctr, Sendai, Japan; Masayuki Ezura, Sendai Medical Ctr, Sendai, Japan; Shoki Takahashi, Kurihara, Sendai Medical Ctr, Sendai, Japan; Yasushi Matsumoto, Kohnan Hosp, Sendai, Japan; Masayuki Ezura, Sendai Medical Ctr, Sendai, Japan; Shoki Takahashi, Tohoku Univ, Sendai, Japan

Regulation of Cerebral Ceramide Levels after Subarachnoid Hemorrhage
Fernando D Testai, Haoliang Xu, Univ of Illinois at Chicago, Chicago, IL; John Kilkus, Univ of Chicago, Chicago, IL; Irina Gorshkova, Evgeny Berdyshev, Dale A Pelligrino, Univ of Illinois at Chicago, Chicago, IL; Glyn Dawson, Univ of Chicago, Chicago, IL

Risk Factors Underlying Recurrent Subclinical Subcortical Cerebrovascular Lesions in Elderly Patients
Ken Nagata, Takaishi Yamazaki, Daiki Takano, Tetsuya Maeda, Yuichi Sato, Yumi Fujimaki, Res Inst for Brain and Blood Vessels, Akita, Japan

Reduced Brain and Cerebellar Volumes Correlate With Cognitive Deficits in Chagas Disease
Javier Provencio, Joao A Gomes, Cleveland Clinic Fndn, Cleveland, OH; Testuhito Kiyozuka, Mishuku Hosp, Tokyo, Japan; Masaru Yanagihashi, Yuchi Ishikawa, Kiyokazu Murata, Kiyokazu Kawabe, Osamu Kano, Yasuo Iwasaki, Toho Univ Omori Medical Ctr, Tokyo, Japan

Prevalence and Clinicoradiological Profile of Japanese Patients with Alzheimer Disease Coexisting Multiple Microbleeds
Ken Ikeda, Takehisa Hirayama, Takehisa, Toho Univ Omori Medical Ctr, Tokyo, Japan; Masaru Yanagihashi, Kiyokazu Murata, Kiyokazu Kawabe, Osamu Kano, Yasuo Iwasaki, Toho Univ Omori Medical Ctr, Tokyo, Japan

Blood-Brain Barrier Damage in Vascular Risk Factor Associated White Matter Disease
Richard Leigh, Peter B Barker, Argye E Hillis, Johns Hopkins University, Baltimore, MD

Longitudinal Evaluation of Functional Magnetic Resonance Imaging on Working Memory in Patients after Transient Ischemic Attack
Jian Guo, Ning Cheng, Muke Zhou, Li He, West China hospital of Sichuan Univ, Chengdu, China

Does Stroke Contribute to Racial Differences in Cognition?
Deborah A Levine, Mohammed U Kabeto, Kenneth M Langa, Mary Rogers, Andrezj T Galecki, Univ of Michigan, Ann Arbor, MI

Small Subcortical Lesions in Elderly Patients
Meng Lee, Chang-Gung memorial hospital, Chiayi, Taiwan; Bruce Ovbiagele, Dept of Neurosciences, Medical Univ of South Carolina, South Carolina, SC

Influence of Patient Age on Angioarchitecture of Brain Arteriovenous Malformations
Steven W Hetts, Daniel L Cooke, Jeffrey Nelson, Nalin Gupta, Christopher F Dowd, Van V Halbach, Randall T Higashida, Michael T Lawton, Helen Kim, UCSF, San Francisco, CA

Subcortical Calcification on CT as Diagnostic Sign of Transverse-Sigmoid Dural Arteriovenous Fistula With Cortical Venous Reflux
Shunjil Mugikura, Takahiro Metoki, Takaki Murata, Tohoku Univ, Sendai, Japan; Noriko Kurihara, Sendai Medical Ctr, Sendai, Japan; Yasushi Matsumoto, Kohnan Hosp, Sendai, Japan; Masayuki Ezura, Sendai Medical Ctr, Sendai, Japan; Shoki Takahashi, Tohoku Univ, Sendai, Japan

Does Loss of Neurons Contribute to Racial Differences in Cognition?
Deborah A Levine, Mohammed U Kabeto, Kenneth M Langa, Mary Rogers, Andrezj T Galecki, Univ of Michigan, Ann Arbor, MI
Poster Board Number LB P1 / Presentation Number LB P1
Transcriptome Networks Change in Patients With Subarachnoid Hemorrhage Undergoing Remote Ischemic Conditioning
Arthur Ko, Mark J Connolly, Marcus Alvarez, Elina Nikkola, Päivi Pajukanta, Nestor R Gonzalez, UCLA, Los Angeles, CA

Poster Board Number LB P2 / Presentation Number LB P2
Spontaneous Swallow Frequency and Dysphagia Outcomes in Acute Stroke
Michael A Cray, Giselle D Carnaby, Lisa LaGro, Swallowing Res Lab - Univ Florida, Gainesville, FL

Poster Board Number LB P3 / Presentation Number LB P3
A Single Genetic Locus, Dce1, Causes Wide Variation in Pial Collateral Extent and Severity of Ischemic Stroke
James E Faber, Robert sealock, Robert, University of Kentucky, Lexington, KY

Poster Board Number LB P4 / Presentation Number LB P4
Delayed Administration of Perlecan Domain V Significantly Increases Neurogenesis and Functional Recovery after Experimental Ischemic Stroke
Aileen Marcelo, Michael Kahle, Leon de Hoog, Gregory Bix, Univ of Kentucky, Lexington, KY

Poster Board Number LB P5 / Presentation Number LB P5
Stroke and ICH in 21,105 Patients with Atrial Fibrillation Randomized to Edoxaban vs Warfarin in the ENGAGE AF-TIMI 48 Trial
Arthur Ko, Mark J Connolly, Marcus Alvarez, Elina Nikkola, Päivi Pajukanta, Nestor R Gonzalez, UCLA, Los Angeles, CA

Poster Board Number LB P6 / Presentation Number LB P6
Microstructural White Matter Alterations Correlate With Cerebral Amyloid Angiopathy Burden and Cognitive Measures
Yael D Reijmer, Panagiotis Fotiadis, Sergi Martinez-Ramirez, Aaron Schultz, Anne K Rosen, Concordia Univ, Montreal, QC, Canada; Sydney Miller, Concordia Univ, Montreal, QC, Canada

Poster Board Number LB P7 / Presentation Number LB P7
Novel Mechanisms of Ischemic Stroke Injury
James A Bibb, The Univ of Texas Southwestern Medical Ctr, Dallas, TX; Charles L Rosen, West Virginia Univ Sch of Med, Morgantown, WV

Poster Board Number LB P8 / Presentation Number LB P8
An ABCA1 Ligand Peptide that Stimulates Cellular Cholesterol Efflux with High Efficiency Increases Insulin Sensitivity and Reduces Blood Glucose in Metabolic and Genetic Mouse Models of Obesity and Diabetes
John K Bielicki, Lawrence Berkeley Natl Lab, Berkeley, CA; Stephanie Ettner, Juveria Tabassum, GRECC, VA Palo Alto Health Care System, Stanford Univ, Palo Alto, CA; Anuar Hofmeyr, Jacques Genest, McGill Univ Health Ctr, Montreal, QC, Canada; Salman Azhar, GRECC, VA Palo Alto Health Care System, Stanford Univ, Palo Alto, CA; Jan Johansson, Artery Therapeutics, San Ramon, CA

Poster Board Number LB P10 / Presentation Number LB P10
Self-Management Tools for Timely and Cost-Effective Screening of Post Stroke Depression and Improved Stroke Rehabilitation
Alyssa J Herzig, Concordia Univ, Montreal, QC, Canada; Nancy Mayo, McGill Univ, Montreal, QC, Canada; Sydney Miller, Concordia Univ, Montreal, QC, Canada

Poster Board Number LB P11 / Presentation Number LB P11
Inpatient versus Outpatient Management of TIA or Minor Stroke: Clinical Outcomes
John F Rotroth, Ivan Lopez, Peggy Smith, Univ of Nevada Sch of Med, Reno, NV

Poster Board Number LB P12 / Presentation Number LB P12
T1128 C NPY Polymorphism is Associated With Dyslipidemia as a Stroke Risk Factor
Seyed Navid Yahyazadeh Mashhadi, Mobin Mohaddes Najafi, Science and Res branch, Islamic Azad Univ, Tehran, Iran, Islamic Republic of; Mohammad Mahdi Forghanifard, Dept of Biology, Damghan Branch, Islamic Azad Univ, Damghan, Iran, Islamic Republic of; Ali Massoudi Kazemabad, Science and Res branch, Islamic Azad Univ, Tehran, Iran, Islamic Republic of; Raheleh Dehghan Manshadi, Dept of Biology, Payamenoor Univ, Mashhad, Iran, Islamic Republic of

Poster Board Number LB P13 / Presentation Number LB P13
Health Utility in Patients Receiving OnabotulinumtoxinA (BOTOX®) for the Treatment of Adult Focal Spasticity: Final Results from MOBILITY&®T1124; A Prospective Observational Cohort Study
Theodore Wein, Montreal Neurological Hosp, Montreal, QC, Canada; Farroq Ismail, West Park Healthcare Ctr, Toronto, ON, Canada; Meetu Bhogal, Grace Trentin, Allergan Inc, Markham, ON, Canada

Poster Board Number LB P14 / Presentation Number LB P14
Ischemic Stroke in Patients with Mechanical Heart Valve off Anticoagulation After Intracranial Hemorrhage
Jia Y Yang, Yao Hiee, Lim H, UT Southwestern Medical Ctr, Dallas, TX; Charles L Faraday, Johns Hopkins Univ Sch of Med, Baltimore, MD; David Liebeskind, UCLA Stroke Ctr, Los Angeles, CA; Patrik Michel, Ctr Hospier Univrue Vaudois (CHUV) and Univ of Lausanne, Lausanne, Switzerland; Raul Noquélla, Emory Univ Sch of Med, Atlanta, GA; Mark W Parsons, Hunter Medical Res Inst, Univ of Newcastle, Australia, Australia; Makoto Sasaki, Inst for Biomedical Sciences, Iwate Medical Univ, Japan; David Liebeskind, UCLA Stroke Ctr, Los Angeles, CA; Cathrin Crocker, Department of Neurology, University of California, San Francisco, CA

Poster Board Number LB P15 / Presentation Number LB P15
TARGET Intracranial Aneurysm Coiling Prospective Multicenter Study: Initial Periprocedural Results
Osama O Zaidat, Alicia C Castonguay, Medical Coll of Wisconsin, Milwaukee, WI; Aijit S Puri, Univ of Massachusetts, Worcester, MA; Ansaar T Rai, West Virginia Univ Hosp, Morgantown, WV; Amir Badraddini, Provena Saint Joseph Medical Ctr, Joliet, IL; William J Mack, Univ of Southern California, Los Angeles, CA; Amer Alshekhlee, SSM Biomedical Neuroscience Inst, DePaul, MN; Qaisar A Shah, West Virginia Univ Sch of Med, Morgantown, WV; Yi-Chu Liao, Taichung Veterans General Hosp, Taichung, Taiwan

Poster Board Number LB P16 / Presentation Number LB P16
TARGET Intracranial Aneurysm Coiling Prospective Multicenter Study: Initial Periprocedural Results
Osama O Zaidat, Alicia C Castonguay, Medical Coll of Wisconsin, Milwaukee, WI; Aijit S Puri, Univ of Massachusetts, Worcester, MA; Ansaar T Rai, West Virginia Univ Hosp, Morgantown, WV; Amir Badraddini, Provena Saint Joseph Medical Ctr, Joliet, IL; William J Mack, Univ of Southern California, Los Angeles, CA; Amer Alshekhlee, SSM Biomedical Neuroscience Inst, DePaul, MN; Qaisar A Shah, West Virginia Univ Sch of Med, Morgantown, WV; Yi-Chu Liao, Taichung Veterans General Hosp, Taichung, Taiwan

Poster Board Number LB P17 / Presentation Number LB P17
International Survey of Acute Stroke Imaging Capabilities
Max Wintexmark, Univ of Virginia, Dept of Radiology, Charlottesville, VA; Marie Luby, Natl Inst of Neurological Disorders and Stroke (NINDS), Natl Insts of Health (NIH), Bethesda, MD; Nathan Bornstein, Dept of Neurology, Elias Sourasky Medical Ctr, Sackler Faculty of Med, Tel Aviv, Israel; Andrew Demchuk, Univ of Calgary, Dept of Neurology, Calgary, AB, Canada; Jens Fiehler, Univ Med Ctr Hamburg-Eppendorf, Hamburg, Germany; Kohsuke Kudo, Dept of Diagnostic Radiology, Hokkaido Univ Hosp, Sapporo, Japan; David Liebeskind, UCLA Stroke Ctr, Los Angeles, CA; Patrik Michel, Ctr Hospier Univrue Vaudois (CHUV) and Univ of Lausanne, Lausanne, Switzerland; Raul Noquélla, Emory Univ Sch of Med, Atlanta, GA; Mark W Parsons, Hunter Medical Res Inst, Univ of Newcastle, Australia, Australia; Makoto Sasaki, Inst for Biomedical Sciences, Iwate Medical Univ, Japan; David Liebeskind, UCLA Stroke Ctr, Los Angeles, CA; Cathrin Crocker, Department of Neurology, University of California, San Francisco, CA; Cathrin Crocker, Department of Neurology, University of California, San Francisco, CA

Poster Board Number LB P2 / Presentation Number LB P2
A Prospective Observational Cohort Study
Theodore Wein, Montreal Neurological Hosp, Montreal, QC, Canada; Farroq Ismail, West Park Healthcare Ctr, Toronto, ON, Canada; Meetu Bhogal, Grace Trentin, Allergan Inc, Markham, ON, Canada

Poster Board Number LB P4 / Presentation Number LB P4
 대해서는 제공되지 않은 정보입니다.
Poster Board Number CT P28 / Presentation Number CT P28
Thrombolysis With Alteplase 0.6mg/kg Body Weight for Acute Wake-up and Unclear-onset Stroke Trial (THAWS)
Masatoshi Koga, Kazunori Toyoda, Natl Cerebral and Cardiovascular Ctr, Saita, Japan; Kazumi Kimura, Kawasaki Medical Sch, Kurashiki, Japan; Haruko Yamamoto, Natl Cerebral and Cardiovascular Ctr, Saita, Japan; Makoto Sasaki, Iwate Medical Univ, Morioka, Japan; Toshimitu Harasawa, Osaka Univ Graduate Sch of Med, Saita, Japan; Takahiro Fujino, Kyushu Univ, Fukuoka, Japan; Junya Aoki, Kawasaki Medical Sch, Kurashiki, Japan; Shoichiro Sato, Kenta Seki, Kazunari Homma, Kazuo Minematsu, Natl Cerebral and Cardiovascular Ctr, Saita, Japan

Poster Board Number CT P29 / Presentation Number CT P29
Thrombolysis or Anticoagulation for Cerebral Venous Thrombosis T0-ACCT trial
Jonathan M Coutinho, Academic Medical Ctr, Amsterdam, Netherlands; José M Ferro, Hosp Santa Maria, Lisbon, Portugal; Susanna M Zuurbier, Academic Medical Ctr, Amsterdam, Netherlands; Patricia Canhão, Hosp Santa Maria, Lisbon, Portugal; Isabelle Grassard, Hôpital Lariboisière, Paris, France; Charles B Majoie, Jim A Reekers, Academic Medical Ctr, Amsterdam, Netherlands; Emmanuel Houdart, Hôpital Lariboisière, Paris, France; Rob J de Haan, Academic Medical Ctr, Amsterdam, Netherlands; Marie-Germaine Bousser, Hôpital Lariboisière, Paris, France; Jan Stam, Academic Medical Ctr, Amsterdam, Netherlands

Poster Board Number CT P30 / Presentation Number CT P30
Prospective Registry of Decompressive Surgery for Patients With Cerebral Venous Thrombosis (decompress-2)
José M Ferro, Patricia Canhão, Hosp Santa Maria, Lisbon, Portugal; Jonathan M Coutinho, Jan Stam, Academic Medical Ctr, Amsterdam, Netherlands; Marie-Germaine Bousser, Hôpital Lariboisière, Paris, France

Poster Board Number CT P31 / Presentation Number CT P31
MR WITNESS: A Phase IIa Safety Study of Intravenous thrombolysis with Alteplase in MRI-Selected Patients
Ona Wu, Massachusetts General Hosp, Boston, MA; Lawrence L Latour, NIH/NINDS Intramural Stroke Program, Bethesda, MD; Shiree S Song, Cedars Sinai Medical Ctr, Los Angeles, CA; Karen L Furie, Brown Univ, Providence, RI; Steven Warach, Seton/UT Southwestern Clinical Research Ctr of Austin, Austin, TX; Lee H Schwamm, Massachusetts General Hosp, Boston, MA; MR WITNESS Investigators

Poster Board Number CT P32 / Presentation Number CT P32
Vertebralbasilar Flow Evaluation and Risk of Transient Ischemic Attack and Stroke (VERITAS) Study
Sepideh Amin-Hanjani, Dilip Pandey, Keith Thulborn, DeJuran Richardson, Univ of Illinois at Chicago, Chicago, IL; Patricia Canhão, Hosp Santa Maria, Lisbon, Portugal; Jonathan M Coutinho, Jan Stam, Academic Medical Ctr, Amsterdam, Netherlands; Marie-Germaine Bousser, Hôpital Lariboisière, Paris, France

Poster Board Number CT P33 / Presentation Number CT P33
Endovascular Treatment for Small Core and Anterior Circulation Proximal Occlusion With Emphasis on Minimizing CT to Recanalization Times
Philip M Choi, Andrew M Demchuk, Mayank Goyal, Karla J Ryckborst, Bijoy Menon, Philip M Choi, Andrew M Demchuk, Mayank Goyal, Karla J Ryckborst, Bijoy Menon, Univ of Alberta, Edmonton, AB, Canada; Karen L Silver, Toronto Western Hosp, Toronto, ON, Canada; Karen L Silver, Toronto Western Res Inst, Toronto, ON, Canada; Daniel Roy, Ctr hospitalier de l’univ de Montréal - Notre-Dame, Montreal, QC, Canada; Donald F Frei Jr, Barrow Neurological Inst, Phoenix, AZ; Robert Kantor, Univ Hosp of Pittsburgh, Pittsburgh, PA; Walter Montanera, Univ of Toronto, Toronto, ON, Canada; Michael D Hill, Univ of Calgary, Calgary, AB, Canada

Poster Board Number CT P34 / Presentation Number CT P34
Tich-2 Trial – Thrombolytic and Antithrombotic Comparison for Intracerebral Haemorrhage 2
Philip M Bath, Kaifash Krishnan, Sally Utton, Hayley Foster, Tanya Payne, Margaret Adrian, Sarah Grant, Alice Durham, Katie Robson, Nikola Sprigg, Univ of Nottingham, Nottingham, United Kingdom

Poster Board Number CT P35 / Presentation Number CT P35
The Spontaneous and Thrombolytic Induced Epidural Hemorrhage (SIGHT) Study
Jonathan M Coutinho, Academic Medical Ctr, Amsterdam, Netherlands; Jose M Ferro, Hosp Santa Maria, Lisbon, Portugal; Susanna M Zuurbier, Academic Medical Ctr, Amsterdam, Netherlands; Patricia Canhão, Hosp Santa Maria, Lisbon, Portugal; Isabelle Grassard, Hôpital Lariboisière, Paris, France; Charles B Majoie, Jim A Reekers, Academic Medical Ctr, Amsterdam, Netherlands; Emmanuel Houdart, Hôpital Lariboisière, Paris, France; Rob J de Haan, Academic Medical Ctr, Amsterdam, Netherlands; Marie-Germaine Bousser, Hôpital Lariboisière, Paris, France; Jan Stam, Academic Medical Ctr, Amsterdam, Netherlands

Poster Board Number CT P36 / Presentation Number CT P36
A New Method for Relaminating Stroke-induced Dysphagia: A Randomised Controlled Trial of Swallowing Treatment Using Electrical Pharyngeal Stimulation (STEPS)
Joanna Love, Phagenesis Ltd, Manchester, United Kingdom; Shaheen Hamdy, Manchester Academic Health Sciences Ctr, Salford, United Kingdom; Philip M Bath, Univ of Nottingham, Nottingham, United Kingdom

Poster Board Number CT P37 / Presentation Number CT P37
Carotid Revascularization Endarterectomy vs Stenting Trial (CREST): Long Term Follow-up (< 5 Years)
Alice J Sheflet, Susan E Hughes, MeiLee Tom, Rutgers, The State Univ of New Jersey-New Jersey Medical Sch, Newark, NJ; Ariane Mackey, CHA Hop de l’Enfant-Jesus, Quebec City, QC, Canada; William Brooks, Central Baptist Hosp, Lexington, KY; Wayne Clark, Oregon Health Science Univ, Portland, OR; Judith Lichtman, Yale Univ, New Haven, CT; Jennifer H Voeks, Medical Univ of South Carolina, Charleston, SC; Jason Avery, Univ of Alabama at Birmingham, Birmingham, AL; Mary E Longbottom, Mayo Clinic Florida, Jacksonville, FL; Thomas G Brott, for the CREST Investigators, Mayo Clinic Florida, Jacksonville, FL

Poster Board Number CT P38 / Presentation Number CT P38
ARTSS-2: A Pilot, Phase IbB, Randomized, Multi-center Trial of Argatroban in Combination With Recombinant Tissue Plasminogen Activator for Acute Stroke
Andrew D Barreto, Univ of Texas Health Science Ctr, Houston, TX; Andrië V Alexandrov, Univ of Alabama, Birmingham, AL; Navdeep Sangha, Zahra Ajani, Kaiser Permanente, Los Angeles, CA; Steven N Levine, Clotidote Balacani, SUNY Downstate, Brooklyn, NY; James Frey, Barrow Neurological Inst, Phoenix, AZ; Loren Shen, Waldo Guerrero, Amber Jacobs, Hari Indupuri, Rigo Delgado, Univ of Texas Health Science Ctr, Houston, TX; April Sisson, Lynn Merritt, Univ of Alabama, Birmingham, AL; Claudia Pedroza, Mohammad H Rahbar, James C Grotta, Univ of Texas Health Science Ctr, Houston, TX; Gary Ford, Anand Dixit, Claire Oyston, Newcastle Hosp, Newcastle, United Kingdom; Usman Khan, St Georges Healthcare, London, United Kingdom; Martin James, Royal Devon and Exeter, Devon, United Kingdom; Christine Roffe, Univ Hosp of North Staffordshire, Staffordshire, United Kingdom; Bart Piechowski, Kings Coll Hosp, London, United Kingdom; Jesse Dawson, NHS Greater Glasgow and Clyde, Glasgow, United Kingdom; Rob Simister, Univ Coll London Hosp, London, United Kingdom

Poster Board Number CT P39 / Presentation Number CT P39
Shake, Rattle & Roll Trial
Ma N Nguyen-Huyh, Noelle T Blick, Joseph D Young, Bette Caan, Susan Brown, Julie Schmidtmied, Stephen Sidney, Kaiser Permanente, Oakland, CA

Poster Board Number CT P40 / Presentation Number CT P40
Transcranial Direct Current Stimulation (tDCS) Enhanced Stroke Recovery and Cortical Reorganization
Timas Hodics, Univ Texas SW, Dallas, TX; Alexander W Dromerick, Georgetown Univ, Washington, DC; Benjamin Ju, NIH/NINDS, Bethesda, MD; John C Pezzullo, Georgetown Univ, Washington, DC; Bhim Upeti, Univ Texas SW, Dallas, TX; Joseph Hindler, Nati Inst of Rehabilitation, Washington, DC; John Hart, Karen Kowalske, Univ Texas SW, Dallas, TX; Leonardo G Cohen, NIH/NINDS, Bethesda, MD

Poster Board Number CT P41 / Presentation Number CT P41
GENETIC Determinants of Collateral Status in Stroke – The GENEDCSS Study
James e Faber, Yueh Z Lee, Univ of North Carolina, chapel hill, NC; Bijoy K Menon, Univ of Calgary, AB, Canada; David Y Huang, Kirk C Wilhelmsen, William J Powers, Univ of North Carolina, chapel hill, NC; David S Liebeskind, UCLA, Los Angeles, CA; Andrew M Demchuk, Univ of Calgary, AB, Canada; Firas Al-Ali, Borgess Brain and Spine Inst, Kalamazoo, MI; Tudor G Jovin, Univ of Pittsburg, Pittsburg, PA; Randolph S Marshall, columbia university, New York City, NY; Mark W Parsons, Univ of Newcastle, callaghan, Australia; Marc Ribo, Vail d’Hebron Stroke Ctr, barcelona, Spain; Magdy H Selim, Beth Israel Deaconess Medical Ctr, Boston, MA; Kevin N Sheth, Yale Univ, New Haven, CT; Ashfaq Shuaib, Univ of Edmonton, Edmonton, AB, Canada
Intravenous Transplantation of Mesenchymal Stem Cells Preconditioned With Early Phase Stroke Serum
Suk Jae Kim, Samsung Medical Ctr, Seoul, Korea, Republic of; Gyeong Moon Moen, Samsung Biomedical Res Inst, Seoul, Korea, Republic of; Won Hyuk Chang, Yun-Hee Kim, Gyeong-Moon Kim, Chinh-Sang Chung, Kwang Ho Lee, Jun Ho Jang, Samsung Medical Ctr, Seoul, Korea, Republic of; Yoon Mi Kang, Yong Man Kim, Hyun Soo Kim, Pharmacist Corp, Seongnam, Korea, Republic of; Cindy Woon, Inha Univ, Incheon, Korea, Republic of; Ji Won Kim, Natl Medical Ctr, Seoul, Korea, Republic of; Soo Kyung Kim, Gyeongsang Natl Univ Hosp, Chinju, Korea, Republic of; Yeon Soo Ha, Wonkwang Univ, Iksan, Korea, Republic of; Oh Young Bang, Samsung Medical Ctr, Seoul, Korea, Republic of

Safety and Efficacy of Therapeutic Induced HYPERVENTILATION in Acute Non-cardioembolic Ischemic Stroke
Suk Jae Kim, Soo Kyung Ryoo, Sung-Ji Park, Gyeong-Moon Kim, Chin-Chang Chung, Kwang Ho Lee, Samsung Medical Ctr, Seoul, Korea, Republic of; Soo Kyung Kim, Gyeongsang Natl Univ Hosp, Chinju, Korea, Republic of; Moon KU Han, Seoul Natl Univ Bundang Hosp, Seongnam, Korea, Republic of; Sung-Il Sohn, Keimyung Univ, Daegu, Korea, Republic of; Jun Lee, Yeungnam Univ, Daegu, Korea, Republic of; Yeung-Kyu Kim, Inje Univ, Pusan, Korea, Republic of; Pil Wooh Chung, Kangbuk Samsung Medical Ctr, Seoul, Korea, Republic of; Sang Min Sung, Pusan Natl Univ, Pusan, Korea, Republic of; Oh Young Bang, Samsung Medical Ctr, Seoul, Korea, Republic of

International Maternal Newborn Stroke Registry
Marianna Gobanu, Wake Forest Sch of Med, Winston Salem, NC; Adam Kirton, Alberta Children’s Hosp, Calgary, AB, Canada; Gabrielle deVeber, Hosp for Sick Children, Toronto, ON, Canada; Cheryl Bushnell, Wake Forest Sch of Med, Winston Salem, NC

Thrombolyis for Minor Ischemic Stroke with Proven Acute Symptomatic Occlusion using TNK-TPA (TEMPO-1)
Veronique Dubuc, Jennifer L Mandzia, Michael D Hill, Carol Kenney, Shelagh B Coutts, Univ of Calgary, Calgary, AB, Canada

Present Status of J-STARS and Substudies
Masayasu Matsumoto, Nachisa Hosomi, Shiro Aoki, Dept of Clinical Neuroscience and Therapeutics, Hiroshima Univ Graduate Sch of Biomedical and Health Sciences, Hiroshima, Japan; Masanori Fukushima, Yoji Nagai, Translational Res Informatics Ctr, Kobe, Japan; Kazuo Minematsu, Chiaki Yokota, Naiti Cerebral and Cardiovascular Ctr, Osaka, Japan; Hideki Origasa, Div of Biostatistics and Clinical Epidemiology, Univ of Toyama Graduate Sch of Med and Pharmaceutical Sciences, Toyama, Japan; Shinichiro Uchiyama, Dept of Neurology, Tokyo Women’s Medical Univ Sch of Med, Tokyo, Japan; Setsuo Ibayashi, Seiai Rehabilitation Hosp, Fukuoka, Japan; for the J-STAR collaborators

NIH Stroke Trials Network
Laura Sauerbeck, Joseph P Broderick, Univ of Cincinnati Medical Ctr, Cincinnati, OH

Safety and Tolerability of Two Doses of Desmoteplase in Japanese Patients With Acute Ischemic Stroke (DIAJS-J); A Randomized, Double-blind, Placebo-controlled Study
Etsuro Mori, Tohoku Univ Graduate Sch of Med, Sendai, Japan; Kazuo Minematsu, Naiti Cerebral and Cardiovascular Ctr, Osaka, Japan; Jyoji Nakagawa, Integrative Stroke Imaging Ctr, Dept of Neurosurgery, Naiti Cerebral and Cardiovascular Ctr, Osaka, Japan; Takenori Yamaguchi, Naiti Cerebral and Cardiovascular Ctr, Osaka, Japan; DIAJS-J Trial Investigators

Secondary Stroke Prevention by Uniting Community and Chronic Care Model Teams Early to End Disparities: The SUCCEED Trial
Amyl Towfighi, Univ of Southern California and Rancho Los Amigos Nati Rehabilitation Ctr, Los Angeles, CA; Barbara G Vickrey, Eric M Cheng, Univ of California, Los Angeles, Los Angeles, CA; David A Ganz, Univ of California, Los Angeles, RAND Corp, Los Angeles, CA; Diane Factor, Worker Education & Resource Ctr, Inc, Los Angeles, CA

HEALS (Healthy Eating And Lifestyle after Stroke): A Pilot Trial of a Multidisciplinary Lifestyle Intervention Program for Stroke Survivors
Amyl Towfighi, Univ of Southern California and Rancho Los Amigos Nati Rehabilitation Ctr, Los Angeles, CA; Eric M Cheng, Univ of California at Los Angeles, Los Angeles, CA; Natalie Valle, Rancho Los Amigos Nati Rehabilitation Ctr, Downey, CA; Monica Ayala-Rivera, Rancho Los Amigos Nati Rehabilitation Ctr and Univ of California at Los Angeles, Los Angeles, CA; Karina Martinez, Beatrice Martinez, Cynthia Ayala, Heidi Dombish, Annaliese Charlton, Deborah Wang, Dina Ochoa, Rancho Los Amigos Nati Rehabilitation Ctr, Downey, CA; Barbara G Vickrey, Univ of California at Los Angeles, Los Angeles, CA

Advancing Knowledge by Optimising use of Existing Data: VICCTA Collaboration
Azim H Abdul-Rahim, Myzoon Ali, Rachael L Fulton, Univ of Glasgow, Glasgow, United Kingdom; David A Fitzmaurice, Gregory Y Lip, Univ of Birmingham, Birmingham, United Kingdom; Jonathan Mant, Univ of Cambridge, Cambridge, United Kingdom; Barry R Davis, Univ of Texas Sch of Public Health, Houston, TX; Albert L Waldo, Case Western Reserve Univ, Cleveland, OH; Colin Berry, John J McMurray, John R Petrie, Naveed Sattar, Gordon D Lowe, Univ of Glasgow, Glasgow, United Kingdom; Matthias Herz, F Hoffmann-La Roche, Basel, Switzerland; Kennedy R Lees, Univ of Glasgow, Glasgow, United Kingdom; for VICCTA Steering Committee, VICCTA Collaboration, Glasgow, United Kingdom

Efficacy of Nitric Oxide in Stroke (ENOS) Trial – A Prospective Randomised Controlled Trial in Acute Stroke
Kalisha Krishnan, Sally Utton, Hayley Foster, Tanya Payne, Margaret Adrian, Sarah Grant, Alice Durham, Lisa Woodhouse, Philip M Bath, Univ of Nottingham, Notting -ham, United Kingdom

A European, Multicentre, Phase III, Clinical Trial of Hypothermia for Acute Ischaemic Stroke: EuroHYP-I
Philip M Bath, Univ of Nottingham, Nottingham, United Kingdom; Kennedy Lees, Inst of Cardiovascular and Medical Sciences, Univ of Glasgow, Glasgow, United Kingdom; Malcolm Macleod, Ctr for Brain Sciences, University of Edinburgh, Edinburgh, United Kingdom; Nicola Sprigg, Univ of Nottingham, Nottingham, United Kingdom

System, Los Angeles, CA; William E Cunningham, Honghu Liu, Univ of California, Los Angeles, Los Angeles, CA; David A Ganz, Univ of California, Los Angeles, RAND Corp, Los Angeles, CA; Diane Factor, Worker Education & Resource Ctr, Inc, Los Angeles, CA
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### FACULTY

The list of faculty includes invited speakers and moderators for the International Stroke Conference, both ISC Pre-Conference Symposia, and the State-of-the-Science Stroke Nursing Symposium. The American Heart Association/American Stroke Association would like to thank these faculty members for supporting the stroke medical community with their time and expertise.

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<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
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<tbody>
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<td>Opeolu Adeoye, MD</td>
<td>University of Cincinnati, Cincinnati, OH</td>
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<td>Maria Aguilar, MD</td>
<td>Mayo Clinic AZ, Phoenix, AZ</td>
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<td>Venkatesh Aiyagari, MD</td>
<td>Southwestern Medical Center, Dallas, TX</td>
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<td>Gregory W Albers, MD</td>
<td>Stanford Stroke Center, Palo Alto, CA</td>
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<td>Felipe Albuquerque, MD</td>
<td>Barrow Neurological Institute, Phoenix, AZ</td>
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<td>Andrei Alexandrov, MD</td>
<td>University of Alabama, Birmingham, AL</td>
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<td>Sepideh Amin-Hanjani, MD</td>
<td>FAANS, FAC, FASA, University of Illinois at Chicago, Chicago, IL</td>
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<td>Cheryl Anderson, PhD, MPH, MS</td>
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<td>Christopher D Anderson, MD</td>
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<td>George Inst GlobalHealth, Sydney NSW, Australia</td>
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<td>Kelly Anderson, BSN</td>
<td>Intermountain Medical Center, Murray, UT</td>
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<td>Ken Arai, PhD</td>
<td>MGH-Harvard, Charlestown, MA</td>
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<td>Jaroslav Aronowski, MS, PhD</td>
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<td>Hospital for Sick Children, Toronto, ON, Canada</td>
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<td>Center for Stroke Research, Charité Universitätsmedizin Berlin, Berlin, Germany</td>
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<td>Jerome Badalt, PhD, Loma Linda University, Loma Linda, CA</td>
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<td>Mark Bain, MD</td>
<td>Cleveland Clinic, Cleveland, OH</td>
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<td>Tamlynn Bakas, PhD, RN, FAHA, FAAN</td>
<td>Indiana University School of Nursing, Westfield, IN</td>
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<td>Shameea Bake, PhD</td>
<td>Texas A&amp;M Health Science Center, Bryan, TX</td>
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<td>Fernando Barinagarrementeria, MD</td>
<td>Queretaro University, Queretaro, Mexico</td>
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<td>Kristen Barklow, RN, MSN, CNP</td>
<td>Hennepin County Medical Center, Minneapolis, MN</td>
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<td>Andrew Barreto, MD</td>
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<td>William G Barsan, MD, FACEP, FAHA</td>
<td>University Michigan Hth Sys, Ann Arbor, MI</td>
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<td>Philip M Bath, MD, FRCPath, FRCP</td>
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<td>Lorella Battelli, PhD</td>
<td>Beth Israel Deaconess Medical Center, Boston, MA</td>
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<td>Kyra Becker, MD, FAHA</td>
<td>University of Washington School of Medicine, Seattle, WA</td>
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<td>Roosevelt Hospital, New York City, NY</td>
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<td>Anu Berg, PhD</td>
<td>South Karelian Central Hospital, Lappeenranta, Finland</td>
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