<table>
<thead>
<tr>
<th>Schedule at a Glance by Category</th>
<th>Community/Risk Factors</th>
<th>Diagnosis of Stroke Etiology</th>
<th>Emergency Care/Systems</th>
<th>Experimental Mechanisms and Models</th>
<th>Health Services, Quality Improvement, and Patient-Centered Outcomes</th>
<th>In-hospital Treatment</th>
<th>Intracerebral Hemorrhage</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Oral Abstracts I</strong>&lt;br&gt;Wed, 7:00 am - 8:30 am</td>
<td>Small Vessel Disease&lt;br&gt;Wed, 8:45 am - 10:15 am</td>
<td>Oral Abstracts I&lt;br&gt;Wed, 8:45 am - 10:15 am</td>
<td>New Roles for RNA in Stroke: It's Not Just about Protein Translation&lt;br&gt;Wed, 7:00 am - 8:30 am</td>
<td>Oral Abstracts I&lt;br&gt;Wed, 4:15 pm - 5:15 pm</td>
<td>Oral Abstracts I&lt;br&gt;Thurs, 7:00 am - 8:30 am</td>
<td>Oral Abstracts I&lt;br&gt;Wed, 7:00 am - 8:30 am</td>
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<tr>
<td><strong>Cost Effective Stroke Interventions in Low and Middle Income Countries</strong>&lt;br&gt;Wed, 3:00 pm - 4:00 pm</td>
<td>Oral Abstracts I&lt;br&gt;Wed, 1:30 pm - 2:30 pm</td>
<td>Telestroke Systems in the Endovascular Era&lt;br&gt;Wed, 3:00 pm - 4:00 pm</td>
<td>Oral Abstracts I&lt;br&gt;Thurs, 8:45 am - 10:15 am</td>
<td>Oral Abstracts II&lt;br&gt;Thurs, 7:00 am - 8:30 am</td>
<td>Oral Abstracts II&lt;br&gt;Thurs, 7:00 am - 8:30 am</td>
<td>Oral Abstracts II&lt;br&gt;Wed, 7:00 am - 8:30 am</td>
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<tr>
<td><strong>Implementation Science in Disadvantaged Settings</strong>&lt;br&gt;Thurs, 4:15 pm - 5:15 pm</td>
<td>Stroke, Anticoagulants and Antithrombotics&lt;br&gt;Thurs, 1:30 pm - 2:30 pm</td>
<td>Novel Approaches to Prehospital Stroke Care in the Endovascular Era&lt;br&gt;Thurs, 7:00 am - 8:30 am</td>
<td>Oral Abstracts II&lt;br&gt;Thurs, 8:45 am - 10:15 am</td>
<td>Oral Abstracts II&lt;br&gt;Thurs, 7:00 am - 8:30 am</td>
<td>Oral Abstracts II&lt;br&gt;Thurs, 7:00 am - 8:30 am</td>
<td>Oral Abstracts II&lt;br&gt;Wed, 7:00 am - 8:30 am</td>
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<tr>
<td><strong>Chronic Kidney Disease</strong>&lt;br&gt;Fri, 7:00 am - 8:30 am</td>
<td>Embolic Strokes of Undetermined Source in 2019&lt;br&gt;Thurs, 3:00 pm - 4:00 pm</td>
<td>Oral Abstracts II&lt;br&gt;Fri, 7:00 am - 8:30 am</td>
<td>Oral Abstracts II&lt;br&gt;Fri, 7:00 am - 8:30 am</td>
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<td>Oral Abstracts II&lt;br&gt;Wed, 7:00 am - 8:30 am</td>
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<tr>
<td><strong>Oral Abstracts II</strong>&lt;br&gt;Fri, 8:45 am - 10:15 am</td>
<td>Stroke Telehealth: Controversies and Solutions&lt;br&gt;Fri, 8:45 am - 10:15 am</td>
<td>Stroke Telehealth: Controversies and Solutions&lt;br&gt;Fri, 8:45 am - 10:15 am</td>
<td>Oral Abstracts II&lt;br&gt;Fri, 7:00 am - 8:30 am</td>
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<tr>
<th>Schedule at a Glance by Category</th>
<th>Nursing</th>
<th>Pediatric Stroke</th>
<th>Preventive Strategies</th>
<th>SAH and Other Neurocritical Management</th>
<th>Vascular Biology in Health and Disease</th>
<th>Vascular Cognitive Impairment</th>
<th>Vascular Malformations</th>
<th>Non-category Specific Sessions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Emerging Issues in Cerebrovascular Disease</strong>&lt;br&gt;Wed, 8:45 am - 10:15 am</td>
<td>Oral Abstracts&lt;br&gt;Wed, 7:00 am - 8:30 am</td>
<td>Oral Abstracts&lt;br&gt;Wed, 8:45 am - 10:15 am</td>
<td>The Changing Face of SAH in the ICU&lt;br&gt;Wed, 7:00 am - 8:30 am</td>
<td>Functional Implications of Chronic Disorders for CBF Regulation and Stroke Outcome&lt;br&gt;Wed, 1:30 pm - 2:30 pm</td>
<td>Oral Abstracts&lt;br&gt;Thurs, 7:00 am - 8:30 am</td>
<td>Oral Abstracts&lt;br&gt;Wed, 3:00 pm - 4:00 pm</td>
<td>Oral Abstracts&lt;br&gt;Wed, 3:00 pm - 4:00 pm</td>
<td>Town Hall Forum: Women in Stroke&lt;br&gt;Wed, 1:30 pm - 2:30 pm</td>
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<tr>
<td><strong>Understanding Disordered Sleep and Stroke</strong>&lt;br&gt;Wed, 8:45 am - 10:15 am</td>
<td>Oral Abstracts&lt;br&gt;Thurs, 1:30 pm - 2:30 pm</td>
<td>Oral Abstracts&lt;br&gt;Thurs, 2:00 pm - 4:00 pm</td>
<td>The Case of ISIC vs Anti: What is the Best “Anti” for My Patient?&lt;br&gt;Thurs, 1:30 pm - 2:30 pm</td>
<td>Oral Abstracts&lt;br&gt;Thurs, 7:00 am - 8:30 am</td>
<td>Oral Abstracts&lt;br&gt;Thurs, 7:00 am - 8:30 am</td>
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</tr>
<tr>
<td><strong>Late-Breaking Science Oral Abstracts</strong>&lt;br&gt;Thurs, 8:45 am - 10:15 am</td>
<td>Oral Abstracts&lt;br&gt;Thurs, 8:45 am - 10:15 am</td>
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<td>Oral Abstracts&lt;br&gt;Wed, 3:00 pm - 4:00 pm</td>
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**Note:** The schedule includes various topics such as stroke etiology, emergency care, experimental models, and the impact of various factors on stroke outcomes. It also covers sessions on emerging issues in cerebrovascular disease, understanding disordered sleep, and late-breaking science oral abstracts.
The American Stroke Association is grateful to the members of the International Stroke Conference 2019 Program Committee for their dedication and leadership provided throughout the year in planning the program.

Program Committee

Miguel Perez-Pinzon, PhD, FAHA, Chair
Louise McCullough, MD, PhD, FAHA, Vice Chair
Opeolu Adeoye, MD
Sepideh Amin-Hanjani, MD, FAHA
Issam Awad, MD
Michelle Camicia, MSN, RN
Sunghee Cho, PhD
Helena Chui, MS, FAHA
Andrew Ducruet, MD
Nada El Husseini, MD
Heather Fullerton, MD, MAS
Karen Furie, MD, MPH, FAHA, Stroke Council Chair
Graeme Hankey, MBBS, MD
Argye E Hillis, MD
Judy Huang, MD
Jong S Kim, MD, PhD
Louis S Kim, MD
Bijoy K Menon, MBBS, MD
Jay Mocco, MD, MS
Mai N Nguyen-Huy, MD, MAS
Bruce Ovbiagele, MD, MSc, FAHA, Past Chair
Tatjana Rundek, MD, PhD
Andrew M Southier, MD
Sue Steinbacher, FNP-BC, CHFN
Amanda Thrift, PhD, PGdipBiostat
Kazunori Toyoda, MD, PhD, FAHA, FESO
Georgios Tsivgoulis, MD, PhD, MSc, FESO
Raghu Vemuganti, PhD
Max Wintemark, MD, MAS, MBA
Charles Wirajuda, MD
Midorik Yenari, MD, FAHA
Steven Zeiler, MD, PhD

Dear Colleague:

This is a thrilling time in the field of cerebrovascular disease as the stroke landscape is evolving at an ever-increasing rate. On behalf of the American Stroke Association, a division of the American Heart Association, and the Stroke Council Program Committee, we warmly welcome you to the International Stroke Conference 2019 (ISC). By being a part of ISC, you will learn about all the latest advances in stroke and receive the most compelling stroke education. 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 (ISC) – connecting the world to stroke science.

The International Stroke Conference 2019 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. For 2019, we anticipate more than 4,500 professional attendees, as well as exhibitors displaying exciting new stroke products and services. We are truly dedicated to the international nature of this conference with science, attendees, presenters and faculty coming from all corners of the world.

The 2019 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, which this year, will focus on rare causes of stroke; and the ISC Pre-Conference Symposium II: Stroke in the Lab World: Cutting-Edge Topics in Experimental Stroke Research, which will be held in conjunction with the International Society of Cerebral Blood Flow and Metabolism (ISCBFM).

The Council on Cardiovascular and Stroke Nursing has planned another extraordinary pre-conference symposium. The 2019 symposium program will include topics in: practical approaches to acute ischemic stroke; the twists in the road during stroke recovery; acute care: advances in clinical research, practice and quality improvement; and rehabilitation & recovery: facilitating admission, progression and discharge for stroke.

The ISC 2019 Pre-Conference Symposium I: Stroke in the Real World: In Search of the Big Kahuna: Rare Causes of Stroke highlights scientific advances in cerebrovascular disease while emphasizing their application in the real world. This year’s symposium will focus on the rare causes of stroke including: identifying, distinguishing and a rheumatology perspective on CNS vasculitis; distinguishing vasculitis, vasospasm and atherosclerosis; mechanism of inherited small vessel ischemic lesions; neurocutaneous cause of stroke; endocarditis - treatment and indications for surgery; genetic collagen vasculopathies; interventions in FMD and moyamoya; MELAS; and stroke in the transgender patient. There will also be a series of challenging breakout sessions.

The ISC 2019 Pre-Conference Symposium II: Stroke in the Lab World: Cutting-Edge Topics in Experimental Stroke Research is designed to discuss emerging topics in basic and pre-clinical stroke studies and to synergize with the main conference, which has a substantial component concerning the clinical aspects of vascular diseases. In this full-day symposium, we bring together leaders in the field to discuss how the peripheral gut system and the body’s metabolic status influence the pathophysiology of cerebrovascular diseases, including the role of peripheral immune cells in CNS injury and neuroimmune interactions in stroke. We will also address recently developed imaging techniques to visualize neuroinflammation.

The main days of the ISC include more than 1,500 compelling invited symposia; rousing debates; provocative oral scientific abstract presentations; intriguing scientific abstract posters; and special lectures on recent advances and state-of-the-science topics. Stimulating symposia, debates and abstract presentations will focus on numerous topics from 21 stroke-related categories. The latest results from major clinical trials will be presented at the meeting. Sessions in clinical categories will center on community risk factors; emergency care; acute neuroimaging; acute endovascular and acute nonendovascular treatment; diagnosis of stroke etiology; cerebral large artery disease; in-hospital treatment; clinical rehabilitation and recovery; and health services, quality improvement, and patient-centered outcomes. Sessions in basic science categories focus on vascular biology in health and disease; basic and preclinical neuroscience of stroke recovery; and experimental mechanisms and models. Further specialized topics include pediatric stroke; intracerebral hemorrhage; nursing; preventive strategies; vascular cognitive impairment; aneurysms; subarachnoid hemorrhage; neurocritical care; vascular malformations; and ongoing clinical trials.

In addition to exceptional education and networking with thousands of cerebrovascular research and practice experts from around the globe, you will also have the chance to experience the glorious island of Oahu. It is truly all of Hawaii on one island - tropical playground and urban fantasy. Partake in one of the many outdoor activities, explore the rich Hawaiian history, or just enjoy one of the exquisite beaches.

Thank you for joining us for this exceptional and illuminating event. For the most current conference and programming information, please download the ISC Mobile Meeting Guide app or visit strokeconference.org and the online program planner. And don’t forget to mark your calendar for ISC 2020, February 19 - 21, in exciting Los Angeles, California! ISC - Education. Inspiration. Illumination.

Miguel Perez-Pinzon, PhD, FAHA
Chair, International Stroke Conference 2019 Program Committee
<table>
<thead>
<tr>
<th>COMMITTEE MEMBER</th>
<th>CONFLICT OF INTEREST</th>
</tr>
</thead>
<tbody>
<tr>
<td>Opeolu Adeoye</td>
<td>Research Grant, Significant, NIH/NINDS. Ownership Interest, Significant. Sense Diagnostics, Inc.</td>
</tr>
<tr>
<td>Sepideh Amin-Hanjani</td>
<td>None</td>
</tr>
<tr>
<td>Michelle Camicia</td>
<td>Research Grant, Modest, Rehabilitation Nursing Foundation. Consultant/Advisory Board, Modest, National Quality Forum - Neurology Standing Committee member</td>
</tr>
<tr>
<td>Sunghoo Lee</td>
<td>None</td>
</tr>
<tr>
<td>Helena Chui</td>
<td>Research Grant, Significant, NIH. Honoraria. Modest, multiple.</td>
</tr>
<tr>
<td>Andreq Ducruet</td>
<td>Consultant/Advisory Board, Modest, Penumbra, Medtronic</td>
</tr>
<tr>
<td>Nada El Husseini</td>
<td>None</td>
</tr>
<tr>
<td>Karen Furie</td>
<td>None</td>
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<tr>
<td>Grame Hankey</td>
<td>Speakers’ Bureau, Modest, Bayer AG. Honoraria. Modest, Bayer AG, American Heart Association (Circulation Associate Editor Fee). Consultant/Advisory Board, Modest, Bayer AG (NAVIGATE ESUS Steering Committee). Medscape, Bristol-Myers-Squibb (FAPR1T Trial Steering Committee). Other, Modest, AC Immune (Chair of Data Monitoring Committee of two trials of vaccines for Alzheimer’s Disease).</td>
</tr>
<tr>
<td>Argye Hillis</td>
<td>Research Grant, Significant, NIH (NIHDD &amp; NINDS) grants. Other, Modest, Paid by the AHA as Associate Editor of Stroke.</td>
</tr>
<tr>
<td>Judy Huang</td>
<td>Ownership Interest, Significant, Longeviti.</td>
</tr>
<tr>
<td>Jong Kim</td>
<td>None</td>
</tr>
<tr>
<td>Louis Kim</td>
<td>Research Grant, Significant, NIH/NINDS R01 Grant. Ownership Interest, Modest, Spi Surgical Inc.</td>
</tr>
<tr>
<td>Bijoy Menon</td>
<td>None</td>
</tr>
<tr>
<td>Jay Mocco</td>
<td>Other Research Support, Significant, Stryker, Penumbra, Medtronic, Imperative care, Ownership Interest, Significant, Imperative Care, Cerebrotech, Viseon, Endostream, Rebound Therapeutics, Bink/TBI, Serenity, MRT. Ownership Interest, Significant, Neurology Podcast, American Academy of Neurology.</td>
</tr>
<tr>
<td>Mai N. Nguyen-Huyhn</td>
<td>Research Grant, Significant, NINDS and TPN4 (The Permanente Medical Group)</td>
</tr>
<tr>
<td>Tatjana Rundek</td>
<td>Research Grant, Modest, NIH/NINDS grants</td>
</tr>
<tr>
<td>Sue Steinbacher</td>
<td>None</td>
</tr>
<tr>
<td>Amanda Thrift</td>
<td>Research Grant, Significant, National Health &amp; Medical Research Council research grants (Australian Government).</td>
</tr>
<tr>
<td>Kazunori Toyoda</td>
<td>Speakers’ Bureau, Modest, Daichi-Sankyo, Bayer, BMS, Behringer, Takeda.</td>
</tr>
<tr>
<td>Georgios Tzivoulis</td>
<td>Research Grant, Significant, Medtronic. Consultant/Advisory Board, Modest, Boehringer Ingelheim, Bayer, Daichi-Sankyo, Medtronic, CSL Behring, Allergan, Actavis, Merck, Sanofi, Genasis Pharma, Speaker’s Bureau, Modest, Medtronic, Shire, Boehringer Ingelheim, Biogen</td>
</tr>
<tr>
<td>Raghu Vemuganti</td>
<td>Employment, Significant, Tenured Professor at Univ. of Wisconsin. Research Grant, Significant, Grants from NIH and VA, Honoraria, Modest, Associate Editor of Neurochemistry International.</td>
</tr>
<tr>
<td>Max Wintermark</td>
<td>Ownership Interest, Modest, MoreHealth. Magnetic Insight, Icometrix</td>
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<tr>
<td>Charles Wira</td>
<td>None</td>
</tr>
<tr>
<td>Midori Yenari</td>
<td>Research Grant, Significant, NIH R03 grant, VA Merit grant</td>
</tr>
<tr>
<td>Steven Zeller</td>
<td>Research Grant, Significant, EverPharma (Australia). Expert Witness, Significant, several medical-legal cases.</td>
</tr>
<tr>
<td>Bruce Ovbiagele</td>
<td>None</td>
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</table>

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.
The American Stroke Association would like to acknowledge the following companies for their generous support of the International Stroke Conference.

**Sponsors**
- American Well
- Biogen
- DWL USA Inc
- Genentech, A Member Of The Roche Group
- Hawaii Convention Center / AEG Facilities
- Home Heart Beats, LLC
- Intermountain Healthcare
- Intouch Health
- Medtronic
- Microvention
- Neural Analytics
- NeurOptics
- Portola Pharmaceuticals
- Shirley Ryan Abilitylab, formerly the Rehabilitation Institute of Chicago
- Viz
- Wolters Kluwer

**Grants**
- Cerenovus
- Chiesi
- Medtronic

(As of December 7, 2018)
ANCC Credit Designation Statement - Nurses  
The maximum number of hours awarded for this CE activity is 24.25 contact hours.  
**ANCC Credit must be claimed within 6 months of attendance. CME/CE credit will no longer be available to claim after August 8, 2019.**

Disclosure Policy  
All persons who develop and/or control educational content in CME/CE activities provided 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.

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 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 2019 non-Late-Breaking abstracts, lectures and presentations are embargoed for release at 5:01 am ET / 12:01 am HT, Wed. Jan 30, 2019. Late-Breaking Science abstract results are embargoed for release at the date and time of the first Late-Breaking Science abstract’s start time in their session. Information may not be released before the scheduled embargo or 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 $115 million in research closely related to stroke and another $64.5 million in broadly stroke-related research. Proposals for stroke research funding are reviewed by experts in the field. Funding decisions are made based on peer review criteria for each program, not by science focus. For more information about our funding opportunities and upcoming application deadlines, please visit our website at professional.heart.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 451 (in the Science and Technology Hall, Hall II, Level 1)  
Hours: Wednesday and Thursday, 8:30 am – 3:00 pm

American Stroke Association – Join Together To End Stroke  
The American Stroke Association has launched Together to End Stroke®, sponsored nationally by Medtronic, Kindred Healthcare, Bayer Aspirin, and Encompass Health, 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 and recovery by providing tools and resources for consumers and healthcare 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 II, Booth 451). 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 Hawaii 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 Main Lobby, Level 1.
2. Visit learn.heart.org from any computer with internet connection.

For both options:

- Sign in with your American Heart Association Username and Password. If you do not have an account, please create one. If you do not remember your Username or Password, click the Forget Password link.
- Select the appropriate ISC 2019 activity, then click Resume.
- Complete the evaluation and claim your credit.

Learners are strongly encouraged to claim CME/CE credit within 30 days of activity completion. Your ability to claim CME/CE Credit expires; you must claim your credit type before the expiration date.

CME/CE Credit will no longer be available to claim after August 8, 2019.

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 the Main Lobby, Level 1.

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 the Main Lobby, Level 1, of the Hawaii 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 II, Level 1. 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 II, Level 1, where cerebrovascular products and services will be featured.

Exhibit Hours: Wednesday 8:30 am – 3:00 pm  
Thursday 8:30 am – 3:00 pm

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.

Infants/Children in the Session Rooms and Poster Hall  
Because of limited seating capacity and the highly technical nature of the program, children and infants are not allowed to attend presentations.

For safety reasons, children and infants are not permitted in the Poster Hall.

Exhibitors  
A comprehensive listing of exhibitors and their products and services can be found in Stroke News, the Mobile Meeting Guide app, 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 in Registration, in the Main Lobby, Level 1, of the Hawaii 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 the Main Lobby, Level 1, of the Hawaii Convention Center.
Loss of Badge Credentials
The American Heart Association and American Stroke Association reserve the right to revoke or deny attendance of any registered participant, speaker, exhibitor, news media reporter, or photographer of presentations or activities at AHA and ASA scientific conferences and meetings.

Medical Emergencies
The First Aid Station is located between Room 318 B and Room 319 A, Level 3 of the Hawaii Convention Center. An AED is available. Please report emergencies to the nearest security guard or the Show Office, Room 325 AB on Level 3 of the Hawaii Convention Center.

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

AHA and ASA Scientific Statements and Practice Guidelines – Visit professional.heart.org/statements for the latest scientific statements and clinical practice guidelines, including the annual AHA Statistical Update. More information is available at the American Stroke Association’s Headquarters Booth 451, Hall II.

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 Main Lobby, Level 1.

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 I, Level 1) and at strokeconference.org. Attendee login is required.

Mobile Meeting Guide – For on-the-go access to meeting information including educational sessions, Science and Technology Hall exhibitors, maps and more, download the AHA Mobile Meeting Guide App by searching “AHA Conferences” in the App Store or Google Play. Helpful staff is available in Registration, Main Lobby, Level 1, to answer questions.

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

Posters: QR Codes – In addition to traditional poster boards at the International Stroke Conference 2019, Digital Acumen also 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 or Google Play and 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 (if permission is given) in order to ask questions.

Science News from ISC – Visit strokeconference.org/sciencenews for official ASA news coverage of the science presented at the 2019 meeting including: exclusive video interviews, presentation slides and audio, summary slides, news releases, and more.

Wireless Internet – Complimentary WiFi will be available throughout the Hawaii Convention Center.

News Media
From Feb 5 - 8, for media interviews or inquiries about news materials, contact News Media Headquarters, Room 317 AB on Level 3.

No Smoking Policy
The American Heart and 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
No person may record any portion of the AHA Scientific Sessions, scientific conferences, and the ASA International Stroke Conference, whether by video, still or digital photography: audio; or any other recording or reproduction mechanism. This includes recording of presentations and supporting A/V materials and of poster presentations and supporting poster materials.

Additionally, science information shared by investigators during a meeting is confidential and often unpublished data. Taking photos of or recording the content of meeting room slides is also prohibited, and is considered intellectual piracy and unethical. Attendees who ignore this policy will be asked to leave the educational session and are at risk of losing their badge credentials.

The American Heart Association (AHA) will take photographs and video during its conferences and may display, reproduce and/or distribute them in AHA educational, news or promotional material, whether in print, electronic or other media, including the AHA website. Your registration for an AHA conference is your grant to AHA the right to use your name, image and biography for such purposes as well as any other purpose. All photographs and/or videos become the property of AHA.

Power To End Stroke
Power To End Stroke is an education and awareness campaign that embraces and celebrates the culture, energy, creativity and lifestyles of African-Americans. It unites people to help make an impact on the high incidence of stroke within their communities.

Power To End Stroke encourages physicians, nurses and other medical professionals to join the mega community of faith leaders, community organizations and business leaders in an effort to save the lives of millions. Learn more at http://powertoendstroke.org/events-ets.html.

Registration
Onsite Registration Hours – Onsite registration will take place in the Main Lobby, Level 1 at the Hawaii Convention Center during the days and hours listed below:

<table>
<thead>
<tr>
<th>Day</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Tuesday, Feb 5</td>
<td>6:30 am – 5:00 pm</td>
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<tr>
<td>Wednesday, Feb 6</td>
<td>6:00 am – 5:00 pm</td>
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<tr>
<td>Thursday, Feb 7</td>
<td>6:00 am – 5:00 pm</td>
</tr>
<tr>
<td>Friday, Feb 8</td>
<td>6:00 am – 12 Noon</td>
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</tbody>
</table>

Registration Refund/Cancellation Policy – Registrants who cancel must request a refund of fees paid in writing. Cancellation requests received at Convention Data Services by Jan 15, 2019, midnight ET will be processed, less a $75 administrative fee. No refunds will be issued until 7 - 15 days post-event. No refunds will be made after Jan 15, 2019. Purchased meal tickets are nonrefundable. Refunds will not be granted for no-shows after the conference. No refunds will be issued onsite.

Important: You must cancel your registration, you cannot transfer it to someone else, nor can you substitute another person’s name for your name. A name change is a cancellation.

Please note: The American Heart Association and American Stroke Association shall not be liable for cancellation of the International Stroke Conference caused by labor strikes, or threats of strikes or disputes, civil disorders, fires, weather conditions, or other acts of God, acts of war, acts of terrorism, government regulation, or for any damages or losses resulting from such cancellation.

Restaurant Reservations
Visit the Hawaii Visitor’s Information Booth in the Main Lobby, Level 1, for information and reservations at the many fine restaurants in Dahu and to pick up city attraction guides and brochures.

Safety
Inappropriate behavior or undesirable conduct, including, but not limited to, verbal or physical abuse, whether threatened or performed, will not be permitted or tolerated.

You must wear your name badge at all times in the convention center. Be sure to remove your badge when you leave the convention center or your hotel room.

Sessions Seating
Session seating is on a first-come, first-served basis. According to fire code, a session must and will be closed if the room fills to capacity. Infants and children are not permitted in session rooms.

For safety reasons, children and infants are not permitted in the Poster Hall.
Shuttle Service to the Hawaii Convention Center

Complimentary shuttle service is provided between the hotels listed below and the Hawaii Convention Center. If you have questions about the shuttle or if you need to make a reservation for a wheelchair-accessible vehicle, please see the shuttle supervisor at the Hawaii Convention Center or call Kushner & Associates at (310) 562-0606.

Shuttle Service to the Hawaii Convention Center
Hilton Hawaiian Village: Board at the Tapa Tower Bus Depot
DoubleTree by Hilton Ala Moana-Waikiki Beach: Board at the Hilton Hawaiian Village

Shuttle Schedule

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Every minute</th>
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<tbody>
<tr>
<td>Tuesday, February 5</td>
<td>5:30 am – 9:30 am*</td>
<td>Every 20 minutes</td>
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<tr>
<td>NO SHUTTLE</td>
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<tr>
<td>Shuttle from HCC to HCC</td>
<td>2:30 pm – 6:30 pm**</td>
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<tr>
<td>Wednesday, Feb 6 and Thursday, Feb 7</td>
<td>5:30 am – 9:30 am*</td>
<td>Every 15 minutes</td>
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<tr>
<td>Shuttle from HCC to HCC</td>
<td>9:30 am – 2:30 pm</td>
<td>NO SHUTTLE</td>
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<tr>
<td>Shuttle from HCC to HCC</td>
<td>2:30 pm – 7:30 pm**</td>
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<tr>
<td>Friday, Feb 8</td>
<td>5:30 am – 11:30 am*</td>
<td>Every 15 minutes</td>
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<tr>
<td>Shuttle from HCC to HCC</td>
<td>11:30 am – 1:30 pm**</td>
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* Time last shuttle departs hotels coming to the HCC.
** Time last shuttle departs HCC returning to hotels. Last shuttle departs hotels coming to the HCC approximately 60 minutes prior to this time.

Shuttle service will not be provided from the following hotels that are within walking distance to the HCC.

Ala Moana Hotel • The Modern Honolulu • Prince Waikiki

Speaker Resource Center

The Speaker Resource Center is located in Room 316 A, Level 3 of the Hawaii Convention Center. All oral presentations will be in electronic format. Speakers are required to submit their presentations to the Speaker Resource Center at least 12 hours before session start time. All speakers must check in at Room 316 A at least two hours before session start time to review their presentations for technical and format issues.

Last-minute submissions disrupt the flow of sessions and will not be allowed. Any presenter who fails to submit his/her presentation in a timely manner will be prohibited from speaking.

The Speaker Resource Center has technicians available to assist presenters and is open during the following times:

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
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<tbody>
<tr>
<td>Tuesday, Feb 5</td>
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<tr>
<td>Friday, Feb 8</td>
<td>6:00 am – 12 Noon</td>
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</table>

Simulation Zone

Hands-on Interactive Learning in the Simulation Zone. Test your skill in diagnosing cerebrovascular pathologies, planning neuro-interventional treatments, and performing endovascular procedures. Don’t miss the opportunity to use these state-of-the-art learning tools in the Science and Technology Hall, Booth 209.

Please check the ISC 2019 Mobile Meeting Guide app for session information and times.

Augmented Reality of ImmersiveView™ by ImmersiveTouch®

Take a "Fantastic Journey" and explore CT and MRI imaging of "real" neurology patient scans with your fingertips. No longer limited to certain angles of view, clinicians can easily view the target anatomy, clearly and accurately, as if it were a real physical object, in the palm of your hand.

The Mentice VIST® GS Simulator

Challenge your endovascular procedural proficiency within a wide range of clinically based training scenarios. The simulator system-enhanced feedback provides learners with the information to improve safety and efficacy.

Stroke Central

Make plans to visit Stroke Central at ISC 2019, located in the Science and Technology Hall at the Expert Theater, Booth 152. Stroke Central will feature a variety of scheduled programming and activities throughout the duration of the conference. The complete schedule can be found in the ISC 2019 Mobile Meeting Guide.

Stroke OnDemand™

Miss a session? Experience every session just as if you had been in the room by purchasing Stroke OnDemand™, a comprehensive digital video library of this year’s meeting online and on a portable USB (extra fee applicable). Convenient online and mobile viewing on your iPad, iPhone and Android Device. Purchase at the Stroke OnDemand™ booth in the Main Lobby, Level 1. Buy onsite and save $100.

Please note only presentations that speakers have given permission to use will be included.

Get With The Guidelines®—Stroke and Target: Stroke™

Get With The Guidelines-Stroke is the American Stroke Association's in-hospital quality improvement program focused on improving stroke care by providing medical teams tools and resources to increase adherence to the latest scientific treatment guidelines. Target: Stroke is a Get With The Guidelines-Stroke initiative that aims to improve acute ischemic stroke care by reducing door-to-needle times for eligible patients being treated with IV tPA. Stop by our booth in HeadQuarters (Booth 451) or visit Heart.org/GWTGStroke to learn more about the programs.

Transportation

Ground Transportation

There are a number of ways to get to and from Honolulu International Airport. The airport is located 10 miles from Waikiki, and six miles from downtown Honolulu. HNL is accessible by car, taxi, bus, and shuttle. The H-1 Interstate Freeway has both eastbound and westbound exits that bring you directly to the airport. Additional information can be found at: http://airports.hawaii.gov/hnl/

Rental Cars

To obtain the special AHA rates, please contact the following:

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

Parking

Parking in the Hawaii Convention Center parking garage is available during normal business hours and events (from one hour before until one hour after) for $10 per entry, cash or card.

Guests with Electric Vehicles that have valid EV license plates may park at the Hawaii Convention Center at no charge while attending an event at HCC. (EV charging is available.) Please note that free parking only applies to full electric vehicles and does not include hybrid vehicles.

Shuttle Service to the Hawaii Convention Center

Please see the shuttle schedule to the left.
Twitter

Use Twitter to tweet your questions/comments during the meeting or just talk about what is happening at ISC 2019. Use hashtag: #ISC19.

Venue
Honolulu, Hawaii

Oahu Island is truly all of Hawaii on one island - tropical playground and urban fantasy. Oahu is rich in Hawaiian culture, has outstanding resort areas, and features the electrifying city of Honolulu with cosmopolitan shopping, multi-ethnic cuisine and exciting entertainment. The other side of Oahu is a stunning tropical island with breathtaking natural beauty and an abundance of recreational activities on land, in the ocean, and by air. Partake in one of the many outdoor activities, explore the rich Hawaiian history, or just enjoy one of the exquisite beaches. At night, you can enjoy the Hawaii Regional Cuisine, jazz bars, and stylish nightclubs. Oahu - the Heart of Hawaii.

Web Resources

HealthJobsPLUS for Professionals
This is a Job Placement Service that can be found online at http://healthjobsplus.com or at the Communication Center, located in the Main Lobby, Level 1.

learn.heart.org
This website is where healthcare professionals can complete the conference evaluation and claim CME/CE credits for ISC, the Pre-Conference Symposia and the Nursing Symposium. Additional education opportunities are also available.

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

professional.heart.org
ProfessionalsHeartDaily 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 11 AHA scientific journals, biweekly clinical updates, core clinical textbooks, a continually updated drug database and much more.

StrokeAssociation.org
The American Stroke Association website provides information on 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 one-stop home for stroke information. 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.

strokeconference.org
This website 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.

WiFi
Complimentary WiFi is available throughout the Hawaii Convention Center.

STROKE COUNCIL ACTIVITIES

Wednesday, Feb 6, 12:10 pm – 1:30 pm, Room 313 A
Fellow and Early Career Women in Stroke Mentoring Luncheon

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

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 luncheon will provide an informal forum for new connections to be made between early career professionals and leaders in stroke and will provide valuable information. This year’s focus will be on issues that women may experience during their medical career. 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.)

Facilitator: Alexandra L Czap, MD, Houston, TX
Erica M Jones, MD, MPH, Houston, TX

Table Topics will include:
- Beyond Residency: Fellowship and Training Programs
- Research: Navigating Grants and Lab Startup
- Career Search: Gauging Needs Against What Programs Have to Offer
- Contract Negotiation: Pitfalls and Opportunities
- Work-Life Balance: Caring for Your Career and Family
- Mentorship: Finding and Establishing Professional Mentors
- Academic versus Private Practice
- Burnout and Resilience: Strategies for Enhancing Wellbeing

For a complete list of table topics and table moderators, please check the ISC 2019 Mobile Meeting Guide.

We would like to thank Alexandra L Czap and Erica Jones for their time and effort in planning this Fellow and Early Career Women in Stroke Mentoring Luncheon.
Wednesday, Feb 6, 12:10 pm – 1:30 pm, Room 312

Advance Practice Providers’ Luncheon

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

- APPs as Mobile Stroke Unit Providers
  Skye Coote and Wendy Dusenbury

- APP Practice in Vascular Neurosurgery Outpatient Clinics
  Natalie Hall

- APP Practice in Stroke Outpatient Clinic
  Ayeshia Wright

- APPs as Telemedicine Providers
  Elizabeth (Betsy) Wise and Terri-Ellen Kiernan

- APPs as ED Acute Stroke Leaders
  Jennifer Patterson

- APPs as Service Line Managers
  Karen Seagraves

- Orienting New APPs to Acute Stroke Clinical Practice
  Jennifer Bonner

- APP Practice & Role Issues in Neurocritical Care
  Sarah Livesay

- NICU Orientation for APPs
  Michele Starr

- Balancing Roles: APPs as Stroke Coordinators and Clinical Practitioners
  Nataliya Omelchenko

- Managing Post-Stroke Sequela: Seizures, Headache, Depression
  Erika Webster and Che Navey

- Becoming a Comprehensive Stroke Center
  Alexandra Graves

- Balancing Provision of Nursing Education with Advanced Practice: The Stroke Unit APP
  Victoria Swatzell and Michelle Whaley

- Stroke Genetics: Implications for APPs
  Ansley Stanfill

For the most current program information, please check the ISC 2019 Mobile Meeting Guide.

We would like to thank Krista Jordan for her time and effort in planning this Advance Practice Providers’ Luncheon.

Thursday, Feb 7, 12:10 pm – 1:30 pm, Room 312

Nursing and Rehabilitation Professionals Luncheon: Life in the Community after Stroke

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

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

Moderator: Jill Cameron, MSc, PhD, Toronto, ON, Canada

- Stroke Rehabilitation: Home Technology for Stroke Patients
  Steven C Cramer, MD, Orange, CA

- Stroke Rehabilitation: Community-based Exercise
  Nancy Salbach, MSc, PhD, Toronto, ON, Canada

- Stroke Rehabilitation: Respite Post-stroke
  Claranne Mathiesen, RN, MSN, Allentown, PA

1:10 – 1:30 Discussion

We would like to thank Jill Cameron, Claranne Mathiesen, Wendy J Smith and the Nursing and Rehabilitation Professions Committee for their time and effort in planning this luncheon.

Thursday, Feb 7, 12:10 pm – 1:30 pm, Room 313 A

Basic Scientists Networking Luncheon

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

12:10 Things I Wish I Had Known Sooner. Tips for Successful Grantsmanship
  James Koenig, PhD, Bethesda, MD

12:20 Q&A

12:25 Defining the Intangibles. Tips for Productive Interactions with the NIH and Beyond
  Francesca Bosetti, PharmD, PhD, Bethesda, MD

12:35 Q&A

12:40 Seeking Out for Right Mentors/Collaborators
  Dandan Sun, MD, PhD, Pittsburgh, PA

12:50 Q&A

12:55 Networking

We would like to thank Francesca Bosetti, James Koenig and Dandan Sun for their time and effort in planning this luncheon.
AWARD INFORMATION

The International Stroke Conference 2019 is pleased to offer awards for investigators in stroke-related research. Selected awardees will present and be acknowledged at the International Stroke Conference.

**William M Feinberg Award for Excellence in Clinical Stroke**
The International Stroke Conference 2019 Program Committee accepted nominations for the 2019 William M Feinberg Award for Excellence in Clinical Stroke. This award recognizes significant contributions to the investigation and management of clinical research in stroke.

**Wednesday, Feb 6, 11:00 am, Hall III**
**William M Feinberg Award for Excellence in Clinical Stroke:**
Thrombolytic Therapy for Ischemic Stroke
Pat Lyden, MD, FAHA, Los Angeles, CA

**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.

**Thursday, Feb 7, 10:30 am, Hall III**
**David G Sherman Lecture:**
Learning from Collaboration
Kennedy Lees, MD, FAHA, Glasgow, United Kingdom

**Stroke Research Mentoring Award**
This annual award recognizes the outstanding achievements in the mentoring of future generations of researchers in the field of cerebrovascular disease. Award recipients will be individuals who have actively engaged in sustained efforts aimed at the mentoring of trainees in the field of stroke.

**Thursday, Feb 7, 10:53 am, Hall III**
**Stroke Research Mentoring Award**
Rebecca Gottsman, MD, FAHA, Bethesda, MD

**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.

**Friday, Feb 8, 11:30 am, Hall III**
**Thomas Willis Lecture:**
Molecular Markers and Mechanisms of Stroke
Frank Sharp, MD, FAHA, Sacramento, CA

**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 6, 9:45 am, Preventive Strategies Oral Abstracts, Kalakaua Ballroom C**
**Robert G Siekert New Investigator Award in Stroke:**
Cerebral Microbleeds and the Effect of Anticoagulation on Outcomes in 3699 Patients With Embolic Strokes of Undetermined Source: An Exploratory Analysis of the NAVIGATE ESUS Trial (41)
Ashkan Shoamanesh, MD, Hamilton, ON, Canada

**Stroke Care in Emergency Medicine Award**
The International Stroke Conference is proud to present the Stroke Care in Emergency Medicine Award. This award is open to investigators at all levels who are an AHA member and submit an abstract in the Emergency Medicine category to the International Stroke Conference.

**Wednesday, Feb 6, 9:57 am, Emergency Care/Systems Oral Abstracts I, Kalakaua Ballroom A**
**Stroke Care in Emergency Medicine Award:**
Safety and Outcomes of Intravenous Tissue Plasminogen Activator in Acute Ischemic Stroke Patients With Recent Stroke: Findings From Get With the Guidelines—Stroke (35)
Shreyarsh Shah, MD, Durham, NC

**Stroke Rehabilitation Award**
Rehabilitation after stroke is an essential part of stroke recovery and helps to enhance and restore functional ability and quality of life to stroke survivors. This award encourages investigators to undertake or continue research and/or clinical work in the field of stroke rehabilitation and submit an abstract to the International Stroke Conference.

**Wednesday, Feb 6, 3:00 pm, Basic and Preclinical Neuroscience of Stroke**
**Stroke Rehabilitation Award:** Interleukin 4 Improves White Matter Repair After Stroke By Promoting Dmegodendrocyte Differentiation (55)
Xiaoming Hu, MD, Pittsburgh, PA

**Vascular Cognitive Impairment Award (Tie)**
Understanding and preventing cognitive impairment due to cerebrovascular disease is one of the highest priorities for patients and a key step to improving brain health. This award encourages investigators to undertake or continue research or clinical work in the field of vascular cognitive impairment and submit an abstract to the International Stroke Conference.

**Thursday, Feb 7, 7:00 am, Vascular Cognitive Impairment Oral Abstracts, Kalakaua Ballroom C**
**Vascular Cognitive Impairment Award (Tie):**
In-Hospital Delirium and Long-Term Cognitive Outcomes Among Patients With Ischemic Stroke: A Population-Based Cohort Analysis (100)
Arvind B Bambhroliya, MBBS, Houston, TX

**Thursday, Feb 7, 7:12 am, Vascular Cognitive Impairment Oral Abstracts, Kalakaua Ballroom C**
**Vascular Cognitive Impairment Award:**
ApoE4 Disrupts Cerebrovascular Microcirculation And Undermines White Matter Integrity And Cognitive Function (101)
Yorito Hattori, MD, PhD, New York, NY

**Stroke Basic Science Award**
The International Stroke Conference is pleased to present the Stroke Basic Science Award. This award is open to investigators at all levels who are an AHA member. The research must be considered basic or translational science and it must be laboratory-based. Applicants must submit an abstract in one of the appropriate categories to the International Stroke Conference.

**Thursday, Feb 7, 8:45 am, Experimental Mechanisms and Models Oral Abstracts I, Room 315**
**Stroke Basic Science Award:**
Amelioration Of Ischemic Stroke Damage Through Inhibition Of Interleukin-6 Signaling With Tocilizumab Requires Sex Specific Dosing (128)
Jacob Hudobenko, MS, Houston, TX

**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 7, 5:35 pm, Basic and Preclinical Neuroscience of Stroke**
**Stroke Rehabilitation Award:** Interleukin 4 Improves White Matter Repair After Stroke By Promoting Dmegodendrocyte Differentiation (55)
Xiaoming Hu, MD, Pittsburgh, PA

**ISC Junior Investigator Travel Grants**
The International Stroke Conference 2019 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 2019, present research in oral or poster format, and engage in discussion with senior investigators.

Application for travel grants for ISC 2020 will take place during the ISC 2020 abstract submission process. You must submit an abstract for ISC 2020 to be eligible to apply for a travel grant.

**The International Stroke Conference 2019 Program Committee would like to thank the AHA’s Stroke Council for their very generous contribution to the ISC 2019 travel grants.**

For complete award information including Lecture titles, please go to the ISC 2019 Mobile Meeting Guide app.
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.

Take Advantage of your benefits, including:

- Savings on registration for AHA Scientific Meetings
- The opportunity to apply for AHA research grants (only members can apply)
- Savings on On-Demand programs
- Access to all 11 AHA scientific journals online*
- and much more

*Depends on membership tier

Want to get involved in a CVSN Committee? Visit professional.heart.org/volunteerform

Visit our staff at HeadQuarters Booth 451 to learn more about the CVSN Council and the benefits belonging to the AHA Professional Membership.

Learn more about the CVSN Council at professional.heart.org/cvsnouncil.
Professional Membership

Become an integral partner with an impactful organization that is leading the way in the mission to improve heart and brain health.

As a member you can benefit from access to:

• Choosing up to three scientific councils*

• 11 online journals*

• Savings for online and in-person learnings

• Grant and research opportunities

• Access to the latest research

• Savings on Stroke OnDemand

and much more.

*depends on membership tier

Receive a gift when you join or renew your AHA Professional Membership at Membership Booth #451 in HeadQuarters.

professional.heart.org/membership
Enter code AJJ002ZZ

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POSTERS

Professor-Led Poster Tours and Regular Poster Sessions

During the ISC 2019 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 Poster Tour Session.

To be a part of a Poster Tour, please turn to pg 54 and pg 96 in the Poster Abstracts section of the Final Program and decide which section/category of posters you would like to attend during each of the two Poster Tour Sessions. Five to 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 62 and pg 103 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 Sessions and the Regular Poster sections.

Posters will be available for viewing in the Poster Hall (Hall I; Level 1) from 8:00 am – 7:00 pm on Wednesday, Feb 6 and from 8:00 am – 7:00 pm on Thursday, Feb 7. The speaker-attended poster sessions will take place at the following times:

Wednesday, Feb 6
Professor-Led Poster Tours 5:30 pm – 6:30 pm
Regular Poster Session 6:30 pm – 7:00 pm

Thursday, Feb 7
Professor-Led Poster Tours 5:30 pm – 6:30 pm
Regular Poster Session 6:30 pm – 7:00 pm

FAHA 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, infants and 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. Download free software to your smartphone and enjoy this 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.
The American Stroke Association is grateful to the members of the 2019 State-of-the-Science Stroke Nursing Symposium Program Committee for their dedication and leadership provided throughout the year planning the program.

Program Committee

Dawn Aycock, BSN, MSN, PhD, Chair
Michelle Camicia, PhD(c), MSN, CRNN, CCM, FAHA, Vice Chair
Terrie Black, DNP, MBA, RN, CRNN, FAHA, CSVN Liaison
Trudy Gaillard, PhD, RN, CDE
Norma D McNair, PhD, RN, ACNS-BC, FAHA
Karen L. Saban, PhD, APRN, RN, CRNN, Immediate Past Chair
Sue Steinbacher, FNP-BC, CHFN, ISC Program Committee Liaison

Program Committee’s Conflict of Interest Information

D Aycock: Research Grant, Modest, “K01 Award”
M Camicia: Research Grant, Modest, Rehabilitation Nursing Foundation, Consultant/Advisory Board, Modest, National Quality Forum - Neurology Standing Committee member
T Black: Employment, Significant, The Joint Commission, Nurse Reviewer, Consultant/Advisory Board, Modest, Editorial Board, Rehabilitation Nursing Journal
T Gaillard: None
N D McNair: Research Grant, Modest, Academy of Medical Surgical Nurses, Consultant/Advisory Board, Modest, National MS Society, American Board of Neuroscience Nursing
K L Saban: None
S Steinbacher: None

Sponsored by the American Heart Association’s Stroke Nursing Committee of the Council on Cardiovascular and Stroke Nursing.

Symposium Description

The State-of-the-Science Stroke Nursing Symposium is a can’t miss forum designed to provide cutting-edge information for nursing, rehabilitation and other healthcare professionals who treat patients and families in all phases of stroke care from prevention to treatment in the emergency department through rehabilitation. The symposium will update and inform the audience about nursing issues along prevention to treatment in the emergency department through rehabilitation. The goals of the program is to share innovative best clinical practices that have been developed to optimize patient outcomes. An exciting plenary program and stimulating break-out sessions are planned to meet educational needs for nurses, rehabilitation and healthcare professionals at various skill levels.

Learning Objectives

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

- Explain practical approaches to treat acute ischemic stroke including:
  - NIHSS and nuances
  - ICU stroke care
  - Stroke imaging and perfusion scanning
  - Stroke etiology and acute stroke complications

- Recognize the unexpected twists in the road during stroke recovery including:
  - Sexuality post-stroke
  - Fatigue and driving after stroke
  - Returning to work and caregiver support

- Summarize various professional education topics including:
  - The latest clinically-relevant topics and tips from top nurse experts
  - Boot Camp Training for stroke coordinators including: competencies and professional education; how to maintain Stroke Certification savvy; and yearly hot topics in stroke
  - How to successfully disseminate stroke knowledge including: how to prepare an excellent abstract; outlining what the basic skills of a published author are; and how to transform your presentation to publication

- Describe advances in clinical research, practice and quality improvement including:
  - Addressing stroke center issues with quality improvement projects (facilitating timely transfers, optimal management of length of stay, preventing long and short-term readmissions)
  - Palliative care and stroke: caring for the whole patient and engaging families early
  - Using biologic markers to personalize treatment for stroke-related symptoms and outcomes including: antibody profiling in stroke; bioenergetics for post-stroke fatigue; and fMRI in post-stroke depression

- Demonstrate how to facilitate admission, progression and discharge for stroke including:
  - The nurse’s role in stroke care transitions: post-acute levels of care and outcomes; building the bridge: acute to post-acute; and optimizing discharge education
  - The benefits of coordinated stroke care post-hospitalization: the approach to close gaps in system of care and the stroke mobile study
  - Infusing technology in rehabilitation and recovery including: using various mobile health strategies and nurses to improve post-stroke hypertension care; and the current state and future needs of mobile technology use after mild stroke

Joint Accreditation Statements

In support of improving patient care, the American Heart Association is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

ANCC Credit Designation Statement – Nurses

The maximum number of hours awarded for this CE activity is 7.00 contact hours.

**ANCC Credit must be claimed within 6 months of attendance. CME/CE credit will no longer be available to claim after August 5, 2019.

Disclosure Policy

All persons who develop and/or control educational content in CME/CE activities provided 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.

We would like to thank Shirley Ryan AbilityLab, formerly the Rehabilitation Institute of Chicago, for sponsoring the Nursing Symposium coffee breaks.

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

TUESDAY, FEBRUARY 5

For the most current program information and speakers, please go to the online Program Planner on strokeconference.org or download the ISC 2019 Mobile Meeting Guide app.

7:30 am – 11:00 am

Main Event

Hall III

Moderators: Dawn M Aycock, PhD, RN, Atlanta, GA
Michelle Camicia, MSN, Vallejo, CA

7:30 Welcome and Opening Remarks from the Stroke Nursing Symposium Program Chair
Dawn M Aycock, PhD, RN, Atlanta, GA

7:35 Council Welcome and Remarks from CSVN Council Chair
Nancy T Artinian, PhD, East Lansing, MI

7:40 Stroke Article of the Year Recipient: Article Highlights early
Barbara J Lutz, PhD, RN, CRNN, FAHA, Wilmington, NC

7:50 – 9:20 am

Style in Acute Ischemic Stroke: Practical Approaches:

7:50 Introduction
Elizabeth M Fox, MSN, ACNP, ACNS, FAHA, Standford, CA

7:55 NIHSS & Nuances
Amy L Pesch, MSN, RN, AGACNP-BC, Milwaukee, WI

8:09 Stroke Etiology and Evaluation
Nicholas Murray, MD, Palo Alto, CA
8:28 Stroke Imaging: What to Use and Why  
Adam Rizvi, MD, Palo Alto, CA

8:47 Management of Stroke Complications in the ICU  
Elizabeth M Fox, MSN, ACNP, ACNS, FAHA, Stanford, CA

9:05 Q&A: Networking of Ideas

9:20 am – 9:35 am  
Short Break

We would like to thank Shirley Ryan AbilityLab, formerly the Rehabilitation Institute of Chicago, for sponsoring this coffee break.

9:35 am – 11:00 am  
Long and Winding Road: The Twists in the Road During Stroke Recovery

9:35 Sexuality Post-stroke  
Deborah A Murphy, DNP, Abington, PA

9:58 Fatigue after Stroke and Driving  
Michelle Sellers, RN, MSN, Philadelphia, PA

10:21 Returning to Work and Caregiver Support  
Deborah Summers, MSN, Kansas City, MO

10:45 Q&A: Networking of Ideas

11:00 am – 12:30 pm  
Lunch – Kalakaua Ballroom A  
A boxed lunch will be provided.

12:30 pm – 4:30 pm  
Concurrent A - Room 314  
Professional Development: Education, Inspiration and Illumination

Moderators: Gayenell S Magwood, PhD, RN, FAAN, FAHA, Charleston, SC  
Karen L Saban, PhD, Mayo, Wood, IL

12:30 pm – 1:30 pm  
Let’s Get Clinical: Learning from Stroke Experts (an ASA and AANN Joint Session)

12:30 Let’s Get Clinical  
Anne W Alexandrov, PhD, Memphis, TN

12:40 Let’s Get Clinical  
JJ Baumann, MS, RN, CCNS-BC, CNRN, SCRN, FNCS, Colorado Springs, CO

12:50 Let’s Get Clinical  
Mary Amatangelo, DNP, RN, ACNP-BC, CCRN, CNRN, SCRN, Boston, MA

1:00 Let’s Get Clinical  
Karen B Seagraves, RN, MS, MPH, ANP-BC, ACNS-BC, FAHA, Marietta, GA

1:10 Q&A: Networking of Ideas

1:30 pm – 2:15 pm  
Boot Camp Training for Stroke Coordinators

1:30 Competencies and Professional Ed  
Brooke Kearins, MSN, CRNP, SCRN, Doylestown, PA

1:42 Maintaining Stroke Certification Savvy  
Erin Conahan, MSN, Allentown, PA

1:54 Yearly Hot Topics in Stroke  
Wendy J Smith, MBA, Cleveland, OH

2:06 Q&A: Networking of Ideas

2:15 pm – 2:30 pm  
Short Break

We would like to thank Shirley Ryan AbilityLab, formerly the Rehabilitation Institute of Chicago, for sponsoring this coffee break.

2:30 pm – 3:30 pm  
Disseminating Your Results from Abstract to Publication: Strategies for Success

2:30 Preparing an Excellent Abstract  
Terrie Black, DNP, Amherst, PA

2:45 Basic Skills of a Published Author  
Pamela H Mitchell, RN, Seattle, WA

3:00 Transforming Presentation to Publication  
Elaine T Miller, PhD, Cincinnati, OH

3:15 Q&A: Networking of Ideas

3:30 Hands-On Curriculum Educates Neuroscience Nurses on Bedside Swallow Screening  
Stephanie Meletis, Univ of Chicago, Chicago, IL  
Diane Malinowski, Univ of Chicago, Chicago, IL

3:45 Electronic Stroke Outcome Reporting to Enhance Practice Improvement and Education Among Emergency Nurses, A Pilot Study  
Kieron Espallart, Vanderbilt Univ Medical Ctr, Nashville, TN  
Michael J Ward, Vanderbilt Univ Medical Ctr, Nashville, TN

4:00 Engaging Nursing Students in Stroke Research & Practice  
Shirley Girouard, SUNY Downstate Coll of Nursing, Brooklyn, NY  
Suzanne Carr, SUNY Downstate Coll of Nursing, Brooklyn, NY

4:45 Discussion

12:30 pm – 4:30 pm  
Concurrent B - Room 313 BC  
Acute Care: Advances in Clinical Research, Practice and Quality Improvement

Moderator: Norma D McNair, RN, Los Angeles, CA  
Pei-Ying Chuang, PhD, Baltimore, MD

12:30 pm – 1:30 pm  
Eating an Elephant One Bite at a Time: Quality Improvement Projects in Stroke

12:30 “Door In, Door Out”  
Lynn L Hundleby, MSN, Louisville, KY

1:00 Readmissions  
Claranne P Mathiesen, MSN, BSN, RN, CNRN, Stroudsburg, PA

1:15 Q&A: Networking of Ideas

1:30 pm – 2:15 pm  
Goals of Care: Engaging Families Early in Difficult Conversations

1:30 Palliative Care and Stroke: Caring for the Whole Patient  
Kieron Espallart, ANP, DNP, Nashville, TN

2:00 Q&A: Networking of Ideas

2:15 pm – 2:30 pm  
Short Break

We would like to thank Shirley Ryan AbilityLab, formerly the Rehabilitation Institute of Chicago, for sponsoring this coffee break.

2:30 pm – 3:30 pm  
Using Biologic Markers to Personalize Treatment for Stroke Related Symptoms and Outcomes

2:30 Antibody Profiling in Stroke  
Taura L Barr, PhD, RN, Morgantown, WV

2:45 Bioenergetics for Post-stroke Fatigue  
Jennifer Kniedinst, RN, PhD, FAHA, Baltimore, MD

3:00 Post-stroke Depression: fMRI  
Nilloufar Niakosari Hadidi, PhD, Minneapolis, MN

3:15 Q&A: Networking of Ideas

3:30 Early and Continued Nursing Care Allows a Fast, Intensive, and Maintained BP Reduction in Patients With Acute Intracerebral Hemorrhage  
Otalia Pancorbo, Vall d’Hebron Univ Hosp, Barcelona, Spain  
David Rodriguez-Luna, Vall d’Hebron Univ Hosp, Barcelona, Spain

3:45 Is The Extended Time Window Approach Safe In Pediatric Ais? Lessons Learned From 3 Cases  
Paua Pergami, CNMC, Washington, DC

4:00 Neuroscience Healthcare professionals want Training for End of Life Management in Catastrophic Stroke Patients  
Mallory Lightford, Memorial Hermann Hosp, Houston, TX  
Nicole Gonzales, McGovern Medical Sch, Houston, TX

4:45 Discussion

12:30 pm – 4:30 pm  
Concurrent C - Room 315  
Rehabilitation & Recovery: Facilitating Admission, Progression and Discharge for Stroke

Moderators: Trudy R Gaillard, RN, MS, PhD, Miami, FL  
Sylvia Coleman, RN, BSN, MPH, CLNC, Winston-Salem, NC

12:30 pm – 1:30 pm  
I Survived a Stroke: What’s Next? The Nurse’s Role in Stroke Care Transitions

12:30 Post-acute Levels of Care and Outcomes  
Michelle Camcic, MSN, Vallejo, CA

12:45 Building the Bridge: Acute to Post-acute  
Patricia Zrelak, PhD, RN, NEA-bc, SCRN, CNRN, Citrus Heights, CA

1:00 Optimizing Discharge Education  
Cherie Willhers, RN, Santa Rosa, CA
1:15 Q&A: Networking of Ideas
1:30 pm – 2:15 pm
The Benefits of Coordinated Stroke Care Post Hospitalization: The Role of the Stroke Mobile Nurse

1:30 Approach to Close Gaps in System of Care
   Wende Fedder, DNP, RN, MBA, Nashville, TN

1:45 Nurse Impact: Stroke Mobile Study
   Antonio Batiquin, RN, New Orleans, LA

2:00 Q&A: Networking of Ideas

2:15 pm – 2:30 pm
Short Break

We would like to thank Shirley Ryan AbilityLab, formerly the Rehabilitation Institute of Chicago, for sponsoring this coffee break.

2:30 pm – 3:30 pm
Infusing Technology in Rehabilitation and Recovery

2:30 Using Home Blood Pressure Telemonitoring to Improve Post-stroke Hypertension Care
   Stephen K Williams, MD, MS, New York, NY

2:45 Mobile Technology Use after Mild Stroke: Current State and Future Needs
   Michelle Nichols, PhD, RN, Charleston, SC

3:00 Phone-based Intervention under Nurse Guidance after Stroke (PINGS)
   Suzanne Burns, OTR, PhD, Denton, TX

3:15 Q&A: Networking of Ideas

3:30 Identifying and Understanding Factors Associated with Post-Stroke Anxiety
   Jennifer Sanner, UT Health Cizik School Nursing, Houston, TX
   Anjail Z Sharrief, UT Health Medical Sch, Houston, TX

3:45 Effectiveness of a Caregiver-Centered Empowerment Program for Chinese Stroke Family Caregivers
   Qiu Xichenhui, Shenzhen Univ, Shenzhen, China
   Alleen W Chan, The Nethersole Sch of Nursing, The Chinese Univ of Hong Kong, Hong Kong, Hong Kong

4:00 Nurse Advocacy in the Development of Outpatient Stroke Clinics: Led and Managed by Nurses
   Amanda James, Medical Univ of South Carolina, Charleston, SC
   Christine Holmstedt, Medical Univ of South Carolina, Charleston, SC

4:15 Q&A: Networking of Ideas

4:45 Discussion

For the most current program information and speakers, please go to the online Program Planner on strokeconference.org or download the ISC 2019 Mobile Meeting Guide app.

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CALL FOR SCIENCE
Thank you for attending the State-of-the-Science Stroke Nursing Symposium 2019. Please don’t forget these important dates for the State-of-the-Science Stroke Nursing Symposium 2020 and the International Stroke Conference 2020:

Submit Session Ideas
Submit your session suggestions for the Stroke Nursing Symposium 2020:

- Suggested Session Submitter Opens: Monday, Feb 11, 2019
- Suggested Session Submitter Closes: Monday, March 11, 2019

Submit Your Best Science for Consideration for the Stroke Nursing Symposium and the International Stroke Conference 2020
Presenting your science at ISC and the Stroke Nursing Symposium offers you many benefits:

- **International Impact:** Media coverage from around the world resulted in nearly 3 billion media impressions from more than 2,000 media stories for ISC 2018.
- **Network with Leaders in the Stroke Field:** Attend ISC and discuss your findings with thousands of stroke research and practice experts from around the globe.
- **Virtual Reach:** ISC 2018 reached 12.4 million people via AHA social media channels and consumer-focused social media had a 412,200 plus engagement.
- **Published Abstracts:** Accepted ISC and Nursing Symposium abstracts will be published online on the Stroke journal Website.
- **Member Benefits:** Member-rate abstract submission fee. Researchers and clinicians of any levels can apply for several abstract-based awards provided they are Members. Student, Trainee and Early Career Authors - please be sure to submit your abstract for award consideration including the Junior Investigator Travel Award Grants. Strokeconference.org/awardsandlectures

The International Stroke Conference includes a Nursing abstract category. You may submit nursing abstracts to both the Stroke 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 Stroke Nursing Symposium.

Submit Abstracts
Submission Opens: Wednesday, May 22, 2019
Submission Closes: Tuesday, Aug 13, 2019

Submit Late-Breaking Science Abstracts and Ongoing Clinical Trials Abstracts
Submission Opens: Wednesday, Oct 9, 2019
Submission Closes: Wednesday, Nov 6, 2019

The link to submit abstracts and/or session ideas can be found at strokeconference.org/submisscience 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.
Save the Date

International Stroke Conference 2020!

Los Angeles Convention Center | Los Angeles, CA

Feb 18 | State-of-the-Science Stroke Nursing Symposium 2020
Feb 18 | ISC Pre-Conference Symposia 2020
Feb 19–21 | International Stroke Conference 2020

Call for Abstracts
May 22–Aug 13, 2019 (11:59 pm CDT)

Late-Breaking Science and Ongoing Clinical Trials Abstract Submission
Oct 9–Nov 6, 2019

Early Registration Deadline:
Dec 31, 2019

Advanced Registration Deadline:
Jan 28, 2020

Housing & Registration Opens:
FAHA/VIP: Oct 9, 2019
Members*: Oct 16, 2019
Nonmembers: Oct 23, 2019

Save on ISC 2020 registration fees!**

Must be an AHA/ASA Professional Member by Oct 2, 2019 to qualify for the opening of priority registration and housing. Registration savings depend on registration level and membership tier.

Learn more at strokeconference.org

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HIGHEST ARTICLE ALTMETRIC SCORE§

4.712
JOURNAL IMPACT FACTOR‡

11.6 Million
ARTICLE DOWNLOADS PER YEAR†

65,854
TOTAL CITES PER YEAR‡

11.6 Million
ARTICLE DOWNLOADS PER YEAR†

4.1 Million
ONLINE VISITS PER YEAR†

3,222
HIGHEST ARTICLE ALTMETRIC SCORE§

4.712
JOURNAL IMPACT FACTOR‡

† Based on 2017 metrics calculated by HighWire Press and Wolters Kluwer.
‡ 2017 Journal Citation Reports (Clarivate Analytics, 2018).
In about one in three ischemic strokes, the root cause is still unknown after testing. That’s when it’s important to dig deeper for a definitive diagnosis. Collaboration by neurologists, cardiologists, electrophysiologists and other integral team members may reveal the answers needed to provide targeted treatment for preventing recurrent strokes. Look for a variety of cryptogenic stroke resources on our website.

StrokeAssociation.org/CS
Learning Objectives

- Discuss uncommon causes of stroke
- Identify and differentiate CNS vasculitis
- Propose treatment options for CNS vasculitis from a rheumatology perspective
- Determine vasculitis, vasospongiasp and atherosclerosis
- Define mechanisms of inherited small vessel ischemic lesions
- Recognize neurocutaneous causes of stroke
- Assess treatment for endocarditis including indications for surgery
- Describe genetic collagen vasculopathies
- Explain the perils and pitfalls in interventions in FMD and MoyaMoya
- Discuss stroke in the transgender patient
- Manage stroke in the cancer patient
- Recognize therapeutic challenges in treating infectious causes of stroke including HIV, VZV, nematodes, tics, and fungal
- Document stroke in pregnancy

Joint Accreditation Statements

In support of improving patient care, this activity has been planned and implemented by the American Heart Association. The American Heart Association is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

AMA Credit Designation Statement – Physicians

The American Heart Association designates this live activity for a maximum of 6.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AAPA Credit Acceptance Statement – 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. Physician assistants may receive a maximum of 6.75 hours of Category 1 credit for completing this program.

AANP Credit Acceptance Statement – Nurse Practitioners

American Academy of Nurse Practitioners (AANP) accepts AMA PRA Category 1 Credit™ from organizations accredited by ACCME.

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

Tuesday, February 5

Stoke in the Real World: In Search of the Big Kahuna: Rare Causes of Stroke

For the most current program information and speakers, please go to the online Program Planner on strokeconference.org or download the Mobile Meeting Guide app.

8:00 am – 11:45 am

Main Event – Kalakaua Ballroom B

8:00 You Had Me at Aloha

Miguel A Perez-Pinzon, PhD, FAHA, Miami, FL

8:05 Hawaii Five O: When the Suspect Is an Uncommon Cause of Stroke

Mitchell S Elkind, MD, New York, NY

8:35 Q&A

8:45 Surfing the Banzai When the Pipe Is Closing Out: Identifying and Distinguishing CNS Vasculitis

Kanjana Perera, MD, Hamilton, ON, Canada

9:30 Q&A

9:40 Surf’s Up: A Rheumatology Perspective on CNS Vasculitis: Discussion and Treatment Options

10:00 Q&A

10:10 Seek to Sea More: Vessel Wall Imaging - Putting It in a Bucket: Do You Really Need a Biopsy? Distinguishing Vasculitis, Vasospongiasp and Atherosclerosis

Bruce A Hasserman, MD, Baltimore, MD

10:40 Q&A

10:50 A Waste of Bait to Go for the Small Fish; Go for the Big Ones: Mechanism of Inherited Small Vessel Ischemic Lesions: Lessons from Genetic Causes

Michael Wang, MD, PhD, Ann Arbor, MI

11:35 Q&A
11:45 am – 1:00 pm

Lunch – Kalakaua Ballroom C
All Faculty (A boxed lunch will be provided.)

1:00 pm – 2:00 pm

Main Event (cont) - Kalakaua Ballroom B
1:00 Kumu: Stroke in the Transgender Patient
1:30 Point Break: Endocarditis: Treatment and Indications for Surgery
Zia Khan, MD, Honolulu, HI
2:00 pm – 2:10 pm
Short Break

2:10 pm – 2:40 pm

Kokua for a Specific Subset of Patients: Concurrent Sessions
Concurrent IA – Room 310 (Lili'u Theater)
In the Soup: Stroke in the Cancer Patient
Babak B Navi, MD, New York, NY
Concurrent IB – Room 311
Hang 10: Therapeutic Challenges in Treating Infectious Causes of Stroke: HIV, VZV, Nematodes, Tics, Fungal
Catherine Amiee-Lefond, MD, Seattle, WA
Concurrent IC – Room 313 A
Making the Drop: Stroke in Pregnancy
Kazuma Nakagawa, MD, Honolulu, HI
2:40 pm – 2:50 pm
Short Break

2:50 pm – 3:20 pm

Kokua for a Specific Subset of Patients: Concurrent Sessions
Concurrent IIA – Room 310 (Lili'u Theater)
In the Soup: Stroke in the Cancer Patient
Babak B Navi, MD, New York, NY
Concurrent IIB – Room 311
Hang 10: Therapeutic Challenges in Treating Infectious Causes of Stroke: HIV, VZV, Nematodes, Tics, Fungal
Catherine Amiee-Lefond, MD, Seattle, WA
Concurrent IIC – Room 313 A
Making the Drop: Stroke in Pregnancy
Kazuma Nakagawa, MD, Honolulu, HI
3:20 pm – 3:30 pm
Short Break

3:30 pm – 5:40 pm

Closing Main Event – Kalakaua Ballroom B
3:30 Cowabunga: Genetic Collagen Vasculopathies
Douglas Gould, PhD, San Francisco, CA
3:55 Q&A
4:00 Tsunami: Perils and Pitfalls in Interventions in FMD and MoyaMoya
B Gregory Thompson, MD, Ann Arbor, MI
4:25 Q&A
4:30 Keep Calm and Surf On - MELAS: From Bench to Bedside
Mary Kay Koenig, MD, Houston, TX
4:55 Q&A
5:00 Shooting the Curls: Neurocutaneous Cause of Stroke – Who Am I?
Mollie McDermott, MD, Ann Arbor, MI
5:25 Q&A
5:30 Mahalo
Louise D McCullough, MD, PhD, FAHA, Houston, TX

For the most current program information and speakers, please go to the online Program Planner on strokeconference.org or download the Mobile Meeting Guide app.

ISC Pre-Conference Symposium II

Stroke in the Lab World: Cutting-Edge Topics in Experimental Stroke Research

TUESDAY, FEBRUARY 5, 2019
HAWAII CONVENTION CENTER
HONOLULU, HAWAII

This Pre-Conference Symposium is being held in conjunction with the International Society of Cerebral Blood Flow and Metabolism (ISCBFM). The ASA would like to thank them for their generous support of and educational contribution to Stroke in the Lab World: Cutting-Edge Topics in Experimental Stroke Research.

The ASA would also like to thank the ISCBFM for their generous support of the travel grants to the Junior Investigators who will be presenting at Stroke in the Lab World: Cutting-Edge Topics in Experimental Stroke Research.

The American Stroke Association is grateful to the members of the ISC 2019 Pre-Conference Symposium II Program Committee for their dedication and leadership provided throughout the year in planning the program.

Program Committee
Sunghee Cho, PhD, Co-Chair
Joseph LaManna, PhD, Co-Chair
Eng Lo, PhD, FAHA
Raghu Vemuganti, PhD
Yongtong Wang, PhD
Bruno Weber, PhD
Midori Yenari, MD, FAHA
Miguel A Perez-Pinzon, PhD, FAHA (ISC Program Committee, Chair)
Louise McCullough, MD, PhD, FAHA (ISC Program Committee, Vice Chair)

Program Committee’s Conflict of Interest Information
J M Lee: None
S Cho: None
J LaManna:
E Lo: None
R Vemuganti:
Employment, Significant, Tenured Professor at Univ. of Wisconsin. Research Grant, Significant, Grants from NIH and VA Honoraria, Modest, Associate Editor of Neurochemistry International.
Y Wang: Research Grant, Modest, Natural Science Foundation of China.
B Weber: None
M Yenari:
Research Grant, Significant, NIH R03 grant, VA Merit grant. Other Research Support, Modest, Gift from CalciMedica, Inc.
M A Perez-Pinzon:
L McCullough:

Symposium Description
While stroke is primarily considered a CNS event, peripheral systems have enormous influence in brain injury development and the recovery process. In this full day symposium, we bring together leaders in the field to discuss how the peripheral gut system and the body's metabolic status influence the pathophysiology of cerebrovascular diseases, including the role of peripheral immune cells in CNS injury and neuroimmune interactions in stroke. We will also address recently developed imaging techniques to visualize neuroinflammation. Additional highlights of this symposium include participation of junior investigators who were selected to meet our mission of fostering young investigators to further advance the stroke field.

**Learning Objectives**

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

- Discuss the complex interaction between the gut and brain in vascular diseases
- Relate the dichotomous role of microbiota in stroke
- Demonstrate the regulatory role of metabolic function in innate response
- Determine the potential benefits of ketone bodies in stroke outcome
- Explain the therapeutic utility of myeloid cells in neuroinflammation in stroke
- Illustrate the role of monocyte-derived macrophage in functional recovery in stroke
- Document imaging as a marker for early network organization
- Assess the use of in vivo imaging and optogenetic tools for structural plasticity in stroke

**Joint Accreditation Statements**

In support of improving patient care, this activity has been planned and implemented by the American Heart Association. The American Heart Association is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

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**AANP Credit Acceptance Statement – Nurse Practitioners**

American Academy of Nurse Practitioners (AANP) accepts AMA PRA Category 1 Credit™ from organizations accredited by ACCME.

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

**Brain-Gut Axis in Stroke**

**Moderator:** Louise D McCullough, MD, PhD, FAHA, Houston, TX

**8:40 Hypertension, Gut, and Neurovascular Dysfunction**

Costantino Iadecola, MD, New York, NY

**9:10 Good and (or) Bad Side of Gut Microbiota in Stroke**

Connie H Y Wong, MD, Clayton, Victoria, Australia

**9:40 Discussion**

**10:10 am – 10:30 am**

Break

**10:30 am – 12:00 pm**

**Ketosis and Metabolic Function**

**Moderator:** Joseph C Lamanna, PhD, Cleveland, OH

**10:30 Regulation of Metabolic Function in Innate Host Response**

Raymond A Swanson, MD, San Francisco, CA

**11:00 Benefits of Ketone Bodies in Stroke Outcome**

Michelle Puchowicz, PhD, Memphis, TN

**11:30 Discussion**

**12:00 – 1:00 pm**

Junior Investigator Session

**12:00 Jr Investigator Presentation 1**

**12:10 Jr Investigator Presentation 2**

**12:20 Jr Investigator Presentation 3**

**12:30 Jr Investigator Presentation 4**

**12:40 Discussion**

**1:00 pm – 2:00 pm**

Lunch – Room 312

A boxed lunch will be provided.

**2:00 pm – 3:30 pm**

Neuroimmune Interaction in Stroke

**Moderator:** Midori A Yenari, MD, San Francisco, CA

**2:00 Inflammation and Resolution in Stroke**

Eduardo Candelario-Jalil, PhD, Gainesville, FL

**2:30 Monocyte-derived Macrophage: Function in Stroke Recovery**

Jun Chen, MD, Pittsburgh, PA

**3:00 Discussion**

**3:30 pm – 3:45 pm**

Break

**3:45 pm – 5:15 pm**

**Imaging Post-stroke Tissue Inflammation and Plasticity**

**Moderator:** Raghu Vemuganti, PhD, Madison, WI

**3:45 Imaging: A Marker for Early Network Organization?**

Jean Claude Baron, MD, Paris, France

**4:15 In Vivo Imaging and Optogenetic Tools for Cortical Circuit Structure and Function in Stroke**

Tim Murphy, PhD, Vancouver, BC Canada

**4:45 Discussion**

**5:15 Closing**

Joseph C LaManna, PhD, Cleveland, OH

A Reception will be held immediately following the close of Pre-Con II for Pre-Con II attendees only. The AHA/ASA would like to thank Louise McCullough for her generous support of this Reception.

For the most current program information and speakers, please go to the online Program Planner on strokeconference.org or download the Mobile Meeting Guide app.

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**Tuesday, February 5**

**Stroke in the Lab World: Cutting-Edge Topics in Experimental Stroke Research**

*For the most current program information and speakers, please go to the online Program Planner on strokeconference.org or download the Mobile Meeting Guide app.*

**8:30 am – 5:20 pm**

**Room 316 BC**

**8:30 Opening**

Sunghee Cho, PhD, White Plains, NY

**8:40 am – 10:25 am**

---
There are lots of ways to describe AFib.
Make sure you know what to listen for.

Patients with atrial fibrillation (AFib) have a 5 times greater risk of stroke. We have guidelines and tools that may help you diagnose faster and more easily support your patients.

For more on how to expand your AFib approach, visit Heart.org/AFibTools
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Articles published in JAHA receive high media impressions. Altmetric scores allow you to easily measure the online impact of your research.

The journal’s Impact Factor is 4.450, which ranks JAHA 36 among 128 journals in the Cardiac & Cardiovascular subject category (2017 Journal Citation Reports Science Edition, Clarivate Analytics, 2018).

Discounted Article Publication Charges for AHA members. For other member benefits, visit professional.heart.org/membership.

Visit: www.ahajournals.org/jaha/author-instructions
Changes to the programming have occurred since the Final Program went to print. For the current, most accurate programming information, please refer to the ISC 2019 Mobile Meeting Guide app. To download the app, search “AHA Conferences” in the App Store or Google Play.
### WEDNESDAY, FEBRUARY 6 (7:00 am – 8:30 am)

<table>
<thead>
<tr>
<th>Category</th>
<th>Experimental Mechanisms and Models</th>
<th>Vascular Cognitive Impairment</th>
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<tbody>
<tr>
<td>Session Title</td>
<td>New Roles for RNA in Stroke: It's Not Just about Protein Translation</td>
<td>Perspectives on Vascular Cognitive Impairment and Dementia</td>
</tr>
<tr>
<td>Session Type</td>
<td>Invited Symposium</td>
<td>Invited Symposium</td>
</tr>
<tr>
<td>Room</td>
<td>Room 315</td>
<td>Room 316 BC</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Ashutosh Dharap, PhD, Edison, NJ, Farida Sohrabji, PhD, Bryan, TX</td>
<td>Eric E Smith, MD, Calgary, AB, Canada</td>
</tr>
<tr>
<td>7:00</td>
<td>EV-derived ncRNAs in Neuroprotection</td>
<td>Stroke, SVD, and Functional and Cognitive Decline</td>
</tr>
<tr>
<td></td>
<td>Julie Saugstad, PhD, Portland, OR</td>
<td>Alessandro Biffi, MD, BD, Boston, MA</td>
</tr>
<tr>
<td>7:19</td>
<td>IGF-1-induced Neuroprotection via ncRNAs</td>
<td>Risk Factors and Prevention Strategies in VCID</td>
</tr>
<tr>
<td></td>
<td>Shameena Bake, PhD, Bryan, TX</td>
<td>Christophe Tzourio, MD, PhD, Bordeaux, France</td>
</tr>
<tr>
<td>7:38</td>
<td>The Circular RNAome in Ischemic Stroke</td>
<td>CAA and VCID</td>
</tr>
<tr>
<td></td>
<td>Suresh Mehta, PhD, Madison, WI</td>
<td>Andreas Charidimou, MD, PhD, Boston, MA</td>
</tr>
<tr>
<td>7:57</td>
<td>Post-stroke Immune Targeting: Clinical Areas Including Non-coding RNAs as Biomarkers</td>
<td>Social Activities and Cognitive Decline</td>
</tr>
<tr>
<td></td>
<td>Glen Jickling, MD, Edmonton, AB, Canada</td>
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</tr>
<tr>
<td>8:16</td>
<td>Discussion</td>
<td>Discussion</td>
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</table>

### Short Break (8:30 am – 8:45 am)

<table>
<thead>
<tr>
<th>Category</th>
<th>Acute Endovascular Treatment</th>
<th>Community/Risk Factors</th>
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<tbody>
<tr>
<td>Session Title</td>
<td>Acute Endovascular Treatment Oral Abstracts I</td>
<td>Community/Risk Factors Oral Abstracts I</td>
</tr>
<tr>
<td>Session Type</td>
<td>Abstract</td>
<td>Abstract</td>
</tr>
<tr>
<td>Room</td>
<td>Kalākaua Ballroom B</td>
<td>Room 311</td>
</tr>
<tr>
<td>7:00</td>
<td>DAWN versus Modified Clinical–ASPECTS Mismatch Selection for Stroke Endovascular Therapy in the Early and Late Time Windows</td>
<td>Increasing Rate of Stroke From Infective Endocarditis Related to Opioid Abuse in the U.S.</td>
</tr>
<tr>
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<td>1</td>
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</tr>
<tr>
<td>7:12</td>
<td>Outcomes After Endovascular Stroke Therapy in High Versus Low Volume Centers</td>
<td>Electronic Cigarette Use is Associated With a Higher Risk of Stroke</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>9</td>
</tr>
<tr>
<td>7:24</td>
<td>Effect of BP Goal on Outcome post Mechanical Thrombectomy: Multicenter Study</td>
<td>Higher Soluble CD14 Level is a Risk Factor for Ischemic Stroke in Black but Not White Participants of the Reasons for Geographical and Racial Differences in Stroke (REGARDS) Study</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>10</td>
</tr>
<tr>
<td>7:36</td>
<td>Endovascular Thrombectomy May Be Safe and Effective in Patients With Large Core Lesions on Either Simple CT or Perfusion Images</td>
<td>Stroke in the Young: Preliminary Results for TempAbstract Trends in the Age of Stroke Incidence in a Large, Bi-Racial Population</td>
</tr>
<tr>
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<td>4</td>
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</tr>
<tr>
<td>7:48</td>
<td>Improved Quality of Life With Endovascular Therapy in the DEFUSE 3 Trial</td>
<td>Day-to-Day Modest Drinking Rather Than Occasional Binge Drinking May Raise Risk of Ischemic Stroke</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>8:00</td>
<td>Results From the DEFUSE 3 Trial: Good Leptomeningeal Collaterals Are Associated With Reduced Core Infarct Size but Not Improved Neurologic Outcome</td>
<td>Risk of Intracerebral Hemorrhage in Pregnancy and the Postpartum Period: A Population Based Analysis using a Cohort-Cross Over Design</td>
</tr>
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<td>6</td>
<td>13</td>
</tr>
<tr>
<td>8:12</td>
<td>Procedural Approaches and Angiographic Signs Predicting First-Pass Recanalization in Patients Treated With Mechanical Thrombectomy for Acute Ischemic Stroke</td>
<td>Is Low Heart Rate Variability, a Marker of Autonomic Dysfunction, the Missing Link Between Migraine With Visual Aura and Cardioembolic Stroke?</td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>14</td>
</tr>
<tr>
<td>8:24</td>
<td>Discussion</td>
<td>Discussion</td>
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</table>
### Wednesday, February 6 (7:00 am – 8:30 am)

<table>
<thead>
<tr>
<th>Category</th>
<th>Clinical Rehabilitation and Recovery</th>
<th>Category: SAH and Other Neurocritical Management</th>
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</thead>
<tbody>
<tr>
<td>Session Title</td>
<td>Plasticity and the Promise of Recovery after Stroke: Novel, Practical and Clinical Considerations</td>
<td>The Changing Face of Subarachnoid Hemorrhage in the ICU</td>
</tr>
<tr>
<td>Session Type</td>
<td>Invited Symposium</td>
<td>Invited Symposium</td>
</tr>
<tr>
<td>Room</td>
<td>Room 313 BC</td>
<td>Kalākaua Ballroom A</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Cathy Stinear, PhD, Auckland, New Zealand</td>
<td>B Gregory Thompson, MD, Ann Arbor, MI</td>
</tr>
<tr>
<td></td>
<td>Heidi Schambra, MD, New York, NY</td>
<td>Aditya Pandey, MD, Ann Arbor, MI</td>
</tr>
<tr>
<td>7:00</td>
<td>Molecular Mechanisms: Are They Important?</td>
<td>Poor Grade SAH: Upward Mobility in Outcomes?</td>
</tr>
<tr>
<td></td>
<td>S Thomas Carmichael, MD, PhD, Los Angeles, CA</td>
<td>Stephan A Mayer, MD, FAHA, New York, NY</td>
</tr>
<tr>
<td>7:19</td>
<td>Changes in the CNS Leading to Recovery</td>
<td>Advances in the Management of Cerebral Vasospasm and DCI</td>
</tr>
<tr>
<td></td>
<td>Randy Nudo, PhD, FAHA, Kansas City, KS</td>
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</tr>
<tr>
<td>7:38</td>
<td>Augmenting Plasticity Enhances Recovery?</td>
<td>The NINDS/NCS Subarachnoid Hemorrhage Common Data Elements Project</td>
</tr>
<tr>
<td></td>
<td>A S Wahl, MD, PhD, Zurich, Switzerland</td>
<td>Jose I Suarez, MD, Baltimore, MD</td>
</tr>
<tr>
<td>7:57</td>
<td>Model of Post-stroke Motor Recovery</td>
<td>Passing the Baton in Hemodynamic and Fluid Management of SAH: From Swan Ganz to Bedside Ultrasound</td>
</tr>
<tr>
<td></td>
<td>Theresa Jones, MD, Austin, TX</td>
<td>Venkatakrishna Rajajee, MD, Ann Arbor, MI</td>
</tr>
<tr>
<td>8:16</td>
<td>Discussion</td>
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### Intracerebral Hemorrhage

<table>
<thead>
<tr>
<th>Category</th>
<th>Intracerebral Hemorrhage Oral Abstracts I</th>
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<tbody>
<tr>
<td>Session Title</td>
<td>Abstract</td>
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<tr>
<td>Room</td>
<td>Kalākaua Ballroom C</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>See ISC 2019 Mobile Meeting Guide app.</td>
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<tr>
<td>7:00</td>
<td>Reduction in Perihematomal Edema Leads to Improved Clinical Outcomes: Results from the MISTIE III Trial</td>
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<tr>
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<tr>
<td>7:12</td>
<td>The Tranexamic Acid for Intracerebral Haemorrhage-2 (TICH-2) Trial: Results of One Year Follow Up Data</td>
</tr>
<tr>
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<td>16</td>
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<tr>
<td>7:24</td>
<td>Apolipoprotein E and Intracerebral Hemorrhage: A Trans-Ethnic Meta-Analysis</td>
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<tr>
<td></td>
<td>17</td>
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<tr>
<td>7:36</td>
<td>Genetically-Determined Cholesterol Levels are Associated with Risk of Spontaneous Intracerebral Hemorrhage</td>
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<tr>
<td></td>
<td>18</td>
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<tr>
<td>7:48</td>
<td>Immune-Response Contributes to Primary Cardiac Dysfunction After Intracerebral Hemorrhage</td>
</tr>
<tr>
<td></td>
<td>19</td>
</tr>
<tr>
<td>8:00</td>
<td>Cross-Phenotype Meta-Analysis of Intracerebral Hemorrhage and Small Vessel Ischemic Stroke Identifies Two</td>
</tr>
<tr>
<td></td>
<td>Novel Genetic Loci at 2q33 and 13q34</td>
</tr>
<tr>
<td>8:12</td>
<td>Effect of Abstract Factor Xa Inhibitors on the Risk of Subdural Hematoma: COMPASS trial Results and Systematic Review</td>
</tr>
<tr>
<td>8:24</td>
<td>Discussion</td>
</tr>
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</table>

**Short Break (8:30 am – 8:45 am)**

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Due to meeting location, the Final Program went to print very early. For the most current programming information, please check the ISC 2019 Mobile Meeting Guide app or the online Program/Itinerary Planner located on the ISC Web site at strokeconference.org. To download the app, search “AHA Conferences” in the App Store or Google Play.

For the complete Author Block of an oral, moderated poster, or poster abstract (including the Conflict of Interest information), please check the ISC 2019 Mobile Meeting Guide app, 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.
### Intracerebral Hemorrhage Nursing

<table>
<thead>
<tr>
<th>Session Title</th>
<th>Big Picture on Intracerebral Hemorrhage: Practical Implications and Future Outlook</th>
<th>It’s Not “One Size Fits All”: Emerging Issues in Caregiving</th>
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<tbody>
<tr>
<td>Session Type</td>
<td>Invited Symposium</td>
<td>Invited Symposium</td>
</tr>
<tr>
<td>Room</td>
<td>Room 316 BC</td>
<td>Room 313 BC</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>James C Grotta, MD, Houston, TX, Thorsten G Steiner, MD, PhD, Heidelberg, Germany</td>
<td>Patricia Zrelak, Sacramento, CA, Barbara J Lutz, PhD, RN, Wilmington, NC</td>
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<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>8:45</td>
<td>Outcomes Determinants Considering Modern Stratification and Hemorrhage Expansion</td>
<td>Room 316 BC</td>
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<tr>
<td>9:04</td>
<td>Seal the Leak: Blood Pressure and Procoagulants, Promise and Limitations</td>
<td>Room 313 BC</td>
</tr>
<tr>
<td></td>
<td>Nikola Sprigg, MB, ChB, Nottingham, United Kingdom</td>
<td></td>
</tr>
<tr>
<td>9:23</td>
<td>Intracranial Pressure and Cerebral Perfusion: Impact in ICH?</td>
<td>Room 313 BC</td>
</tr>
<tr>
<td></td>
<td>Wendy C Zai, MD, MPH, Baltimore, MD</td>
<td></td>
</tr>
<tr>
<td>9:42</td>
<td>Removing the Clot and Big Picture Future Outlook</td>
<td>Room 313 BC</td>
</tr>
<tr>
<td></td>
<td>Daniel F Hanley, MD, FAHA, Baltimore, MD</td>
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### Basic and Preclinical Neuroscience of Stroke Recovery

<table>
<thead>
<tr>
<th>Session Title</th>
<th>Basic and Preclinical Neuroscience of Stroke Recovery Oral Abstract I</th>
<th>Emergency Care/Systems Oral Abstract I</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session Type</td>
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<td>Abstract</td>
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<tr>
<td>Room</td>
<td>Room 311</td>
<td>Kalākaua Ballroom A</td>
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<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Room</th>
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<tbody>
<tr>
<td>8:45</td>
<td>Apoptosis Signal-Regulating Kinase 1 (ASK1) is a Novel Master Molecular Switch Controlling Microglia/Macrophage Reactions That Impact Short- and Long-Term Stroke Outcomes</td>
<td>Room 311</td>
</tr>
<tr>
<td></td>
<td>Low Socioeconomic Status and Longer Home-to-Hospital Distances Are Associated With Less Timely Treatment of Ischemic Stroke</td>
<td>Kalākaua Ballroom A</td>
</tr>
<tr>
<td>8:57</td>
<td>Circulating Peripheral Factors Induce Age-Related Epigenetic Changes in Microglia Which Induces a Primed Phenotype</td>
<td>Room 311</td>
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<tr>
<td></td>
<td>Safety and Feasibility of the “Flying Intervention Team” Model for Endovascular Thrombectomy in Rural Areas: Pilot Phase</td>
<td>Kalākaua Ballroom A</td>
</tr>
<tr>
<td>9:09</td>
<td>Optogenetic Stimulation of Excitatory Motor Cortex Neurons Promotes Functional Recovery After Stroke</td>
<td>Room 311</td>
</tr>
<tr>
<td></td>
<td>Magnitude of Benefit of Prehospital Mobile Stroke Unit vs Conventional ED Thrombolysis: Final Estimate Based on PHANTOM-S Observational Registry Study</td>
<td>Kalākaua Ballroom A</td>
</tr>
<tr>
<td>9:21</td>
<td>Promoting Recovery After Stroke by Manipulating NMDA Receptor-Associated Signalling in the Early Post Stroke Phase</td>
<td>Room 311</td>
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<tr>
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<td>“Rendezvous System” for Broadening a Mobile Stroke Unit Catchment Area</td>
<td>Kalākaua Ballroom A</td>
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<tr>
<td>9:33</td>
<td>Stroke Impairs Epithelial Microfold Cells in Intestinal Peyer’s Patches</td>
<td>Room 311</td>
</tr>
<tr>
<td></td>
<td>FAST-ED Based Pre-Hospital Stroke Triage System Improves Endovascular Treatment Times, Especially off Hours</td>
<td>Kalākaua Ballroom A</td>
</tr>
<tr>
<td>9:45</td>
<td>Mir-494 Elicits Tht1 Shift and Neurotoxic Responses to Promote Acute Ischemic Brain Injurythrough Targeting Hdaec2</td>
<td>Room 311</td>
</tr>
<tr>
<td></td>
<td>Outcomes of Thrombolysis on Mobile Stroke Unit</td>
<td>Kalākaua Ballroom A</td>
</tr>
<tr>
<td>9:57</td>
<td>Transcriptomic Profiling of Microglia in Acute and Delayed Phases Following Ischemic Stroke</td>
<td>Room 311</td>
</tr>
<tr>
<td></td>
<td>Safety and Outcomes of Intravenous Tissue Plasminogen Activator in Acute Ischemic Stroke Patients With Recent Stroke: Findings From Get With the Guidelines-Stroke</td>
<td>Kalākaua Ballroom A</td>
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</table>

10:09 Discussion | Discussion
### Basic and Preclinical Neuroscience of Stroke Recovery

**Session Title:** Pericytes in Stroke: New Kids on the Block  
**Category:** Basic and Preclinical Neuroscience of Stroke Recovery  
**Room:** Room 315 Kalākaua Ballroom B

### Diagnosis of Stroke Etiology

**Session Title:** Small Vessel Disease: A Big Impact on Aged Society  
**Session Type:** Invited Symposium  
**Category:** Diagnosis of Stroke Etiology  
**Room:** Kalākaua Ballroom B

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:45</td>
<td>Pericytes and Transporter Trafficking</td>
<td>Patrick Ronaldson, PhD, Tucson, AZ</td>
</tr>
<tr>
<td></td>
<td>Race, Ethnicity and Cerebral Small Vessel Diseases</td>
<td>Jay Choi, MD, PhD, Jeju-si, Korea, Republic of</td>
</tr>
<tr>
<td>9:04</td>
<td>Pericytes and Cerebral Blood Flow</td>
<td>Turgay Dalkara, MD, PhD, Ankara, Turkey</td>
</tr>
<tr>
<td></td>
<td>Advanced Neuroimaging of Small Vessel Diseases</td>
<td>Yusuke Yakushiji, MD, PhD, Saga, Japan</td>
</tr>
<tr>
<td>9:23</td>
<td>Imaging Pericytes in Vivo</td>
<td></td>
</tr>
<tr>
<td>9:42</td>
<td>Pericyte Transdifferentiation in Stroke</td>
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<tr>
<td>10:01</td>
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### Preventive Strategies

**Session Title:** Preventive Strategies Oral Abstract  
**Category:** Preventive Strategies

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Abstract</th>
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<tbody>
<tr>
<td>8:45</td>
<td>Direct Oral Anticoagulant Underdosing Increases Rates of Stroke and Myocardial Infarction With No Reduction in Bleeding Rate</td>
<td>36</td>
</tr>
<tr>
<td>8:57</td>
<td>Secondary Stroke Prevention With Aspirin and Clopidogrel in CYP2C19*17 Carriers Increases Risk of Major Non-CNS Bleeding</td>
<td>37</td>
</tr>
<tr>
<td>9:09</td>
<td>Racial Differences in Intracerebral Hemorrhage Risk: The REasons for Geographic and Racial Differences in Stroke Study (REGARDS)</td>
<td>38</td>
</tr>
<tr>
<td>9:21</td>
<td>Effect of Herpes Zoster Vaccination and Antiviral Treatment on Risk of Ischemic Stroke among Older Adults</td>
<td>39</td>
</tr>
<tr>
<td>9:33</td>
<td>Risk of Recurrent Stroke by Fazekas Category and Relationship With Intensive Blood Pressure Reduction: A Secondary Analysis of the SPS-3 Trial</td>
<td>40</td>
</tr>
<tr>
<td>9:45</td>
<td>Cerebral Microbleeds and the Effect of Anticoagulation on Outcomes in 3699 Patients With Embolic Strokes of Undetermined Source: An Exploratory Analysis of the NAVIGATE ESUS Trial</td>
<td>41</td>
</tr>
<tr>
<td>9:57</td>
<td>CAS versus CEA Treatment Differences in Long-Term Outcomes and Post-Procedural Durability: the Carotid Stenosis Trialist Collaboration (CSTC)</td>
<td>42</td>
</tr>
<tr>
<td>10:09</td>
<td>Discussion</td>
<td></td>
</tr>
</tbody>
</table>

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### Invited Symposium

**Session Title**
Opening Main Event

**Session Type**
Invited Symposium

**Room**
Hall III

**Moderator(s)**
Miguel A Perez-Pinzon, PhD, FAHA, Miami, FL  
Louise McCullough, MD, PhD, FAHA, Houston TX

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30</td>
<td>Welcome and Introduction of AHA/ASA President</td>
</tr>
<tr>
<td>10:35</td>
<td>AHA Presidential Address</td>
</tr>
<tr>
<td>10:50</td>
<td>ISC Program Chair's Welcome</td>
</tr>
<tr>
<td>11:00</td>
<td>Introductions of the William M Feinberg Award for Excellence in Clinical Stroke</td>
</tr>
<tr>
<td>11:03</td>
<td>William Feinberg Award for Excellence in Clinical Stroke</td>
</tr>
<tr>
<td>11:23</td>
<td>Stroke Hyperglycemia Insulin Network Effort (SHINE) Trial Primary Results</td>
</tr>
<tr>
<td>11:35</td>
<td>Glyceryl Trinitrate for Pre-hospital Ultra-acute Stroke: Main Results From the Rapid Intervention With Glyceryl Trinitrate in Hypertensive Stroke Trial-2 (RIGHT-2)</td>
</tr>
<tr>
<td>11:59</td>
<td>Closing Remarks</td>
</tr>
</tbody>
</table>

**Short Break (12 Noon – 1:30 PM)**

**12:10 pm – 1:30 pm**

Science and Technology Hall (Exhibits)/Lunch Break  
Hall II

**Fellow and Early Career Women in Stroke Mentoring Luncheon**  
Room 313 A  
(Ticket required; seating is limited.)

Facilitators:
Alexandra L Czap, MD, Houston, TX  
Erica M Jones, MD, MPH, Houston, TX

**Table Topics will include:**
- Beyond Residency: Fellowship and Training Programs
- Research: Navigating Grants and Lab Startup
- Career Search: Gauging Needs Against What Programs Have to Offer
- Contract Negotiation: Pitfalls and Opportunities
- Work-Life Balance: Caring for Your Career and Family
- Mentorship: Finding and Establishing Professional Mentors
- Academic versus Private Practice
- Burnout and Resilience: Strategies for Enhancing Wellbeing

**Advance Practice Providers’ Luncheon**
Room 312  
(Ticket required; seating is limited.)

**APP Research and Scholarship**
Anne Alexandrov

**APPs as Mobile Stroke Unit Providers**
Skye Coote and Wendy Dusenbury

**APP Practice in Vascular Neurosurgery Outpatient Clinics**
Natalie Hall

**APP Practice in Stroke Outpatient Clinic**
Ayeshia Wright

**APPs as Telemedicine Providers**
Elizabeth (Betsy) Wise and Terri-Ellen Kiernan

**APPs as ED Acute Stroke Leaders**
Jennifer Patterson

**APPs as Service Line Managers**
Karen Seagraves

**Orienting New APPs to Acute Stroke Clinical Practice**
Jennifer Bonner

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*We would like to thank Alexandra L Czap and Erica Jones for their time and effort in planning this Fellow and Early Career Women in Stroke Mentoring Luncheon.*
APP Practice & Role Issues in Neurocritical Care
Sarah Livesay

NICU Orientation for APPs
Michele Starr

Balancing Roles: APPs as Stroke Coordinators and Clinical Practitioners
Nataliya Omelchenko

Managing Post-Stroke Sequela: Seizures, Headache, Depression
Erika Webster and Che Navey

Becoming a Comprehensive Stroke Center
Alexandra Graves

Balancing Provision of Nursing Education with Advanced Practice: The Stroke Unit APP
Victoria Swatzell and Michelle Whaley

Stroke Genetics: Implications for APPs
Ansley Stanfill

For the most current program information, please check the ISC 2019 Mobile Meeting Guide.

We would like to thank Krista Jordan for her time and effort in planning this Advance Practice Providers’ Luncheon.
## WEDNESDAY, FEBRUARY 6 (1:30 pm – 2:30 pm)

<table>
<thead>
<tr>
<th>Category</th>
<th>Vascular Biology in Health and Disease</th>
<th>Vascular Biology in Health and Disease</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Session Title</strong></td>
<td>Blood Brain Barrier: Mechanisms and Opportunities for ICH</td>
<td>Functional Implications of Chronic Disorders for CBF Regulation and Stroke Outcome</td>
</tr>
<tr>
<td><strong>Session Type</strong></td>
<td>Invited Symposium</td>
<td>Invited Symposium</td>
</tr>
<tr>
<td><strong>Room</strong></td>
<td>Room 311</td>
<td>Kalākaua Ballroom C</td>
</tr>
<tr>
<td><strong>Moderator(s)</strong></td>
<td>Richard Keep, PhD, Ann Arbor, MI</td>
<td>See ISC 2019 Mobile Meeting Guide app.</td>
</tr>
<tr>
<td></td>
<td>Lauren Sansing, MD, MS, New Haven, CT</td>
<td></td>
</tr>
<tr>
<td><strong>1:30</strong> Pathways and Protection</td>
<td>Jaroslaw Aronowski, PhD, MD, Houston, TX</td>
<td>Metabolic Syndrome and Secondary Thrombosis Jialing Liu, PhD, San Francisco, CA</td>
</tr>
<tr>
<td><strong>1:42</strong> Repair and Recovery</td>
<td>John H Zhang, MD, PhD, Loma Linda, CA</td>
<td>Cerebral Blood Flow at the Microvascular Level Andy Shih, PhD, Charleston, SC</td>
</tr>
<tr>
<td><strong>1:54</strong> Clinical Trials and Translation</td>
<td>Magdy Selim, MD, PhD, Boston, MA</td>
<td>Hyperlipidemia and Perfusion Deficits</td>
</tr>
<tr>
<td><strong>2:06</strong> Translation Trials to Protect BBB after ICH</td>
<td>Rajiv R Ratan, MD, PhD, White Plains, NY</td>
<td>Cerebrovascular Dysfunction, Sex and Diabetes Adiye Ergul, MD, PhD, FAHA, Charleston, SC</td>
</tr>
<tr>
<td><strong>2:18</strong> Discussion</td>
<td>Discussion</td>
<td>Discussion</td>
</tr>
</tbody>
</table>

## WEDNESDAY, FEBRUARY 6 (1:30 pm – 2:30 pm)

<table>
<thead>
<tr>
<th>Category</th>
<th>Aneurysm</th>
<th>Diagnosis of Stroke Etiology</th>
</tr>
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<tbody>
<tr>
<td><strong>Session Title</strong></td>
<td>Abstract</td>
<td>Diagnosis of Stroke Etiology Oral Abstract I</td>
</tr>
<tr>
<td><strong>Room</strong></td>
<td>Kalākaua Ballroom A</td>
<td>Room 316 BC</td>
</tr>
<tr>
<td><strong>1:30</strong> Characteristics of Intracranial Cerebral Aneurysms According to the Coronary Artery Calcium</td>
<td>43</td>
<td>Incidence of Cervical Artery Dissection Across Age Groups 47</td>
</tr>
<tr>
<td><strong>1:42</strong> Histopathological Interpretation of Vessel Wall Imaging of Intracranial Aneurysms</td>
<td>44</td>
<td>Digital Brain Maps of 1018 Acute Supratentorial Large Artery Atherosclerotic Infarction 48</td>
</tr>
<tr>
<td><strong>1:54</strong> Treatment Trends and Clinical Outcomes for Unruptured Cerebral Aneurysms in High vs Low Volume Centers</td>
<td>45</td>
<td>White Matter Hyperintensity Spatial Pattern Variations reflect distinct Cerebral Small Vessel Disease Pathologies 49</td>
</tr>
<tr>
<td><strong>2:06</strong> Interrelationship Between Lacunes and Cortical Microinfarcts in Cerebral Amyloid Angiopathy</td>
<td>46</td>
<td>Interrelationship Between Lacunes and Cortical Microinfarcts in Cerebral Amyloid Angiopathy 50</td>
</tr>
<tr>
<td><strong>2:18</strong> Discussion</td>
<td>Discussion</td>
<td>Discussion</td>
</tr>
</tbody>
</table>

Science and Technology Hall (Exhibits)/Break Hall II (2:30 pm – 3:00 pm)
### WEDNESDAY, FEBRUARY 6 (1:30 pm – 2:30 pm)

<table>
<thead>
<tr>
<th>Category</th>
<th>Acute Endovascular Treatment</th>
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</thead>
<tbody>
<tr>
<td>Session Title</td>
<td>I Know the Best Way to Select Patients and Perform Stroke Thrombectomy (an ASA and Stroke Society of Australasia Joint Symposium)</td>
</tr>
<tr>
<td>Session Type</td>
<td>Debate</td>
</tr>
<tr>
<td>Room</td>
<td>Kalikaua Ballroom B</td>
</tr>
</tbody>
</table>
| Moderator(s) | Stephen M Davis, MD, Parkville, Australia  
Mark Fisher, MD, Orange, CA |
| 1:30 | Selection for Thrombectomy in Patients with Pre-existing Intracranial Atherosclerotic Disease  
Xin Cheng, MD, PhD, Shanghai, China |
| 1:42 | Selection for Thrombectomy Using Multi-modal Imaging  
Mark Parsons, MD, PhD, FRACP, Parkville, Australia |
| 1:54 | Thrombectomy for Mild Strokes (Low NIHSS)  
Pooja Khatri, MD, Cincinnati, OH |
| 2:06 | Direct Thrombectomy: Removing Adjunct IV Thrombolysis  
Bernard Yan, DMedSci, FRACP, MBBS, Parkville, Australia |
| 2:18 | Discussion |

### Town Hall Forum: Women in Stroke

- Room 313 BC
- 1:30 pm – 2:30 pm

### Pediatric Stroke

<table>
<thead>
<tr>
<th>Category</th>
<th>Pediatric Stroke</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session Title</td>
<td>Pediatric Stroke Oral Abstract</td>
</tr>
<tr>
<td>Session Type</td>
<td>Abstract</td>
</tr>
<tr>
<td>Room</td>
<td>Room 315</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Edip M Gurol, MD, Boston, MA</td>
</tr>
</tbody>
</table>
| 1:30 | Aging and Metabolic Stress Are Associated With Disrupted White Matter Integrity in Children and Young Adults With Sickle Cell Disease  
51 |
| 1:42 | Inflammatory Biomarkers Correlate With Etiology in Childhood Arterial Ischemic Stroke  
52 |
| 1:54 | Reorganization of Functional Language Networks Following Neonatal Arterial Ischemic Stroke  
53 |
| 2:06 | Utility of Automated Perfusion-diffusion Magnetic Resonance Imaging in Acute Childhood Arterial Ischaemic Stroke  
54 |
| 2:18 | Discussion |

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### Category: Community/Risk Factors

**Session Title:** CED Talks (Cerebrovascular Education and Discovery)  
**Session Type:** Invited Symposium  
**Room:** Kalākaua Ballroom B  
**Moderator(s):** Miguel A Perez-Pinzon, PhD, FAHA, Miami, FL, Louise D McCullough, MD, PhD, FAHA, Houston, TX, Salvador Cruz-Flores, MD, MPH, El Paso, TX

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker(s)</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00</td>
<td>Global Burden of Stroke and Its Cost</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:10</td>
<td>The Cost of Stroke in South America</td>
<td>Sheila Martini, PhD, Porto Alegre, Brazil</td>
<td></td>
</tr>
<tr>
<td>3:20</td>
<td>Acute Treatment vs Prevention on Budget</td>
<td>Hugo Aparicio, MD, MSc, PhD, Auckland, New Zealand</td>
<td></td>
</tr>
<tr>
<td>3:30</td>
<td>Convincing Government of the Global Imperative for Prevention</td>
<td>Valery Feigin, MD, MSc, PhD, FAAN, Auckland, New Zealand</td>
<td></td>
</tr>
<tr>
<td>3:40</td>
<td>Low Cost Stroke Unit Models in Asia</td>
<td>Jeyaraj D Pandian, MD, Ludhiana, India</td>
<td></td>
</tr>
</tbody>
</table>

### Category: Basic and Preclinical Neuroscience of Stroke Recovery

**Session Title:** Basic and Preclinical Neuroscience of Stroke Recovery Oral Abstracts II  
**Session Type:** Abstract  
**Room:** Room 315  
**Moderator(s):** See ISC 2019 Mobile Meeting Guide app.

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker(s)</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00</td>
<td>Interleukin 4 Improves White Matter Repair After Stroke By Promoting Oligodendrocyte Differentiation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:12</td>
<td>Diabetic Stroke Promotes a Sexual Dimorphic Expansion of Circulating and Cerebrovascular Th17 Cells in Female Rats</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:24</td>
<td>Exosomes Derived From Ischemic Cerebral Endothelial Cells Promote Axonal Growth</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:36</td>
<td>Neuronal Activation of Ras-Related C3 Botulinum Toxin Substrate 1 (Rac1) Improves Post-Stroke Recovery and Axonal Plasticity in Mice</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:48</td>
<td>Discussion</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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**Short Break (4:00 pm – 4:15 pm)**
<table>
<thead>
<tr>
<th>Category</th>
<th>Clinical Rehabilitation and Recovery</th>
<th>Emergency Care Systems</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session Title</td>
<td>Post-stroke Psychiatric Symptoms</td>
<td>Telestroke Systems in the Endovascular Era: Extending the Extended Window (an ASA and American Academy of Neurology Joint Symposium)</td>
</tr>
<tr>
<td>Session Type</td>
<td>Invited Symposium</td>
<td>Invited Symposium</td>
</tr>
<tr>
<td>Room</td>
<td>Room 313 BC</td>
<td>Room 316 BC</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Craig Anderson, MD, PhD, Sydney, Australia</td>
<td>Nicole Chiota-McCollum, MD, MEd, Charlottesville, VA, Eric B Anderson, MD, PhD, Saint Petersburg, FL</td>
</tr>
<tr>
<td>3:00</td>
<td>Depression</td>
<td>Telestroke as a Tool for Prehospital Triage</td>
</tr>
<tr>
<td></td>
<td>Sherita Chapman, MD, Charlottesville, VA</td>
<td>Sherrita Chapman, MD, Charlottesville, VA</td>
</tr>
<tr>
<td>3:12</td>
<td>Apathy and Delirium</td>
<td>Telestroke as a Tool for Interfacility Endovascular Transfers</td>
</tr>
<tr>
<td></td>
<td>Lawrence Wechsler, MD, Pittsburgh, PA</td>
<td>Lawrence Wechsler, MD, Pittsburgh, PA</td>
</tr>
<tr>
<td>3:24</td>
<td>Anger</td>
<td>Multimodal Imaging in Telestroke Systems of Care</td>
</tr>
<tr>
<td></td>
<td>Johanna L Morton, MD, MS, Austin, TX</td>
<td>Johanna L Morton, MD, MS, Austin, TX</td>
</tr>
<tr>
<td>3:36</td>
<td>Pharmacological Treatment</td>
<td>Endovascular Therapy in Resource Limited Countries: Can Telestroke Help?</td>
</tr>
<tr>
<td></td>
<td>Jong S Kim, MD, Seoul, Korea, Republic of</td>
<td>Sombat Muengtaweepongsa, MD, Pathum Thani, Thailand</td>
</tr>
<tr>
<td>3:48</td>
<td>Discussion</td>
<td>Discussion</td>
</tr>
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**Short Break (4:00 pm – 4:15 pm)**
### Wednesday, February 6 (4:15 pm – 5:15 pm)

<table>
<thead>
<tr>
<th>Category</th>
<th>Nursing</th>
<th>Aneurysm</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Session Title</strong></td>
<td>Superwoman Syndrome: Racial/Ethnic Disparities in Stroke</td>
<td>What Do I Do with this Aneurysm?</td>
</tr>
<tr>
<td><strong>Session Type</strong></td>
<td>Invited Symposium</td>
<td>Invited Symposium</td>
</tr>
<tr>
<td><strong>Room</strong></td>
<td>Room 313 BC</td>
<td>Kalākaua Ballroom B</td>
</tr>
<tr>
<td><strong>Moderator(s)</strong></td>
<td>Dawn M Aycock, PhD, RN, ANP-BC, Atlanta, GA, Trudy Gallard, RN, Miami, FL</td>
<td>Sepideh Amin-Hanjani, MD, Chicago, IL</td>
</tr>
<tr>
<td><strong>4:15</strong></td>
<td>Stroke Risk and Outcomes in Minority Women</td>
<td>What Aneurysms Should I Treat?</td>
</tr>
<tr>
<td></td>
<td>Stacie Demel, DO, PhD, Cincinnati, OH</td>
<td>Nima Etminan, MD, Mannheim, Germany</td>
</tr>
<tr>
<td><strong>4:27</strong></td>
<td>RISE to Prevent Stroke in Black Women</td>
<td>What Aneurysms Should I Leave Alone?</td>
</tr>
<tr>
<td></td>
<td>Karen Saban, PhD, Maywood, IL</td>
<td>Giuseppe S Lanzino, MD, Rochester, MN</td>
</tr>
<tr>
<td><strong>4:39</strong></td>
<td>Post-stroke Needs of Minority Women</td>
<td>Is There Still a Role for Clipping?</td>
</tr>
<tr>
<td></td>
<td>Gayenell Magwood, PhD, RN, FAAN, PAHA, Charleston, SC</td>
<td></td>
</tr>
<tr>
<td><strong>4:51</strong></td>
<td>Family Caregiving in Minority Women</td>
<td>Newer Endovascular Techniques for Aneurysm Therapy</td>
</tr>
<tr>
<td></td>
<td>Barbara Lutz, PhD, RN, Wilmington, NC</td>
<td>Laurent Spelle, MD, PhD, Paris, France</td>
</tr>
<tr>
<td><strong>5:03</strong></td>
<td>Discussion</td>
<td>Discussion</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Category</th>
<th>Clinical Rehabilitation and Recovery</th>
<th>Health Services, Quality Improvement, and Patient-Centered Outcomes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Session Title</strong></td>
<td>Clinical Rehabilitation and Recovery Oral Abstract I</td>
<td>Health Services, Quality Improvement, and Patient-Centered Outcomes Oral Abstract I</td>
</tr>
<tr>
<td><strong>Session Type</strong></td>
<td>Abstract</td>
<td>Abstract</td>
</tr>
<tr>
<td><strong>Room</strong></td>
<td>Kalākaua Ballroom C</td>
<td>Room 315</td>
</tr>
<tr>
<td><strong>4:15</strong></td>
<td>Contributions of the Unaffected Hemisphere to Outcome Predictions of Acute Aphasia</td>
<td>The Impact of 3-month Functional Outcome on Healthcare Expenditure During the 5 Years After Acute Ischemic Stroke</td>
</tr>
<tr>
<td></td>
<td>67</td>
<td>71</td>
</tr>
<tr>
<td><strong>4:27</strong></td>
<td>Objective Measures of Improvement From Intensive Communication Therapy by Treatment Duration, Dose, and Density</td>
<td>Early Outpatient Followup With Primary Care is Associated With Lower Readmission at 30 and 90 days in Patients With Ischemic Stroke</td>
</tr>
<tr>
<td></td>
<td>68</td>
<td>72</td>
</tr>
<tr>
<td><strong>4:39</strong></td>
<td>The Influence of Motor Cortex Inhibition on Upper Limb Recovery: A Multimodal Study</td>
<td>The True Cost of Stroke: Assessment of Direct and Indirect Cost of Stroke Among All Age Groups in United States of America From 2003 to 2014</td>
</tr>
<tr>
<td></td>
<td>69</td>
<td>73</td>
</tr>
<tr>
<td><strong>4:51</strong></td>
<td>See ISC 2019 Mobile Meeting Guide app.</td>
<td>The Role of Race in Comfort Care Determination After Acute Ischemic Stroke</td>
</tr>
<tr>
<td></td>
<td></td>
<td>74</td>
</tr>
<tr>
<td><strong>5:13</strong></td>
<td>Discussion</td>
<td>Discussion</td>
</tr>
</tbody>
</table>

**Short Break (5:15 pm – 5:30 pm)**
## WEDNESDAY, FEBRUARY 6 (4:15 pm – 5:15 pm)

<table>
<thead>
<tr>
<th>Category</th>
<th>Acute Nonendovascular Treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session Title</td>
<td>What’s Old Is New Again: Neuroprotection for Stroke in 2019</td>
</tr>
<tr>
<td>Session Type</td>
<td>Invited Symposium</td>
</tr>
<tr>
<td>Room</td>
<td>Kalākaua Ballroom A</td>
</tr>
</tbody>
</table>
| Moderator(s) | Andrew M Demchuk, MD, Calgary, AB, Canada  
Jean Claude Baron, MD, Paris, France |
| 4:15 | Neuro-protection in the Pre-hospital Setting  
Nerses Sanossian, MD, Los Angeles, CA |
| 4:27 | Expanding Time Window for Thrombectomy: Neuro-protection in the Era of EVT  
Michael D Hill, MD, Calgary, AB, Canada |
| 4:39 | Preventing Reperfusion Injury: Neuro-protection after Acute Stroke Treatment  
Lauren Sansing, MD, MS, New Haven, CT |
| 4:51 | Vasculo-protection for Stroke  
Angel Chamorro, MD, PhD, Barcelona, Spain |
| 5:03 | Discussion |

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<table>
<thead>
<tr>
<th>Category</th>
<th>Intracerebral Hemorrhage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session Title</td>
<td>Intracerebral Hemorrhage Oral Abstract II</td>
</tr>
<tr>
<td>Session Type</td>
<td>Abstract</td>
</tr>
<tr>
<td>Room</td>
<td>Room 316 BC</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>See ISC 2019 Mobile Meeting Guide app.</td>
</tr>
</tbody>
</table>
| 4:15 | Predictors of Poor Outcome After Intracerebral Hemorrhage: Ethnic/Racial Variations of Intracerebral Hemorrhage (ERICH) Study  
79 |
| 4:27 | Intensive Blood Pressure Reduction is Associated With Reduced Hematoma Expansion in Deep Intracerebral Hemorrhage: A Secondary Analysis of ATACH-2  
78 |
| 4:39 | Perihematomaal Edema Expansion Rate is Associated With Poor Functional Outcomes in Basal Ganglia Intracerebral Hemorrhage  
77 |
| 4:51 | Predicting Ordinal Functional Outcome at 90-Days Post Intracerebral Hemorrhage  
76 |
| 5:13 | Discussion |

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5:30 pm – 7:00 pm

**Poster Sessions**

Poster Hall, Hall I

5:30 pm – 6:30 pm

**Professor-Led Poster Tours by Category:**

Brief Presentation and Moderated Q&A with Poster Presenters

Moderated Posters WMP1 – WMP120; see pg 54 in the Poster Abstract index for a complete listing of all the posters in the Wednesday Professor-Led Poster Tour session.

---

6:30 pm – 7:00 pm

Regular Poster Session:

One-on-One Time for an Individual Q&A with Poster Presenters

These posters are not included in the 5:30 Professor-Led Poster Tour Session above.

Posters WP1 – WP570; see pg 62 in the Poster Abstract index for a complete listing of all the posters in this Wednesday session.

Late-Breaking Science Posters LB1 – LB41; see pg 93 in the Poster Abstract 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.
Save the Date

International Stroke Conference 2020!

Los Angeles Convention Center | Los Angeles, CA

- **Feb 18 | State-of-the-Science Stroke Nursing Symposium 2020**
- **Feb 18 | ISC Pre-Conference Symposia 2020**
- **Feb 19–21 | International Stroke Conference 2020**

**Call for Abstracts**
May 22–Aug 13, 2019 (11:59 pm CDT)

**Late-Breaking Science and Ongoing Clinical Trials Abstract Submission**
Oct 9–Nov 6, 2019

**Early Registration Deadline:**
Dec 31, 2019

**Advanced Registration Deadline:**
Jan 28, 2020

**Housing & Registration Opens:**
- **FAHA/VIP:**
  Oct 9, 2019
- **Members:**
  Oct 16, 2019
- **Nonmembers:**
  Oct 23, 2019

Save on ISC 2020 registration fees!**

*Must be an AHA/ASA Professional Member by Oct 2, 2019 to qualify for the opening of priority registration and housing.

**Registration savings depend on registration level and membership tier.

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Changes to the programming have occurred since the Final Program went to print. For the current, most accurate programming information, please refer to the ISC 2019 Mobile Meeting Guide app. To download the app, search “AHA Conferences” in the App Store or Google Play.
### THURSDAY, FEBRUARY 7 (7:00 am – 8:30 am)

#### Category: Vascular Malformations

<table>
<thead>
<tr>
<th>Session Title</th>
<th>Panelists</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moya Moya Disease: What's Behind the Smoke?</td>
<td>William J Mack, MD, Los Angeles, CA Babu Welch, MD, Dallas, TX</td>
</tr>
</tbody>
</table>

#### Category: Emergency Care Systems

<table>
<thead>
<tr>
<th>Session Title</th>
<th>Panelists</th>
</tr>
</thead>
<tbody>
<tr>
<td>Novel Approaches to Prehospital Stroke Care in the Endovascular Era: The Future Ain't What It Used to Be</td>
<td>Sherita Chapman, MD, Charlottesville, VA Robert Mi Kulik, MD, Brno, Czech Republic</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Session Type</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>Invited Symposium</td>
<td>Room 315 Kākau Ballroom A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Moderator(s)</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>William J Mack, MD, Los Angeles, CA Babu Welch, MD, Dallas, TX Sherita Chapman, MD, Charlottesville, VA Robert Mi Kulik, MD, Brno, Czech Republic</td>
<td>Room 315 Kākau Ballroom A</td>
</tr>
</tbody>
</table>

#### Session Schedule (7:00 am – 8:30 am)

- **7:00** Evidence for Varying Disease Phenotypes: Phenotypical Differences among Various Populations - Insights from Epidemiology
  - Anna Bersano, MD, PhD, Milan, Italy

- **7:13** Evidence for Varying Disease Phenotypes: Insights from Genetics
  - Kori Sauser Zachrison, MD, Boston, MA

- **7:26** Deciding When to Intervene: Therapeutic Strategies for Long-term Patient Management
  - Elisabeth B Marsh, MD, Baltimore, MD

- **7:39** Deciding When to Intervene: BOLD Differences in Imaging Vascular Reactivity
  - Hanzhang Lu, PhD, Baltimore, MD

- **7:52** Which Surgical Treatment Should Be Used for MMD? Indirect Bypasses Are Optimal
  - Zhao Yuanli, MD, Beijing, China

- **8:05** Which Surgical Treatment Should Be Used for MMD? Direct Bypasses Are Best
  - Gary K Steinberg, MD, Stanford, CA

- **8:18** Discussion

---

### Category: Acute Endovascular Treatment

<table>
<thead>
<tr>
<th>Session Title</th>
<th>Abstract</th>
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</thead>
<tbody>
<tr>
<td>Acute Nonendovascular Treatment Oral Abstracts</td>
<td>Nationwide Differences in Care and Outcomes of Acute Ischemic Stroke</td>
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</table>

<table>
<thead>
<tr>
<th>Session Type</th>
<th>Room</th>
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<tbody>
<tr>
<td>Abstract</td>
<td>Room 316 BC Room 311</td>
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<table>
<thead>
<tr>
<th>Moderator(s)</th>
<th>Room</th>
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</thead>
</table>

#### Session Schedule (7:00 am – 8:30 am)

- **7:00** Preliminary Efficacy and Safety of Intravenous Recombinant Human Pro-urokinase (hpro-UK) for Acute Ischemic Stroke:AMulticenter Phase IIa, Randomized, Open, Positive Controlled, Trial(hpro-UK STROKEIIa)
  - Nationwide Differences in Care and Outcomes of Acute Ischemic Stroke

- **7:12** The Experimental Neuroprotective Drug Na1 Does Not Interfere With the Fibrinolytic Activities of Alteplase or Tenecteplase
  - Factors Affecting Readmission Rates for Patients With Ischemic Stroke Hospitalized in an Integrated Health System of Stroke Care

- **7:24** Tenecteplase is Non-Inferior to Alteplase for Acute Ischemic Stroke: Formal Meta-Analysis of 5 Completed Randomized Trials
  - Decrease in Stroke Mortality With Increase in Rate of Thrombectomy in Acute Ischemic Stroke in Nationwide Inpatient Sample

- **7:36** Thrombus Migration is a Common Phenomenon With IV TPA and May Have Negative Effects on Outcome When TPA Treatment is Given Before Endovascular Thrombectomy in Proximal Occlusions
  - Effects of the Endpoint Adjudication Process on the Results of the Platelet-Oriented Inhibition in New TIA and Minor Ischemic Stroke (POINT) Trial

- **7:48** Therapeutic Hypothermia in Patients With Acute Ischemic Stroke: a Systematic Review of Prospective Controlled Studies
  - Long-Term Impact of Mechanical Thrombectomy Randomized Trials in a Comprehensive Stroke Center: Individual Ethical Dilemmas versus Societal Benefits

- **8:00** Idarucizumab in Patients Treated With Dabigatran Suffering Cerebral Ischemia or Intracranial Hemorrhage: A Retrospective Case Series From Germany
  - Physicians’ Attitudes Toward Elevated Blood Pressure and Recurrent Events After Acute Ischemic Stroke

- **8:12** Intravenous Application of Autologous Preconditioned Mesenchymal Stem Cells for Ischemic Stroke: Final Results of a Randomized Controlled Trial
  - Sleep Disturbance Predicts Future Health Status After Stroke

- **8:24** Discussion

---

Short Break (8:30 am – 8:45 am)
THURSDAY, FEBRUARY 7 (7:00 am – 8:30 am)

**Category** | **Acute Neuroimaging**
---|---
**Session Title** | Vulnerable Carotid Plaque Imaging and Management: A New Dawn?
**Session Type** | Invited Symposium
**Room** | Kalākaua Ballroom B
**Moderator(s)** | See ISC 2019 Mobile Meeting Guide app.

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>7:00</td>
<td>Ultrasound Imaging of Carotid Wall and Plaque</td>
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<tr>
<td>7:16</td>
<td>CT and MR Imaging of Carotid Wall and Plaque</td>
<td>Luca Saba, MD, Cagliari, Italy</td>
</tr>
<tr>
<td>7:32</td>
<td>Imaging of Plaque Inflammation and Neovascularization</td>
<td>Eline Kooi, PhD, Maastricht, Netherlands</td>
</tr>
<tr>
<td>7:48</td>
<td>Low Stenosis and High Risk / High Stenosis and Low Risk</td>
<td>Ye Qiao, PhD, Baltimore, MD</td>
</tr>
<tr>
<td>8:04</td>
<td>Imaging of Plaque Regression and Progression: Impact of Drug Therapies</td>
<td>Kevin DeMarco, MD, Bethesda, MD</td>
</tr>
</tbody>
</table>

**Session Type** | Invited Symposium
**Room** | Kalākaua Ballroom B
**Moderator(s)** | See ISC 2019 Mobile Meeting Guide app.

**Category** | **In-hospital Treatment**
---|---
**Session Title** | In-hospital Treatment Oral Abstracts
**Session Type** | Abstract
**Room** | Room 313 BC
**Moderator(s)** | See ISC 2019 Mobile Meeting Guide app.

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
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<tbody>
<tr>
<td>7:00</td>
<td>Increased Blood Pressure Variability After Acute Ischemic Stroke Increases the Risk of Death</td>
<td>93</td>
</tr>
<tr>
<td>7:12</td>
<td>Blood Pressure After Endovascular Stroke Therapy (BEST): Final Results of a Prospective Multicenter Cohort Validation Study</td>
<td>94</td>
</tr>
<tr>
<td>7:24</td>
<td>Exceeding Personalized Blood Pressure Targets After Endovascular Stroke Therapy is Associated With Hemorrhagic Transformation and Worse Functional Outcome</td>
<td>95</td>
</tr>
<tr>
<td>7:36</td>
<td>Efficacy and Safety of Oral Anticoagulants in Patients With Chronic Kidney Disease: A Systematic Review and Meta-Analysis</td>
<td>96</td>
</tr>
<tr>
<td>7:48</td>
<td>Pre-Existing Anticoagulation Does Not Affect Stroke Rates in Patients With Left Sided Infective Endocarditis</td>
<td>97</td>
</tr>
<tr>
<td>8:00</td>
<td>Neurofilament Light Chains Predict Outcome After Ischemic Stroke</td>
<td>98</td>
</tr>
<tr>
<td>8:12</td>
<td>Early Anticoagulation or Antiplatelet Therapy is Critical in Cranio-Cervical Artery Dissection: Results From the COMPASS Registry</td>
<td>99</td>
</tr>
<tr>
<td>8:24</td>
<td>Discussion</td>
<td></td>
</tr>
</tbody>
</table>

**Category** | **Vascular Cognitive Impairment**
---|---
**Session Title** | Vascular Cognitive Impairment Oral Abstracts
**Session Type** | Abstract
**Room** | Kalākaua Ballroom C
**Moderator(s)** | See ISC 2019 Mobile Meeting Guide app.

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>7:00</td>
<td>In-Hospital Delirium and Long-Term Cognitive Outcomes Among Patients With Ischemic Stroke: A Population-Based Cohort Analysis</td>
<td>100</td>
</tr>
<tr>
<td>7:12</td>
<td>ApoE4 Disrupts Cerebrovascular Microcirculation and Undermines White Matter Integrity and Cognitive Function</td>
<td>101</td>
</tr>
<tr>
<td>7:24</td>
<td>Predictors of the Development of White Matter Hyperintensities Over a 20-Year Period: A Secondary Analysis of the ARIC Study</td>
<td>102</td>
</tr>
<tr>
<td>7:36</td>
<td>Cortical tau Pathology in Cerebral Amyloid Angiopathy</td>
<td>103</td>
</tr>
<tr>
<td>7:48</td>
<td>Topographic White Matter Hyperintensity Patterns Associated With Alzheimer Pathologies</td>
<td>104</td>
</tr>
<tr>
<td>8:00</td>
<td>Obesity Induces Vascular Remodeling and Deteriorates Cognitive Function in Mice: Role of Pericytes</td>
<td>105</td>
</tr>
<tr>
<td>8:12</td>
<td>NLRP3 Inflammasome Inhibition With MCC950 Improves Diabetes-Mediated Cognitive Impairment and Vasoneuronal Remodeling After Ischemia</td>
<td>106</td>
</tr>
<tr>
<td>8:24</td>
<td>Discussion</td>
<td></td>
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</tbody>
</table>

Short Break (8:30 am – 8:45 am)
**THURSDAY, FEBRUARY 7 (8:45 am – 10:15 am)**

<table>
<thead>
<tr>
<th>Category</th>
<th>Cerebral Large Artery Disease</th>
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<tbody>
<tr>
<td>Session Title</td>
<td>Medical Therapy for Symptomatic Carotid Stenosis: Time for Modern Data</td>
</tr>
<tr>
<td>Session Type</td>
<td>Invited Symposium</td>
</tr>
<tr>
<td>Room</td>
<td>Kalākaua Ballroom B Room 316 BC</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Magdy Selim, MD, PhD, Boston, MA Helmi Lutsep, MD, Portland, OR</td>
</tr>
<tr>
<td>8:45</td>
<td>Multi-modal Treatment for Carotid Stenosis Seemant Chaturvedi, MD, FAHA, Miami, FL</td>
</tr>
<tr>
<td>9:04</td>
<td>Genetic Guidance for Antiplatelet Therapy Brian Hoh, MD, Gainesville, FL</td>
</tr>
<tr>
<td>9:23</td>
<td>Do HTN Targets Matter? Philip Bath, DSc, MBBS, FMedSci, Nottingham, United Kingdom</td>
</tr>
<tr>
<td>9:42</td>
<td>Modern Trials for Symptomatic Carotid Stenosis Wei Zhou, MD, Tucson, AZ</td>
</tr>
<tr>
<td>10:01</td>
<td>Discussion</td>
</tr>
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</table>

**THURSDAY, FEBRUARY 7 (8:45 am – 10:15 am)**

<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 II</td>
<td>Clinical Rehabilitation and Recovery Oral Abstracts II</td>
</tr>
<tr>
<td>Session Type</td>
<td>Abstract</td>
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</tr>
<tr>
<td>Room</td>
<td>Kalākaua Ballroom B Room 311</td>
<td>Room 311</td>
</tr>
<tr>
<td>8:45</td>
<td>Rescue Tirofiban in Mechanical Thrombectomy for Acute Cerebral Large Artery Occlusion: A Multicenter Prospective Registry Study</td>
<td>Biomarkers for Patient Selection Improve Stroke Rehabilitation Trial Efficiency</td>
</tr>
<tr>
<td>8:57</td>
<td>Direct Aspiration First Pass Technique versus Stent Retriever Thrombectomy in Basilar Artery Occlusion</td>
<td>Assessing the Concordance Between Stroke Rehabilitation Research Participants &amp; ‘Real World’ Stroke Patients</td>
</tr>
<tr>
<td>9:09</td>
<td>Thrombectomy is Safe for Dawn- and Defuse-3-Ineligible Patients Who Present Within the Extended Window: A Subgroup Analysis From the BEST Prospective Cohort Study</td>
<td>MR PREDICTS@24H -- Multivariable Outcome Prediction After Endovascular Treatment for Acute Ischemic Stroke: Development and Validation of a Prognostic Model in Data From Seven RCTs</td>
</tr>
<tr>
<td>9:21</td>
<td>Pre-Endovascular Therapy Change in BP is Associated With Outcome: A post-Hoc Analysis of the Blood Pressure After Endovascular Treatment (BEST) Prospective Cohort Study</td>
<td>Relationship Between Presence of Visceral Infarction and Functional Outcome Among Patients with Acute Ischemic Stroke</td>
</tr>
<tr>
<td>9:33</td>
<td>Endovascular Thrombectomy May Be Safe and Effective in Patients With Large Core and Early Presentation</td>
<td>Predictors of Post-Stroke Depression in Ischemic Stroke Patients using the Patient Health Questionnaire-9</td>
</tr>
<tr>
<td>9:45</td>
<td>Brain Selective Hypothermia With Intra-arterial Cold Infusions Plus Early Normobaric Hyperoxygenation for Neuroprotection in Experimental Acute Ischemic Stroke</td>
<td>Final Patient-Level Results From the Michigan Stroke Transitions Trial (MISTT): A Randomized Clinical Trial to Improve Stroke Transitions</td>
</tr>
<tr>
<td>9:57</td>
<td>Late Window Transfer Patients had Favorable Outcomes Following Thrombectomy in DEFUSE 3</td>
<td>Peripheral Nerve Stimulation to Enhance Upper Limb Motor Function in Stroke</td>
</tr>
<tr>
<td>10:09</td>
<td>Discussion</td>
<td>Discussion</td>
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**Due to meeting location, the Final Program went to print very early. For the most current programming information, please check the ISC 2019 Mobile Meeting Guide app or the online Program/Itinerary Planner located on the ISC Web site at strokeconference.org. To download the app, search “AHA Conferences” in the App Store or Google Play.**

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The number listed immediately after the abstract’s title is the abstract’s presentation number.
### THURSDAY, FEBRUARY 7 (8:45 am – 10:15 am)

<table>
<thead>
<tr>
<th>Category</th>
<th>In-hospital Treatment</th>
</tr>
</thead>
</table>
| Session Title                   | Optimal Timing for In-hospital Initiation of Secondary Prevention Therapies in Acute Ischemic Stroke  
 (an ASA and Chinese Stroke Association Joint Symposium) |
| Session Type                    | Invited Symposium                                                                     |
| Room                            | Room 313 BC                                                                            |
| Moderator(s)                    | Liping Liu, MD, Beijing, China  
 Andrei V Alexandrov, MD, Memphis, TN                                                   |
| 8:45                            | Antiplatelet Therapy for AIS                                                           |
| 9:04                            | Statin Therapy for AIS  
 Nerses Sanossian, MD, Los Angeles, CA                                                   |
| 9:23                            | Antihypertensive Medications for AIS                                                   |
| 9:42                            | Carotid Revascularization Procedures for Symptomatic Carotid Stenosis  
 Thomas Brott, MD, Jacksonville, FL                                                     |
| 10:01                           | Discussion                                                                             |

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The number listed immediately after the abstract’s title is the abstract’s presentation number.

### Diagnosis of Stroke Etiology

<table>
<thead>
<tr>
<th>Session Type</th>
<th>Diagnosis of Stroke Etiology Oral Abstracts II</th>
<th>Experimental Mechanisms and Models Oral Abstracts I</th>
</tr>
</thead>
<tbody>
<tr>
<td>Room</td>
<td>Kalākaua Ballroom C</td>
<td>Room 315</td>
</tr>
</tbody>
</table>
| 8:45         | Machine Learning Prediction of Stroke Mechanism in Embolic Strokes of Undetermined Source  
 121                                                      | Amelioration of Ischemic Stroke Damage Through Inhibition of Interleukin-6  
 Signaling With Tocilizumab Requires Sex Specific Dosing  
 128                                                     |
| 8:57         | Markers of Coagulation and Hemostatic Activation Identify Embolic Stroke of  
 Undetermined Source (ESUS) Patients who are at Risk of Recurrent Thrombotic Events  
 on Antiplatelet Therapy: A Validation Study  
 122                                                     | Brain-Heart Interaction After Stroke: Therapeutic Effects of Exosomes in Type 2  
 Diabetic Mice Subjected to Stroke  
 129                                                     |
| 9:09         | Underlying Pathologic Differentiation With Cerebral Microbleeds in Embolic Stroke of Undetermined Source  
 123                                                     | Histamine Increase After Ischemic Stroke Leads to Gut Barrier Breakdown  
 Related Post-Stroke Inflammation in Aging  
 130                                                     |
| 9:21         | How to Preselect Stroke Patients for Enhanced ECG-Monitoring - Evaluation of Predictors of Paroxysmal Atrial Fibrillation in “Find-AFrandomised”  
 124                                                     | Delayed Egress of CDB T Cells Contributes to Long-Term Pathology After Ischemic Stroke in Mice  
 131                                                     |
| 9:33         | Atrial Fibrillation Known Before Stroke or Detected After Stroke Shares Similar Risk of Ischemic Stroke Recurrence and Death  
 125                                                     | The Mammalian Target of Rapamycin Regulates Platelet Integrin Activation, Aggregation, and Ischemic Stroke  
 132                                                     |
| 9:45         | A Simple Classification of the Left Atrial Appendage Morphology Based on Stroke Risk: The LAA L/H/L Classification System  
 126                                                     | Triggering Receptor Expressed on Myeloid Cells-2 Improves Post-stroke Neurological Function and Regulates Microglia/Macrophage Phenotype in Aged Female Mice  
 132                                                     |
| 9:57         | Premenopausal Cardiovascular Disease is Associated With Early Natural Menopause  
 127                                                     | Sex Differences in the Neuroprotective Effects of IAIP are Potentially Driven by Differences in Blood Brain Barrier Permeability after Stroke  
 134                                                     |
| 10:09        | Discussion                                   | Discussion                                         |

Short Break (10:15 am – 10:30 am)
THURSDAY, FEBRUARY 7 (10:30 am – 12 Noon)

<table>
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<tr>
<th>Invited Symposium</th>
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<tbody>
<tr>
<td><strong>Session Title</strong></td>
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Short Break (12 noon – 12:10 pm)

<table>
<thead>
<tr>
<th>12:10 pm – 1:30 pm</th>
</tr>
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<tbody>
<tr>
<td>Science and Technology Hall (Exhibits)/Lunch Break</td>
</tr>
<tr>
<td>Hall II</td>
</tr>
<tr>
<td>Nursing and Rehabilitation Professionals Luncheon: Life in the Community after Stroke</td>
</tr>
<tr>
<td>Room 312 (Ticket required; seating is limited.)</td>
</tr>
<tr>
<td>Moderators: Jill Cameron, MSc, PhD, Toronto, ON, Canada</td>
</tr>
<tr>
<td>Wendy J Smith, MBA, Cleveland, OH</td>
</tr>
<tr>
<td>12:10 Stroke Rehabilitation: Home Technology for Stroke Patients</td>
</tr>
<tr>
<td>Steven C Cramer, MD, Orange, CA</td>
</tr>
<tr>
<td>12:30 Stroke Rehabilitation: Community-based Exercise</td>
</tr>
<tr>
<td>Nancy Salbach, MSc, PhD, Toronto, ON, Canada</td>
</tr>
<tr>
<td>12:50 Stroke Rehabilitation: Respite Post-stroke</td>
</tr>
<tr>
<td>Claranne Mathiesen, RN, MSN, Allentown, PA</td>
</tr>
<tr>
<td>1:10 Discussion</td>
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</tbody>
</table>

We would like to thank Jill Cameron, Claranne Mathiesen, Wendy J Smith, and the Nursing and Rehabilitation Professions Committee for their time and effort in planning this luncheon.

Basic Scientists Networking Luncheon

<table>
<thead>
<tr>
<th>Room 313 A</th>
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</thead>
<tbody>
<tr>
<td>(Ticket required; seating is limited.)</td>
</tr>
<tr>
<td>12:10 Things I Wish I Had Known Sooner. Tips for Successful Grantsmanship</td>
</tr>
<tr>
<td>James Koenig, PhD, Bethesda, MD</td>
</tr>
<tr>
<td>12:20 Q&amp;A</td>
</tr>
<tr>
<td>12:25 Defining the Intangibles. Tips for Productive Interactions with the NIH and Beyond</td>
</tr>
<tr>
<td>Francesca Bosetti, PharmD, PhD, Bethesda, MD</td>
</tr>
<tr>
<td>12:35 Q&amp;A</td>
</tr>
<tr>
<td>12:40 Seeking Out for Right Mentors/Collaborators</td>
</tr>
<tr>
<td>Dandan Sun, MD, PhD, Pittsburgh, PA</td>
</tr>
<tr>
<td>12:50 Q&amp;A</td>
</tr>
<tr>
<td>12:55 Networking</td>
</tr>
</tbody>
</table>

We would like to thank Francesca Bosetti, James Koenig and Dandan Sun for their time and effort in planning this luncheon.
### Mock Courtroom Trial: The Case of ESUS: Anti-platelets vs Anti-thrombin or Anti-Xa: What Is the Best “Anti” for My Patient?

**Session Title**
- **Gut-Brain Axis: The Role of the Host and the Microbiome in Stroke and Vascular Disease**

**Moderator(s)**
- James C Grotta, MD, Houston, TX
- Bob M Bryan, PhD, Houston, TX
- Costantino Iadecola, MD, New York, NY

**Schedule**
1:30 Opening Statement: The Case for Anti-platelets
1:35 Opening Statement: The Case for Anti-thrombotics
1:40 Witness Testimony and Cross-Examination: Anti-platelets
1:54 Witness Testimony and Cross-Examination: Anti-thrombotics
1:57 The Role of the Diet and Microbiome in Heart Disease
2:06 Closing Arguments: The Case for Anti-platelets
2:15 Closing Arguments: The Case for Anti-thrombotics
2:18 Discussion

### Cerebral Large Artery Disease Oral Abstracts I Nursing Oral Abstracts

**Session Title**
- Cerebral Large Artery Disease Oral Abstracts I
- Nursing Oral Abstracts

**Session Type**
- Abstract

**Room**
- Room 313 BC
- Room 311

**Moderator(s)**
- See ISC 2019 Mobile Meeting Guide app.
- See ISC 2019 Mobile Meeting Guide app.

**Schedule**
1:30 A Clinical Validation Study of Anatomical Risk Scoring for Procedural Stroke in Carotid Artery Stenting
1:35 Inpatient Nursing Stroke Champions Improve Stroke Education Retention at 7 Days and 90 Days Post Discharge
1:42 Noninvasive Device for Cerebral Protection from Embolic Stroke: Should Carotid Compression Become a Standard of Care?
1:46 Impact of Stroke Nurse Education on Stroke Team Activations and Reperfusion Treatments in a Large Regional Stroke Care Network
1:54 See ISC 2019 Mobile Meeting Guide app.
1:57 Establishing Sensitivity and Specificity of the Maxwell Swallow Screen
2:06 Correlation of Cerebrovascular Reserve Assessed by Acetazolamide-Stress SPECT With Collaterals on Arterial Spin-Labeling MRI in Patients With Carotid Occlusive Disease
2:18 Apoptosis After Psychological Stress is Associated With FoxO1-Mediated Inflammation in the Rodent Brain
2:18 Discussion
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Room</th>
<th>Moderator(s)</th>
<th>Abstract/Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30</td>
<td>Retinal Microvascular Analysis Using Fundus Photography as a Biomarker for Dementia and Stroke - What's New?</td>
<td>Kalakaua Ballroom C</td>
<td>Tatjana Rundek, MD, PhD, Miami, FL&lt;br&gt;Rebecca Gottesman, MD, Baltimore, MD</td>
<td>DOACs: How Risky in Real Worlds?&lt;br&gt;Maurizio Paciaroni, MD, Perugia, Italy</td>
</tr>
<tr>
<td>1:42</td>
<td>Retinal Amyloid Imaging: New Method of Enhanced Fluorescence to Detect Amyloid in the Retina in Alzheimer's Disease and Cerebral Amyloid Angiopathy</td>
<td>Kalakaua Ballroom C</td>
<td>Maya Koronyo-Hamaoui, PhD, Los Angeles, CA</td>
<td>Reversal Agents: How Developed?&lt;br&gt;Truman Mills, MD, Austin, TX</td>
</tr>
<tr>
<td>1:54</td>
<td>Retinal Optical Coherence Tomography</td>
<td>Kalakaua Ballroom B</td>
<td></td>
<td>ICH during Anticoagulation: How Managed?&lt;br&gt;Ken Butcher, MD, Edmonton, AB, Canada</td>
</tr>
<tr>
<td>2:06</td>
<td>OCT-angiography: A Promising Tool</td>
<td>Kalakaua Ballroom B</td>
<td>Delia Cabrera DeBuc, PhD, Miami, FL</td>
<td>Thrombolysis after Anticoagulant Reversal: Really Effective?&lt;br&gt;David Seiffge, MD, Basel, Switzerland</td>
</tr>
<tr>
<td>2:18</td>
<td>Discussion</td>
<td>Kalakaua Ballroom B</td>
<td></td>
<td>Discussion</td>
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</tbody>
</table>

**Category: Late-Breaking Science**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Room</th>
<th>Moderator(s)</th>
<th>Abstract/Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30</td>
<td>Insights on Selected Procoagulation Markers and Outcomes in Stroke Trial (I5POT) Primary Results</td>
<td>Kalakaua Ballroom B</td>
<td>See ISC 2019 Mobile Meeting Guide app.</td>
<td></td>
</tr>
<tr>
<td>1:42</td>
<td>A Randomized Trial of Intensive versus Standard Blood-Pressure Control in Patients with a History of Stroke: The Recurrent Stroke Prevention Clinical Outcome (RESPECT) Study LB10</td>
<td>Kalakaua Ballroom B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1:54</td>
<td>Effects of a Quality Improvement Intervention on Adherence to Evidence-based Therapies for Acute Ischemic Stroke and Transient Ischemic Attack Patients in Hospitals With Stroke Units - Insights From the BRIDGE Stroke Trial LB11</td>
<td>Kalakaua Ballroom B</td>
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<tr>
<td>2:18</td>
<td>Discussion</td>
<td>Kalakaua Ballroom B</td>
<td></td>
<td>Discussion</td>
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</tbody>
</table>

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The number listed immediately after the abstract’s title is the abstract’s presentation number.
### Thursday, February 7 (3:00 pm – 4:00 pm)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Category</th>
<th>Diagnosis of Stroke Etiology</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00</td>
<td><strong>Bugher Foundation Update</strong></td>
<td>Embolic Strokes of Undetermined Source in 2019</td>
<td></td>
</tr>
<tr>
<td>3:24</td>
<td>3:26 Do the Results of the ESUS Trials Change Management?</td>
<td>Invited Symposium</td>
<td>Hans-Christoph Diener, MD, PhD, Essen, Germany</td>
</tr>
<tr>
<td>3:36</td>
<td>3:38 ESUS in the Young</td>
<td>Invited Symposium</td>
<td></td>
</tr>
<tr>
<td>3:48</td>
<td>Discussion</td>
<td>Invited Symposium</td>
<td></td>
</tr>
</tbody>
</table>

### Acute Neuroimaging SAH and Other Neurocritical Management

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Category</th>
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</thead>
<tbody>
<tr>
<td>3:00</td>
<td>Frequency of Blood Brain Barrier Disruption in Acute Stroke Patients Post Endovascular Therapy and Its Association With Multiple Thrombectomy Passes and Clinical Outcome 143</td>
<td>Acute Neuroimaging Oral Abstracts I</td>
</tr>
<tr>
<td>3:12</td>
<td>The Association of Statin Pretreatment With Collateral Circulation and Final Infarct Volume in Patients With Acute Ischemic Stroke Due to Large Vessel Occlusion 144</td>
<td>SAH and Other Neurocritical Management Oral Abstracts</td>
</tr>
<tr>
<td>3:48</td>
<td>Discussion</td>
<td>Elevated mir-9 in Cerebrospinal Fluid is Associated With Poor Functional Outcome After Subarachnoid Hemorrhage 149</td>
</tr>
</tbody>
</table>

**Short Break (4:00 pm – 4:15 pm)**
### THURSDAY, FEBRUARY 7 (3:00 pm – 4:00 pm)

<table>
<thead>
<tr>
<th>Category</th>
<th>Basic and Preclinical Neuroscience of Stroke Recovery</th>
<th>Pediatric Stroke</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session Title</td>
<td>Paradigm Shifts and Better Models To Advance Cell-based Therapies for Stroke</td>
<td>Post-stroke Mood: A Treatable Factor Affecting Function and Return to Work</td>
</tr>
<tr>
<td>Session Type</td>
<td>Invited Symposium</td>
<td>Invited Symposium</td>
</tr>
<tr>
<td>Room</td>
<td>Room 315</td>
<td>Kalākaua Ballroom C</td>
</tr>
</tbody>
</table>
| Moderator(s) | David Hess, MD, Augusta, GA  
Hideo Shichinohe, MD, Sapporo, Japan  
Michael M Dowling, MD, PhD, Dallas, TX  
Warren D Lo, MD, Columbus, OH | |
| 3:00 | New Insights on Mechanistic Targets of Stem Cells  
Miroslaw Janowski, MD, PhD, Baltimore, MD | Impact of Stroke upon Cognitive Outcome and Quality of Life: Are Children Different from Adults?  
Maja Steinlin, MD, Bern, Switzerland |
| 3:12 | The Unique Advantages of Pig Stroke Models to Study Stem Cell Therapy  
Franklin D West, PhD, Athens, GA | Mood Disorders following Stroke in Children and Adolescents: Frequency and Impact  
Christine Mrakotsky, PhD, Boston, MA |
| 3:24 | Cell-based and Exosome Therapy  
Jieli Chen, MD, Detroit, MI | Prolonged Unemployment in Young Adults after Stroke: What Can We Modify? |
| 3:36 | Clinical Trial Perspectives on Cell-based Therapies  
Sean I Savitz, MD, FAHA, Houston, TX | Post-stroke Depression: What Are the Barriers to Care?  
Deborah A Levine, MD, Ann Arbor, MI |
| 3:48 | Discussion | Discussion |

### Late-Breaking Science

<table>
<thead>
<tr>
<th>Category</th>
<th>Late-Breaking Science Oral Abstracts II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session Title</td>
<td>Abstract</td>
</tr>
<tr>
<td>Session Type</td>
<td>Abstract</td>
</tr>
<tr>
<td>Room</td>
<td>Room 313 BC</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>See ISC 2019 Mobile Meeting Guide app.</td>
</tr>
</tbody>
</table>
| 3:00 | Treatment of Carotid Stenosis in Asymptomatic, Non-Octogenarian, Standard Risk Patients with Stenting versus Endarterectomy: A Pooled Analysis of the CREST and ACT I Trials  
LB13 |
| 3:12 | Secondary Stroke Prevention by Uniting Community and Chronic Care Model Teams Early to End Disparities: The SUCCEED Trial  
LB14 |
| 3:24 | Newton-2: Randomized, Double-blind, Placebo-controlled Study of Eg-1962 in Adults With Aneurysmal Subarachnoid Hemorrhage  
LB15 |
| 3:36 | Greater Exercise Dose During Stroke Inpatient Rehabilitation Improves Walking Recovery, but the Response is Not Linear  
LB16 |
| 3:48 | Discussion |

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The number listed immediately after the abstract’s title is the abstract’s presentation number.

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### THURSDAY, FEBRUARY 7 (4:15 pm – 5:15 pm)

<table>
<thead>
<tr>
<th>Category</th>
<th>Community/Risk Factors</th>
<th>Experimental Mechanisms and Models</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session Type</td>
<td>Invited Symposium</td>
<td>Invited Symposium</td>
</tr>
<tr>
<td>Room</td>
<td>Room 313 BC</td>
<td>Room 311</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Yomi Ogun, BSc(Hons), MBChB, FWACP, Cert. Neurol.(London), Ikorodu Lagos State, Nigeria</td>
<td>Dandan Sun, MD, PhD, Pittsburgh, PA</td>
</tr>
<tr>
<td></td>
<td>Colin Summers, PhD, Gainesville, FL</td>
<td></td>
</tr>
<tr>
<td>4:15</td>
<td>The Role of Context in Implementation Research</td>
<td>Spider Venom for Neuroprotection</td>
</tr>
<tr>
<td></td>
<td>Mayowa Owolabi, MBBS, MSc, DrM, Ibadan, Nigeria</td>
<td>Robert E Widdop, PhD, Melbourne, Australia</td>
</tr>
<tr>
<td>4:27</td>
<td>Culturally Tailoring Prevention Interventions in the Community</td>
<td>AT2-receptor Agonist Nose-to-brain</td>
</tr>
<tr>
<td></td>
<td>Amylys Tswitght, MD, Los Angeles, CA</td>
<td>Ulrike M Steckelings, MD, PhD, Odense, Denmark</td>
</tr>
<tr>
<td>4:39</td>
<td>Fidelity: Capturing the Detail to Improve Translation of Research Findings</td>
<td>GM6: Bench to Bedside</td>
</tr>
<tr>
<td></td>
<td>Rohina Joshi, MBBS, MPH, PhD, Newtown, Australia</td>
<td>Mark S Kindy, BS, PhD, FAHA, Tampa, FL</td>
</tr>
<tr>
<td></td>
<td>Rutu OluosolaAkinyemi, MBBS, Ibadan, Nigeria</td>
<td>Lorraine M Work, PhD, BSc (Hons), Glasgow, United Kingdom</td>
</tr>
<tr>
<td>5:03</td>
<td>Discussion</td>
<td>Discussion</td>
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</tbody>
</table>

### Category

<table>
<thead>
<tr>
<th>Category</th>
<th>Acute Endovascular Treatment</th>
<th>Experimental Mechanisms and Models</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session Title</td>
<td>Acute Endovascular Treatment Oral Abstracts III</td>
<td>Experimental Mechanisms and Models Oral Abstracts II</td>
</tr>
<tr>
<td>Session Type</td>
<td>Abstract</td>
<td>Abstract</td>
</tr>
<tr>
<td>Room</td>
<td>Kalakaua Ballroom B</td>
<td>Room 315</td>
</tr>
<tr>
<td>4:15</td>
<td>Physiologic Predictors of Collateral Circulation and Infarct Growth in Setting of Anesthesia During Thrombectomy: Detailed Analysis of the GOLIATH Trial 151</td>
<td>Vagus Nerve Stimulation Activates the Critical Brain Nuclei Involved in Ischemic Neuroprotection 155</td>
</tr>
<tr>
<td>4:27</td>
<td>Thrombectomy With Conscious Sedation Increases Functional Independence Compared to General Anesthesia: A DEFUSE-3 Post-hoc Analysis 152</td>
<td>Effect of Air Pollution on Intracranial Atherosclerosis: Role of Inflammatory Response and Oxidative Stress 156</td>
</tr>
<tr>
<td>4:39</td>
<td>Blood Pressure and Outcome After Mechanical Thrombectomy: A Multicenter Study 153</td>
<td>Peptidase Neurolysin Functions to Preserve the Brain After Ischemic Stroke in Mice 157</td>
</tr>
<tr>
<td>4:51</td>
<td>Non-Contrast Computed Tomography Based Patient Selection Achieves Similar Outcomes to Advanced Neuroimaging in Late Time Window Endovascular Thrombectomy 154</td>
<td>Optogenetic Theta-band Activation of Pyramidal Neurons Elicits Peri-infarct Spreading Depolarizations in the ET-1 Rat Model of Focal Cortical Ischemia 159</td>
</tr>
<tr>
<td>5:03</td>
<td>Discussion</td>
<td>Discussion</td>
</tr>
</tbody>
</table>
### THURSDAY, FEBRUARY 7 (4:15 pm – 5:15 pm)

<table>
<thead>
<tr>
<th>Category</th>
<th>Preventive Strategies</th>
<th>Health Services, Quality Improvement, and Patient-Centered Outcomes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session Title</td>
<td>Salt and Sugar Intake with Increased Risk for Stroke and Vascular Health (an ASA and World Hypertension League Joint Symposium)</td>
<td>Translating Evidence into Practice: Organizational, Behavioral, and Community-Based Interventions and Future Directions in Learning Health Systems</td>
</tr>
<tr>
<td>Session Type</td>
<td>Invited Symposium</td>
<td>Invited Symposium</td>
</tr>
<tr>
<td>Room</td>
<td>Room 316 BC</td>
<td>Kalākaua Ballroom A</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Daniel T Lackland, DrPH, MT Pleasant, SC Werner Hacke, MD, PhD, FAHA, Heidelberg, Germany</td>
<td>Michael Phipps, MD, Baltimore, MD Janet Frvu-Bettger, SCID, Durham, NC</td>
</tr>
<tr>
<td>4:15</td>
<td>Stroke Risks and Salt/Sugar Intake</td>
<td>Organizational Interventions</td>
</tr>
<tr>
<td>4:27</td>
<td>Hidden Salt and Sugar Sources in Diets</td>
<td>Behavioral Interventions for Lifestyle</td>
</tr>
<tr>
<td>4:39</td>
<td>Populations at Greatest Risks from Salt</td>
<td>Community-Based Interventions</td>
</tr>
<tr>
<td>4:51</td>
<td>Strategies: Reduce Salt and Sugar Intake</td>
<td>Stroke Care in Learning Health Systems</td>
</tr>
<tr>
<td>5:03</td>
<td>Discussion</td>
<td>Discussion</td>
</tr>
</tbody>
</table>

#### Late-Breaking Science

| Session Title | Late-Breaking Science Oral Abstracts III |
| Session Type | Abstract |
| Room | Kalākaua Ballroom C |
| Moderator(s) | See ISC 2019 Mobile Meeting Guide app. |
| 4:15 | A Transitional Care Intervention to Improve Outcomes after Stroke or TIA: The COMprehensive Post-Acute Stroke Services (COMPASS) Study LB17 |
| 4:27 | Covert Stroke After Noncardiac Surgery is Associated With Cognitive Decline: NeuroVISION Study LB18 |
| 4:39 | Combined Use of Contact Aspiration and the Stent Retriever Technique versus Stent Retriever Alone for Recanalization in Acute Cerebral Infarction. The Randomized Aster2 Study, Final Results LB19 |
| 4:51 | The New Generation Hydrogel Endovascular Aneurysm Treatment Trial (HEAT): Final Results LB20 |
| 5:03 | Discussion |

### Short Break (5:15 pm – 5:30 pm)

**Invited Symposium:**

**Game of Strokes**  
**Hall III**

**Moderator/Host:** Jose Biller, MD, FACP, FAAN, FAHA, Maywood, IL

In this exciting, interactive session, 3 teams of stroke professionals from around the world will wage a friendly intellectual war in a fast and furious game show-style quiz session comprising verbal and video questions. Use the ISC 2019 Mobile Meeting App to play along in this thrilling game in the session room and test your stroke knowledge. The 3 competing teams will be made up of stroke leaders representing Africa, Europe and the Middle East; Asia, Australia and South America; and the returning champions from ISC 2018 – Canada and the US. Come and support your favorite team and watch them try to win the Games of Strokes Brain trophy.

We would like to thank Dr Jose Biller for his time, effort and expertise in planning this session.

**Team Africa/Europe/Middle East**  
**Team Asia/Australia/South America**  
**Team Canada/USA**

For a complete list of all teams, please check the ISC 2019 Mobile Meeting Guide app or the online Program/Itinerary planner at strokeconference.org.

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5:30 pm – 7:00 pm
Poster Sessions
Poster Hall, Hall I

5:30 pm – 6:30 pm
Professor-Led Poster Tours by Category:
Brief Presentation and Moderated Q&A with Poster Presenters
Moderated Posters TMP1 – TMP120; see pg 96 in the Poster Abstract index for a complete listing of all the posters in the Thursday Professor-Led Poster Tour session.

6:30 pm – 7:00 pm
Regular Poster Session:
One-on-One Time for an Individual Q&A with Poster Presenters
These posters are not included in the 5:30 Professor-Led Poster Tour Session above.
Posters TP1 – TP589; see pg 103 in the Poster Abstract index for a complete listing of all the posters in this Thursday session.
Ongoing Clinical Trials Posters CTP1 – CTP36; see pg 132 in the Poster Abstract index for a complete listing of all the Ongoing Clinical Trials posters in this Thursday session.
FAHAs and other stroke leaders – please be sure to show your support for young investigators and attend the poster sessions.
There are lots of ways to describe AFib.
Make sure you know what to listen for.

Patients with atrial fibrillation (AFib) have a 5 times greater risk of stroke. We have guidelines and tools that may help you diagnose faster and more easily support your patients.

For more on how to expand your AFib approach, visit Heart.org/AFibTools
AFib Puts Your Patients at a
5X GREATER RISK FOR STROKE

Access tools now to help you diagnose, treat and manage AFib.

Heart.org/AFibTools
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### FRIDAY, FEBRUARY 8 (7:00 am – 8:30 am)

<table>
<thead>
<tr>
<th>Category</th>
<th>Community/Risk Factors</th>
<th>Acute Endovascular Treatment</th>
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</thead>
<tbody>
<tr>
<td>Session Title</td>
<td>Chronic Kidney Disease and Stroke</td>
<td>One Size Fits All? Models for Thrombectomy Systems of Care (an ASA and Pan American Health Organization Joint Symposium)</td>
</tr>
<tr>
<td>Session Type</td>
<td>Invited Symposium</td>
<td>Invited Symposium</td>
</tr>
<tr>
<td>Room</td>
<td>Kalākaua Ballroom A</td>
<td>Room 313 BC</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Branko N Huisa, MD, La Jolla, CA, Bruce Coull, MD, Tucson, AZ</td>
<td>Carmelo Graffagnino, MD, Durham, NC, Edward C Jauch, MD, Asheville, NC</td>
</tr>
<tr>
<td>7:00</td>
<td>Epidemiology of CKD and Stroke</td>
<td>Challenges in Patient Access</td>
</tr>
<tr>
<td></td>
<td>Angela Webster, MBBS, MM(Clin Epid), PhD, FRCP, FRACP, Sydney, Australia</td>
<td>(7:16) Skip the Local Center and Head Straight to the Mothership</td>
</tr>
<tr>
<td></td>
<td>Daniel Chow, MD, Orange, CA</td>
<td>Raul G Nogueira, MD, Atlanta, GA</td>
</tr>
<tr>
<td>7:19</td>
<td>Neuropathology of CKD</td>
<td>(7:32) The Closest Local Center Is a Must: Drip and Ship, or Bust</td>
</tr>
<tr>
<td></td>
<td>Mark Fisher, MD, Orange, CA</td>
<td>Dorothea Altschul, MD, Ridgewood, NJ</td>
</tr>
<tr>
<td>7:38</td>
<td>CKD and Brain Microvascular Disease</td>
<td>(7:48) Bring the Intervention to the Patient: The Trip and Treat Model</td>
</tr>
<tr>
<td></td>
<td>Wei Ling Lau, MD, Irvine, CA</td>
<td>Johanna T Fifi, MD, New York, NY</td>
</tr>
<tr>
<td>7:57</td>
<td>Controversies About Stroke Treatment and Prevention in CKD</td>
<td>(8:04) Lessons Learned while Studying Multiple Delivery Models</td>
</tr>
<tr>
<td></td>
<td>Wei Ling Lau, MD, Irvine, CA</td>
<td>Marc Ribo, MD, PhD, Barcelona, Spain</td>
</tr>
<tr>
<td>8:16</td>
<td>Discussion</td>
<td>(8:20) Discussion</td>
</tr>
</tbody>
</table>

### Short Break (8:30 am – 8:45 am)
### FRIDAY, FEBRUARY 8 (7:00 am – 8:30 am)

<table>
<thead>
<tr>
<th>Category</th>
<th>Vascular Biology in Health and Disease</th>
<th>Preventive Strategies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session Title</td>
<td>Reperfusion Injury: Fact or Fiction?</td>
<td>The Paula DeRango Memorial Session: Stroke in Women Throughout the Life Course: An International Perspective</td>
</tr>
<tr>
<td>Session Type</td>
<td>Debate</td>
<td>Invited Symposium</td>
</tr>
<tr>
<td>Room</td>
<td>Room 316 BC</td>
<td>Room 315</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Frank Ray Sharp, MD, Sacramento, CA, Rajiv R Ratan, MD, PhD, White Plains, NY</td>
<td>Stacie L Demel, DO, PhD, Cincinnati, OH, Dawn Kleindorfer, MD, Cincinnati, OH</td>
</tr>
<tr>
<td>7:00</td>
<td>Reperfusion Injury: Fiction</td>
<td>Stroke in Young Women</td>
</tr>
<tr>
<td></td>
<td>Raymond A Swanson, MD, San Francisco, CA</td>
<td>Aleksandra Pikula, MD, Toronto, ON, Canada</td>
</tr>
<tr>
<td>7:19</td>
<td>Reperfusion Injury: Fact</td>
<td>Peri-menopausal Changes in Stroke Risk</td>
</tr>
<tr>
<td></td>
<td>Prasad V Katakam, MD, PhD, New Orleans, LA</td>
<td>Amelia Boehme, PhD, New York, NY</td>
</tr>
<tr>
<td>7:38</td>
<td>Reperfusion Injury: Fiction (Rebuttal)</td>
<td>Stroke in Postmenopausal Women</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cheryl Bushnell, MD, MHS, Winston-Salem, NC</td>
</tr>
<tr>
<td>7:57</td>
<td>Reperfusion Injury: Fact (Rebuttal)</td>
<td>Marital Status and Stroke</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tom S Olsen, MD, PhD, Copenhagen, Denmark</td>
</tr>
<tr>
<td>8:16</td>
<td>Discussion</td>
<td>(8:16) Discussion</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Category</th>
<th>Health Services, Quality Improvement, and Patient-Centered Outcomes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session Title</td>
<td>Health Services, Quality Improvement, and Patient-Centered Outcomes Oral Abstracts III</td>
</tr>
<tr>
<td>Session Type</td>
<td>Abstract</td>
</tr>
<tr>
<td>Room</td>
<td>Room 311</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>See ISC 2019 Mobile Meeting Guide app.</td>
</tr>
<tr>
<td>7:00</td>
<td>Effect of a Regional Telestroke Program on Door-to-Needle Time and Clinical Outcomes</td>
</tr>
<tr>
<td></td>
<td>173</td>
</tr>
<tr>
<td>7:12</td>
<td>Public Health Potential of Improved Reperfusion in Thrombectomy for Stroke Based on HERMES Collaboration Data</td>
</tr>
<tr>
<td></td>
<td>174</td>
</tr>
<tr>
<td>7:24</td>
<td>Faster Prehospital Workflow in the Melbourne Mobile Stroke Unit Halves Onset to Reperfusion Therapy</td>
</tr>
<tr>
<td></td>
<td>175</td>
</tr>
<tr>
<td>7:36</td>
<td>To Stay or to Go? Utilization of a Mobile Interventional Stroke Team Shortens Time to Treatment in Large Vessel Occlusion</td>
</tr>
<tr>
<td></td>
<td>176</td>
</tr>
<tr>
<td>7:48</td>
<td>Thrombectomy Results in Reduced Hospital Stay, More Time at Home, and More Favorable Living Situations for Patients in the DEFUSE 3 Trial</td>
</tr>
<tr>
<td></td>
<td>177</td>
</tr>
<tr>
<td>8:00</td>
<td>Correlation between Modified Rankin Scale and Quality of Life in DEFUSE 3</td>
</tr>
<tr>
<td></td>
<td>178</td>
</tr>
<tr>
<td>8:12</td>
<td>Bending the Curve: Are We Labelling More Low-risk People as TIA or Has Modern Medical Management of TIA Reduced Stroke Recurrence Over Time?</td>
</tr>
<tr>
<td></td>
<td>179</td>
</tr>
<tr>
<td>8:24</td>
<td>Discussion</td>
</tr>
</tbody>
</table>

Due to meeting location, the Final Program went to print very early. For the most current programming information, please check the ISC 2019 Mobile Meeting Guide app or the online Program/Itinerary Planner located on the ISC Web site at strokeconference.org. To download the app, search “AHA Conferences” in the App Store or Google Play.

For the complete Author Block of an oral, moderated poster, or poster abstract (including the Conflict of Interest information), please check the ISC 2019 Mobile Meeting Guide app, 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 8 (8:45 am – 10:15 am)

<table>
<thead>
<tr>
<th>Session Title</th>
<th>Pediatric Stroke</th>
</tr>
</thead>
<tbody>
<tr>
<td>NIH Clinical and Applied Research Programs in Vascular Contributions to Cognitive Impairment and Dementia (VCID) (Joint Government Agency Session)</td>
<td>Should Endovascular Stroke Therapy for Large Artery Occlusion be Offered to Children?</td>
</tr>
<tr>
<td>Category Pediatric Stroke</td>
<td></td>
</tr>
<tr>
<td><strong>Session Type</strong></td>
<td><strong>Room</strong></td>
</tr>
<tr>
<td>Invited Symposium</td>
<td>Room 316 BC</td>
</tr>
<tr>
<td></td>
<td>Room 313 BC</td>
</tr>
<tr>
<td><strong>Moderator(s)</strong></td>
<td></td>
</tr>
<tr>
<td>Clinton B Wright, MD, Rockville, MD</td>
<td>Jenny Wilson, MD, Portland, OR</td>
</tr>
<tr>
<td>Claudia S Moy, PhD, Bethesda, MD</td>
<td></td>
</tr>
<tr>
<td><strong>8:45</strong></td>
<td>Welcome and Introduction</td>
</tr>
<tr>
<td></td>
<td>Clinton B Wright, MD, Rockville, MD</td>
</tr>
<tr>
<td></td>
<td>The Neurology Perspective: Arguments in Favor of Endovascular Therapy for the Pediatric Stroke Patient</td>
</tr>
<tr>
<td></td>
<td>Manoelle Kossorotoff, MD, PhD, Paris, France</td>
</tr>
<tr>
<td><strong>8:48</strong></td>
<td>VCID and the National Plan to Address Alzheimer's Disease</td>
</tr>
<tr>
<td></td>
<td>Roderick Corriveau, PhD, Bethesda, MD</td>
</tr>
<tr>
<td><strong>9:00</strong></td>
<td>VCID as Part of Typical Multi-etiology Clinical Dementia</td>
</tr>
<tr>
<td></td>
<td>Alfiya Kapasi, PhD, Chicago, IL</td>
</tr>
<tr>
<td><strong>9:04</strong></td>
<td>(9:15) Epidemiological Studies in VCID</td>
</tr>
<tr>
<td></td>
<td>Lawrence J Fine, MD, DPhil, Bethesda, MD</td>
</tr>
<tr>
<td><strong>9:23</strong></td>
<td>(9:27) Cardio- and Cerebrovascular Disease: Risk and Biomarkers for VCID</td>
</tr>
<tr>
<td></td>
<td>Angela Jefferson, PhD, Nashville, TN</td>
</tr>
<tr>
<td><strong>9:42</strong></td>
<td>Clinical Trials on VCID in Alzheimer’s Disease</td>
</tr>
<tr>
<td></td>
<td>Elezer Masiah, MD, Bethesda, MD</td>
</tr>
<tr>
<td><strong>9:54</strong></td>
<td>(9:54) SprintMIND</td>
</tr>
<tr>
<td></td>
<td>Nicolas Pajewski, PhD, Winston-Salem, NC</td>
</tr>
<tr>
<td><strong>10:01</strong></td>
<td>(10:08) Conclusions</td>
</tr>
<tr>
<td></td>
<td>Clinton B Wright, MD, Rockville, MD</td>
</tr>
<tr>
<td><strong>10:09</strong></td>
<td>Discussion</td>
</tr>
</tbody>
</table>

### Cerebral Large Artery Disease Category:

<table>
<thead>
<tr>
<th>Session Title</th>
<th>Community/Risk Factors Oral Abstracts II</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Session Type</strong></td>
<td><strong>Room</strong></td>
</tr>
<tr>
<td>Abstract</td>
<td>Room 311</td>
</tr>
<tr>
<td></td>
<td>Room 315</td>
</tr>
</tbody>
</table>

| **8:45** | Carotid Artery Stiffness and the Development of White Matter Hyperintensities Over a 20-Year Period: A Secondary Analysis of the ARIC Study |
| | Odds of Stroke in the Young based on Preexisting Atherosclerotic Risk Factors |
| | 180 | 187 |
| **8:57** | Large Aortic Arch Plaques are Associated With CHADS2 and CHA2DS2-VASc Scores: A Multicenter Registry Analysis |
| | Association Between Uric Acid and Stroke in the REGards Case-cohort Study |
| | 181 | 188 |
| **9:09** | Association of High-Degree Intracranial Stenosis With Risk of Vascular Events Among Stroke-Free Individuals: Results From the Northern Manhattan Study (nomas) |
| | Influenza-like Illness and Risk of Stroke in New York State |
| | 182 | 189 |
| **9:21** | Prognosis of Intracranial Arterial Dolichoectasia in Patients With Ischemic Cerebrovascular Disease |
| | North Dakota Mission: Lifeline Stroke Survey of Symptom Awareness Indicates Need for Public Education |
| | 183 | 190 |
| **9:33** | The Relationship Between Carotid Plaque on Magnetic Resonance Plaque Imaging and Time From Stroke Onset |
| | Socioeconomic Disparity Independently Predicts Initial Ischemic Stroke Severity |
| | 184 | 191 |
| **9:45** | Treatment of Intracranial Carotid Artery Near Occlusion (NEON Study): An Individual Patient Data Meta-Analysis |
| | Gender and Racial Disparities in Secondary Prevention of Stroke |
| | 185 | 192 |
| **9:57** | Regional Variation in Carotid Revascularization Procedures and Outcomes Among Elderly Medicare Beneficiaries |
| | Sex-Specific Patterns of the Influence of Age on Functional Outcome After Acute Ischemic Stroke |
| | 186 | 193 |
| **10:09** | Discussion |
| | Discussion |

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**Short Break (10:15 am – 10:30 am)**
## FRIDAY, FEBRUARY 8 (8:45 am – 10:15 am)

<table>
<thead>
<tr>
<th>Category</th>
<th>Acute Nonendovascular Treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session Title</td>
<td>The Justin Zivin Memorial Session: The Tried and Tested vs the New Kid on the Block: The tPA vs TNK Debate</td>
</tr>
<tr>
<td>Session Type</td>
<td>Debate</td>
</tr>
<tr>
<td>Room</td>
<td>Kalākaua Ballroom C</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Phillip A Scott, MD, Ann Arbor, MI</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
<th>Moderator(s)</th>
<th>Presentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:45</td>
<td>TNK Is Ready for Prime Time</td>
<td>Kalākaua Ballroom C</td>
<td>Mark Parsons, MD, PhD, FRACP, Parkville, Australia</td>
<td></td>
</tr>
<tr>
<td>9:04</td>
<td>Stick with the Tried and True tPA for Now</td>
<td>Kalākaua Ballroom C</td>
<td>James C Grotta, MD, Houston, TX</td>
<td></td>
</tr>
<tr>
<td>9:23</td>
<td>TNK Is Ready for Prime Time - Rebuttal</td>
<td>Kalākaua Ballroom C</td>
<td>Shelagh B Coutts, MD, Calgary, AB, Canada</td>
<td></td>
</tr>
<tr>
<td>9:42</td>
<td>Stick with the Tried and True tPA for Now - Rebuttal</td>
<td>Kalākaua Ballroom C</td>
<td>Christopher A Lewandowski, MD, Grosse Pointe Park, MI</td>
<td></td>
</tr>
<tr>
<td>10:01</td>
<td>Discussion</td>
<td>Kalākaua Ballroom C</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Short Break (10:15 am – 10:30 am)

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The Oral Abstracts list the Presenting Author (first) 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, the ISC 2018 Mobile Meeting Guide app, or the ISC abstracts online in the Stroke journal.

The number listed immediately after the abstract’s title is the abstract’s presentation numb.
Start Planning Now for the International Stroke Conference 2020 in Los Angeles, California!

CALL FOR SCIENCE

Thank you for attending the International Stroke Conference 2019. Please don’t forget these important dates for the International Stroke Conference 2020:

Submit Session Ideas
Suggested Session Submitter Opens: Monday, Feb 11, 2019
Suggested Session Submitter Closes: Monday, March 11, 2019

Submit Your Best Science for Consideration for ISC 2020
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• Published Abstracts: Accepted ISC and Nursing Symposium abstracts will be published online on the Stroke journal website.

• Member Benefits: Member-rate abstract submission fee. Researchers and clinicians of any levels can apply for several abstract-based awards provided they are Members. Student, Trainee and Early Career Authors - please be sure to submit your abstract for award consideration including the Junior Investigator Travel Award Grants. Strokeconference.org/awardsandlectures

Submit Abstracts
Submission Opens: Wednesday, May 22, 2019
Submission Closes: Tuesday, Aug 13, 2019

Submit Late-Breaking Science Abstracts and Ongoing Clinical Trials Abstracts
Submission Opens: Wednesday, Oct 9, 2019
Submission Closes: Wednesday, Nov 6, 2019

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.

FRIDAY, FEBRUARY 8 (10:30 am – 12:30 pm)

Closing Main Event
Hall III
Moderators: Miguel A Perez-Pinzon, PhD, FAHA, Miami, FL
Louise McCullough, MD, PhD, FAHA, Houston, TX

10:30 am – 11:30 pm
Crossfire Debates
For a complete list of all the presentation titles and speakers, please check the ISC 2019 Mobile Meeting Guide.
A vote will be taken at the start and the end of each Debate. You can vote by clicking into the Closing Main Event Session in the ISC 2019 Mobile Meeting Guide.

11:30 am – 12:30 pm
11:30 Introduction of the Thomas Willis Lecture Award
Miguel A Perez-Pinzon, PhD, FAHA, Miami, FL

11:33 Willis Lecture: Molecular Markers and Mechanisms of Stroke
Frank Ray Sharp, MD, FAHA, Sacramento, CA

11:53 Extending the Thrombolytic Time Window to 9 Hours for Acute Ischemic Stroke Using Perfusion Imaging Selection - The Final Result LB27

12:05 Intracerebral Hemorrhage Deferoxamine (iDEF) Trial: Main Results LB22

12:17 Telehabilitation in the Home versus Therapy In-Clinic for Patients With Stroke LB23

12:29 ISC 2020 Program Chair’s Closing Remarks
Miguel A Perez-Pinzon, PhD, FAHA, Miami, FL
Changes to the programming have occurred since the Final Program went to print. For the current, most accurate programming information, please refer to the ISC 2019 Mobile Meeting Guide app. To download the app, search “AHA Conferences” in the App Store or Google Play.
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International Stroke Conference 2020!

Los Angeles Convention Center | Los Angeles, CA

Feb 18 | State-of-the-Science Stroke Nursing Symposium 2020
Feb 18 | ISC Pre-Conference Symposia 2020
Feb 19–21 | International Stroke Conference 2020

Call for Abstracts
May 22–Aug 13, 2019 (11:59 pm CDT)

Late-Breaking Science and Ongoing Clinical Trials Abstract Submission
Oct 9–Nov 6, 2019

Early Registration Deadline:
Dec 31, 2019

Advanced Registration Deadline:
Jan 28, 2020

Housing & Registration Opens:
FAHA/VIP: Oct 9, 2019
Members*: Oct 16, 2019
Nonmembers: Oct 23, 2019

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*Must be an AHA/ASA Professional Member by Oct 2, 2019 to qualify for the opening of priority registration and housing.
**Registration savings depend on registration level and membership tier.

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*Depends on membership tier
• Savings on On-Demand programs
• Access to all 11 AHA scientific journals online*
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Awards presented at the International Stroke Conference

Nomination Awards
• William E. Feinberg Award for Excellence in Clinical Stroke
• Thomas Willis Lecture

Abstract-Based Awards
• Junior Investigator Travel Grant Awards
• Mordecai Y.T. Globus New Investigator Award
• Robert G. Siekert New Investigator Award
• Stroke Basic Science Award
• Stroke Care in Emergency Medicine Award
• Stroke Rehab and Recovery Travel Award
• Vascular Cognitive Impairment Award
• Stroke Minority Travel Grant

Find or become a mentor within your network by going to
professional.heart.org/strokecouncil

Visit our staff at HeadQuarters Booth 451 to learn more about the Stroke Council and the benefits belonging to the AHA Professional Membership.

Learn more about the Stroke Council at professional.heart.org/strokecouncil.
### Poster Hall – Kamehameha I

#### MODERATED POSTER TOURS 1-5
1. Lounge
2. Coffee Break
3. Plenary Sessions
4. Poster Sessions
5. Networking Opportunities

#### MODERATED POSTER TOURS 6-10
6. Lunch
7. Workshops
8. Roundtable Discussions
9. Case Studies
10. Clinical Trials

---

**ONGOING CLINICAL TRIALS**

**LATE-BREAKING SCIENCE**

---

**ENTRANCE**

---

**POSTER HALL MAP**
**POSTER ABSTRACT PRESENTATIONS**

**WEDNESDAY, FEBRUARY 6**

5:30 PM – 7:00 PM

**HALL I**

5:30 PM – 6:30 PM

**Professor-Led Poster Tours by Category, Session I:**

Moderated Q&A with Poster Presenters (HALL I)

Moderated Posters WMP1 – WMP120; see pg 54 - pg 61 in the Poster Abstract Index for a complete listing of all the posters in this Wednesday Professor-Led Poster Tour session.

6:30 PM – 7:00 PM

**Poster Session I:**

One-on-One Time for an Individual Q&A with Poster Presenters (HALL I)

These posters are not included in the 5:30 Professor-Led Poster Tour Session above.

Posters WP1 – WP570; see pg 62 – pg 92 in the Poster Abstract Index for a complete listing of all the posters in this Wednesday session.

Late-Breaking Science Posters LBP1 – LBP41; see pg 93 – pg 95 in the Poster Abstract Index for a complete listing of all the Late-Breaking Science posters in this Wednesday session.

**THURSDAY, FEBRUARY 7**

5:30 PM – 7:00 PM

**HALL I**

5:30 PM – 6:30 PM

**Professor-Led Poster Tours by Category, Session II:**

Moderated Q&A with Poster Presenters (HALL I)

Moderated Posters TMP1 – TMP120; see pg 96 – pg 102 in the Poster Abstract Index for a complete listing of all the posters in this Thursday Professor-Led Poster Tour session.

6:30 PM – 7:00 PM

**Poster Session II:**

One-on-One Time for an Individual Q&A with Poster Presenters (HALL I)

These posters are not included in the 5:30 Professor-Led Poster Tour Session above.

Posters TPS1 – TPS89; see pg 103 – pg 131 in the Poster Abstract Index for a complete listing of all the posters in this Thursday session.

Ongoing Clinical Trials Posters

CTP1 – CTP36; see pg 132 – pg 134 in the Poster Abstract Index for a complete listing of all the Ongoing Clinical Trials Posters in this Thursday session.

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

During the ISC 2019 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 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 of the two Professor-Led Poster Tours.

To be a part of a Poster Tour, please turn to pg 54 (Wednesday) and pg 96 (Thursday) in the Poster Abstract sections 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 start time of the Poster Tour Session, simply go to the correspondingly numbered “Section” sign for that section/category of posters.

The regular Poster Sessions are organized by poster category. 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 62 (Wednesday) and pg 103 (Thursday) in the Poster Abstracts section of the Final Program.

FAHAs and other stroke leaders – please be sure to show your support for young investigators and attend the poster sessions.

**POSTER ABSTRACT PRESENTATIONS**

**WEDNESDAY, FEBRUARY 6**

5:30 PM – 7:00 PM

**HALL I**

5:30 PM – 6:30 PM

**Professor-Led Poster Tours by Category, Session I:**

Moderated Q&A with Poster Presenters (HALL I)

Moderated Posters WMP1 – WMP120; see pg 54 - pg 61 in the Poster Abstract Index for a complete listing of all the posters in this Wednesday Professor-Led Poster Tour session.

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Late-Breaking Science Posters LBP1 – LBP41; see pg 93 – pg 95 in the Poster Abstract Index for a complete listing of all the Late-Breaking Science posters in this Wednesday session.

**THURSDAY, FEBRUARY 7**

5:30 PM – 7:00 PM

**HALL I**

5:30 PM – 6:30 PM

**Professor-Led Poster Tours by Category, Session II:**

Moderated Q&A with Poster Presenters (HALL I)

Moderated Posters TMP1 – TMP120; see pg 96 – pg 102 in the Poster Abstract Index for a complete listing of all the posters in this Thursday Professor-Led Poster Tour session.

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Posters TPS1 – TPS89; see pg 103 – pg 131 in the Poster Abstract Index for a complete listing of all the posters in this Thursday session.

Ongoing Clinical Trials Posters

CTP1 – CTP36; see pg 132 – pg 134 in the Poster Abstract Index for a complete listing of all the Ongoing Clinical Trials Posters in this Thursday session.

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FAHAs and other stroke leaders – please be sure to show your support for young investigators and attend the poster sessions.
Regional Comparison of Functional Connectivity Between “Salvaged” Peri-Infarct and Infarcted Tissue
Felix C Ng, Vijay Venkataraman, Nawaf Yassir, Mark Parsons, Andrew Bivard, Gagan Sharma, Patricia Desmond, Stephen Davis, Bruce C Campbell, Royal Melbourne Hosp, Parkville, Australia

Prediction of Subacute Infarction in Acute Ischemic Stroke Using Baseline Multi-modal MRI and Deep Learning
Yannan Yu, Yuan Xie, Thrallf Thamm, Kevin T Chen, Enhao Gong, Greg Zaharchuk, Stanford Univ, Palo Alto, CA

E-Aspects Derived Acute Ischemic Volumes on Non-Contrast Enhanced Computed Tomography Images Correlate With Diffusion Weighted Imaging Lesion Volumes and Predict Clinical Outcome in Acute Ischemic Stroke Patients
Simon Nagel, Univ Hosp Heidelberg, Heidelberg, Germany; Olivier Joly, Brainomix, Oxford, United Kingdom; Johannes Pfaff, Univ Hosp Heidelberg, Heidelberg, Germany; Panagiota Papanagiotou, Central Hosp Bremen, Bremen, Germany; Klaus Fassbender, Wolfgang Reifh, Univ of the Saarland, Homburg, Germany; Christian Herweh, Univ Hosp Heidelberg, Heidelberg, Germany; Iris Q Grunwald, Angela Ruskin, Univ Essex, United Kingdom

Underestimation of Ischemic Core on Perfusion CT in Patients With Acute Large Vessel Occlusion: Results From the BEST Prospective Cohort Study
James E Siegel, Steven R Messé, Hosp of the Univ of Pennsylvania, Philadelphia, PA; Heidi Sucharew, Hosp of the Univ of Pennsylvania, Cincinnati, OH; Tapan Mehta, Univ of Minnesota Medical Ctr, Minneapolis, MN; Nairaj Arora, Jackson Memorial Hosp, Miami, FL; Amy K Starace, Felipe De Los Rios La Rosa, Baptist Health Neuroscience Ctr, Miami, FL; Natasha R Bambhri, Oregon Health and Science Univ, Portland, OR; Akshikumar Mistry, Vanderbilt Univ Medical Ctr, Nashville, TN; Kishan Patel, Houston Methodist Neurological Hosp, Houston, TX; Salman Assad, Hosp of the Univ of Pennsylvania, Philadelphia, PA; Amjad Tarboosh, University Ctr, Miami, FL; Natasha R Barnhill, Oregon Health and Science Univ, Portland, OR; Rohan Chitale, Vanderbilt Univ, Nashville, TN; Sumera S Subzvari, Harold J Triedman, Amy Wang, Anthony D Yao, Luke L Zhu, Univ of California, San Francisco, San Francisco, CA

High Baseline Blood Pressure is Associated With Better Collaterals but Not Better Clinical Outcome in Acute Ischemic Stroke
Lan Hong, Xin Cheng, Huashan Hosp, Shanghai, China; Longting Lin, Sch of Med and Publ Health, Univ of Newcastle, Newcastle, Australia; Andrew Bivard, Brain Ctr at Royal Hospital, Univ of Melbourne, Melbourne, Australia; Qiang Dong, Huashan Hosp, Shanghai, China; Mark Parsons, Brain Ctr at Royal Hospital, Univ of Melbourne, Melbourne, Australia

Automated Regional Density Measurements on Baseline Non-Contrast CT Predict Final Infarction in Acute Ischemic Stroke Patients
Wolfgang G Kunz, LMU Munich, Munich, Germany; Nils D Forkert, Univ of Calgary, Calgary, AB, Canada; Steffen Tiedt, Frank A Wollenweber, Lars Kellert, Thomas Liebig, Andre Kemmling, Paul Reider, LMU Munich, Munich, Germany

Localizing Large Vessel Occlusions on Computed Tomography Angiography Using a Three-Dimensional Deep Learning Model

Aneurysm & SAH and Other Neurocritical Management Moderated Poster Tour

Selective Cerebral Vasodilation and Anti-Apoptotic Therapy With Shockwave-Induced Release of Nitric Oxide Using Nano Au-polymersomes/5-nitrosoglutathione
Wei-Tien Chang, Woon-Yi Wang, Min-Hsuan Hsu, Natl Taiwan Univ Hosp, Taipei, Taiwan; Po-Tsung Kao, Natl Chung Kung Univ, Taipei, Taiwan; Yu-Chen Chang, Chih-Hung Wang, Min-Shan Tsai, Hsiao-Ju Cheng, Chien-Hua Huang, Wen-Shiang Chen, Natl Taiwan Univ Hosp, Taipei, Taiwan; Ian Liao, Natl Chiyo Tung Univ, Hsinchu, Taiwan; Chen-Sheng Yeh, Natl Chung Kung Univ, Taipei, Taiwan; Wen-Jone Chen, Natl Taiwan Univ Hosp, Taipei, Taiwan

Endocannabinoid 2-Arachidonoylglycerol is Associated With Outcome After Aneurysmal Subarachnoid Hemorrhage
Zsuzsanna Ament, Christina Hansen, Zoe Wolcott, Amat Patel, W Taylor Kimberly, Massachusetts General Hosp, Boston, MA

Detection and Segmentation of Subarachnoid Hemorrhages With Deep Learning
Renan Sales Barros, Nicolab, Amsterdam, Netherlands; Wessle E van der Steen, Noordwest Ziekenhuisgroep, Alkmaar, Netherlands; Elena Pomarevova, Anna M Boers, Nicolab, Amsterdam, Netherlands; Ustrbrand J Zijlstra, Rene van der Berg, Dagmar Verbaan, W F Vandertop, Charles B Majoe, Silvia D Olabariaga, Henk A Marquering, Amsterdam UMC, Amsterdam, Netherlands

F2-Isoprostanes and Isofurans as Markers of Oxidative Stress and Delayed Cerebral Ischemia Following Aneurysmal Subarachnoid Hemorrhage
Jeao Gomes, Cleveland Clinic, Cleveland, OH; Leah Shriver,stress, City of Akron, Akron, OH; Mark Bain, Cleveland Clinic, Cleveland, OH; Ginger Milne, Vanderbilt Univ, Nashville, TN; Asha Kallianpur, Cleveland Clinic, Cleveland, OH

Plasma Soluble Human Elastin Fragments as an Intra-Aneurysmal Localized Biomarker for Ruptured Intracranial Aneurysms
Daichi Nakagawa, Mario Zanaty, Joseph Hudson, Nahom Teferi, Iowa Hosp and CL Univ, Iowa City, IA; Daizo Ishii, Hiroshima Univ, Hiroshima, Japan; Lauren Allen, Pascal Jabbour, Santiago Ortega-Gutierrez, Edgar A Samaniego, David M Hasan, Iowa Hosp and CL Univ, Iowa City, IA

Endovascular Coiling Recommended for Management of Elderly Patients With Unruptured Cerebral Aneurysm Based on the Nationwide Database in Japan
Fusao Ikawa, Graduate Sch of Biomedical and Health Sciences, Hiroshima Univ, Hiroshima, Japan; Nobukiuchi Michihata, Hideo Yasunaga, Sch of Public Health, The Univ of Tokyo, Tokyo, Japan; Kaoru Kurisu, Graduate Sch of Biomedical and Health Sciences, Hiroshima Univ, Hiroshima, Japan

Towards Cerebral Aneurysm Rupture Risk Prediction Using Quantitative Analysis by 4D Flow MRI: Intra-Aneurysmal Vortical Blood Flow and Association to Wall Shear Stress
Mohammed S M Elbaza, Maria Aristova, Liliana Ma, Alireza Vali, Northwestern Univ, Chicago, IL; Emilie Bolallace, Sorbonne Univ, CNRS, INSERM, Paris, France; Alex J Barker, Michael C Hurley, Matthew B Potts, Babak S Jahanmiri, Sameer A Ansari, Michael Mark, Susanne Schnell, Northwestern Univ, Chicago, IL

SECTION 3

Moderator: See Mobile Meeting Guide app.

Selecting Vortical Blood Flow Analysis in Intra-Aneurysmal Sites to Predict Rupture Risk
Nils D Forkert, Univ of Calgary, Calgary, AB, Canada; Steffen Tiedt, Frank A Wollenweber, Lars Kellert, Thomas Liebig, Andre Kemmling, Paul Reider, LMU Munich, Munich, Germany; IJsbrand J Zijlstra, Rene van der Berg, Dagmar Verbaan, W F Vandertop, Charles B Majoe, Silvia D Olabariaga, Henk A Marquering, Amsterdam UMC, Amsterdam, Netherlands

Towards Cerebral Aneurysm Rupture Risk Prediction Using Quantitative Analysis by 4D Flow MRI: Intra-Aneurysmal Vortical Blood Flow and Association to Wall Shear Stress
Mohammed S M Elbaza, Maria Aristova, Liliana Ma, Alireza Vali, Northwestern Univ, Chicago, IL; Emilie Bolallace, Sorbonne Univ, CNRS, INSERM, Paris, France; Alex J Barker, Michael C Hurley, Matthew B Potts, Babak S Jahanmiri, Sameer A Ansari, Michael Mark, Susanne Schnell, Northwestern Univ, Chicago, IL
SECTION 7

Moderator: See Mobile Meeting Guide app.

Poster Board Number MP73 / Presentation Number WMP73
Jameson Veldhuijzen, Arizona State Univ, Tempe, AZ; Seth Truran, Phoenix VA, Phoenix, AZ; Jillian Madine, Hannah Davies, Univ of Liverpool, United Kingdom; Nina Karamanova, Phoenix VA, Phoenix, AZ; Mehdi Nikkhah, Arizona State Univ, Tempe, AZ; Raymond Q Migrino, Phoenix VA and Univ of Arizona Coll of Med-Phoenix, Phoenix, AZ

Poster Board Number MP74 / Presentation Number WMP74
Resuscitation Fluid With Drug Reducing Additive Reduces Microthrombosis and Oxidative Stress After Traumatic Brain Injury Complicated by Hemorrhagic Shock
Denis E Bragin, Olga A Bragina, Edwin M Nemoto, Univ of New Mexico Sch of Med, Albuquerque, NM

Poster Board Number MP75 / Presentation Number WMP75
A Modified, Recombinant Tissue Plasminogen Activator-Responding Photothermic Stroke Model
Yu-Yo Sun, Chia-Yi Kuan, Univ of Virginia Sch of Med, Charlottesville, VA

Poster Board Number MP76 / Presentation Number WMP76
Sexually Dimorphic Response to Stroke of mir-181a and mir-200c in Aged Mice
Brian Benjamin Griffiths, Stanford, Palo Alto, CA; Oiva Arvoila, Stanford, Stanford, CA; Anvee Bhutani, Jason Pastroudis, Lijun Xu, Stanford, Palo Alto, CA; Creed Stary, Stanford, CA

SECTION 8

Moderator: See Mobile Meeting Guide app.

Poster Board Number MP85 / Presentation Number WMP85
Clinical Effectiveness of Direct Oral Anticoagulants (DOACs) vs Warfarin in Older Ischemic Stroke Patients With Atrial Fibrillation: Findings From Patient-Centered Research Into Outcomes Stroke Patients Prefer and Effectiveness Research (PROSPER) Study
Ying Xian, Haolin Xu, Emily C O'Brien, Duke Clinical Res Institu, Durham, NC; Shreyansh Shah, Duke Univ, Durham, NC; Laine Thomas, Michael J Pencina, Duke Clinical Res Institu, Durham, NC; Gregg G Fonarow, UCLA, Los Angeles, CA; DaleW M Olson, UT Southwestern, Dallas, TX; Lee H Schwamm, Massachusetts General Hosp, Boston, MA; Deepak L Bhatt, Brigham and Women's Hosp Heart & Vascular Ctr and Harvard Medical Sch, Boston, MA; Eric C Smith, Univ of Calgary, Calgary, AB, Canada; Deidre Hannah, Patient Co-Investigator, Richland Hills, TX; Brianna Lindholm, Patient Co-Investigator, Frisco, TX; Lesley Maisch, Duke Clinical Res Institu, Amherst, NY; Barbara L Lytle, Eric D Peterson, Adrian F Hernandez, Duke Clinical Res Institu, Durham, NC
**Poster Board Number MP86 / Presentation Number WMP96**

Infection During Delivery Hospitalization is Associated With Increased Risk of Readmission for Postpartum Stroke
Eliza C Miller, Neurological Inst of New York/Columbia Univ Medical Ctr, New York, NY; Jessica Medina, Columbia Univ, New York, NY; Alexander M Friedman, Columbia Univ Medical Ctr, New York, NY; Mitchell S Elkind, Amela K Bohme, Neurological Inst of New York/Columbia Univ Medical Ctr, New York, NY

**Poster Board Number MP87 / Presentation Number WMP97**

Incidence and Clinical Predictors of Late Seizures in Survivors of Ischemic Stroke Using a Linking Stroke Registry With Administrative Claims Data
Mi Sun Oh, Hallym Univ Sacred Heart Hosp, Anyang, Korea, Republic of; Tae Jung Kim, Seoul Natl Univ Hosp, Seoul, Korea, Republic of; Ji Sung Lee, Asan Medical Ctr, Seoul, Korea, Republic of; Jiwon Kim, Health Insurance Review and Assessment Service, Wonju, Korea, Republic of; Byung-woo Yoon, Seoul Natl Univ Hosp, Seoul, Korea, Republic of; Byung-Chul Lee, Hallym Univ Sacred Heart Hosp, Anyang, Korea, Republic of

**Poster Board Number MP88 / Presentation Number WMP98**

Clinical Symptom Profiles After Stroke
Irene L Katzan, Brittany Lapin, Cleveland Clinic, Cleveland, OH

**Poster Board Number MP89 / Presentation Number WMP99**

Examining the Constructs of the Patient Health Questionnaire (PHQ-9) in the Stroke Population
Liming Dong, Univ of Michigan Sch of Public Health, Ann Arbor, MI; Lesli Skolarus, Lewis Morgenstern, Univ of Michigan Med Sch, Ann Arbor, MI; Lynda Lisabeth, Univ of Michigan Sch of Public Health, Ann Arbor, MI

**Poster Board Number MP90 / Presentation Number WMP90**

Association Between Post-Discharge Complications and One-Year Mortality After Ischemic Stroke
Judith H Lichtman, Erica C Leifheit, Yale Sch of Public Health, New Haven, CT; Yun Wang, Harvard TH Chan Sch of Public Health, Boston, MA; Larry B Goldstein, Univ of Kentucky, Lexington, KY

**Poster Board Number MP91 / Presentation Number WMP91**

Worse Outcomes After Ischemic Stroke for Dual-Eligible Medicare-Medicaid Beneficiaries
Erica C Leifheit, Yale Sch of Public Health, New Haven, CT; Yun Wang, Harvard TH Chan Sch of Public Health, Boston, MA; Larry B Goldstein, Univ of Kentucky, Lexington, KY; Judith H Lichtman, Yale Sch of Public Health, New Haven, CT

**Poster Board Number MP92 / Presentation Number WMP92**

Stroke Outcome of Care Measures in Relation to Long-term Mortality in the Florida Puerto Rico Collaboration to Reduce Stroke Disparities (FL-PR CRoSSD) Study
Hannah Gardner, Tatjana Rundek, Univ of Miami Med Sch, Miami, FL; Judith H Lichtman, Erica C Leifheit, Yale Sch of Public Health, New Haven, CT; Kefeng Wang, Jose F Berlante, Ralph L Sacco, Univ of Miami Med Sch, Miami, FL

**Poster Board Number MP93 / Presentation Number WMP93**

Addressing Stroke Patient and Family Reasons for Not Calling 911
Margaret Ramirez, Rodney Bedgio, Virginia Ramos, Ivis C Gonzalez, Ysima Miro Gonzalez, Amy K Staciaski, Daniel D’Amour, Jayme Strauss, Felipe De Los Rios La Rosa, Baptist Health South Florida, Miami, FL

**Poster Board Number MP94 / Presentation Number WMP94**

Identifying Opportunities to Improve Hypertension Management Among Hospitals Participating in Michigan’s Ongoing Stroke Registry to Accelerate Improvement of Care (MOSAIC)
Kimberly A Gray, St Joseph Mercy Hosp, Ypsilanti, MI; Adrienne V Nickles, Suzanne O’Brien, Ghada Ibrahim, Samantha R Wall, Kristal Quarterman, Robert Wahl, Terri Scorscia-Wilson, Michigan Dept of Health and Human Services, Lansing, MI; Stacie L Demel, Mathew J Reeves, Michigan State Univ, East Lansing, MI

**Poster Board Number MP95 / Presentation Number WMP95**

The Effect of Race and White Matter Hyperintensity on Quality of Life Following Lacunar Stroke: A Secondary Analysis of SPSS3 Study
Chelsia Meyer, Jordan Ruff, Adam de Havenon, Univ of Utah, Salt Lake City, UT

**Poster Board Number MP96 / Presentation Number WMP96**

Predictors and Outcomes of Stroke Following Coronary Artery Bypass Graft Surgery in California
Limin Wang, Holly Hoehg, Merry Holland-Hanson, Christopher Krawczyk, Office of Statewide Health Planning and Development, Sacramento, CA

**Poster Board Number MP97 / Presentation Number WMP97**

Racial/Ethnic Disparities in the Risk of Intracerebral Hemorrhage Recurrence
Zachary A King, Audrey C Leasure, Victor Torres-Lopez, Yale, New Haven, CT; Daniel Woo, Univ of Cincinnati, Cincinnati, OH; Daniel F Hanley, Wendy Ziai, Johns Hopkins, Baltimore, MD; Santosh B Murthy, Cornell, New York City, NY; Charles C Matouk, Lauren H Sансng, Guido J Falcone, Kevin N Sheth, Yale, New Haven, CT

**Poster Board Number MP98 / Presentation Number WMP98**

Apolipoprotein E Genotype Predicts Anticoagulation-associated Intracerebral Hemorrhage Recurrence
Sebastian Urday, Alessandro Biffi, Ana Ramirez-Lopez, Marco Pasi, Christina Kourkoulis, Kristin Schwab, Steven M Greenberg, Anand Viswanathan, M Edip Gurrol, Massachusetts General Hosp, Boston, MA; Kevin N Sheth, Yale Univ Sch of Med, New Haven, CT; Christopher Anderson, Jonathan Rosand, Massachusetts General Hosp, Boston, MA

**Poster Board Number MP99 / Presentation Number WMP99**

In-Hospital Delirium and Long-Term Cognitive Outcomes Among Patients With Intracerebral Hemorrhage: A Population-Based Cohort Analysis
Jennifer R Meeks, Arvind B Bambroliya, Jon E Tyson, Charles C Miller, Univ of Texas HSC at Houston, Houston, TX; Babar Khan, Indiana Univ, Indianapolis, IN; Sunil A Sheth, Louise D McCullough, James C Grotta, Jaroslav Aronowski, Sean I Savitz, Farhaan S Vahidy, Univ of Texas HSC at Houston, Houston, TX

**Poster Board Number MP100 / Presentation Number WMP100**

Prior Antiplatelet Use and Outcomes After Lobar, Deep, and Intraventricular Hemorrhage

**Poster Board Number MP101 / Presentation Number WMP101**

Prognosis and Ischemic Stroke Occurrence in Patients With Intracerebral Hemorrhage and Concomitant DWI Lesions
Eva A Rocha, Univ Federal de Sao Paulo, Sao Paulo, Brazil; Marco Pasin, Massachusetts General Hosp, Boston, MA; Gisele S Silva, Univ Federal de Sao Paulo, Sao Paulo, Brazil; Anand Viswanathan, Anees B Singhah, Massachusetts General Hosp, Boston, MA

**Poster Board Number MP102 / Presentation Number WMP102**

Antiplaquette Therapy in Intracerebral Hemorrhage
Maximilian I Sprüget, Joji K Kuramatsu, Stefan T Gerner, Jochen A Sembill, Vanessa D Beuschler, Manuel Hagen, Sebastian S Roeder, Hannes Lücking, Tobias Struffert, Arnd Dörfler, Stefan Schubert, Hagen B Huttner, Univ hospital Erlangen, Erlangen, Germany

**Poster Board Number MP103 / Presentation Number WMP103**

Serum IgG Titers of Periodontal Pathogens Predict Hemorrhage Growth and 3-Month Outcome in Patients With Cerebral Hemorrhage
Masahiro Nakamori, Suiseikai Kajikawa Hosp, Hiroshima, Japan; Naohisa Hosomi, Hiroshima Univ Graduate Sch of Biomedical and Health Sciences, Hiroshima, Japan; Hiromi Nishi, Hiroshima Univ Hosp, Hiroshima, Japan; Yui Shiga, Hiroshima Univ Graduate Sch of Biomedical and Health Sciences, Hiroshima, Japan; Hayato Matsushita, Suiseikai Kajikawa Hosp, Hiroshima, Japan; Shiro Aoki, Tomohisa Nezu, Naoto Kinoshiba, Hiroshima Univ Graduate Sch of Biomedical and Health Sciences, Hiroshima, Japan; Eiji Imamura, Shinki Wakabayashi, Suiseikai Kajikawa Hosp, Hiroshima, Japan; Hirofumi Maruyama, Hiroshima Univ Graduate Sch of Biomedical and Health Sciences, Hiroshima, Japan

**Poster Board Number MP104 / Presentation Number WMP104**

Complement System is Acutely Activated in Humans After Intracerebral Hemorrhage
Rem Gowda, Rutgers Robert Wood Johnson Medical Sch, New Brunswick, NJ; Sarah J Doran, Ashwin Reddi, Nicholas A Morris, Wan-Tsu W Chang, Melissa Motta, Neeraj Badjadia, Univ of Maryland Sch of Med, Baltimore, MD; Daniel Woo, Univ of Cincinnati Coll of Med, Cincinnati, OH; Steven J Kittner, David Loane, Univ of Maryland Sch of Med, Baltimore, MD; Milan Basta, BioVisions, Inc, Potomac, MD; Gunjan Parikh, Univ of Maryland Sch of Med, Baltimore, MD
Poster Board Number MP105 / Presentation Number WMP105
Cerebral Micro-Bleeds After Extra-Corporeal Membrane Oxygenation: A Common Occurrence
Tapan Mehta, Andrew Zhang, Huseyin Tore, Shailish Male, Jason Bartos, Bharathi Jagadeesan, Mustapha Ezzeddine, Univ of Minnesota, Minneapolis, MN

Poster Board Number MP106 / Presentation Number WMP106
Haptoglobin is Present as Zonulin in the Brain and Overexpression Improves Intracerebral Hemorrhage Outcomes
Jenna Leclerc, Oregon Health & Science Univ, Portland, OR; Andrew S Lampert, Harrison Phillips, Tina Esfandiary, Alex Dang, Juan Santiago-Moreno, Sylvain Dore, Univ of Florida, Gainesville, FL

Poster Board Number MP107 / Presentation Number WMP107
Cerebrospinal Fluid Leukocyte Subtypes After Intraventricular Hemorrhage: An Analysis of the CLEAR-III Trial
Aaron M Gusdon, Kendel Quirk, Yunis M Mayasi, Joshua Betz, Daniel F Hanley, Wendy Ziai, Johns Hopkins Univ, Baltimore, MD

Poster Board Number MP108 / Presentation Number WMP108
Brain-Oral Axis: Cnm-Positive S. mutans Infection is a Novel Risk Factor for Cerebral Bleeding
Satoshi Hosoki, Satoshi Saito, Shuichi Tonomura, Hiroyuki ishiyama, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan; Ryota Nemura, Kazuhiko Nakano, Osaka Univ Dental Hosp, Osaka, Japan; Kazunori Toyoda, Masafumi Ibara, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan

Nursing & Pediatric Stroke Moderated Poster Tour
WMP109 – WMP120

SECTION 10

Moderator: See Mobile Meeting Guide app.

Poster Board Number MP109 / Presentation Number WMP109
Transitional Care Matrix to Improve the Coordination of Stroke Care Between Inpatient and Outpatient Care Settings
Katelyn Skeels, Lester Y Leung, Tufts Medical Ctr, Boston, MA

Poster Board Number MP110 / Presentation Number WMP110
Catchy Acronym Improves Compliance in Hospital Struggling With Dysphagia Screening and NIHSS Assessment Upon Admission
Annette N Bannon, Penny S Eriks, Erin K Weiss, Silver Cross Hosp, New Lenox, IL

Poster Board Number MP111 / Presentation Number WMP111
Family Perceptions of Quality of End-of-Life Care in Stroke: The OASIS Study
Darin B Zafuraneac, Fatema Shafie-Khorassani, Bridget A Corbett, Sehee Kim, Carmen Ortiz, Rebecca J Lank, Erin Case, Lewis Morgenstern, Univ of Michigan, Ann Arbor, MI

Poster Board Number MP112 / Presentation Number WMP112
Transforming Practice: Stroke Unit Nurses as Inpatient Code Stroke Responders
Joan M Walsh, Ashley E Perry, Diane Leinhauser, RI Hosp/Lifespan, Providence, RI

Poster Board Number MP113 / Presentation Number WMP113
Improvement of Door-to-Groin Puncture Times in Stroke Codes
Avneesh Kaur Uppal, Wendy Rutherford, Sheila Erickson, Sharp Grossmont Hosp, La Mesa, CA

Poster Board Number MP114 / Presentation Number WMP114
Regional Stroke Program Coordinator Nurses Standardize EMS Feedback Utilizing Kurt Lewin’s Change Model
Molly C Archer, VA Portland Health Care System, Portland, OR; Megan Fuller, Legacy Emanuel Medical Ctr, Portland, OR; Kailey Cox, Providence St Vincent Medical Ctr, Portland, OR; Natalie Swearingen, Providence Portland Medical Ctr, Portland, OR

Poster Board Number MP115 / Presentation Number WMP115
Selection Criteria for Thrombectomy in Pediatric Stroke: A Single-Center Series
Sarah Lee, Jeremy J Hite, Gregory W Albers, Max Wintermark, Jorina Elbers, Eric Bernier, Bin Jiang, Michael P Marks, Huy M Do, Robert Dodd, Stanford Univ Sch of Med, Palo Alto, CA

Poster Board Number MP116 / Presentation Number WMP116
Acute Infarct Volume in Childhood Stroke Can Be Accurately Estimated by Modelling Contraction of Chronic Infarction
Kartik Reddy, David Mersky, Amanda Kenny, Dianne Thornhill, Timothy Bernard, Nicholas Stence, Univ of Colorado Anschutz Sch of Med, Aurora, CO

Poster Board Number MP117 / Presentation Number WMP117
Inhibition of Calcium/Calmodulin-Dependent Protein Kinase Kinase Is Detrimental in Neonatal Hypoxia-Ischemic Brain Injury
Jia-Wei Min, Fan Bu, Li Qi, Louise D McCullough, Jun Li, UHealth, Houston, TX

Poster Board Number MP118 / Presentation Number WMP118
The Association Between Sleep Related Breathing Disorders and Neuropsychological Function in Pediatric Stroke

Poster Board Number MP119 / Presentation Number WMP119
An MRI Surveillance Protocol for Pediatric Sickle Cell Anemia
J Michael Taylor, Charles Quinn, Sudhakar Vadivelu, Lori Luchtman-Jones, Cincinnati Childrens Hosp Med Ctr, Cincinnati, OH

Poster Board Number MP120 / Presentation Number WMP120
The Role of Age, Lesion Location and Volume in Predicting Long-Term Neurological Outcomes in Pediatric Ischemic Stroke
Jaspal Singh, Univ Hosp Southhampton NHS Fndn Trust, Southhampton, United Kingdom; Pradeep Krishnan, Mahmoud Slim, Ann-Marie Pentigon, Julie Paterson, Mahendranath Moharir, Daune MacGregor, Nomazulu Dlamini, Robyn Westmacott, Gabrielle deVeber, The Hosp for Sick Children, Toronto, ON, Canada
### Acute Endovascular Treatment Posters I

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**Poster Board Number P1 / Presentation Number WP1**

**Threshold Volume Associated With Higher Survival After Endovascular Recanalization Therapy of Acute Ischemic Stroke**

Dong-Hyun Shim, Samsung Changwon Hosp, Changwon-si, Korea, Republic of; Youngsoo Kim, MH Yeonse Hosp, Changwon-si, Korea, Republic of; Jeun Roh, Pusan Natl Univ Yangsan Hosp, Yangsan-si, Korea, Republic of; Jongsung Kang, Gyeongsang Natl Univ Hosp, Jinju-si, Korea, Republic of; Kyung-Pi Park, Pusan Natl Univ Yangsan Hosp, Yangsan-si, Korea, Republic of; Joo-Kwan Cha, Dong-A Univ Hosp, Busan-si, Korea, Republic of; Seung Kug Baik, Pusan Natl Univ Yangsan Hosp, Yangsan-si, Korea, Republic of; Yoon Kim, Coll of Med, Seoul Natl Univ, Seoul, Korea, Republic of; 

**Poster Board Number P2 / Presentation Number WP2**

**Tissue Based Selection for Large Vessel Occlusion Thrombectomy Leads to Similar Functional Outcomes in Conventional (0-6 Hours) and Extended (>6 Hours) Window**

Charit Bhan, Mubih Khan, Spectrum Health, Grand Rapids, MI; Lee Elsevich, Univ of Michigan, Ann Arbor, MI; Tracy Koehler, Justin Singer, Paul Mazaris, Rajeev Deveshwar, Basel Raad, Joseph Zachariah, Jordan Combs, Michelle Dejessus, Raymond Scureck, Tricula Tubergen, Laurel Packard, Jiangyong Min, Todd Mulderink, Tamer Abdelhak, Spectrum Health, Grand Rapids, MI

**Poster Board Number P3 / Presentation Number WP3**

**Decreases in Blood Pressure During Endovascular Stroke Therapy Are Associated With Larger Infarct Volumes and Poor Functional Outcome**

Nils H Petersen, Anson Wang, Yale Sch of Med, New Haven, CT; Binbin Zhen-Li, Univ of Iowa, Iowa City, IA; Sumita Strandberg, Srikanth Kodali, Andrew Silverman, Lauren H Samsing, Yale Sch of Med, New Haven, CT; Gloria V Lopez, Univ of Iowa, Iowa City, IA; Joseph L Schindler, Charles Matouk, Ryan M Hebert, Kevin N Sheth, Yale Sch of Med, New Haven, CT; Santiago Ortega Gutierrez, Univ of Iowa, Iowa City, IA

**Poster Board Number P4 / Presentation Number WP4**

**Which Characteristics Determine the Decision to Proceed With Endovascular Therapy in Acute Stroke Patients: Results From an International Multidisciplinary Study**

Gustavo Sapsonik, St Michael’s Hosp - Univ of Toronto, ON, Canada; Alexis Wilson, Mohammad Almekhlafi, Nima Kashani, Univ of Calgary, Calgary, AB, Canada; Wolfgang Kunz, Univ of Munich, Munich, Germany; Blaise Baxter, St Michael’s Hosp - Unif of Toronto, ON, Canada; Shila Jagiella, Dept of Neurology, Sri Chitra Tirunal Inst for Medical Sciences and Technology, Trivandrum, India; Bruce Campbell, Peter Michell, Royal Hosp Melbourne, Melbourne, Australia; Urs Fisher, Univ of Bern, Bern, Switzerland; Alejandro Rabenstein, May Clinic, Rochester, MN, USA; Sishini Yoshimura, St Michael’s Hosp - Univ of Toronto, Hyogo, Japan; Ji Heo Heo, BM Kim, Yonsei Univ, Seoul, Korea, Democratic People’s Republic of; Matthew Cherian, Sri Chitra Tirunal Institute of Medical Sciences and Technology, Trivandrum, India; Francis Turjman, Univ of Lyon, Lyon, France; Mona Foss, Michael D Hill, Bijoy Menon, Univ of Calgary, Calgary, AB, Canada; Mayank Goyal, Univ of Calgary, Calgary, ON, Canada; On behalf of the UNMAST EVT Research Group
Poster Board Number P12 / Presentation Number WP12

Long-term Effect Beyond 90 Days After Endovascular Therapy
Kenichi Todo, Stroke Ctr, Osaka Univ Graduate Sch of Med, Suita, Japan; Nobuyuki Sakai, Hiroshi Imaizumi, Comprehensive Stroke Ctr, Kobe City Medical Ctr General Hosp, Kobe, Japan; Hiroshi Yamagami, Dept of Neurology, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Hidetoshi Adachi, Tomoyuki Kono, Comprehensive Stroke Ctr, Kobe City Medical Ctr General Hosp, Kobe, Japan; Junya Kobayashi, Dept of Vascular Neurology, Natl Hosp Organization Osaka Minami Medical Ctr, Kawauchi-nagano, Japan; Shiro Yamamoto, Div of Stroke Med, Natl Hosp Organization Osaka Medical Ctr, Osaka, Japan; Takeshi Morimoto, Dept of Clinical Epidemiology, Hyogo Coll of Med, Nishinomiya, Japan; Manabu Sakaguchi, Hajime Nakamura, Hanahiko Kishima, Hideki Mochizuki, Stroke Ctr, Osaka Univ Graduate Sch of Med, Suita, Japan; Nobuo Kohara, Comprehensive Stroke Ctr, Kobe City Medical Ctr General Hosp, Kobe, Japan

Poster Board Number P13 / Presentation Number WP13

Time to Treatment With Endovascular Reperfusion Therapy and Outcome From Acute Ischemic Stroke in the National US GWTG-Stroke Population
Reza Jahan, Jeffrey L Saver, UCLo Hosp, Los Angeles, CA; Lee H Schwamm, MGH, Boston, MA; Greg C Fonarow, UCLo Hosp, Los Angeles, CA; Li Liang, Roland A Matsouaka, Ying Xian, Eric D Peterson, Duke Univ, Durham, NC; Dileep Yavagal, Univ of Miami, FL; Eric E Smith, Univ of California, AB, Canada

Poster Board Number P14 / Presentation Number WP14

Association Between Socioeconomic Status and Endovascular Therapy Among Medicare Beneficiaries With Acute Ischemic Stroke

Poster Board Number P15 / Presentation Number WP15

Safety of Dual Antiplatelet Treatment in Emergent Large Vessel Occlusion (ELVO) Patients Treated With Mechanical Thrombectomy (MT) and Extracranial Internal Carotid Artery Stenting
Munir Fattah, Georgios Tsivgoulis, Nitin Goyal, Abhi Pandhi, Rashish Krishnan, Dept of Neurology, Univ of Tennessee Health Science Ctr, Memphis, TN; Konar Malhotra, Dept of Neurology, West Virginia Univ-Charlestone Div, Charleston, WV; Balaji Krishniah, Dept of Neurology, Univ of Tennessee Health Science Ctr, Memphis, TN; Christopher Nickele, Dept of Neurosurgery, Univ of Tennessee Health Science Ctr and Semmes-Murphey Clinic, Memphis, TN; Vozilia Inoa, Dept of Neurology, Univ of Tennessee Health Science Ctr, Memphis, TN; Daniel Holt, Dept of Neurosurgery, Univ of Tennessee Health Science Ctr and Semmes-Murphey Clinic, Memphis, TN; Lucas Elijovich, Anne W Alexandrov, Andrei V Alexandrov, Dept of Neurology, Univ of Tennessee Health Science Ctr, Memphis, TN; Adam S Arthur, Dept of Neurosurgery, Univ of Tennessee Health Science Ctr and Semmes-Murphey Clinic, Memphis, TN

Poster Board Number P16 / Presentation Number WP16

Symptomatic Retinal Artery Occlusion After Carotid Artery Angioplasty and Stent: Incidence and Related Risk Factors
Young Dae Cho, Seoul Natl Univ Hosp, Seoul, Korea, Republic of

Poster Board Number P17 / Presentation Number WP17

Blood Pressure Reduction Within 24 Hours After Mechanical Thrombectomy Does Not Correlate With Outcome: A Collaborative Pooled Analysis
Mohammad Akandani, Yoser Orabi, Ali Alwileh, Medical Univ of South Carolina, Charleston, SC; Nitin Goyal, Univ of Tennessee, Memphis, TN; Abhi Pandhi, Hunter Mitchell, Andrei Alexandrov, Univ of Tennessee Health Science Ctr, Memphis, TN; Ilko L Maier, Marius-Nikos Psychogios, Jan Liman, Univ Medical Ctr Göttingen, Göttingen, Germany; Ovais Inamullah, Duke Univ Hosp, Durham, NC; Christina Swisher, Duke Medical Ctr, Durham, NC; Sharleen Rahman, Duke Univ Hosp, Durham, NC; Akaash Kansagra, Washington Univ Sch of Med and Barnes-Jewish Hosp, St Louis, MO; James A Giles, Washington Univ Sch of Med, St Louis, MO; Michelle Allen, Washington Univ Sch of Med, St Louis, MO; Stacey Quintero Wolfe, Wake Forest Sch of Med, Winston Salem, NC; Peter Kan, Fabio A Nascimento, Baylor Coll of Med, Houston, TX; Raymond D Turner IV, Alejandro M Spiotta, Medical Univ of South Carolina, Charleston, SC

Poster Board Number P18 / Presentation Number WP18

The Impact of Fast versus Slow Infarct Growth on Recanalization in Patients Presenting With Acute Ischemic Stroke
Kavil Shah, Shashvat Desai, Marcelo Rocha, Christine Hawkes, Danoshika Teneeme, Tudor G Jovin, Ashutosh P Jadhav, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA

Poster Board Number P19 / Presentation Number WP19

How Many Patients With Acute Ischemic Stroke Are Eligible to Apply Dawn and Defuse 3 Mismatch Criteria? Results From a Prospective Stroke Center Database
Alexandra Prakapenia, Kristian Barlinn, Jessica Barlinn, Lars-Peder Pallesen, Timo Siegmann, Kevin Haedrich, Andrej Abramyan, Johannes Garber, Jennifer Linn, Volker Puetz, Univ Hosp Dresden, Dresden, Germany

Poster Board Number P20 / Presentation Number WP20

Tandem Occlusions; Does Pretreatment With Thrombolytics Matter
Jessica Frey, Amelia K Addock, Muhammad Aivi, Phong Vu, West Virginia Univ, Morgantown, WV; Bruno Duru, UT health, Houston, TX; Yasser Kabbani, Patrick Kane, Ansaar Rai, West Virginia Univ, Morgantown, WV

Poster Board Number P21 / Presentation Number WP21

Successful Reperfusion With Thrombectomy in Patients With Large Dwi Lesion Is Associated With Reduced Occurrence of Malignant Stroke
Candice Sabbas, Jean-Philippe Desilles, Frederique Charbonneau, Julien Savatovsky, Jean-Claude Sadik, Simon Escalard, Hocine Redjem, Stanislav Smajda, Gabriele Ciccio, Raphael Blanc, Robert Fahed, Malek Ben Maacha, Erwan Morvan, Alexandre Obadia, Caroline Le Guernel, Nicolas Engrand, Fondation Ophtalmologique À de Rothschild, Paris, France; Julien Labreuche, CHRU Lille, Lille, France; Mikael Mazzighi, Michael Obadia, Michel Plotin, Fondation Ophtalmologique À de Rothschild, Paris, France

Poster Board Number P22 / Presentation Number WP22

A New Technique for the Assessment of Cerebral Vasodilatory Capacity as Part of Catheter-Based Cerebral Angiography
Adnan I Qureshi, Zeenat Qureshi Stroke Inst, St Cloud, MN; Erdem Gurkas, SBU Training and Res Hosp, Ankara, Turkey; Emrah Aytac, Fırat Univ, Elazığ, Turkey; Ahmer Asif, Muhammad A Waqas, Shawn S Wallery, Zeenat Qureshi Stroke Inst, St Cloud, MN

Poster Board Number P23 / Presentation Number WP23

Impact of Aortic Arch Anatomy on Technical Performance and Clinical Outcomes in Acute Ischemic Stroke Patients
Joseph Knox, Judy Chi’ang, Daniel Murph, Van Halbach, Randall Higashida, Christopher Dowden, Steven Hetts, Matt Amans, Daniel Cooke, Univ of California San Francisco, San Francisco, CA

Poster Board Number P24 / Presentation Number WP24

Impact of Blood Pressure Control in First 24 Hrs Post-Thrombectomy
Cheran Elangovan, Muhammad Niaz, Nathan Deturk, Penn State Health, Hershey, PA; Alicia Richardson, Penn State Health, Palmrya, PA; Cesar Velasco, Kenneth Liu, David Ermak, Penn State Health, Hershey, PA

Poster Board Number P25 / Presentation Number WP25

Trends in the Use of Intravenous tPA and Mechanical Thrombectomy [MT] Among Elderly Medicare Beneficiaries Hospitalized for Acute Ischemic Stroke
Mary S Vaughan Sarrazin, Enrique Leira, Univ of Iowa, Iowa City, IA

Poster Board Number P26 / Presentation Number WP26

Factors Related to Acute Brain Swelling After Successful Recanalization With Mechanical Thrombectomy
Yuki Hamada, Kentaro Tatsuno, Fukano Takayuki, Yoshiaki Tokuyama, Satoshti Takaishi, Noriko Usuki, Tatsuo Takeda, Yasuyuki Yoshida, Hajime Ono, Toshihito Ueda, St Marianna Univ Sch, Kanagawa Prefecture, Japan

Poster Board Number P27 / Presentation Number WP27

Alteration in Clinical Outcome Between Discharge and Three Months After Mechanical Thrombectomy versus Medical Management in Late-Presenting Stroke Patients
Joanna D Schaabfima, Vitor M Pereira, Toronto Western Hosp, Toronto, ON, Canada; Yanling Zhang, Stryker, Fremont, CA; Ashutosh P Jadhav, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Diogo C Haussen, Emory Healthcare, Atlanta, GA; Ronald F Budzik, Ohio Health Group, Columbus, OH; Alain Bonafe, CHU Montpellier, Montpellier, France; Dileep R Yavagal, Univ of Miami, Miami, FL; Ricardo A Hanel, Baptist Health System, Jacksonville, FL; Marc Ribó, ICS Vall d’Hebron Hosp, Barcelona, Spain; Christophe Cognard, CHU Toulouse, Toulouse, France; Cathy A Sila, UH Cleveland, Cleveland, OH; Ameer E Hassan, Valley Baptist Physician Network, Harlingen, TX; Wade S Smith, UCSF, San Francisco, CA; Jeffrey L Saver, UCLA Medical Ctr, Los Angeles, CA; David S Liebeskind, UCLA, Los Angeles, CA; Tudor G Jovin, UPMC, Pittsburgh, PA; Raul G Nogueira, Emory Healthcare, Atlanta, GA; DAWN Investigators
Poster Board Number P28 / Presentation Number WP28

Yield of ASPECTS and CTA-Based Selection Criteria for Neurological Thrombectomy in Patients Treated Within 6-24 Hours From Symptom Onset

Balaji Krishnailah, Nilin Goyal, UTHSC Memphis, Memphis, TN; George Tsivgoullis, Attkon Univ General Hosp, Sch of Med, Natl & Kapodistrian Univ of Athens, Athens, Greece; Muhammad Ishaq, Abhi Pandhi, Rashki Krishnan, Reza Bavarsad Shahripour, Lucas Elijoivich, Daniel Hoit, Anne Alexandrov, Adam Arthur, Andrei V Alexandrov, UTHSC Memphis, Memphis, TN

Poster Board Number P29 / Presentation Number WP29

A Propensity-Matched Analysis of Outcomes for Patients With M2 Branch Occlusions at Endovascular Stroke Centers

Renee Ovando, Providence Southern California, Santa Monica, CA; Lindsay Lucas, Elizabeth Baraban, Providence Brain and Spine Inst, Portland, OR; Jason W Tapley, Providence Southern California, Torrance, CA

Poster Board Number P30 / Presentation Number WP30

Does Pretreatment With Intravenous Thrombolytic Prevent Infarct in a New Previously Unaffected Territory (INT) in Emergent Large Vessel Occlusion (ELVO) Patients Treated With Mechanical Thrombectomy (MT)?

Nilin Goyal, Georgios Tsivgoullis, Abhi Pandhi, Rashki Krishnan, Dept of Neurology, Univ of Tennessee Health Science Ctr, Memphis, TN; Konark Malhotra, Dept of Neurology, West Virginia Univ-Charleston Div, Charleston, WV; Muhammad F Ishaq, Dept of Neurology, Univ of Tennessee Health Science Ctr, Memphis, TN; Balaji Krishnailah, Dept of Neurology, Univ of Tennessee Health Science Ctr, Memphis, TN; Christopher Nickele, Dept of Neurosurgery, Univ of Tennessee Health Science Ctr and Semmes-Murphey Clinic, Memphis, TN; Voilia Inoa, Dept of Neurology, Univ of Tennessee Health Science Ctr, Memphis, TN; Daniel Hoit, Dept of Neurosurgery, Univ of Tennessee Health Science Ctr and Semmes-Murphey Clinic, Memphis, TN; Lucas Elijoivich, Dept of Neurology, Univ of Tennessee Health Science Ctr, Memphis, TN; Cole Atkins, Univ of Tennessee Health Science Ctr, Memphis, TN; Alex Alexandrov, Andrei V Alexandrov, Dept of Neurology, Univ of Tennessee Health Science Ctr, Memphis, TN; Adam S Arthur, Dept of Neurosurgery, Univ of Tennessee Health Science Ctr and Semmes-Murphey Clinic, Memphis, TN

Poster Board Number P31 / Presentation Number WP31

A Comparison of Outcomes Associated With Mechanical Thrombectomy in Acute Ischemic Stroke Patients Performed Within and Outside Clinical Trials in the United States

Adnan I Qureshi, Balajinder Singh, Zeenat Qureshi Stroke Inst, Saint Cloud, MN; Wei Huang, Univ of Missouri, Columbia, MO; Ahmed A Malik, Zeenat Qureshi Stroke Inst, Saint Cloud, MN

Poster Board Number P32 / Presentation Number WP32

Mechanical Thrombectomy for Mild Acute Ischemic Stroke with Large Vessel Occlusion: Results from the MISTWAVE Prospective Study

Gabor Toth, Cleveland Clinic Fndn, Cleveland, OH; Edgar Samaniego, Santiago Ortega, Univ of Iowa, Iowa City, IA; Jenny Tsai, Cleveland Clinic Fndn, Cleveland, OH; Sami Al Kasab, Univ of Iowa, Iowa City, IA; Mark Bain, Peter Rasmussen, Mohamed Elgabaly, Shazam Hussain, Cleveland Clinic Fndn, Cleveland, OH

Poster Board Number P33 / Presentation Number WP33

DEFUSE 3 Trial Outcomes not Affected by the Enrollment Rates of the Participating Centers

Michael Mytnash, Maarten G Lansberg, Stephanie Kemp, Soren Christensen, Stanford Univ Medical Ctr, Palo Alto, CA; Jeremy J Heit, Michael P Marks, Stanford Univ Medical Ctr, Stanford, CA; Gregory W Albers, Stanford Univ Medical Ctr, Palo Alto, CA

Poster Board Number P34 / Presentation Number WP34

ASPIRE: Aspiration Thrombectomy as the Primary Modality in Endovascular Stroke Treatment: Pooled Analysis of the 3D Stent-Retriever, ASTER, THERAPY, ASPIRE: Aspiration Thrombectomy as the Primary Modality in Endovascular Poster Board Number P35 / Presentation Number WP35

A Comparison of Transradial versus Transfemoral Access in Anterior Circulation Mechanical Thrombectomy

Stephanie H Chen, Brian Snelling, Samir Sur, Sumedha Shah, David McCarthy, Evan Luther, Dileep Vaygap, Robert M Starke, Eric C Peterson, Univ of Miami, Miami, FL

Poster Board Number P36 / Presentation Number WP36

Thrombus Composition and Success of Thrombectomy in Acute Ischemic Stroke Patients: A Histopathological Analysis


Poster Board Number P37 / Presentation Number WP37

Real-World Applicability of Thrombectomy in Anterior Circulation Large Vessel Occlusion Strokes Treated in the Extended Window: Analysis of the Prospective Trevo Registry

Raul G Nogueira, Diogo Haussen, Emory Univ, Atlanta, GA; Rishi Gupta, Weillsterver HealthCare, Atlanta, GA; Ron Butzick, Riverside Methodist Hosp, Columbus, OH; Blaise Baxter, Erlanger Medical Ctr, Chattanooga, TN; Antonin Krajina, Charles Univ, Kralove, Czech Republic; Joey English, California Pacific Medical Ctr, San Francisco, CA; Ali Malek, Decal Medical Ctr, West Palm Beach, FL; Ryan Shields, Stryker Neurovascula, San Jose, CA; Amrou Saaraj, Univ of Texas Health Science Ctr at Houston, Houston, TX; Yanchang Zhang, Patricia Morgan, Stryker Neurovascular, San Jose, CA; Ana Paula Narata, Univ of Tours, Tours, France; Bruno Bartolini, Lausanne Univ Hosp, Lausanne CHUV, Lausanne, Switzerland; Erol Veznedaroglu, Cooper Univ Health Care, Mercerville, NJ; David Lieskieskind, UCLA Medical Ctr, Los Angeles, CA

Poster Board Number P38 / Presentation Number WP38

High Variability in Neuronal Loss: Time is Brain, Re-quantified

Shashvat Desai, Marcello Rocha, Tudor Jovin, Ashutosh Jadhav, UPMC Stroke Inst, Pittsburgh, PA

Poster Board Number P39 / Presentation Number WP39

Radiographic Classification of ICA Occlusions Predicts Clinical Fluctuation and Post-Stenting Hemorrhage Risk

Christine Hawkes, Shashvat Desai, Ji Son, David Pancywsky, Danoushka Temener, Kavit Shah, Bradley Gross, Brian Jankowt, Tudor Jovin, Ashutosh P Jadhav, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA

Poster Board Number P40 / Presentation Number WP40

Endovascular Therapy 6 to 24 Hours After Stroke With a Mismatch Between Neurological Deficit and Alberta Stroke Program Early CT Score on Diffusion Weighted Imaging in a Real-World Setting

Daisuke Ando, Hiroshi Yamagami, Nall Cerebral and Cardiovascular Ctr, Saita, Japan; Kazutaka Uchida, Hyogo Coll of Med, Nishinomiya, Japan; Manabu Inoue, Kazutaka Sonoda, Kanta Tanaka, Masatsugu Koga, Kazunori Toyoda, Nall Cerebral and Cardiovascular Ctr, Saita, Japan; Takeshi Morimoto, Hyogo Coll of Med, Nishinomiya, Japan; Nobuyuki Sakai, Kobe City Medical Ctr General Hosp, Kobe, Japan; Shinichi Yoshura, Hyogo Coll of Med, Nishinomiya, Japan

Poster Board Number P41 / Presentation Number WP41

The NeV Thrombectomy Device: Initial Clinical Experience

Marc Ribo, Hosp Vall D Hebron, Barcelona, Spain; Juan Macho, Hosp Clinic, Barcelona, Spain; Joaquín Zamorro, Hosp Clinico Univirio Virgin De La Arrixaca, Barcelona, Spain; Paolo Machi, Univ Hosp of Geneva, Geneva, Switzerland; David Hernandez, Alejandro Tomaszelo, Hosp Vall D Hebron, Barcelona, Spain; Jordi Blasco, Hosp Clinic, Barcelona, Spain

Poster Board Number P42 / Presentation Number WP42

Early Dramatic Improvement on the National Institutes of Health Stroke Scale Predicts Favorable Outcome 90 Days After Thrombectomy in the DEFUSE 3 Study

Jeremy J Heit, Michael Mynash, Stephanie Kemp, Maarten G Lansberg, Soren Christiansen, Michael P Marks, Gregory W Albers, Stanford Univ, Stanford, CA

Poster Board Number P43 / Presentation Number WP43

Successful Reperfusion in Patients With Concomitant Bi-territorial Anterior Circulation Strokes is Associated With Favorable Outcome and Decreased Symptomatic Hemorrhage and Mortality

Simon Escalard, Arash Khameneh Bagheri, Jean-Philippe Desilis, Hocine Redjem, Gabriele Ciccio, Stanislav Smadjka, Robert Fahed, Fondation Rothschild, Paris, France; Julien Labreuche, CHRU Lille, Paris, France; Mikaël Mazighi, Raphaël Blanc, Michel Plotin, Fondation Rothschild, Paris, France
Sunil A Sheth, Univ of Texas Health McGovern Sch of Med, Houston, TX; Reza Jahan, UCLA, Los Angeles, CA; Diogo C Haussen, Emory Univ Sch of Med / Grady Memorial Hosp, Atlanta, GA; for the STRATIS Investigators

Poster Board Number P63 / Presentation Number WP63
Computed Tomography Perfusion in Stroke Mimics
James E Siegler, Jon Rosenberg, Daniel Cristiancho, Andrew Olsen, Johannes Pulst-Korenberg, Lindsay Raab, Brett Czuciara, Steven Messé, Hosp of the Univ of Pennsylvania, Philadelphia, PA

Poster Board Number P64 / Presentation Number WP64
The Effect of Leukoaraiosis on Functional Outcome After Thrombectomy
Abdul Ghan Mallikat, Max Mandelbaum, Shweta Sapatni, Ajit Puri, Brian Silver, Richard P Goddeau, Univ of Massachusetts, Worcester, MA; Diogo Haussen, Emory Univ, Atlanta, GA; Majaz moonis, Adalia Jun-O’Connell, Nils Henninger, Univ of Massachusetts, Worcester, MA

Poster Board Number P65 / Presentation Number WP65
Relationships Between Brain Perfusion and Early Recanalization After Intravascular Thrombolyis for Acute Stroke With Large Vessel Occlusion
Jean Claude Baron, Pierre Seners, Guillaume Turc, Stephanie Lion, Jean-Louis Mas, Catherine Oppenheim, INSERM, Paris, France; Predict-Recanal Collaboration

Poster Board Number P66 / Presentation Number WP66
CT and Multiphasic CTA Alone Can Identify Thrombectomy Candidates Beyond 6 Hours

Poster Board Number P67 / Presentation Number WP67
Selecting Stroke Patients for Late Thrombectomy Using non-RAPID Software: A real-world experience
Wenbo Zhao, Fang Jiang, Siie Li, Chuanjie Wu, Chuanhi Li, Jian Chen, Xuanwu Hosp, Capital Medical Univ, Beijing, China; Yuchuan Ding, Wayne State Univ Sch of Med, Detroit, MI; Kumming Ji, Xuanwu Hosp, Capital Medical Univ, Beijing, China

Poster Board Number P68 / Presentation Number WP68
Interpretable Deep Learning-based Characterization of Intracranial Hemorrhage on Head CT
Bernardo Bizzo, Bethrooz Hashemian, Troy McNitt, Michael T Caton, Walter Wiggins, James Hillis, Neil Tenenholz, Felipe Kitamura, MGH & BWH Ctr for Clinical Data Science, Boston, MA; Gilberto Gonzalez, Massachusetts General Hospital, Boston, MA; Mark Michalski, Katherine Andriole, MGH & BWH Ctr for Clinical Data Science, Boston, MA; Stuart R Pomerantz, Massachusetts General Hosp, Boston, MA

Poster Board Number P69 / Presentation Number WP69
Computed Tomography Perfusion Imaging in Evaluation of Patients With Acute Stroke is Not Associated With Increased Risk of Acute Kidney Injury
Kelsey Satkowiak, Joseph Carrera, Andrew Southerland, Univ of Virginia, Charlottesville, VA

Poster Board Number P70 / Presentation Number WP70
Artificial Intelligence Based Detection of Large Vessel Occlusion on Non-Contrast Computed Tomography in Stroke
Manon L Thuloune, Amsterdam UMC, Amsterdam, Netherlands; Elena Ponomareva, Nicolab, Amsterdam, Netherlands; Miks S Koopman, Amsterdam UMC, Amsterdam, Netherlands; Ivo G Jansen, Anna M Boers, Nicolab, Amsterdam, Netherlands; Charles B Majoie, Henk A Marquering, Amsterdam UMC, Amsterdam, Netherlands

Poster Board Number P71 / Presentation Number WP71
Multicenter ALADIN: Automated Large Artery Occlusion Detection in Stroke Imaging Using Artificial Intelligence
Gabriel M Rodrigues, Clara Barreira, Emory Univ, Atlanta, GA; Michael Froehler, Vanderbilt Univ, Nashville, TN; Blaise Baxter, Thomas Devlin, Jaimie Lim, Alhamza R Ali-Bayati, Mehdi Bouslama, Diogo C Haussen, Raul G Nogueira, Emory Univ, Atlanta, GA

Poster Board Number P72 / Presentation Number WP72
Recurrent Cerebral Ischemic Events in Symptomatic Carotid Stenosis are Related to Plaque Inflammation
Vijay K Sharma, Natl Univ of Singapore, Singapore, Singapore; Prakash R Pillai, Hock-Luen Teh, Natl Univ Health System, Singapore, Singapore; Zhengdao Du, Jintao Chen, Lily Y Wong, Natl Univ of Singapore, Singapore, Singapore; Bernard P Chan, Arvind K Sinha, Natl Univ Health System, Singapore, Singapore

Poster Board Number P73 / Presentation Number WP73
Brain Health Predicts Outcome in Patients With Intracerebral Hemorrhage
Vibhav Vagal, Univ of Cincinnati, Cincinnati, OH; Eva Mistry, Vanderbilt Univ Medical Ctr, Nashville, TN; Tyler P Behymer, Russell P Sawyer, Robert J Stanton, Matthew L Fisherly, Charles J Moormaw, Carson Van Sanford, Padmini Sekar, Elishava R Coleman, Daniel Woo, Univ of Cincinnati, Cincinnati, OH

Poster Board Number P74 / Presentation Number WP74
Right Hemispheric Infarcts Have Higher CT Perfusion Penumbra Volume for Given NIH Stroke Scale: Results From BEST Prospective Cohort Study
Eva A Mistry, Vanderbilt Univ Medical Ctr, Nashville, TN; Heidi Sucharew, Cincinnati Children’s Hosp Medical Ctr, Cincinnati, OH; Tapan Mehta, Univ Of Cincinnati, Minneapolis, MN; Niraj Arora, Jackson Memorial Hospital, Miami, FL; Amy Starosciak, Felipe De Los Rios La Rosa, Baptist Health Neuroscience Ctr, Miami, FL; James Siegler Ill, Hosp of the Univ of Pennsylvania, Philadelphia, PA; Nataasha Barnhill, Oregon Health and Science Univ, Portland, OR; Akshikumar Mistry, Vanderbilt Univ Medical Ctr, Nashville, TN; Kishan Patel, Houston Methodist Neurological Inst, Houston, TX; Salman Assad, Amjad Tarboos, Henry Ford Health System, Detroit, MI; Katarina Dayak, Brown Univ, Providence, RI; Jeff Wagner, Blue Sky Neurology, Englewood, TN; Alicia Bennett, Blue Sky Neurology, Englewood, CO; Aurora S Cruz, Enzo Fortune, Robert F James, Univ of Louisville Hosp Stroke Inst, Louisville, KY; Bharathi Jagadeesan, Christopher Streibel, Univ of Minnesota Medical Ctr, Minneapolis, MN; Stewart Weber, Oregon Health & Science Univ, Portland, OR; Rohan Chitalle, Vanderbilt Univ Medical Ctr, Nashville, TN; John Volpi, Houston Methodist Neurological Inst, Houston, TX; Stephan Mayer, Henry Ford Health System, Detroit, MI; Shadi Yagh, Mahesh Jayaraman, Brown Univ, Providence, RI; Pojja Khatri, Daniel Woo, Univ Of Cincinnati, Cincinnati, OH

Poster Board Number P75 / Presentation Number WP75
Ischemic Core Volume Modifies the Association Between ASPECT Score and Clinical Outcome
Amuro Sarraj, UT Health Science Ctr at Houston, Houston, TX; Ammer Hasaan, Univ of Texas - Rio Grande Valley, Harlingen, TX; James Grotta, Clark Sittin, Peng R Chen, Chumnyan Cai, UT Health Science Ctr at Houston, Houston, TX; Gary Catter, Univ of Alabama at Birmingham, Birmingham, AL; Deep Pujara, Bita Islam, Sujan Reddy, Haris Kamal, UT Health Science Ctr at Houston, Houston, TX; Michael Abraham, Univ of Kansas Med Ctr, Kansas City, KS; Louise McCullough, UT Health Science Ctr at Houston, Houston, TX; Maarten Lansberg, Stanford Univ, Stanford, CA; Sean Savitz, UT Health Science Ctr at Houston, Houston, TX; Gregory Albers, Stanford Univ, Stanford, CA; Rishi Gupta, Wellstar Health System, Marietta, GA

Poster Board Number P76 / Presentation Number WP76
Automated Detection of Hyperdense MCA Sign and Automated Notification of Large Vessel Occlusion Using Artificial Intelligence
Charlotte Y Ching, Gabriel M Rodrigues, Diogo C Haussen, Clara M Barreira, Jonathan Grossberg, Michael R Frankel, Raul G Nogueira, Emory Univ, Atlanta, GA

Poster Board Number P77 / Presentation Number WP77
Automated Accurate Determinations of Acute Infarct Core Volumes From CT Angiography Using Machine Learning
Sunil A Sheth, Mehmet E Inam, UHealth McGovern Medical Sch, Houston, TX; Arko Sarraj, Barman, UHealth, Sch of Biomedical Informatics, Houston, TX; Songmi Lee, Sean I Savitz, UHealth McGovern Medical Sch, Houston, TX; Luca Giancardo, UHealth, Sch of Biomedical Informatics, Houston, TX

Poster Board Number P78 / Presentation Number WP78
Deep Learning for Acute Ischemic Stroke on Diffusion MRI: Performance Analysis in a Consecutive Cohort
Bernardo Bizzo, Christopher Bridge, Romane Gauariu, Walter Wiggins, Michael T Caton, James Hillis, Bradley Wright, Neil A Tenenholz, Katherine P Andriole, Mark Michalski, MGH & BWH Ctr for Clinical Data Science, Boston, MA; Gilberto Gonzalez, Massachusetts General Hospital, Boston, MA

Poster Board Number P79 / Presentation Number WP79
Combination of Tmax and Relative CBV Perfusion Parameters More Accurately Predicts CTA Collaterals Than a Single Perfusion Parameter in DEFUSE 3
Michael Mlynash, Maarten G Lansberg, Stephanie Kemp, Soren Christensen, Amarnath Yennu, Stanford Univ Medical Ctr, Palo Alto, CA; Jeremy J Heit, Michael P Marks, Stanford Univ Medical Ctr, Stanford, CA; Gregory W Albers, Stanford Univ Medical Ctr, Palo Alto, CA
Poster Board Number P80 / Presentation Number WP80
Association of Clot Burden Score and Thrombectomy 6 to 24 Hours After Stroke: Analysis of the DAWN Trial
Kunakorn Achaneeyasukki, David S Liebeskind, Univ of California Los Angeles, Los Angeles, CA; Dileep Yavagal, Univ of Miami, Miami, FL; Ashutosh P JadHAV, Univ of Pittsburgh Medical Ctr Stroke Inst, Pittsburgh, PA; Diogo C Haussen, Grady Memorial Hosp and Emory Univ Sch of Med, Atlanta, GA; Ronald F Budzick, OhioHealth Riverside Methodist Hosp, Columbus, OH; Alain Bonafe, Hôpital Gui-de-Chauliac, Montpellier, France; Ricardo A Hanel, Baptist Health, Jacksonville, FL; Marc Ribó, Hosp Vall d’Hebron, Barcelona, Spain; Christophe Cognard, Univ Hosp of Toulouse, Toulouse, France; Cathy Silla, Univ Hosp of Cleveland, Cleveland, OH; Amir E Hassan, VA Boston Healthcare, Boston, MA; Jeffrey Raver, Emory Univ, Atlanta, GA

Poster Board Number P81 / Presentation Number WP81
Initial Experiences With Artificial Neural Networks in Detection of CT Perfusion Deficits
Jan Vargas, MUSC, Charleston, SC

Poster Board Number P82 / Presentation Number WP82
Ghost Infarct Core: Ischemic Oreooverestimation by Admission CT Perfusion on Large Vessel Occlusion Stroke Patients
Gabriel M Rodrigues, Michael Frankel, Diogo C Haussen, Raul G Nogueira, Emory Univ, Atlanta, GA

Poster Board Number P83 / Presentation Number WP83
Stroke Severity and Collaterals are Associated With Infarct Progression During Inter-Facility Transfer for Endovascular Thrombectomy
Sujan Teegala Reddy, Elliott Friedman, Tsu-Ching Wu, Chunyan Cai, Octavio Arevalo, Clark Sitten, Sean Savitz, Univ Of Texas Health Science Ctr at Houston, Houston, TX

Poster Board Number P84 / Presentation Number WP84
Hemispheric White Matter Sparing and Neurological Outcome After Recanalization Treatment in ESCAPE Trial
Ravinder-Jeet Singh, Mohammed Najm, Bijoy K Menon, Andrew M Demchuk, Mayank Goyal, Michael D Hill, Mohammed A Almekhlafi, Univ of Calgary, Calgary, AB, Canada

Poster Board Number P85 / Presentation Number WP85
The Association of White Matter Hypointensity and Outcomes in Minor Stroke and TIA Patients
Yu-Yuan Xu, Li-Xia Zong, Yue-Song Pan, Jing JIng, Yi-Long Wang, Yong-Jun Wang, Beijing Tiantan Hosp, Beijing, China

Poster Board Number P86 / Presentation Number WP86
What Threshold Defines Penumbral Brain Tissue in Patients With Symptomatic Anterior Circulation Intracranial Stenosis: An Exploratory Analysis
Shuai Yeh, Brown Univ, Providence, RI; Puja Khatri, Univ of Cincinnati, Cincinnati, OH; Shyam Prabakharan, Northwestern Univ, Chicago, IL; Sharon Yeatts, Medcal Univ of South Carolina, Charleston, SC; Shawna Cutting, Mahesh Jayaraman, Ryan McTaggart, Andrew Chang, Daniel Sacchetti, Brown Univ, Providence, RI; David Liebeskind, Univ of California at Los Angeles, Los Angeles, CA; Karen Furie, Brown Univ, Providence, RI

Poster Board Number P87 / Presentation Number WP87
Defining Ischemic Core in Acute Ischemic Stroke: A Multparametric Bayesian-Based Model
Kambiz Nael, Icahn Sch of Med Mount Sinai, New York, NY; Nancy Ann Bor, Loyola University Chicago, Chicago, IL; Adam De Havenon, Matthew Alexander, Joseph McVally, Univ of Utah, Salt Lake City, UT

Poster Board Number P88 / Presentation Number WP88
Relationship Between Small Vessel Ischemic White Matter Disease and Collateral Recruitment in Patiens With Acute Embolic Ischemic Stroke
George K Vilanilam, Tara L Becker, Mohammed K Badi, Emily G McCoy, Caitlin E O’ Souza, Anjali Agarwal, Prasanna Vimbhute, David A Miller, Vivek Gupta, Mayo Clinic, Jacksonville, FL

Poster Board Number P89 / Presentation Number WP89
CTP Improves Accuracy, Inter-rater Reliability and Detection Speed Over CTA Alone in UVO Detection
Peter Hinckley, Aida Moeini, Nancy Ann Baylor Little, Chelsea Meyer, Jordan Ruff, Adam De Havenon, Matthew Alexander, Joseph McVally, Univ of Utah, Salt Lake City, UT

Poster Board Number P90 / Presentation Number WP90
Evidence of Acute Ischemic Injury Near Traumatic Vascular Injuyin Patients Following Head Trauma
Allison Griffin, CNRM/HJF, Bethesda, MD; Lisa C Turtzo, Lawrence Latour, NIH/NINDS, Bethesda, MD

Poster Board Number P91 / Presentation Number WP91
Influence of Patient Age on Appearance and Enlargement of DWI Abnormal Lesion After Successful Recanalization by Mechanical Thrombectomy for Acute Ischemic Stroke
Satoshi Takaishi, Yuko Hamada, Kentaro Tatsuno, Takayuki Fukano, Yoshiaki Tokuyama, Noriko Usuki, Tomohide Yoshie, Tatsuro Takada, Yasuyuki Yoshida, Hajime Ono, Toshitomo Ueda, St Marianna Univ Toyoko Hosp, Kawasaki, Japan

Poster Board Number P92 / Presentation Number WP92
Radiologist Inter-rater Reliability of Prehospital Alberta Stroke Program Early CT Scores on a Mobile Stroke Unit

Poster Board Number P93 / Presentation Number WP93
Inter-Operator Heterogeneity in CT/CTP-Guided Patient Selection for Thrombectomy
Pouya Nazari, Pedram Golnari, Sameer A Ansari, Michael C Hurley, Ali Shaibani, Matthew B Rotts, Babak S Jahromi, Northwestern Univ, Chicago, IL

Poster Board Number P94 / Presentation Number WP94
Association of Corneal and Retinal Nerves With Cerebral Small Vessel Disease in Patients With Acute Ischemic Stroke
Adnan Khan, Weill Cornell Med, Doha, Qatar; Saadat Kamran, Inst of Neurosciences, DOHA, Qatar; Naved Akiar, Inst of Neurosciences, Doha, Qatar; Georgios Pnakakis, Ioannis N Petropoulos, Hamad Muhannadi, Hoda Y Gad, Weill Cornell Med, Doha, Qatar, Nagi El Ahmed, Hamad General Hosp, Doha, Qatar; Ashfaq Shuaib, Stroke, Alberta, AB, Canada; Rayaz Malik, Weill Cornell Med, Doha, Qatar

Poster Board Number P95 / Presentation Number WP95
Microct Data Can Distinguish Between in vitro Clot Types of Different Composition
Michel Muster, Anna Siri Luthman, Hosp Univire De Geneve, Geneva, Switzertland; Sean Fitzgerald, Karen Doyle, Curam, Gallway, Ireland; Karl O Lovblad, Hosp Univire De Geneve, Geneva, Switzerland

Poster Board Number P96 / Presentation Number WP96
Axonal Integrity of Normal appearing White Matter Predicts Increased Burden of Leukoaraisis
Mark R Etherton, Ona Wu, Anne-Karin Giese, Natalia Rost, Massachusetts General Hosp, Boston, MA

Poster Board Number P97 / Presentation Number WP97
Partnering With Automated Image Software for Ischemic Core Lesion Volume Processing
Marie Lilly, NINDS, Stroke Branch, Bethesda, MD; Evan S McCreedy, NIH, Bethesda, MD; Richard T Benson, Chandni Kalaria, Medstar Washington Hosp Ctr, Washington, DC; Richard Leigh, John K Lynch, Shahram Majidi, NINDS, Stroke Branch, Bethesda, MD; Zurab Nadareishvili, Johns Hopkins Community Physicians, Bethesda, MD; Travis Taylor, Lawrence L Latour, NINDS, Stroke Branch, Bethesda, MD

Poster Board Number P98 / Presentation Number WP98
FLAIR Hyperintense Vessel on MRI Are Associated With Higher Rates of Reperfusion After Thrombolyis
Apoorv Prasad, Marie Lilly, Dennyx Reyes, Alexis Simpkins, John Lynch, Zurab Nadareishvili, Richard Benson, Chandni Kalaria, Amie Hsia, Lawrence Latour, Richard Leigh, NIH, Bethesda, MD
Poster Board Number P99 / Presentation Number WP99
Validating a Prediction Rule for Identifying Stroke Mimics Evaluated Over Telestroke in a Population of Face-to-Face Acute Stroke Evaluations
Syed F Ali, Julian Duda, Dawn Meyer, Univ California, San Diego, La Jolla, CA; Lee Schwamm, Massachusetts General Hosp, Boston, MA; Brett Meyer, Univ California, San Diego, La Jolla, CA

Poster Board Number P100 / Presentation Number WP100
Temporal Trend in the Rates of sICHR and Serious Hemorrhage After IV Thrombolytic Therapy Among Patients on Dual Antiplatelet Therapy
Syed F Ali, UCSF, La Jolla, CA; Lee Schwamm, Massachusetts General Hosp, Boston, MA; Thomas Hammen, Univ California, San Diego, La Jolla, CA; Christopher Anderson, Massachusetts General Hosp, Boston, MA; Sanjeewa Oteddu, Krishna Nalleballe, Univ of Arkansas for Medical Sciences, Little Rock, AR

Poster Board Number P101 / Presentation Number WP101
Comparative Effects of Thrombolysed Ischemic Patients With Low Platelet Count
Jie Yang, Chengdu Medical Coll, Chengdu, China

Poster Board Number P102 / Presentation Number WP102
Association of Elevated Blood Pressure Levels With Outcomes in Acute Ischemic Stroke Patients Treated With Intravenous Thrombolysis: A Systematic Review and Meta-Analysis
Konark Malhotra, West Virginia Univ-Charleston Div, Charleston, WV; Niaz Ahmed, Karolinska Univ Hosp Solna, Stockholm, Sweden; Angeliki Filippata, Aristides H Katsanos, Natl and Kapodistrian Univ of Athens, Athens, Greece; Nitin Goyal, Univ of Tennessee Health Science Ctr, Memphis, TN; Konstantinos Tsoulis, Efthasios Manios, Natl and Kapodistrian Univ of Athens, Athens, Greece; Maria Piklidou, AHEPA Univ Hosp, Aristotle Univ, Thessaloniki, Greece; Peter D Schellinger, Johannes Wesling Medical Ctr, Ruhr Univ Bochum, Minden, Germany; Anne W Alexandrov, Andrei V Alexandrov, Univ of Tennessee Health Science Ctr, Memphis, TN; Georgios Tsivgoulis, Natl and Kapodistrian Univ of Athens, Athens, Greece

Poster Board Number P103 / Presentation Number WP103
Functional Outcome of Telestroke Patients Treated Under Drip-And-Stay Paradigm versus Drip-And-Ship Paradigm
Jillian Harvey, MUSC, Charleston, SC; Sami Al kasab, Univ of Iowa, Iowa City, IA; Eyad Altalioulu, MUSC, Charleston, SC; Tanru Girotra, Univ of New Mexico, Albuquerque, NM; Nancy Turner, Ellen Debenham, Christine Holmsmedt, MUSC, Charleston, SC

Poster Board Number P104 / Presentation Number WP104
Clinical Characteristics of Stroke Mimics Treated on an Urban Mobile Stroke Unit

Poster Board Number P105 / Presentation Number WP105
Therapeutic Effects of D4F, an ApoA-I Mimetic Peptide, in Aged Mice Subjected to Ischemic Stroke
Ya Shen, Alex Zacharek, Poornima Venkat, Michael Chopp, Fengjie Wang, Julie Landschot-Ward, Quan Jiang, Jieli Chen, Henry Ford Hosp, Detroit, MI

Poster Board Number P106 / Presentation Number WP106
Timing of Tissue-plasminogen-activator-induced Recanalization and Functional Recovery in Acute Ischemic Stroke
Georgios Tsivgoulis, Natl and Kapodistrian Univ of Athens, Athens, Greece; Maher Saqqur, Univ of Alberta, Edmonton, AB, Canada; Vijay K Sharma, Yong Loo Lin Sch of Med, Natl Univ of Singapore, Singapore, Singapore; Alejandro Brunser, Facultad de Medicina Clinica Alemana - Unal del Desarrollo, Santiago, Chile; Jürgen Eggers, Sana Hosp Lübeck, Lübeck, Germany; Robert Mikulik, Masaryk Univ, Brno, Czech Republic; Aristides H Katsanos, Theodore N Sargentanis, Natl and Kapodistrian Univ of Athens, Athens, Greece; Konstantinos Voumvourakis, Democritus Univ of Thrace, Alexandroupolis, Greece; Fabienne Perren, HUG, Univ Hosp and Medical Faculty of Geneva, Geneva, Switzerland; Marta Rubiera, Vall d’Hebron Univ Hosp, Barcelona, Spain; Reza Bavarsad Shahriarpour, Univ of Tennessee Health Sciences Ctr, Memphis, TN; Huy Thang Nguyen, 115 the People Hosp, Ho Chi Minh City, Viet Nam; Patricia Martinez-Sanchez, La Paz Univ Hosp, Autonomous Univ of Madrid, Madrid, Spain; Apostolos Safounis, Natl and Kapodistrian Univ of Athens, Athens, Greece; Ioannis Heilopoulou, Democritus Univ of Thrace, Alexandroupolis, Greece; Ashfaq Shaubai, Carol Derksen, Univ of Alberta, Edmonton, AB, Canada; Konstantinos Voumvourakis, Theodora Psaltopoulou, Natl and Kapodistrian Univ of Athens, Athens, Greece; Anne W Alexandrov, Andrei V Alexandrov, Univ of Tennessee Health Sciences Ctr, Memphis, TN

Poster Board Number P107 / Presentation Number WP107
Early Recurrence of Ischemic Stroke in Alteplase-treated Patients: The ENCHANTED Study

Poster Board Number P108 / Presentation Number WP108
What is Equipoise? Stroke Researchers and IBB Chairs Respond
Brian Dewar, Stephanie Chevrier, Mark Fedyk, Simon Kitto, Rosendo Rodriguez, Michel C Shamy, The Ottawa Hosp / Res Inst, Ottawa, ON, Canada

Poster Board Number P109 / Presentation Number WP109
Early Neurological Decline in Acute Ischemic Stroke Patients Receiving Thrombolyis With Large Vessel Occlusion and Initial Mild Deficits
Vivien H Lee, Ciárán J Powers, Shahid M Nimjee, Patrick Yousuff, Michel Torbe, The Ohio State Univ Wexner Medical Ctr, Columbus, OH

Poster Board Number P110 / Presentation Number WP110
Does Paradoxical Embolism Impart Different Outcomes After IVT Treatment?
Reza Bavarsad Shahriarpour, Univ of Tennessee Health Sciences Ctr, Memphis, TN; Nitin Goyal, Georgios Tsivgoulis, Abhi Pandhi, Savdeep Singh, Univ of Tennessee Health Science Ctr, Memphis, TN; Konark Malhotra, West Virginia Univ-Charleston Div, West Virginia, VA; Tomas Bryndziar, Rena Sukhdeo, Tafal Aboud, Balaji Krishnaiah, Katherine Nearing, Anne W Alexandrov, Andrei V Alexandrov, Univ of Tennessee Health Science Ctr, Memphis, TN

Poster Board Number P111 / Presentation Number WP111
Who Needs Neuroprotection With Endovascular Stroke Therapy? Findings From the Trevo Retriever Registry
David S Liebeskind, Neurovascular Imaging Res Core and UCLA Stroke Ctr, Los Angeles, CA; Yanchang Zhang, Styrker Neurovascular, Fremont, CA; Erol Vezenodo- glu, Drexel Univ, Philadelphia, PA; Joey English, California Pacific Medical Ctr, San Francisco, CA; Blaise W Baxter, Erlanger Health System, Chattanooga, TN; Ronald F. Budziki Jr, OhioHealth, Riverside Methodist Hosp, Columbus, OH; Bruno M Bartolini, GH Pitie Salpetriere, Paris, France; Antonin Krajina, Univ Hosp Hradec Kralove, Hradec Kralove, Czech Republic; Ali Malek, St Mary’s Medical Ctr, West Palm Beach, FL; Amrou Sarraj, Memorial Hermann Hosp, Houston, TX, Raoul G Nogueira, Emory Univ Sch of Med / Grady Memorial Hosp, Atlanta, GA; Rishi Gupta, Wellstar Kennestone Hosp, Marietta, GA; for the Trevo Retriever Registry Investigators

Poster Board Number P112 / Presentation Number WP112
Trends of Hospitalization for Intravascular Thrombolysis and Acute Ischemic Stroke Among Patients With Multiple Sclerosis and United States: A 10 Year National Estimate
Varun Kumar, Mt Sinai St Luke’s Roosevelt Hosp Ctr, New York, NY; Chirag Savani, Tejinder Singh, Xiyan Yi, Univ of South Florida, Tampa, FL; Amberish Pathak, New York Medical Coll, New York, NY; Anjula Chib, Southeast Alabama Medical Ctr, Dothan, AL; Swetha Renati, Univ of South Florida, Tampa, FL
Poster Board Number P113 / Presentation Number WP113
Racial Disparities in Patient Selection for Drip and Ship Thrombolytic Therapy for Acute Ischemic Stroke
Rena D Sukhdeo, Nitin Goyal, Georgios Tsivgoulis, Katherine Nearing, Balaji Krishnasaih, Talal Aboud, Abhi Pandhi, Reza Bavasard Shahrpour, Tomas Bryndzidar, Peter Quintasal, Wendy Dunseby, Victoria Swatzell, Ashley Fornarelli, James P Rhudy, Aman Deep, Saded Ansari, Muhammad Ishaq, Anne W Alexandrov, Andrei V Alexandrov, Univ of Tennessee, Memphis, TN

Poster Board Number P114 / Presentation Number WP114
Incidence and Treatment of Unruptured Brain Aneurysms versus SAH in the United States: Trends and Complications over Two Decades
Pedram Golkari, Pouya Nazari, Sameer A Ansari, Michael C Hurley, Ali Shaihani, Matthew B Potts, Babak S Jahromi, Northwestern Univ, Chicago, IL

Poster Board Number P115 / Presentation Number WP115
Association of HDAC9, TWIST1, and FERD3L Expression With the Risk of Intracranial Aneurysm
Theresa Lansdell, Courtney Fisher, Anne Dorrance, Stacie L Demel, Michigan State Univ, East Lansing, MI

Poster Board Number P116 / Presentation Number WP116
Long-Term Results and Predictors of Outcomes in 585 Consecutive Patients Treated With the Pipeline Embolization Device
Nohra Chalouhi, Nikolaos Mouchtouris, Elias Altalal, Fadi Al-Salegh, Stavropoula Tjoumakaris, Robert Rosenwasser, Pascal Jabbour, Thomas Jefferson Univ, Philadelphia, PA

Poster Board Number P117 / Presentation Number WP117
Quantitative Susceptibility Mapping (QSM) and Vessel Wall Imaging (VWI) MRI Sequences in Identifying Subjects With Intracranial Aneurysms Who Have Microbleeds
Edgar A Samaniego, Daichi Nakagawa, Mario Zanaty, Univ of Iowa, Iowa City, IA; Pascal Jabbour, Thomas Jefferson, Philadelphia, PA; David M Hasan, Univ of Iowa, Iowa City, IA

Poster Board Number P118 / Presentation Number WP118
Roles of Vitamin D Deficiency in the Development of Intracranial Aneurysm Rupture
Tetsuro Kimura, Daisuke Kudo, Takeshi Miyamoto, Hiroki Sato, Taichi Ikeda, Michael Lawton, Tomoki Hashimoto, Barrow Neurological Inst, Phoenix, AZ

Poster Board Number P119 / Presentation Number WP119
Stent-Assisted Coiling of Intracranial Aneurysms With the Neuroform ATLAS Stent: Immediate and Midterm Angiographic and Clinical Follow-Up
Gabriele Ciccio, Thomas Robert, Stanislas Smajda, Robert Fahed, Raphael Blanc, Michel Pirotin, Fondation Rothschild Hosp, Paris, France

Poster Board Number P120 / Presentation Number WP120
Readmission Trends Related to Unruptured Intracranial Aneurysm Treatment
Tapan Mehta, Univ of Minnesota, Minneapolis, MN; Smit Patel, Univ of Connecticut, Hartford, CT; Shailles Male, Andrew Zhang, Adam Khan, Univ of Minnesota, Minneapolis, MN; Priya Narwal, Hartford Hosp, Hartford, CT; Andrew Grande, Ramachandra Tummala, Bharathi Jagadeesan, Univ of Minnesota, Minneapolis, MN

Poster Board Number P121 / Presentation Number WP121
Patient- and Aneurysm-specific Predictors of Intracranial Aneurysm Growth in a Longitudinally-followed Population
Aichi Chien, UCLA, Los Angeles, CA; Rashida Callender, Univ of Texas, Dept of Epidemiology, Houston, TX; Noriko Salamon, Fernando Vinuela, UCLA, Los Angeles, CA; Yuanqing Ye, Michelle Hildebrandt, Univ of Texas, Dept of Epidemiology, Houston, TX

Poster Board Number P122 / Presentation Number WP122
Risk of Intracranial Hemorrhage and National Trends of Delivery Methods of Pregnant Women With Aneurysms or Unruptured Intracranial Aneurysms
Tapan Mehta, Univ of Minnesota, Minneapolis, MN; Devasish Desai, Pushti Khandwala, Bhavnagar Medical Coll, Bhavnagar, India; Smit Patel, Univ of Connecticut, Minneapolis, CT; Shailles Male, Adam Khan, Univ of Minnesota, Minneapolis, MN; Louise McCullough, Univ of Minnesota, Minneapolis, MN; Andrew Grande, Bharathi Jagadeesan, Ramachandra Tummala, Univ of Minnesota, Minneapolis, MN

Poster Board Number P123 / Presentation Number WP123
Hyperhomocysteinemia is an Independent Risk Factors for Intracranial Aneurysms: Aca-se-Control Study in a Chinese Han Population
Qun Wang, Baiman Xu, Chinese PLA General Hosp, Beijing, China

Poster Board Number P124 / Presentation Number WP124
Aarti Kumar, Univ of Pittsburgh, Pittsburgh, PA; Kian Niknamin, Angela Lumba-Brown, Stanford Univ, Palo Alto, CA; Joseph Bledsoe, Michael Woodruff, Intermountain Healthcare, Salt Lake City, UT; Michael Kohn, Stanford Univ, Palo Alto, CA; Jeff Perry, Univ of Ottawa, Ottawa, ON, Canada; Prasanthi Govindarajan, Stanford Univ, Palo Alto, CA

Poster Board Number P125 / Presentation Number WP125
Small Aneurysm Size is a Predisposing Factor for Intraprocedural Rupture During Coil Embolization of Unruptured Intracranial Aneurysms
Keitaro Yamagami, Taketo Hatano, Mitsuhido Ando, Hideo Chihara, Takenori Ogura, Keita Suzuki, Daisuke Kondo, Takahiko Kamata, Shota Saki, Eiji Higashi, Hiroki Sakamoto, Izumi Nagata, Kokura Memorial Hosp, Kitakyushu, Japan

Poster Board Number P126 / Presentation Number WP126
A Predictive Model for Intracranial Aneurysm Growth Trajectory
Aichi Chien, UCLA, Los Angeles, CA; Rashida Callender, Univ of Texas, Dept of Epidemiology, Houston, TX; Noriko Salamon, Fernando Vinuela, UCLA, Los Angeles, CA; Yuanqing Ye, Michelle Hildebrandt, Univ of Texas, Dept of Epidemiology, Houston, TX

Poster Board Number P127 / Presentation Number WP127
Downregulation of Estrogen Receptor Alpha Activates NRPL3 Inflammomase in a Rat Model of Intracranial Aneurysms
Tadashi Yamaguchi, Keiko T Kitazato, Eiji Shikata, Takeshi Miyaomoto, Masaaki Korai, Kenji Shimada, Yoshiteru Tada, Yasuhisa Kanematsu, Yasushi Takagi, Tokushima Univ, Tokushima, Japan

Poster Board Number P128 / Presentation Number WP128
Preoperative Preparation of the Necessity for Anterior Clinoidectomy during Microsurgical Clipping of Posterior Communicating Artery Aneurysms
Tomoya Kamide, Saitama Int Medical, Hidaka, Japan; Jan Karl Burkhartd, Haima Tabani, Univ of California, San Francisco, San Francisco, CA; Michael T Lawton, Barrow Neurological Inst, Phoenix, AZ

Poster Board Number P129 / Presentation Number WP129
Development of Cerebral Aneurysm Clips to Minimize Susceptibility Artifact by Magnetic Resonance Image
Young-Jae Son, Snu Borame Medical Ctr, Seoul, Korea, Republic of; Jeong Eun Kim, Won Sang Cho, Seoul Natl Univ Hosp, Seoul, Korea, Republic of; Kang Min Kim, Young Seob Chung, Snu Borame Medical Ctr, Seoul, Korea, Republic of

Poster Board Number P130 / Presentation Number WP130
Unruptured Intracranial Aneurysm Treatment Score Fails for at Risk Patients Over 58 Years Old
Nazi A Janjua, Asia Pacific Comprehensive Str, Pomona, CA; Yogesh Moradiya, Baptist Medical Ctr, Jacksonville, CA; Karen Tse-Chang, Kimberly Jones, Katrina Woollolk, Debbie Keasler, Adeel Popalzai, Bhupat Desai, Pomona Valley Hosp Medical Ctr, Pomona, CA

Poster Board Number P131 / Presentation Number WP131
Epigallocatechin-3-gallate and cAMP Desensitize Neuronal Cells to Nogo-A by Inducing Endocytosis of Nogo-A Receptor NgR1

Poster Board Number P132 / Presentation Number WP132
Korean Red Ginseng Attenuates Reactive Gliosis and Confers Sustained Neuroprotection against Cerebral Hypoxic-ischemic Damage in an Nr2f2- Dependent Manner
Lei Liu, Mary K Vollmer, Victoria M Fernandez, Univ of Florida, Gainesville, FL; Hochuel Kim, Kyung Hee Univ, Seoul, Korea, Republic of; Sylvain Dore, Univ of Florida, Gainesville, FL

Poster Board Number P133 / Presentation Number WP133
Prevention of the Post-stroke Induction of Endogenous Ipa Mitigates Brain Damage and Facilitates Neurological Recovery
Krishna Kumar Veeravalli, Koteswara Rao Nelamolu, Aditya Mohandass, Ishwarya Venkatesh, Jeffrey D Klogerstenetz, David M Pinson, David Z Wang, Univ of IL Coll of Med, Peoria, IL
Poster Board Number P157 / Presentation Number WP157
Beneficial Effects of Collateral Augmentation by Acetazolamide and Head-Down Tilt in Rat Ischemic Stroke Model
Minho Han, Yonsei Univ Graduate Sch, Dept of Aging Science, Seoul, Korea, Republic of; Il Kwon, Yonsei Univ Coll of Med, Severance Integrative Res Inst for Cerebral & Cardiovascular Diseases, Seoul, Korea, Republic of; Jimin Ha, Yonsei Univ, Brain Korea 21 Plus Project for Medical science, Seoul, Korea, Republic of; Hyun-Jung Choi, Yonsei Univ Coll of Med, Severance Integrative Res Inst for Cerebral & Cardiovascular Diseases, Seoul, Korea, Republic of; Ji Hoo Heo, Hyo Suk Nam, Yonsei Univ Coll of Med, Dept of Neurology, Seoul, Korea, Republic of

Poster Board Number P158 / Presentation Number WP158
Impact of Serum Trimethylamine N-oxide (tmao) Levels on Long-term Outcomes of Acute Stroke Patients
Jimin Ha, Brain Korea 21 PLUS Project for Medical Science, Yonsei Univ, Seoul, Korea, Republic of; Il Kwon, Yonsei Univ Coll of Med, Seoul, Korea, Republic of; Da-jeong Ji, Yonsei Univ Coll of Med, Seoul, Korea, Republic of; Naeun Kim, Yonsei Univ Coll of Med, Seoul, Korea, Republic of; Hyun-Jung Choi, Severance Integrative Res Inst for Cerebral & Cardiovascular Diseases, Seoul, Korea, Republic of; Ji Hoo Heo, Sang-Kuk Lee, Hyo Suk Nam, Yonsei Univ Coll of Med, Seoul, Korea, Republic of

Poster Board Number P159 / Presentation Number WP159
Comparison of Expression Profile Between the Cortex From Ischemic Stroke and the Heart From Myocardial Infarction Reveals Common or Specific Circulating RNAs Involved in Two Ischemic Disease Models
Juhyun Song, Young-Kook Kim, Chonnam Natl Univ Medical Sch, Jeollanam-do, Korea, Republic of

Poster Board Number P160 / Presentation Number WP160
The Effect of Type II Diabetes on Neural Differentiation and the Transcriptome Landscape of the Neurogenic Zones Following Ischemic Stroke
Glatianne Rabiller, Atsushi Kanoke, Shunsuke Omodaka, Jialing Liu, Dept of Neurological Surgery, UCSF and San Francisco VA medical Ctr, San Francisco, CA

Cerebral Large Artery Disease Posters I

Poster Board Number P161 / Presentation Number WP161
Computational Fluid Dynamics Using SAMMPRIS CT Angiography Quantifies Pre-Atherogenic Stress Linked With Post-Stenotic Flow Vortices
David S Liebeskind, Daniel Wefers, Tristan Honda, Fabien Scalzo, Neurovascular Imaging Res Core and UCLA Stroke Ctr, Los Angeles, CA; George A Cotsonis, Emory Univ, Atlanta, GA; Harry J Clifton, Mayo Clinic, Rochester, MN; Osamu O Zaidat, Mercy St Vincent Medical Ctr, Toledo, OH; David J Fiorella, Stony Brook Univ Medical Ctr, Stony Brook, NY; Colin P Derdeyn, Univ of Iowa, Iowa City, IA; Marc I Chimowitz, Medical Univ of South Carolina, Charleston, SC; Edward Feldmann, Univ of Massachusetts-Baystate Health, Springfield, MA; Naoki Kaneko, Jason D Hinman, Neurovascular Imaging Res Core and UCLA Stroke Ctr, Los Angeles, CA; for the SAMMPRIS Investigators

Poster Board Number P162 / Presentation Number WP162
Automatic Detection of Middle Cerebral Artery Plaque on T2-weighted Vessel Wall Imaging
Yannan Yu, Irma Ravkic, UCLA, Los Angeles, CA; Wei-Hai Xu, Ming-Li Li, Peking Union Medical Coll, Beijing, China; David Liebeskind, Fabien Scalzo, UCLA, Los Angeles, CA

Poster Board Number P163 / Presentation Number WP163
From Static Imaging to Hemodynamic Modelling: Automated Nascet Grading Using Computational Fluid Dynamics
Leonard L Yeo, Natl Univ Hosp, Singapore, Singapore; Tian Ming Tu, Natl Neurological Inst, Singapore, Singapore; Sethu Raman Boopathy, Milad Mohammadzadeh, Sadaf Monajemi, See-Mode Technologies, Singapore, Singapore; Fabien Scalzo, UCLA, Los Angeles, CA

Poster Board Number P164 / Presentation Number WP164
Validation of Noninvasive Methods of Intracranial Stenosis Measurement Against Conventional Angiography
Matthew David Alexander, Adam De Havenon, J Scott McNally, Univ of Utah, Salt Lake City, UT

Poster Board Number P165 / Presentation Number WP165
Contrast Enhanced MR Angiography Overestimates Carotid Stenosis Compared With Time-of-Flight MR Angiography and Digital Subtraction Angiography
Yong Bum Kim, Kangbuk Samsung Hosp, Seoul, Korea, Republic of

Poster Board Number P166 / Presentation Number WP166
The Correlation of Proximal Complex Aortic Plaque and Possible Symptomatic Cervicocephalic Atherosclerotic Stenosis
Xin Ma, Ji Dong, Dept of Neurology, Xuan Wu Hosp, Capital Medical Univ, Clinical Ctr for Cardio-cerebrovascular Disease, Capital Medical Univ, Beijing, China; Chen Wang, Dept of Radiology, Xuan Wu Hosp, Capital Medical Univ, Beijing, China; Sufang Xue, Dept of Neurology, Xuan Wu Hosp, Capital Medical Univ, Clinical Ctr for Cardio-cerebrovascular Disease, Capital Medical Univ, Beijing, China; Yuren Zhang, Dept of Biostatistics, Yale Univ Sch of Public Health, New Haven, CT; Xiangying Du, Dept of Radiology, Xuan Wu Hosp, Capital Medical Univ, Beijing, China

Poster Board Number P167 / Presentation Number WP167
Is There a Distinct Phenotype for Non-Asian Moyamoya Patients?

Poster Board Number P168 / Presentation Number WP168
Cerebrovascular Reactivity Predicts Surgical Decisions in Moyamoya Patients
Peijing Liu, Johns Hopkins Univ Sch of Med, Baltimore, MD; Babu C Welch, Binu P Thomas, Univ of Texas Southwestern Medical Ctr, Dallas, TX; Young Li, Johns Hopkins Univ Sch of Med, Baltimore, MD; Marco C Pinho, Univ of Texas Southwestern Medical Ctr, Dallas, TX; Judy Huang, Hanzhang Lu, Johns Hopkins Univ Sch of Med, Baltimore, MD

Poster Board Number P169 / Presentation Number WP169
Coated-platelets and Tumor Necrosis Factor Alpha Predict TIA/stroke at Twenty-one Months in Asymptomatic Carotid Stenosis
Angela Kirkpatrick, Colin Prodan, OU Health Sciences Ctr, Oklahoma City, OK; Andrea Vincent, Univ of Oklahoma, Norman, OK; Mohammad Khatib, Mohammad Ahr, Sardar Ijaz, Muhammad Bajwa, George Dale, OU Health Sciences Ctr, Oklahoma City, OK

Poster Board Number P170 / Presentation Number WP170
Selective Surgical Treatment for Internal Carotid Artery Near Occlusion
Takaya Yosuda, Yoshitaka Kurokawa, Masaki Chini, Sen Yamagata, Kurashiki Central Hosp, Okayama, Japan

Poster Board Number P171 / Presentation Number WP171
Histodynamic Compromise Identified by Oxygen Extraction Fraction Response (OEFR) to Acetazolamide in Stroke Patients With Large Vessel Occlusion
Edwin M Nemoto, Univ of New Mexico, Albuquerque, NM; Hiroto Kuwabara, Johns Hopkins Univ, Baltimore, MD; Howard Yonas, Univ of New Mexico, Albuquerque, NM

Poster Board Number P172 / Presentation Number WP172
Using a Novel and Noninvasive Cerebral Augmentation Index as Evaluated by External Counterpulsation to Predict Long-term Clinical Outcome After Acute Ischemic Stroke
Li Xiong, Qi-yan Soo, Ka Sing Wong, Wai-hong Leung, Chinese Univ of Hong Kong, Hong Kong, Hong Kong

Poster Board Number P173 / Presentation Number WP173
Characteristics and Prognostic Factors for the Imaging Outcomes in Cervicocerebral Artery Dissection
Juul M Min-Gyeong Kim, Da-Eun Jeong, Yeungnam Univ Medical Ctr, Daegu, Korea, Republic of

Poster Board Number P174 / Presentation Number WP174
Frequency, Predictors, and Outcomes of Pre-Intervention Thrombus Migration in Patients With Acute Ischemic Stroke Due to Large Vessel Occlusion
Kee Ook Lee, Konyang Univ Coll of Med, Daejeon-city, Korea, Republic of; David Liebeskind, Reza Jahan, Sidney Starkman, Latisha Sharma, Bryan Yoo, Johanna Avejar, Neal Rao, Jason Hinman, Gary Duckwiler, May Nour, Viktor Szered, Satoshi Tateshima, Geoffrey Colby, Mersedeh Bahr Hosseini, Radoslav Raychev, Doojin Kim, Paul M Vespas, Manuel M Suirrago Blanco, Jeffrey L Saver, David Geffen Sch of Med at the Univ of California-Los Angeles (UCLA), Los Angeles, CA; for the UCLA Reperfusion Therapy Investigators

Poster Board Number P175 / Presentation Number WP175
The Significance of Perfusion Computed Tomography in the Prediction of Hyperperfusion After Carotid Endarterectomy
Takumi Morita, Ryota Ishibashi, Hiroyuki Yamamoto, Tomoko Hayashi, Yuki Fujimoto, Kensuke Takada, Masaki Ujihara, Minami Uesato, Hokuto Yamashita, Masanori Kinosada, Yoshitaka Kurokawa, Akira Hanada, Masaki Chini, Sen Yamagata, Kurashiki Central Hospital, Kurashiki City, Japan
Poster Board Number P213 / Presentation Number WP213
Age-specific Black-white Differences in 30-day Post-Stroke Fatality in the National Regards Study
Virginia J Howard, Univ of Alabama-Birmingham, Birmingham, AL; Karen C Albright, Upstate Medical Univ, Syracuse, NY; Stephanie A McNeel, Soo Y Kwon, Univ of Alabama-Birmingham, Birmingham, AL; Judith H Lichtman, Yale Univ, New Haven, CT; Dawn O Kleindorfer, Brett M Kissela, Univ of Cincinnati Coll of Med, Cincinnati, OH; J David Rhodes, Univ of Alabama-Birmingham, Birmingham, AL; Monika M Safford, Weill Cornell Med, New York, NY; George Howard, Univ of Alabama-Birmingham, Birmingham, AL

Poster Board Number P214 / Presentation Number WP214
Differential Impact of Stroke Risk Factors Across the Age Spectrum: The Reasons for Geographic and Racial Differences in Stroke (REGARDS) Study
George Howard, Univ of Alabama at Birmingham, Birmingham, AL; Mary Cushman, Univ of Vermont, Burlington, VT; Maciej Banach, Univ of Lodz, Lodz, Poland; Bret M Kissela, Dawn O Kleindorfer, Univ of Cincinnati, Cincinnati, OH; Elsayed Z Sollman, Wake Forest Univ, Winston Salem, NC; Suzanne E Judd, Leann Long, Virginia J Howard, Univ of Alabama at Birmingham, Birmingham, AL

Poster Board Number P215 / Presentation Number WP215
Stroke Knowledge Over Time among Multi-ethnic Stroke Survivors in New York City
Benjamin Schram, Eric T Roberts, Nona Appleton, Nina S Parikh, Emily Goldmann, Bernadette Boden-Albala, New York Univ, New York, NY

Poster Board Number P216 / Presentation Number WP216
Epileptogenesis-Wide Association Study of Cerebral White Matter Hyperintensities
Myriam Fornage, Univ Texas Health Science Ctr, Houston, TX; Hee-B J Adams, Erasmus Medical Ctr, Rotterdam, Netherlands; Joshua C Bis, Univ of Washington, Seattle, WA; Ian J Deary, Univ of Edinburgh, Edinburgh, United Kingdom; Lenore Launer, Natl Inst on Aging, Baltimore, MD; Jennifer A Smith, Univ of Michigan, Ann Arbor, MI; Alexander Teumer, DZHK (German Ctr for Cardiovascular Res), Greifswald, Germany; Sudha Seshadri, Univ of Texas Health Sciences Ctr, San Antonio, San Antonio, TX; NeuroCHARGE

Poster Board Number P217 / Presentation Number WP217
Light Alcohol Increment May Have Protective Effect on Cardiovascular Disease Occurrence Among Nondrinkers
Jun-Young Chang, Asan Medical Ctr, Seoul, Korea, Republic of; Seulgie Choi, Seoul Natl Univ College of Med, Seoul, Korea, Republic of; Se Yong Jung, Jang, Song Min Park, Seoul Natl Univ Coll of Med, Seoul, Korea, Republic of

Poster Board Number P218 / Presentation Number WP218
Obesity, Burden of Cerebral Small Vessel Disease and Outcomes After Lacunar Stroke: The Secondary Prevention of Small Subcortical Strokes (SPS3) Trial
Ghadeer Al Momem, Alejandra Gomez, Stephanie Gosselin-Lefebvre, Asaf Honig Asaf, Oscar Benavente, Thalia Field, UBC, Vancouver, BC, Canada; SPS3 investigators

Poster Board Number P219 / Presentation Number WP219
Risk of Ischemic Stroke in Veterans With TBI and PTSD: VA Retrospective Study
Shamik Shah, Univ of Kansas Medical Ctr, Kansas City, KS; Olurinde Oni, Hemant Thakur, Salwa Maalouf, Ram Sharma, Mukut Sharma, Kansas City VA Medical Ctr, Kansas City, MO; Mary Gehlert, VA Eastern Kansas Healthcare System, Topeka, KS; Vikas Singh, Kansas City VA Medical Ctr, Kansas City, MO

Poster Board Number P220 / Presentation Number WP220
Developing a Telestroke State Mapping Tool to Improve Stroke Outcomes in Rural Populations
Diane G Hillman, Marcus C Divers, Timothy L McMurry, Nina J Solenski, Univ Virginia Rural Populations

Poster Board Number P221 / Presentation Number WP221
Relation Between Blood Pressure and Stroke Mortality in the United States Veteran Population
Hugo J Aparicio, Boston Univ Sch of Med, Boston, MA; Laura M Tarko, Massachusetts Veterans Epidemiology Res and Information Ctr (MAVERIC), Boston, MA; David R Gagnon, Boston Univ Sch of Public Health, Boston, MA; Lauren Costa, Yuk-Lam Ho, Massachusetts Veterans Epidemiology Res and Information Ctr (MAVERIC), Boston, MA; Serkalem Demissie, Boston Univ Sch of Public Health, Boston, MA; Luc Djousse, Kelly Cho, Brigham and Women's Hosp, Boston, MA; Sudha Seshadri, Glenn Biggs Inst for Alzheimer's & Neurodegenerative Diseases, San Antonio, TX; Peter W Wilson, Emory Univ Sch of Med, Atlanta, GA

Poster Board Number P222 / Presentation Number WP222
Relationship between Lambi's Excrescences and Embolic Strokes of Undetermined Source

Poster Board Number P223 / Presentation Number WP223
Ischemic and Hemorrhagic Stroke in Native Americans
Zachary A King, Rachel Beekman, Stacy Y Chu, Audrey C Leasure, Hailey A Ogrgrass, Emily Gilmore, Lauren H Sansing, Charles C Matouk, Kevin N Sheth, Guido J Falcone, Yale Univ, New Haven, CT

Poster Board Number P224 / Presentation Number WP224
Decline of Carotid Endarterectomy and Stenting From 2009 to 2013 Among US Elderly With Ischemic Stroke
Shumer Man, Jesse Schold, Ken Uchio, Cleveland Clinic, Cleveland, OH

Poster Board Number P225 / Presentation Number WP225
Exploring the Relationship between Sleep Duration and Stroke Severity in Mild/moderate Stroke and TIA patients: Evidence from the Discharge Educational Strategies for Reduction of Vascular Events (DESCERVE) Study
Nilooofar Fouladiz Nashta, Christopher Park, Eric T Roberts, Emily Goldmann, Nina S Parikh, Nona Appleton, Bernadette Boden-Albala, New York Univ, New York, NY

Poster Board Number P226 / Presentation Number WP226
Predictors of Delayed Hospital Arrival After Onset of Stroke Symptoms in Black and Hispanic Stroke Survivors

Poster Board Number P227 / Presentation Number WP227
White Matter Hyperintensities and Recurrent Stroke Risk in Stroke Patients With Small-Vessel Disease Burden
Jongho Park, Hanyang Univ Myongji Hosp, Goyang, Korea, Republic of; Sung Hyuk Heo, Kyung Hee Univ Hosp, Seoul, Korea, Republic of; Min Hwan Lee, Myongji St Mary's Hosp, Seoul, Korea, Republic of; Hyuk Sung Kwon, Hanyang Univ Coll of Med, Seoul, Korea, Republic of; Sun U Kwon, Ji Sung Lee, Asan Medical Ctr, Univ of Ulsan Coll of Med, Seoul, Korea, Republic of

Poster Board Number P228 / Presentation Number WP228
Seasonal Variation of Stroke Subtypes Incidence in Population-based Study in Shiga Prefecture, Japan
Takako Fujii, Shiga Univ of Medical Science, Ootsu, Japan; Hisatomi Arima, Fukokuza Univ, Fukoka, Japan; Naoyuki Takashima, Shiga Univ of Medical Science, Otsu, Japan; Yoshikuni Kita, Tsuruga Nursing Univ, Tsuruga, Japan; Naomi Miyamatsu, Sakicho Tanaka, Katsuyuki Miura, Kuzuhiko Norzaki, Shiga Univ of Medical Science, Ootsu, Japan

Poster Board Number P229 / Presentation Number WP229
Healthy Eating and Lifestyle After Stroke (HEALS): A Pilot Trial of a Lifestyle Intervention for Stroke Survivors in the Safety-Net
Amybi Towsfigh, Univ of Southern California, Los Angeles, CA; Valerie A Hill, Univ of Cincinnati, Cincinnati, OH; Natalie P Valle, St Jude, Fullerton, CA; Eric M Cheng, Univ of California Los Angeles, Los Angeles, CA; Brian Mittman, Kaiser Permanente, Los Angeles, CA; Monica Ayala-Rivera, Rancho Los Amigos, Downey, CA; Frances Barry, Univ of California Los Angeles, Los Angeles, CA; Lilian Moreoni, Heidi Dombish, Annaliese Espinoza, Debbie Wang, Dina Ochra, Rancho Los Amigos, Downey, CA; Barbara Vickrey, Icahn Sch of Med at Mount Sinai, New York, NY

Poster Board Number P230 / Presentation Number WP230
Regional Variations in In-hospital Mortality Among Patients Treated With Mechanical Thrombectomy in the United States
Tarun Ghinotra, Univ of New Mexico, Albuquerque, NM; Alain Lekkoubou, Kifne Bishu, Medical Univ of South Carolina, Charleston, SC; Bruce Ogbuliege, Univ of California, San Francisco, San Francisco, CA

Poster Board Number P231 / Presentation Number WP231
High Serum Homocysteine is a Risk of Future Stroke in Neurologically Normal Japanese Cohort
Shingo Mitaki, Hiroaki Oguro, Atsushi Nagai, Shuhei Yamaguchi, Shimane Univ, Izumo, Japan
Poster Board Number P250 / Presentation Number WP250
Trends in Outcomes Associated With Thrombectomy Treatment Among Acute Ischemic Stroke Patients: Retrospective Analysis of 2011-2017 Premier Hospital Database
Rahul Khanna, Johnson & Johnson, New Brunswick, NJ; Ansaar Rai, West Virginia Univ, Morgantown, WV; Concetta Crivera, Iftikhar Kalieskar, Rashmi Kumari, Nataly Patino, Farid Chekani, Johnson & Johnson, New Brunswick, NJ
Poster Board Number P251 / Presentation Number WP251
A Mendelian Randomization Study of Alcohol Intake and Ischemic Stroke in a Han Chinese Population
Yonghong Zhang, Soochow Univ, Suzhou, China; Mengyao Shi, Changwei Li, Tulane Univ, New Orleans, LA; Ali Wang, Tan Xu, Soochow Univ, Suzhou, China; Xiao Sun, Tulane Univ, New Orleans, LA; Xiaoqing Bu, Soochow Univ, Suzhou, China; Jing Chen, Tanika Kelly, Jiang He, Tulane Univ, New Orleans, LA
Poster Board Number P252 / Presentation Number WP252
A Mendelian Randomization Study of Plasma Homocysteine and Ischemic Stroke in a Han Chinese Population
Tanika Kelly, Tulane Univ, New Orleans, LA; Yonghong Zhang, Soochow Univ, Suzhou, China; Changwei Li, Tulane Univ, New Orleans, LA; Ali Wang, Tan Xu, Soochow Univ, Suzhou, China; Xiao Sun, Soochow Univ, Suzhou, China; Jing Chen, Jiang He, Tulane Univ, New Orleans, LA
Poster Board Number P253 / Presentation Number WP253
Cystatin C and the Risk of Cardiomyopathic Stroke in Patients Without Chronic Kidney Disease
Eung-joon Lee, Han-yeong Jeong, Heejung Mo, Chan-hyun Lee, Min Kyoung Kang, Tae Jung Kim, Sang-bae Ko, Byung-woo Yoon, Seoul Natl Univ Hosp, Seoul, Korea, Republic of

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Diagnosis of Stroke Etiology Posters I
WP254 – WP281
Poster Board Number P254 / Presentation Number WP254
Predictors of Atrial Fibrillation Detection by Mobile Cardiac Output Telemetry After Hospital Discharge for Acute Ischemic Stroke
Richa Sharma, Danita Sanborn, Scott Silverman, Lee Schwamm, Massachusetts General Hosp, Boston, MA

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Poster Board Number P255 / Presentation Number WP255
The Role of Echocardiography and ECG in Stroke Patients
Katrin Wassen, Mark Weber-Krüger, Falko Jürries, Jan Liman, Univ Med Göttingen, Göttingen, Germany; Gerhard F Hamann, Bezirkskrankenhaus Günstburg, Günzburg, Germany; Pawel Kermer, Nordwest-Krankenhaus Sanderbusch, Sande, Germany; Joachim Seegers, Univ Hosp Regensburg, Regensburg, Germany; Meinhard Mende, Inst for Medical Informatics, Statistics and Epidemiology, Leipzig, Germany; Klaus Gröschel, Univ Med Mainz, Mainz, Germany; Rolf Wachter, Univ Hosp Leipzig, Leipzig, Germany

Poster Board Number P256 / Presentation Number WP256
Administration of Cilostazol Clarifies the Burden of Stroke in Patients With Non-Cardioembolic Stroke
Junya Aoki, Kazumi Kimura, Nippon Medical Sch, Tokyo, Japan; Koji Abe, Okayama Univ Medical Sch, Okyama, Japan; Masaaki Uno, Kawasaki Medical Sch, Kurashiki, Japan; Yasushi Okada, Natl Hosp Organization Kyushu Medical Ctr, Fukuoka, Japan; Taka Urahe, Juntendo Univ Urayasu Hosp, Urayasu, Japan; Shigeru Fujimoto, Steel Memorial Yawata Hosp, Kitakyushu, Japan; Hideki Matsuoka, NHK Kagoshima Medical Ctr, Kagoshima, Japan; Sen Yamagata, Kurashiki Central Hosp, Kurashiki, Japan; Hiroshi Yamagami, Kobe City Medical Ctr General Hosp, Kobe, Japan; Yasumasa Yamamoto, Kyôto Second Red Cross Hosp, Kyoto, Japan; Toshio Yonehara, Saiseikai Kumamoto Hosp, Kumamoto, Japan; Takeshi Inoue, Kawasaki Medical Sch, Kurashiki, Japan; the ADS group

Poster Board Number P257 / Presentation Number WP257
Occurrence and Imaging Patterns of Recurrent Strokes in a Cohort of Cryptogenic Stroke Patients on Long Term Cardiac Monitoring
Pramod Sethi, GNA, Greensboro, NC; Sharon Biby, Cone Health Stroke Ctr, Greensboro, NC; Jindong Xu, GNA, Greensboro, NC

Poster Board Number P258 / Presentation Number WP258
Is It Time to Stop Playing Hide-And-Seek With Atrial Fibrillation After Endovascular Treatment?
Pedro Cardona, Helena Quesada, Blanca Lara, Roger Barranco, Lucia Aja, Oscar Chirife, Andres Paipa, Paloma Mora, Sonia Aixut, Paloma Mora, Hosp Univir De Bellvitge, Barcelona, Spain; Ana Marià Escrig, Parc Sanitari Sant Joan De Deu, Sant Boi, Spain

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Poster Board Number P259 / Presentation Number WP259
Transcranial Echocardiographic Changes in Cryptogenic Stroke Patients with Patent Foramen Ovale
Hui Zhang, Fei Wu, Chun Yu, Haiyan Tang, Wenjie Cao, Dept of Neurology and Inst of Neurology, Huashan Hosp, Fudan Univ, Shanghai, China; Qiang Dong, Dept of Neurology and Inst of Neurology, Huashan Hosp, Fudan Univ, Shanghai, China; State Key Lab of Medical Neurobiology, Fudan Univ, Shanghai, China

Poster Board Number P260 / Presentation Number WP260
Evaluation of Transcranial Doppler as a Screening Tool for High Embolic Risk Patent Foramen Ovale in Cryptogenic Stroke
Seongho Park, Jin Kyung Oh, Jae-Kwan Song, Bongseong Kwon, Jongs Kim, Dong-Wha Kang, Univ of Ulsan Coll of Med, Seoul, Korea, Republic of; Ji-Sung Lee, Clinical Res Ctr, Seoul, Korea, Republic of; Sun U Kwon, Univ of Ulsan Coll of Med, Seoul, Korea, Republic of

Poster Board Number P261 / Presentation Number WP261
Role of Transcranial Doppler in a New Era of Patent Foramen Ovale Closure
Edgar Olivas, Patrick Lyden, Shilee Song, Oana Dumitrascu, Robert Jackson, Brenda Rinsky, Danielle Seth-Hunter, Michael Cavallaro, Konrad Schlick, Cedars-Sinai Medical Ctr, Los Angeles, CA

Poster Board Number P262 / Presentation Number WP262
The Migraine–PFO–Stroke Triangle: Observations From the National Inpatient Sample
Karan Todiwalla, Smit Patel, Karan Tarasaria, Subhendu Rath, Univ of Connecticut, Farmington, CT; Mushabaz Pervez, Hartford Hosp, Hartford, CT

Poster Board Number P263 / Presentation Number WP263
Wall Motion Abnormalities on Transthoracic Echocardiography in the Setting of Ischemic Stroke Reflect Underlying Cardiac Disease and May Warrant an Ischemic Cardiac Evaluation
Shadi Yaghi, Andrew Chang, Brittany Ricci, Brian Mac Grory, Shawna Cutting, Tina Burton, Katarina Okaj, Ryan McTaggart, Mahesh Jayaraman, Ashley Schomere, Brown Univ, Providence, RI; Alexander Merkl, Cornell Univ, New York, NY; Michael Reznik, Brown Univ, Providence, RI; Michael Larrato, Ajay Gupta, Cornell Univ, New York, NY; Christopher Song, Brown Univ, Providence, RI; Hooman Kamel, Cornell Univ, New York, NY; Mitchell Elkind, Columbia University, New York, NY; Karen Furie, Brown Univ, Providence, RI

Poster Board Number P264 / Presentation Number WP264
Relationship between Left Atrial Volume and Ischemic Stroke Subtype
Hooman Kamel, Peter M Okin, Richard B Devereux, Jonathan W Weinsaft, Weill Cornell Med, New York, NY

Poster Board Number P265 / Presentation Number WP265
Racial Differences in Left Atrial Size Among Patients With Ischemic Stroke
Hooman Kamel, Weill Cornell Med, New York, NY; Kathleen Alwell, Brett Kissela, Charles J Moomaw, Univ of Cincinnati, Cincinnati, OH; Heidi G Sucharew, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Daniel Woo, Matthew Flaherty, Simona Feriali, Stacie Demel, Kyl Walsh, Univ of Cincinnati, Cincinnati, OH; Jason Mackey, Indiana Univ, Indianapolis, IN; Felipe De Los Rios La Rosa, Univ of Cincinnati, Cincinnati, OH; Adam Jasne, Yale Univ, New Haven, CT; Sabreena Slavin, Univ of Kansas, Kansas City, KS; Sharyl Martini, Michael E DeBakey VA Medical Ctr, Houston, TX; Opeolu Adeoye, Univ of Cincinnati, Cincinnati, OH; Ehsayed Z Soomal, Wake Forest, Winston-Salem, NC; Emily Levitan, Univ of Alabama Birmingham, Birmingham, AL; Tehnijat Baig, Weill Cornell Med, New York, NY; Dawn O Kleindorfer, Univ of Cincinnati, Cincinnati, OH

Poster Board Number P266 / Presentation Number WP266
Association between Left Ventricular Ejection Fraction, Wall Motion Abnormalities and Embolic Strokes of Undetermined Source

Poster Board Number P267 / Presentation Number WP267
Lower Left Ventricular Longitudinal Contraction is Associated With Early-onset Cryptogenic Ischemic Stroke
Jani R Pirinen, Helsinki Univ Hosp, Helsinki, Finland; Vesa Järvinen, Hyvinkää Regional Hosp, Hyvinkää, Finland; Nicolas Martinez-Majander, Juha Sinisalo, Jukka Putaala, Helsinki Univ Hosp, Helsinki, Finland
Poster Board Number P268 / Presentation Number WP268
Association of Serum Troponin Obtained During Stroke Codes With Cardioembolic Stroke
Taha Nasir, Stephen Kamin, Rutgers New Jersey Medical Sch, Newark, NJ

Poster Board Number P269 / Presentation Number WP269
Direct Oral Anticoagulant “Pseudo-Failure” vs “True Failure” to Prevent Ischemic Stroke in Nonvalvular Atrial Fibrillation
Abdulrahman Bellagzy, Providence Spokane Neuroscience Inst, Spokane, WA; Xijian Yi, Jane Y Chang, Nicholas C Hilker, David Z Rose, Univ of South Florida Morsani Coll of Med, Tampa, FL

Poster Board Number P270 / Presentation Number WP270
Can Left Atrial Volume Index Be Used to Identify Patients With Asymptomatic Atrial Fibrillation After Acute Ischemic Stroke or Transient Ischemic Attack?
Quang D Vu, Benjamin N Listle, Tamara T Barghouthi, Amy K Guzik, Laura E Bishop, Nada N El Husseini, Charles H Tegeler, Patrick S Reynolds, Cheryl D Bushnell, Wake Forest Baptist Medical Ctr, Winston Salem, NC

Poster Board Number P271 / Presentation Number WP271
A Comparison of Bedside Echocardiography with Point of Care Ultrasound to Standard Transesophageal Echocardiography in the Setting of Acute Stroke and TIA
Christian Bacher, Norman Ajiboye, Rodney Bell, Diana Tzeng, Fred Rincon, Anish Koka, Thomas Jefferson Univ Hosp, Philadelphia, PA

Poster Board Number P272 / Presentation Number WP272
Left Atrial Enlargement Is Associated With Neuroworsening and Worse Short-Term Outcomes in Acute Ischemic Stroke
Alyana A Samai, West Jefferson Medical Ctr, Marrero, LA; Karen Albright, Upstate Medical Univ, Syracuse, LA; Digiyaiva Navalkele, Carmel Alemayehu, Sheryl Martin-Schuld, Dr Brain Inc, Metairie, LA

Poster Board Number P273 / Presentation Number WP273
Transesophageal and Transthoracic Echocardiography for Detecting Risk and Prognostic Factors in Embolic Stroke of Undetermined Source
Yohei Tateishi, Tadashi Kamamoto, Kenjiro Nakaoka, Kaori Fujishima, Hiroko Kitanoisono, Tomoishi Shima, Rie Uta, Atsushi Nagaoka, Shunsuke Yoshimura, Teitiro Miyazaki, Hirokazu Shiraishi, Yoichi Morofuji, Nobutaka Horie, Tsuyoshi Izumo, Akira Tsujino, Nagasaki Univ Hosp, Nagasaki, Japan

Poster Board Number P274 / Presentation Number WP274
Comparison of Point of Care Ultrasound to Standard Transesophageal Echocardiography for Acute Stroke and TIA
N Ajibo, Jefferson, Philadelphia, PA

Poster Board Number P276 / Presentation Number WP276
Predictors of Cardio-embolic Stroke in Therapeutically Anticoagulated Patients With Atrial Fibrillation
Ayman Al-Salameh, Bruce Bradley, Vedant A Gupta, Deborah Taylor, Michael Dobbs, Larry B Goldstein, Univ of Kentucky, Lexington, KY

Poster Board Number P277 / Presentation Number WP277
Clinical Utility and Cost-Effectiveness of Transesophageal Echocardiogram in Lacunar Strokes
Vismaya Thakkar, Kiddy Ume, Riley Kraus, David Forgus, Aaron Fleming, Gary Hendricks, Widad Abou Chaar, Fazeel Siddiqui, SIU Sch of Med, Springfield, IL

Poster Board Number P278 / Presentation Number WP278
Markers of Coagulation and Hemostatic Activation in Embolic Stroke of Undetermined Source (ESUS) Patients With Patent Foramen Ovale
Vera Sharashidze, Srikant Rangaraju, Pierre Bouchard, Margaret Moore, Angela D’Agostino, Andrew Cope, Edward F Baldus, Echo Med Dynamics, Paris, France

Poster Board Number P279 / Presentation Number WP279
Cardiac Biomarkers Predict Large Vessel Occlusion in Patients With Ischemic Stroke
Andrew Chang, Brittany Ricci, Brian Mac Gory, Shawna Cutting, Tina Burton, Katarina Oaky, Ashley Schomer, Ryan McTaggart, Mahesh Jayaraman, Brown Univ, Providence, RI; Alexander Markler, Cornell Univ, New York, NY; Michael Reznik, Brown Univ, Providence, RI; Michael Lorario, Cornell Univ, New York, NY; Christopher Song, Brown Univ, Providence, RI; Hooman Kamel, Cornell Univ, New York, NY; Mitchell S Elkind, Karen Furie, Shadi Yaghi, Brown Univ, Providence, RI

Poster Board Number P280 / Presentation Number WP280
Systolic Blood Pressure During Presentation of Acute Ischemic Stroke Predicts Cardioembolic Etiology
Margaret Moores, Vignan Yogendra Kumar, Olana Berezyakova, Hailey Pettet, Grant Stotts, Darush Dowlatshahi, Michel Shamy, Univ of Ottawa, Ottawa, ON, Canada

Poster Board Number P281 / Presentation Number WP281
Histologic Features of Thrombi Retrieved From Ischemic Stroke Patients With Cancer

Emergency Care/Systems Posters I
WP282 – WP332
Poster Board Number P290 / Presentation Number WP290
Direct Ambulance to Imaging Based Mission Protocol Improves Thrombolysis Metrics for Prehospital Suspected Acute Stroke Patients
Kevin J Keenan, Univ of California San Francisco, San Francisco, CA; Sara B Cole, Christine Martin, Zuckerber San Francisco General Hosp and Trauma Ctr, San Francisco, CA; J Claudia Hemphill III, Debbie Y Madyik, Univ of California San Francisco, San Francisco, CA

Poster Board Number P291 / Presentation Number WP291
Utilization of Novel Imaging Algorithms for Patient Triage at Primary Stroke Centers in a Stoke System of Care
Karan Tarasaria, Karan Topwala, Jussie Lima, Univ of Connecticut, Farmington, CT; Dawn Beland, Mubashar Pervez, Amre Nouh, Mark J Albers, Hartford Hosp, Hartford, CT

Poster Board Number P292 / Presentation Number WP292
Differential Ability of Prehospital Large Vessel of Occlusion Scales to Identify Intracranial Hemorrhage
Kristina Shirkova, Mark Sabra, Univ of Southern California, Los Angeles, CA; Jeffrey Saver, David S Liebeskind, Univ of California, Los Angeles, CA; Scott Hamilton, Stanford Univ, Palo Alto, CA; Sidney Starkman, Univ of California, Los Angeles, CA; Nerses Sanossian, Univ of Southern California, Los Angeles, CA

Poster Board Number P293 / Presentation Number WP293
A Prospective Validation of Stroke Network of Wisconsin (snow) Scale to Predict Large Vessel Occlusion (Ivo) and Comparison With Other Stroke Scales Kessar Khan Panichpial, Aurora Neurosciences Innovation Inst, Milwaukee, WI; Maureen Hess, Dept of Health Services, Madison, WI; Maharaj Singh, Elizabeth Dellemann, Paul Vilar, Aurora Neurosciences Innovation Inst, Milwaukee, WI; Reji P Babhygiri, Aurora research institute, Milwaukee, WI; Sarah Epenbeck, Aurora Neurosciences Innovation Inst, Milwaukee, WI; Adil Chohan, Marian Univ Coll of Osteopathic Med, Indianapolis, IN; Thomas Wolfe, Rehan Sajjad, Richard A Rovin, Aurora Neurosciences Innovation Inst, Milwaukee, WI

Poster Board Number P294 / Presentation Number WP294
Em Telehealth Triage by the Neurointerventionalist and Limited Non Contrast CT Triage Shorten Hospital Process and Increase Treatment Rates for Mechanical Thrombectomy
Nils H Mueller-Kronals, Tenet Health Care, Delray Beach, FL; Ritesh Kaushal, Tenet Health Care, Hialeah, FL; Ali R Malek, Tenet Health Care, West Palm Beach, FL; Wilson Cuba, Tenet Health Care, Fort Lauderdale, FL; Sonal Retha, Tenet Health Care, Miami, FL

Poster Board Number P295 / Presentation Number WP295
Feasibility and Safety of a Large-Scale Telenurology Network for the Treatment of Acute Stroke in a Heterogeneous Multihospital Patient Population
Johanna L Morton, Diamond K Northington, B Tilman Jolly, SOC Telemed, Reston, VA

Poster Board Number P296 / Presentation Number WP296
Access to Comprehensive Stroke Centers in Los Angeles County
Jonathan Marehbian, Daniel Dworkis, Sanjay Arora, Nerses Sanossian, Keck Med of UCLA, Los Angeles, CA

Poster Board Number P297 / Presentation Number WP297
Impact of the Extended Thrombectomy Window on a Large, Comprehensive Stroke Center Run Telestroke Network
Amy K Guzik, Laura E Bishop, Tamara T Barghouthi, Guang D Wu, Nada El Hussein, Patrick S Reynolds, Charles H Tegeler, Cheryl D Bushnell, Wake Forest Baptist Health, Winston-Salem, NC

Poster Board Number P298 / Presentation Number WP298
Communication Center Guided Prehospital Stroke Assessment Scoring has High Inter-rater Agreement
Melissa Gazi, Abimbola Fadairo, Michael Minor, Joe Acker, Toby I Gropen, Univ of Alabama at Birmingham, Birmingham, AL

Poster Board Number P299 / Presentation Number WP299
Telestroke Program Participation and Improvement in Door-To-Needle Times Benzion Blech, Cumara B O’Carroll, Nan Zhang, Bart M Demeerschak, Mayo Clinic, Phoenix, AZ

Poster Board Number P300 / Presentation Number WP300
Characteristics and Prognosis of Transfer Patients to a Comprehensive Stroke Center in the Stroke Belt
Abimbola Fadairo, Melissa Gazi, Toby I Gropen, Univ of Alabama at Birmingham, Birmingham, AL

Poster Board Number P301 / Presentation Number WP301
Clinical characteristics and Outcomes of Acute Ischemic Stroke by Hospital Arrival Time: CRCS-K (Clinical Research Collaboration for Stroke in Korea) registry
Yong-Jin Cho, Inje Univ Ilsan Paik Hosp, Goyang, Korea, Republic of; Jung-Moo Park, Euji General Hosp, Euji Univ, Seoul, Korea, Republic of; Kyung Bok Lee, Soonchunhyang Univ Coll of Med, Seoul, Korea, Republic of; Ji Sung Lee, Clinical Res Ctr, Asan Medical Ctr, Seoul, Korea, Republic of; Tai Hwan Park, Seoul Medical Ctr, Seoul, Korea, Republic of; Keun-Sik Hong, Hong-Kyoun Park, Inje Univ Ilsan Paik Hosp, Goyang, Korea, Republic of; Kyusik Kang, Euji General Hosp, Euji Univ, Seoul, Korea, Republic of; Jae Kwan Cha, Dong-A Univ Hosp, Pusan, Korea, Republic of; Soo Joo Lee, Euji Univ Hosp, Euji Univ Sch of Med, Daejeon, Korea, Republic of; Jun Lee, Yeungnam Univ Medical Ctr, Daegu, Korea, Republic of; Joon-Tae Kim, Chonnam Natl Univ Hosp, Gwangju, Korea, Republic of; Dong-Eog Kim, Dongguk Univ Ilsan Hosp, Goyang, Korea, Republic of; Mi Sun Oh, Kyung-Hee U, Hallym Univ Sacred Heart Hosp, Anyang, Korea, Republic of; Jay Choi Choi, Jeju Natl Univ Hosp, Jeju, Korea, Republic of; Junyeong Lee, Korea Univ Coll of Med, Seoul, Korea, Republic of; Beom Joon Kim, Hye-Joon Bae, Seoul Natl Univ Bundang Hosp, Seongnam, Korea, Republic of

Poster Board Number P302 / Presentation Number WP302
Low Volume Non-PSC Hospitals Are More Likely to Transfer Whites but Not Blacks for a Higher Level of Stroke Care
Michael J Lyerly, Univ Alabama at Birmingham, Birmingham, AL; Karen C Albright, SUNY Upstate, Rochester, NY; Farahid S Vahidy, Univ of Texas - Houston, Houston, TX; George Howard, Univ Alabama at Birmingham, Birmingham, AL; John Donnelly, Univ of Michigan, Ann Arbor, MI

Poster Board Number P303 / Presentation Number WP303
Improving Treatment Within the Golden Hour in and Out of Hours With a Multidisciplinary Pre-Hospital, Within-Hospital Communication System
Kathleen L Bagd, The Florey Inst of Neuroscience and Mental Health, Melbourne, Australia; Dominique A Cadilhac, Monash Univ, Clayton, Australia; Karen Smith, Stephen Bernard, Ambulance Victoria, Melbourne, Australia; Joosup Kim, The Florey Inst of Neuroscience and Mental Health, Melbourne, Australia; Tessa Coupland, Bendigo Health, Melbourne, Australia; Wayne Pearce, Ambulance Victoria, Melbourne, Australia; Mark Rutland, Royal Melbourne Hosp, Melbourne, Australia; Marc Budge, Bendigo Health, Melbourne, Australia; Voltaire Nadurata, Bendigo Health, Bendigo, Australia; Debra Pearce, Ballarat Health Services, Melbourne, Australia; Howard Hall, Grant Hocking, Ambulance Victoria, Melbourne, Australia; Ben Kelly, Angie Spencer, Pauline Chapman, Ernesto Oquell, Ramesh Sahathavaran, Thomas Kraemer, Ballarat Health Services, Melbourne, Australia; Dion Stub, Ambulance Victoria, Melbourne, Australia; Chris F Bladin, The Florey Inst of Neuroscience and Mental Health, Melbourne, Australia

Poster Board Number P304 / Presentation Number WP304
Telemedicine Utilization Practices and Barriers to Use for Stroke Care in North Dakota Critical Access Hospitals
Olivia N Barnes, American Heart Association, Dallas, TX; Janna Pietrzak, American Heart Association, Jamestown, ND; Mindy Cook, American Heart Association, Eagan, MN; Shila Thorton, North Dakota Dept of Health, Bismarck, ND; S Shiraz Hyder, CH I St Alexius Health, Bismarck, ND; Christina M Shaw, American Heart Association, Dallas, TX

Poster Board Number P305 / Presentation Number WP305
Field Assessment of Potential Large Vessel Occlusions in Patients With Suspected Acute Ischemic Stroke: Results From a Clinician Survey
Steven Warach, Dell Medical Sch, Austin, TX; Eli Korner, Kathy Harbour, Cindy Salem, Joan Jacobs, Xiao-Yu Lu, Barbara Purdon, Genentech, Inc, South San Francisco, CA; Tudor G Jovin, Univ of Pittsburgh Sch of Med, Pittsburgh, PA

Poster Board Number P306 / Presentation Number WP306
IV tPA Treatment Facilitated by Advanced Practice Providers in an Academic Program
Julie Shawver, Syed Zaidi, Mouhammad Jamua, ProMedica Toledo Hosp, Toledo, OH

Poster Board Number P307 / Presentation Number WP307
Pre-Hospital Delay for Acute Ischemic Stroke in the New Era: K-Plus Registry
Yoichiro Nagao, Hyogo Medical Ctr, Himeji, Hyogo, Japan

Poster Board Number P308 / Presentation Number WP308
BEMI (Brain Emergency Management Initiative) for Optimizing Hub-EMS-Spoke Transfer Networks
Royya F Modir, Dawn Meyer, Meorl Hamidy, Tenelle Delima, Jeffrey Steinberg, UCSD, San Diego, CA; Leslie Mukau, Dannielle Walls, UCSD, San Diego, CA; Christian Slone, Brett Meyer, UCSD, San Diego, CA
Poster Board Number P406 / Presentation Number WP406
New Zealand Hospital Stroke Service Provision: A National Survey
Anna Ranta, Univ of Otago, Wellington, New Zealand; Peter A Barber, Univ of Auckland, Auckland, New Zealand; Matie Harwood, Univ of Otago, Wellington, New Zealand; Domique Cadilhac, Monash Univ, Melbourne, Australia; Harry McNaughton, Medical Res Inst of New Zealand, Wellington, New Zealand; Stephanie Thompson, Capital & Coast District Health Board, Wellington, New Zealand; John Fink, Canterbury District Health Board, Wellington, New Zealand; Alan Davis, Northland DHB, Whangarei, New Zealand; John Gommans, Hawkes Bay District Health Board, Wellington, New Zealand; Jackie Girvan, Consumer, Ashburton, New Zealand; Ginny Abernethy, NZ Stroke Fdn; Wellington, New Zealand; Valery Feigin, Auckland Univ of Technology, Auckland, New Zealand; Andrew Wilson, Nelson-Marlborough District Health Board, Blenheim, New Zealand; Jeroen Douwees, Massey Univ, Wellington, New Zealand

Poster Board Number P407 / Presentation Number WP407
Coast Study Examining the Association Between Timely Cardiol Revascularization and Key Health System Strategies Among Patients With Transient Ischemic Attack and Stroke
Sophia Gocan, Aline Bourgoin, The Ottawa Hosp, Ottawa, ON, Canada; Rany Shamloul, Ottawa Hosp Res Inst, Ottawa, ON, Canada; Brammlya Sivakumar, Dar Dowlatshahi, Grant Stotts, The Ottawa Hosp, Ottawa, ON, Canada

Poster Board Number P408 / Presentation Number WP408
Time of Day Negatively Impacts Key Acute Stroke Metrics at a Large Academic Center
Brian Giovanni, Danielle Wheelwright, Laura Stein, Tara Roche, Lili Velickovic Ostojić, Stanley Tuhrim, Icahn Sch of Med at Mount Sinai, New York, NY

Poster Board Number P409 / Presentation Number WP409
Heterogeneous Patterns of Depressive Symptoms Among Stroke Survivors: Implications for Screening
Liming Dong, Univ of Michigan Sch of Public Health, Ann Arbor, MI; Lesli Skolarus, Lewis Morgenstern, Univ of Michigan Med Sch, Ann Arbor, MI; Lynda Lisabeth, Univ of Michigan Sch of Public Health, Ann Arbor, MI

Poster Board Number P410 / Presentation Number WP410
Effect of a Neurohospitalist Service on Length of Stay of Ischemic Stroke Patients
Satabdi Chakrabarti, Carolina Vivar, Christopher Cummings, Lisa Beckett, Kelly Baldew, Anthony Noto, Geisinger Commonwealth Sch of Med, Danville, PA

Poster Board Number P411 / Presentation Number WP411
Rapid Transfer Program: Systemic Coordination of Transfers Dramatically Reduces Capacity Denials and Improves Customer Experience for Referring Facilities in a Large Metropolitan Area
Meredith Wells, Dong Kim, Amanda Spielman, Sean Savitz, Art Day, Tzu-Ching Wu, Cheryl Fleming, Ross Clements, Myrzy Lacayo, Memorial Hermann Health System, Houston, TX

Poster Board Number P412 / Presentation Number WP412
Use of Interactive Cluster Heatmaps and Text Analytics in the Escape-na1 Phase 3 Clinical Trial for Pharmacovigilance of Adverse Events and Site Performance
Arsalan P Rizwan, Corey Adams, Michael Tymianski, NoNO Inc, Toronto, ON, Canada

Poster Board Number P413 / Presentation Number WP413
Deconstructing Post-Stroke Delirium in a Prospective Cohort of Patients With Intracerebral Hemorrhage

Poster Board Number P414 / Presentation Number WP414
Stroke Door-to-Needle Target of 30 Minutes or Less: A Single Center Experience
Suzanne Fuhrman, Marc Lazarro, Froedtert & Medical Coll of WI, Milwaukee, WI

Poster Board Number P415 / Presentation Number WP415
Electronic Stroke Care Pathway Significantly Increases Quality Improvement Metric Documentation and Patient Education
Aaron N Dunn, Selena R Pasadyn, Francis J May, Cleveland Clinic Lerner Coll of Med, Cleveland, OH; Dolora W Wisco, Cleveland Clinic Fdn, Cleveland, OH

Poster Board Number P416 / Presentation Number WP416
Preceding Therapeutic Anticoagulation in Patients With Atrial Fibrillation Reduces Both the Severity of Stroke and the Risk of In-Hospital Complications - Data From the Chinese Stroke Center Alliance (CSCA)
Chunjuan Wang, Xiaolong Li, Hongpol Gu, Xin Yang, Caiyun Wang, Fuying Zhang, Lixia Zong, Yilong Wang, Yongjun Wang, Beijing Tiantan Hosp, Capital Medical Univ, Beijing, China

In-hospital Treatment Posters I
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Poster Board Number P417 / Presentation Number WP417
A Score for Hemorrhagic Transformation Prediction in Acute Ischemic Stroke Not Treated With Recanalization Therapies
Joao Bainer Andrade, Univ Federal de Sao Paulo, Sao Paulo, Brazil; Joao Jose Carvalho, Fabricio Oliveira Lima, Hosp Geral de Fortaleza, Fortaleza, Brazil; Giselle Sampaio Silva, Univ Federal de Sao Paulo / Hosp Isaielita Albert Einstein, Sao Paulo, Brazil

Poster Board Number P418 / Presentation Number WP418
An Open-Label Clinical Study of n-Butylphthalide for the Treatment of Acute Ischemic Stroke
Feng Niu, CSPC NBP Pharmaceutical Co, Ltd, Shijiazhuang, China; Simon Li, CSPC NBP Pharmaceutical Co, Ltd, Princeton, NJ; Xiaohui Gao, Capital Medical Univ, Beijing, China; Ronald W Watts, CSPC NBP Pharmaceutical Co, Ltd, Princeton, NJ; Wayne M Clark, Oregon Health & Science Univ Stroke Ctr, Portland, OR

Poster Board Number P419 / Presentation Number WP419
Expanding the Use of Telenetworking Network Beyond Acute Stroke: Implications and Significance
Eyad Almaloukh, MUSC, Charleston, SC; Sami Al kasab, Univ of Iowa, Iowa City, IA; Jillian Harvey, MUSC, Charleston, SC; Tarun Girotra, Univ of New Mexico, Albuquerque, NM; Ellen Debenham, Nancy Turner, Christine Holmstedt, MUSC, Charleston, SC

Poster Board Number P420 / Presentation Number WP420
Incidence of Contrast Induced Nephropathy Among Different Stroke Subtypes After Adoption of New Emergency Brain Imaging Protocol for Acute Stroke - A Single Center Perspective
Jason L King, Kelsey A Ekund, Stephen R Ross, Chao Xu, Kimberly Hollabaugh, Evgeny V Sidorov, Bappaditya Ray, The Univ of Oklahoma Health Sciences Ctr, Oklahoma City, OK

Poster Board Number P421 / Presentation Number WP421
Intravenous Tissue Plasminogen Activator in Patients With Severe Hypoglycemia
Randheer Singh Yadav, Rayvn Cash, Karen Wiles, Sushil S Lakhani, Michel Torbay, Vivien H Lee, OSU Medical Ctr, Columbus, OH

Poster Board Number P422 / Presentation Number WP422
Vascular Outcomes in TAVR vs SAVR in End Stage Renal Disease Patients Mohinder Reddy Vindhyal, Shravani Vindhyal, Paul Nduna, Sinan Khayyat, Zaher Fanari, KUSM-Wichita, Wichita, KS

Poster Board Number P423 / Presentation Number WP423
Use of Non-Vitamin K Antagonist Oral Anticoagulants for the Treatment of Cerebral Venous Sinus Thrombosis
James A Giles, Yamshi K Balasetti, Allyson R Zazulia, Washington Univ Sch of Med, Saint Louis, MO

Poster Board Number P424 / Presentation Number WP424
Identifying Gaps and Missed Opportunities for IV-Thrombolytic Treatment of Inpatient Stroke
Karan Topiwala, Karan Tarasaria, Univ of Connecticut, Farmington, CT; Iene Staff, Dawn Beland, Hartford Hosp, Hartford, CT; Erica Schuyler, Univ of Connecticut, Farmington, CT; Amre Nosh, Hartford Hosp, Hartford, CT

Poster Board Number P425 / Presentation Number WP425
Effect of Factor VIII Elevation on Outcomes in Post-TPA Acute Ischemic Stroke
Alyana A Samai, West Jefferson Medical Ctr, Marrero, LA; Dominique J Monlezun, Texas Medical Ctr UTH, Marrero, LA; DigiVijaya Nvalakelie, Sheryl Martin-Schild, Dr Brain Inc, Metairie, LA
Poster Board Number P463 / Presentation Number WP463
Baseline Leukoaraiosis Does Not Modify Clinical Outcomes in Patients With Spontaneous Intracerebral Hemorrhage
Charoskhan Turabova, Adeola Olowu, Chunyan Cai, Amanda L Jagolino, Nicole R Gonzales, Univ of Texas, Houston, TX

Poster Board Number P464 / Presentation Number WP464
Stress-Induced Hyperglycemia After Intracerebral Hemorrhage Predicts In-Hospital Mortality and Temporary CSF Diversion
Clair Delphinur Noah, Eugeny Sidorov, Ahmed Koriash, Kimberly Hollibaugh, Joshua Santucci, Bappadiya Ray, OHSC, Oklahoma City, OK;

Poster Board Number P465 / Presentation Number WP465
Roles of Nurses in Providing Intravenous r-PA Therapy for Patients With Acute Cerebral Infarction
Mika Takahashi, Nakamura Memorial Hosp, Sapporo, Japan; MiGiwa Nakada, Sapporo Medical Univ Sch of Health Sciences, Sapporo, Japan; Arisa Matsuura, Nakamura Memorial Hosp, Sapporo, Japan; Mizue Shiromaru, Sapporo Medical Univ Sch of Health Sciences, Sapporo, Japan

Poster Board Number P466 / Presentation Number WP466
Improving Stroke Dysphagia Screening Core Measure Compliance and Patient Outcomes
Susan Fuhrman, Marc Lazarro, Froedert & Medical Coll of WI, Milwaukee, WI

Poster Board Number P467 / Presentation Number WP467
Utilizing a Communication Platform to Improve Stroke Care
Theresa L Hamm, Mercy Medical Ctr, Des Moines, IA

Poster Board Number P468 / Presentation Number WP468
Nurse Role Expedites Triage during Stroke Alert to Improve IV Alteplase Door to Needle Times
Michele Patterson, Tracy Moore, Beth Cline, St Luke’s Baptist Hosp, San Antonio, TX; Johanna Sharp, UT Health San Antonio, San Antonio, TX

Poster Board Number P469 / Presentation Number WP469
The Effect of Different Doses of Remote Ischemic Conditioning on Patients’ Comfort
Jie Zhao, Hong Chang, XiaoJuan Wang, WenYa Cao, Xin Yang, Hui Yao, Yuchen Qiao, Ruan Zheng, Capital Medical Univ XuanWu Hosp, Beijing, China; KaiTing Fan, Capital Medical Univ, Beijing, China

Poster Board Number P470 / Presentation Number WP470
Stroke Transitions of Care: A Feasibility Study
Lovella Hailey, Melissa Martin, Karen Rapp, Ryoya Modir, Kunal Agrawal, Julian Duda, Chia-Chun Chang, Alyssa Baulista, Brett Meyer, Dawn Meyer, Thomas Hemmen, UCSD, San Diego, CA

Poster Board Number P471 / Presentation Number WP471
Increasing Stroke Education Retention and Quality of Life in the Outpatient Setting
Stephanie Dahl, Rush Univ Medical Ctr, Westmont, IL

Poster Board Number P472 / Presentation Number WP472
Post Alteplase Patient Care ICU vs a Stroke Unit
Kathy H Stowell, Keri Cheff, INTEGRIS Southwest Medical Ctr, Oklahoma, OK

Poster Board Number P474 / Presentation Number WP474
Stroke Severity upon Discharge Does Not Predict Post-Discharge Nurse Navigator Needs
Karen Sher, Emily Hoffman, Kelsey Mack, Amre Nouh, Hartford Hosp, Hartford, CT

Poster Board Number P475 / Presentation Number WP475
The Relationship Between Leukoaraiosis and Fomite Recanalization With Acute Anterior Circulation Ischemic Stroke Treated by Mechanical Thrombectomy
Na Wei, Yuehua Pu, Zhonghua Yang, Liping Liu, Beijing Tiantan Hosp, Beijing, China

Poster Board Number P476 / Presentation Number WP476
Transfer to Nearest Primary Stroke Center Portends Significant Delays and Poorer Outcomes in Stroke Patients With Large Vessel Occlusions
Audrey Arango, Laura Suhan, Jordan Yokoby, Briana DeCarvalho, Maya Inman, Avani Bhatnagar, Ashish Kulhari, Siddhart Mehta, Spezomy Panezai, HMH JFK Medical Ctr, Edison, NJ; Jawad F Kirmani, HMH JFK Medical Ctr, Holmdel, NJ

Poster Board Number P477 / Presentation Number WP477
ICH in a Mid-South Mobile Stroke Unit Sample: Demographics, Clinical Findings, and Geospatial Distribution

Poster Board Number P478 / Presentation Number WP478
Characterization of False Negative Vision, Aphasias, and Neglect Screening Scores in Patients With Confirmed Large Vessel Occlusion
Stacie C Stevens, Lorie Selleck, Jessica Green, VCU Health, Richmond, VA

Poster Board Number P479 / Presentation Number WP479
Bedside Modified Volume-Velocity Swallow Test Might be Reliably to Predict Risk of Aspiration Pneumonia After Stroke
Ting Ye, Sheng-Yan Huang, Yi Dong, Giang Dong, Huashan Hosp Fudan Univ, Shanghai, China

Poster Board Number P480 / Presentation Number WP480
Stroke Risk Among Post-menopausal Breast-cancer Survivors
Kyungeh An, Virginia Commonwealth Univ, Richmond, VA; Chanam Sin, Arizona State Univ, Phoenix, AZ; Jeongha Sim, Jeonju Univ, Jeonju, Korea, Republic of

Poster Board Number P481 / Presentation Number WP481
Teletelus Consultations in an EMS Unit to Reduce t-PA Decision Times
Nancy Turner, Ellen Debenham, Perette Sabatino, Amanda James, Medical Univ of South Carolina, Charleston, SC; Dale Hewitt, Georgetown County Fire/EMS, Georgetown, SC, Jessica Hewitt, Tidelands Georgetown Memorial Hosp, Georgetown, SC, Christine Holmstedt, Medical Univ of South Carolina, Charleston, SC

Poster Board Number P482 / Presentation Number WP482
Pragmatic Times: A Telestroke Response to the Need for Increased Large Vessel Occlusion Stroke Triage

Poster Board Number P483 / Presentation Number WP483
Clinical Social Work Perspective Positively Impacts Comprehensive Stroke Center
Carly Rossi, Christy Casper, Alexandra Graves, Terri Kiernan, Saint Anthony Hosp, Lakewood, CO

Poster Board Number P484 / Presentation Number WP484
Care Coordination Barriers at Key Transition Points in Post-Ischemic Stroke Care - the Case for Nurse Navigators
Sharon Bottomley, Lisa Keefner, Brenda Fonton, Laura Burrone, Veterans Health Admin, West Haven, CT; Jason Sico, Veterans Health Admin/Yale Sch of Med, West Haven, CT

Poster Board Number P485 / Presentation Number WP485
Early Mobilization After 12 Hours Post Thrombolysis is Feasible and Safe in Minor Stroke Patients
Tricia Tubergen, Hattie LaCroix, Laurel Packard, Cuyier Huffman, Alana Garcia, Nicholas Ames, Dawn Newell, Donald Packard, Basell Raad, Joseph Zachariah, Elysia James, Andrea Goosen, Angela Fye, Tamer Abdelhak, Spectrum Health, Grand Rapids, MI; Brian Silver, Univ of Massachusetts, Worcester, MA; Muhib Khan, Spectrum Health, Grand Rapids, MI

Poster Board Number P486 / Presentation Number WP486
Do Social Determinants of Health Predict Recovery in the First 90 Days After Stroke?
Alice M Liskay, MetroHealth Medical Ctr, Cleveland, OH; Thomas E Love, Ctr for Health Care Research and Policy, Cleveland, OH; Dena Brown, Maureen Buttrick, Cleveland Clinic, Cleveland, OH; Robynn S Cox, Tracy Cusker, MetroHealth Medical Ctr, Cleveland, OH; Cassandra Forrest, Ohio State Univ Wexner Medial Ctr, Columbus, OH; Julie Fussner, Univ Hosp Cleveland Medical Ctr, Cleveland, OH; Sharon Heaton, Ohio State Univ Wexner Medical Ctr, Columbus, OH; Molly McNett, MetroHealth Medical Ctr, Cleveland, OH; Kelly Montgomery, Univ Hosp Cleveland Medical Ctr, Cleveland, OH; Amy O’Brien, Mount Carmel Health System, Columbus, OH; Rachel Reynolds, Miami Valley Hospitl- Premier Health, Dayton, OH; Jon W Schrock, MetroHealth Medical Ctr, Cleveland, OH; Brett Taylor, Mount Carmel Health System, Columbus, OH; Irene Katsan, Cleveland Clinic, Cleveland, OH

Poster Board Number P487 / Presentation Number WP487
A Qualitative Inquiry Into Patient Reported Factors That Influence Time From Stroke Symptom Onset to Hospitalization
Andre Amtoft, Anne K Danielsen, Nete H Hornnes, Christina Kruuse, Herlev Gentofte Hosp, Herlev, Denmark
Poster Board Number P551 / Presentation Number WP551
Senescence-Induced Methylation Changes in Global DNA and Atherosclerosis-Related Genes in Human Vascular Endothelial Cells
Jee Yeon Kim, Chungnam Natl Univ Hosp, Daejeon, Korea, Republic of; Jaroslav Jelonas, Teng-Yang Sun, Philadelphia, PA; Jin-Woo Hwang, Jong Wook Shin, Hyo Seon Jeong, Bong Geun Choi, Chungnam Natl Univ Hosp, Daejeon, Korea, Republic of; Jean-Pierre Issa, Temple Univ, Philadelphia, PA; Jei Kim, Chungnam Natl Univ Hosp, Daejeon, Korea, Republic of

Poster Board Number P552 / Presentation Number WP552
Post-stroke Dementia Incidence and Risk Factors in Korea: Linked Big Data Between the Clinical Research Center for Stroke Data and the Health Insurance Review & Assessment Service Data Analysis
Tae Jung Kim, Seoul Natl Univ Hosp, Seoul, Korea, Republic of; Ji Sung Lee, Asan Medical Ctr, Seoul, Korea, Republic of; Mi-Sun Oh, Jae-Sung Hahn, Hallym Univ Sacred Heart Hosp, Anyang, Korea, Republic of; Ki-Woong Nam, Chan-Hyuk Lee, Heejeung Mo, Han-Heong Jeong, Jeoung-Hwa Jung, Sang-Bae Ko, Seoul Natl Univ Hosp, Seoul, Korea, Republic of; Kyung-Ho Yu, Byeong-Chul Lee, Hallym Univ Sacred Heart Hosp, Anyang, Korea, Republic of; Byung-Woo Yoon, Seoul Natl Univ Hosp, Seoul, Korea, Republic of

Poster Board Number P553 / Presentation Number WP553
Differentiation of Cortical Microinfarctions Due to Cerebral Amyloid Angiopathy From Those Caused by Microembolism on 3T MRI
Hidehiko Ishikawa, Yuichiro Ii, Akhiro Shindo, Masayuki Maeda, Atsuo Ono, Makio Umino, Keita Matsuru, Akira Taniguchi, Hidekazu Tomimoto, Mie Univ, Mie, Japan
Poster Board Number P554 / Presentation Number WP554
Nationwide Survey of CADDASIL in Japan
Akhiro Shindo, Ken-ichi Tabei, Akira Taniguchi, Mie Univ Graduate Sch of Med, Mie, Japan
Poster Board Number P555 / Presentation Number WP555
Plasma Beta-Secretase 1 in Cerebral Amyloid Angiopathy
Yu Su, Huashan Hosp, Fudan Univ, Shanghai, China; Peng Gao, Univ of Science and Technology of China, Hefei, China; Qiang Dong, Huashan Hosp, Fudan Univ, Shanghai, China; Yong Shen, Univ of Science and Technology of China, Hefei, China; Xin Cheng, Huashan Hosp, Fudan Univ, Shanghai, China
Poster Board Number P556 / Presentation Number WP556
Predicting Modified Rankin Scale Using Prior Cognition Measure: Results From CLEAR III Study
Radhika Avadharani, Richard E Thompson, Johns Hopkins Univ Medical Insts, Baltimore, MD; Gayane Yenokyan, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Karen Lane, Nichol Mcbee, Johns Hopkins Univ Medical Insts, Baltimore, MD; Wendy C Ziai, Johns Hopkins Univ Sch of Med, Baltimore, MD; Issam A Awad, Univ of Chicago Med, Chicago, IL; Daniel F Hanley, Johns Hopkins Univ Medical Insts, Baltimore, MD
Poster Board Number P557 / Presentation Number WP557
Chronic Remote Ischemic Conditioning (C-RIC) Induces Collateral Remodeling and Improves Functional Outcomes Independent of Sex in Aged Mouse Model of Vascular Cognitive Impairment and Dementia (VCID)
Mohamed Badruzzaman Khan, Shahnawee Siddiqui, Kumar Vaibhav, Augustia Unversity, Augusta, GA; Sherif Hafez, Larkin Univ, Miami, FL; David Yashar, Yong Li, Robert Batori, Molly Braun, Hesam Khodadadi, Krishan Dhandapani, Babak Baban, Md Nasrul Hoda, David C Hess, Augusta University, Augusta, GA
Poster Board Number P558 / Presentation Number WP558
Benefits of Perlcann Domain V in Diabetic Co-morbid Models of VCID
Amanda L Trout, Anika M Hartz, Jill M Roberts, Justin F Fraser, Gregory J Bix, Univ of Kentucky, Lexington, KY
Poster Board Number P559 / Presentation Number WP559
The NIH Toolbox Cognition Battery Outperforms the MoCA in Detecting Cognitive Impairment Following Mild Stroke in Young Patients
Poster Board Number P570 / Presentation Number WP570
Associations Between Stroke Symptoms and Cognition in Nepal
Annette L Fitzpatrick, Univ of Washington, Seattle, WA; Rajeev Shrestha, Archana Shrestha, Rajendra Koju, Dhulikhel Hosp, Kathmandu Univ Sch of Medical Sciences, Dhulikhel, Nepal; Resha Shrestha Karmacharya, Basant Pant, Annapurna Neurological Inst and Allied Sciences, Kathmandu, Nepal; Biraj Karmacharya, Dhulikhel Hosp, Kathmandu Univ Sch of Medical Sciences, Dhulikhel, Nepal
Antonio, San Antonio, TX; Joseph Lynch, Ohio Univ Sch of Osteopathic Med, Toledo, OH; Lee Birnbaum, Univ of Texas San Antonio, San Antonio, TX; Osama Zaidat, Bon Secours Mercy Health, St Vincent Medical Ctr, Toledo, OH; Isaiah Marcus, Northwestern Univ, Chicago, IL; Chen Li, City of Hope, Duarte, CA; Barbara J Lutz, Univ of North Carolina at Wilmington, Wilmington, NC; Janet Prvu-Bettger, Duke Univ, Durham, NC; Matthew A Psioda, Samantha M Levy, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Mysha E Sissine, Wake Forest Sch of Med, Winston-Salem, NC; Laurie H Mettam, Anna M Kucharska-Newton, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Amy M Pasha, Duke Univ, Durham, NC; Sylvia W Coleman, Wake Forest Sch of Med, Winston-Salem, NC; Wayne B Rosamond, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Pamela W Duncan, Wake Forest Sch of Med, Winston-Salem, NC

Poster Board Number LBP13 / Presentation Number LBP13 INTERACT2 / ATACH-II IPD Pooling Project: Results 2 - What is the Optimal Level of Early Systolic Blood Pressure Control in Acute Intracerebral Hemorrhage?
Tom J Moullaati, Univ of Edinburgh, Edinburgh, United Kingdom; Xia Wang, The George Inst for Global Health, Sydney, Australia; Renee’ H Martin, Virginia B Shipes, Medical Univ of South Carolina, Charleston, SC; Adrian I Qureshi, Univ of Missouri, Columbia, MO; Yuko Y Palesch, Medical Univ of South Carolina, Charleston, SC; Craig S Anderson, The George Inst for Global Health, Sydney, Australia

Poster Board Number LBP14 / Presentation Number LBP14 Navigated Low Frequency TMS to Non-injured Hemisphere Combined With Upper Limb Rehabilitation Does Not Improve Arm and Hand Function in Subacute Ischemic Stroke: The E-fit Trial
Richard Harvey, Shirley Ryan AbilityLab, Chicago, IL; Kari Dunning, Univ of Cincinnati, Cincinnati, OH; Dylan Edwards, Moss Rehabilitation Res Inst, Elkins Park, PA; Felipe Fregni, Spalding Rehabilitation Hosp, Boston, MA; Kathleen Friel, Burke Neurological Inst, White Plains, NY; Jarmo Laine, Nextrim Corp, Helsinki, Finland; Charles Liu, USC Neurorestoration Ctr and Rancho Los Amigos Nati Rehabilitation Ctr, Los Angeles, CA

Poster Board Number LBP15 / Presentation Number LBP15 INTERACT2 / ATACH-II IPD Pooling Project: Results 1 - What is the Optimal Systolic Blood Pressure Control Target in Acute Intracerebral Hemorrhage?
Renee H Martin, Medical Univ of South Carolina, Charleston, SC; Tom J Moullaati, Univ of Edinburgh, Edinburgh, United Kingdom; Virginia B Shipes, Medical Univ of South Carolina, Charleston, SC; Xia Wang, The George Inst for Global Health, Sydney, Australia; Yuko Y Palesch, Medical Univ of South Carolina, Charleston, SC; Adrian I Qureshi, Univ of Missouri, Columbia, MO; Craig S Anderson, The George Inst for Global Health, Sydney, Australia

Poster Board Number LBP16 / Presentation Number LBP16 RE-SPECT ESUSTM, a Study of Dabigatran Etxelitate versus Acetylsalicylic Acid for Stroke Prevention in Patients With Embolic Stroke of Undetermined Source: A Subgroup Analysis by Age and Dabigatran Dose Assignment
Hans-Christoph Diener, Univ Duisburg-Essen, Essen, Germany; Raphael L Sacco, Univ of Miami, Miami, FL; Donald Easton, Univ of California–San Francisco, San Francisco, CA; Christopher B Granger, Duke Clinical Res Inst, Durham, NC; Lisa Cronin, Boehringer Ingelheim Ltd/Lte, Burlington, ON, Canada; Manda Fräässdorf, Boehringer Ingelheim Pharma GmbH & Co KG, Ingelheim am Rhein, Germany; Claudia Grauer, Boehringer Ingelheim Pharma GmbH & Co KG, Biberach, Germany; Martina Brueckmann, Boehringer Ingelheim Intl GmbH, Ingelheim am Rhein, Germany; on behalf of the RE-SPECT ESUST Investigators

Poster Board Number LBP17 / Presentation Number LBP17 Increased Access to and Use of Endovascular Therapy Following Implementation of a Two-tiered Regional Stroke System
Nicolle E Bosson, Marianne Gausche-Hill, Los Angeles County EMS Agency, Santa Fe Springs, CA; Jeffrey Saver, Ronald Reagan UCLA Medical Ctr, Los Angeles, CA; Richard Tadeo, Christine Clare, Lorrie Perez, Michelle Williams, Sara Rasnake, Phuong-Lan Nguyen, Los Angeles County EMS Agency, Santa Fe Springs, CA; Los Angeles County Stroke Data Collaborative
Poster Board Number LB19 / Presentation Number LB19
Real-time Detection, Localization, and Quantification of Intracerebral Hemorrhages With Artificial Intelligence
Daniel Chow, Mark Farag, Dana Stradling, Lydia Su, Wengui Yu, Peter Chang, Univ of California, Irvine, Orange, CA

Poster Board Number LB21 / Presentation Number LB21
A Proposed Methodology to Determine the Need for Certified Thrombectomy Capable Stroke Centers
Lee H Schwamm, MGH, Boston, MA; Breteh Tschurtz, Amy Slott, Scott Williams, Joint Commission, Oakbrook Terrace, IL; Ed Jauch, MUSC, Ashville, NC; David Baker, Joint Commission, Oakbrook Terrace, IL

Poster Board Number LB22 / Presentation Number LB22
Blood-based Extracellular RNAs are Biomarkers Predictive of Stroke Subtype
M Yashar S Kalani, Univ of Virginia Sch of Med, Charlottesville, VA; Eric Alsop, Poster Board Number LBP22 / Presentation Number LBP22

Barrow Neurological Inst, Phoenix, AZ; Peter Nakaji, Robert Spetzler, Barrow Neurological Inst, Phoenix, AZ; Matthew Huntelman, TGEN, Phoenix, AZ; Kendall Jensen, The Translational Genomics Res Inst, Phoenix, AZ

Poster Board Number LB23 / Presentation Number LB23
Atrial Fibrillation and Cognitive Decline in the Reasons for Geographic and Racial Differences in Stroke (REGARDS) Study
Margie Jefferson, Elsayed Z Soliman, Wake Forest Sch of Med, Winston Salem, NC; Leslie McClure, Drexel Univ, Philadelphia, PA; Bonnie Sachs, Wake Forest Sch of Med, Winston Salem, NC; George Howard, Virginia Howard, Suzanne Judd, Fred Unverzagt, Virginia Wadey, Univ of Alabama at Birmingham, Birmingham, AL; Claudia Moy, Nati Inst of Neurological Disorders and Stroke, Bethesda, MD; Timothy Hughes, Wake Forest Sch of Med, Winston Salem, NC

Poster Board Number LB25 / Presentation Number LB25
Non-inferiority Clinical Trials to Clear New Endovascular Thrombectomy Devices: Is the Bar Being Set Too Low?
Chun-Jen Lin, Dept of Neurology, Taipei Veterans General Hosp, Taipei, Taiwan; Jeffrey L Saver, Dept of Neurology and Comprehensive Stroke Ctr, Univ of California, Los Angeles, Los Angeles, CA

Poster Board Number LB26 / Presentation Number LB26
Low-dose Intravenous Unfractionated Heparin and In-hospital Outcomes After Aneurysmal Subarachnoid Hemorrhage
Matthew J Kole, Univ of Maryland Medical Ctr, Baltimore, MD; Beatrice Ugilwineza, Univ of Louisville Sch of Med, Louisville, KY; Gregory Cannarsa, Aaron P Wessell, Univ of Maryland Medical Ctr, Baltimore, MD; Enzo Fortuny, Univ of Louisville Sch of Med, Louisville, KY; Jesse A Stokum, George A Crabill, Univ of Maryland Sch of Med, Baltimore, MD; Nicolas K Khattar, Univ of Louisville Sch of Med, Louisville, KY; E Francois Aldrich, Univ of Maryland Medical Ctr, Baltimore, MD; Robert F James, Univ of Louisville Sch of Med, Louisville, KY; J Marc Simard, Univ of Maryland Sch of Med, Baltimore, MD

Poster Board Number LB27 / Presentation Number LB27
How Much Atrial Fibrillation is Too Much? Treatment Benefit of Anticoagulation Based on Threshold of Device-Detected AF
Alexander C Perino, Stanford Univ; Stanford Cardiovascular Inst, Stanford, CA; Jun Fan, Mariam Askari, Veterans Affairs Palo Alto Health Care System, Palo Alto, CA; Paul Heidenreich, Stanford Univ, Stanford, CA; Edmund Keung, San Francisco VA Medical Ctr, San Francisco, CA; Merritt H Raitt, Veterans Affairs Portland Health Care, Portland, OR; Jonathan P Piccini, Duke Clinical Res Inst, Durham, NC; Paul D Ziegler, Medtronic plc, Mounds View, MN; Mintu P Turakhia, Stanford Univ, Stanford, CA

Poster Board Number LB28 / Presentation Number LB28
Evaluation of Ai-powered Identification of LVDs in a Comprehensive Stroke Center
Rotem Sivan - Hoffmann, Mor Saban, Eltan Abergel, Ayelat Eran, Rambam Healthcare Campus, Haifa, Israel

Poster Board Number LPB19 / Presentation Number LPB19
Real-time Detection, Localization, and Quantification of Intracerebral Hemorrhages With Artificial Intelligence
Daniel Chow, Mark Farag, Dana Stradling, Lydia Su, Wengui Yu, Peter Chang, Univ of California, Irvine, Orange, CA

Poster Board Number LPB21 / Presentation Number LPB21
The Feasibility of Deep Learning Algorithm in Final Stroke Lesion Prediction Using Baseline Diffusion-weighted Imaging Only in Acute Ischemic Stroke Patients
Yiyan Yu, Yu Xie, Thoralf Thamm, Enhao Gong, Kevin T Chen, Charles Huang, Soren Christensen, Maarten Lansberg, Greg Zaharchuk, Stanford Univ, Palo Alto, CA

Poster Board Number LPB22 / Presentation Number LPB22
Time to Intervention Impacts Outcomes in Intracranial Stenting: Analysis of 195 Consecutive Patients in the WEAVE Trial and WEAVE Registry Cohorts
Michael J Alexander, Cedars-Sinai Medical Ctr, Los Angeles, CA; Alois Zauner, Cottage Hosp, Santa Barbara, CA; Richard C Callison, SSM Medical Ctr, St Louis, MO; Rishi Gupta, Wellstar Health System, Marietta, GA; John C Chaloupka, Mount Sinai Medical Ctr, Miami, FL; Blaise Baxter, Erlanger Hosp, Chattanooga, TN; Shihe S Song, Cedars-Sinai Medical Ctr, Los Angeles, CA; Wengui Yu, Univ of California Irvine Medical Ctr, Irvine, CA; WEAVE Trial Investigators

Poster Board Number LPB33 / Presentation Number LPB33
Acute Intravenous Administration of MAPC Cells Accelerates Hematoma Resolution and Improves Outcomes in a Rodent Model of Intracerebral Hemorrhagic Stroke
Kumar Vaibhav, Molly Braun, Medical Coll of Georgia, Augusta, GA; Sarah Busch, Athersys, Inc, Cleveland, OH; Robert W Mays, AThERSYs INC, Cleveland, OH; Krishnan M Dhandapani, Medical Coll of Georgia, Augusta, GA

Poster Board Number LPB34 / Presentation Number LPB34
Cystatin C, Cognition and Brain MRI Findings in The 90+ Study
Wei Ling Lau, Mark Fisher, Dana Greenia, David Floriolo, Seyed Sajjadi, Maria Corrada, Christima Whittle, Kawsa Claudia, Annila Paganini-Hill, Univ of California, Irvine, Irvine, CA

Poster Board Number LPB35 / Presentation Number LPB35
Sirt1 Mediates Hypoxic Conditioning-induced Neuromotor Protection in Subarachnoid Hemorrhage
Deepthi Diwan, Ananth Veilamana, Jane Yuan, Sarah Zhang, Gregory J Zipfel, Washington Univ in St Louis, St Louis, MO

Poster Board Number LPB36 / Presentation Number LPB36
The Changing Patterns of Stroke Care Quality and Outcomes in China From 2007 to 2018: Findings From China National Stroke Registries
Yongjun Wang, Zixiao Li, Dept of Neurology, Beijing Tianhan Hosp, Capital Medical Univ, Beijing, China; Yong Jiang, China Nati Clinical Res Ctr for Neurological Diseases, Beijing Tianhan Hosp, Capital Medical Univ, Beijing, China; Chunjuan Wang, Dept of Neurology, Beijing Tianhan Hosp, Capital Medical Univ, Beijing, China; Xia Meng, China Natl Clinical Res Ctr for Neurological Diseases, Beijing Tianhan Hosp, Capital Medical Univ, Beijing, China; Yutong Wang, Xingquan Zhao, Dept of Neurology, Beijing Tianhan Hosp, Capital Medical Univ, Beijing, China; Hongzhao Zhang, Hao Li, China Natl Clinical Res Ctr for Neurological Diseases, Beijing Tianhan Hosp, Capital Medical Univ, Beijing, China

Poster Board Number LB38 / Presentation Number LB38
A Fully Automated Segmentation Algorithm for the Volumetric Analysis of Perihematoma Edema in Patients With Spontaneous Intracerebral Hemorrhage
Natalsha Iornsode, Simukayi Mutasa, Sachin Jambawalikar, Rami Vanguri, Angela Lignelli, Edward S Connolly, Columbia Univ, New York, NY

Poster Board Number LPB39 / Presentation Number LPB39
Integrating the COMprehensive Post-Acute Stroke Services (COMPASS) Model into Routine Care: A Qualitative Analysis
Barbara J Lutz, Alexandra E Reimold, Univ of North Carolina at Wilmington, Wilmington, NC; Sylvia W Coleman, Amy K Guzik, Laurie P Russell, Wake Forest Sch of Med, Winston-Salem, NC; Wayne D Rosamond, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Cheryl E Sunbuch, Pamela W Duncan, Sabrina B Gesell, Wake Forest Sch of Med, Winston-Salem, NC

Poster Board Number LPB40 / Presentation Number LPB40
6 Months-safety of Allogeneic Adipose-tissue Derived Mesenchymal Stem Cells in Acute Ischemic Stroke (AMASCIS): A Phase II Randomized, Double-blind, Placebo-controlled, Single-center, Pilot Clinical Trial
Blanca Fuentes, Raquel Gutiérrez-Zúñiga, María Gutiérrez-Fernández, Maria Alonso de Leciñana, Alberto Borobia, Jose C Martinez-Avila, Gerardo Ruiz-Ares, Laura Otero-Ortega, Fernando Lasa-Garcia, Maria C Gómez-de Frutos, Exupero Diez-Tejedor, La Paz Univ Hosp IdiPAZ Health Res Inst, Madrid, Spain
Poster Board Number LBP41 / Presentation Number LBP41
Stroke Version 2.0 Common Data Element Review: Updates to the National Institute of Neurological Disorders and Stroke Common Data Elements for Stroke
Damon Collie, Katelyn Gay, Robin Feldman, Muniza Sheikh, Joy Esterlitz, The Emes Corp, Rockville, MD; Jeffrey Saver, Ronald Reagan UCLA Medical Ctr, Los Angeles, CA; Steven Warach, Univ of Texas, Austin, TX; Carolina Mendoza-Puccini, Scott Janis, The Natl Inst of Neurological Disorders and Stroke, Bethesda, MD
Acute Endovascular Treatment Moderated
Poster Tour II

**Moderator:** See Mobile Meeting Guide app.

**Poster Board Number MP1 / Presentation Number TMP1**

**Time From Image Acquisition to Interventional Team Notification: A New Target for Enhancing Acute Stroke Workflow**
Kurt Yaeger, Hazem Shoairah, Akila Pui, J Mocco, Johanna T Fifi, Mount Sinai Hosp, New York, NY

**Poster Board Number MP2 / Presentation Number TMP2**

**BP Matters: In Hospital Blood Pressure Predicts Poor Outcomes Following Mechanical Thrombectomy for Large Vessel Occlusion Strokes**
David McCarthy, Mananatha Andole, Evan Luther, Nathan Paul Bryant, John Kimball, Omar Elwardany, Dallas Shienberg, Robert Starke, Miami Miller Sch of Med, Miami, FL

**Poster Board Number MP3 / Presentation Number TMP3**

**Blood Pressure Variability Within 24 Hours After Mechanical Thrombectomy Correlates With Worse Outcome**
Mohammad Anadani, Yaser Orabi, Ali Alawihe, Medical Univ of South Carolina, Charleston, SC; Nilin Goyal, Abhi Pandhi, Hunter Mitchell, Andrei Alexandrov, Univ of Tennessee Health Science Ctr, Memphis, TN; Iko L Maier, Marios-Nikos Psychogios, Jan Liman, Univ Medical Ctr Göttingen, Göttingen, Germany; Ovais Inamullah, Shrelena Rahman, Shreyansh Shah, Duke Univ Hosp, Durham, NC; James A Giles, Michelle Allen, Akash Kansal, Washington Univ Sch of Med, Saint Louis, MO; Stacey QWolf, Wake Forest Univ, Winston-Salem, NC; Peter Kan, Fábio A Nascimento, Baylor Coll of Med, Houston, TX; Mohammad Imran Chaudry, Alejandro M Spiotta, Medical Univ of South Carolina, Charleston, SC

**Poster Board Number MP4 / Presentation Number TMP4**

**TICI Chronology in ARISE II: Impact of Stepwise Reperfusion in Endovascular Therapy for Acute Ischemic Stroke**
David S Liebeskind, Neurovascular Imaging Res Core and UCLA Stroke Ctr, Los Angeles, CA; Albert J Yoo, Texas Stroke Inst, Plano, TX; Hormozd Bozorgchami, John Kimball, Omar Elwardany, Dallas Shienberg, Robert Starke, Miami Miller Sch of Med, Miami, FL

**Poster Board Number MP5 / Presentation Number TMP5**

**Social Media Campaign with Traditional Community Consultation for Successful Exception from Informed Consent Approval - the SEGA Trial Experience**
Mohammad Anadani, Yaser Orabi, Ali Alawihe, Medical Univ of South Carolina, Charleston, SC; Nilin Goyal, Abhi Pandhi, Hunter Mitchell, Andrei Alexandrov, Univ of Tennessee Health Science Ctr, Memphis, TN; Iko L Maier, Marios-Nikos Psychogios, Jan Liman, Univ Medical Ctr Göttingen, Göttingen, Germany; Ovais Inamullah, Shrelena Rahman, Shreyansh Shah, Duke Univ Hosp, Durham, NC; James A Giles, Michelle Allen, Akash Kansal, Washington Univ Sch of Med, Saint Louis, MO; Stacey QWolf, Wake Forest Univ, Winston-Salem, NC; Peter Kan, Fábio A Nascimento, Baylor Coll of Med, Houston, TX; Mohammad Imran Chaudry, Alejandro M Spiotta, Medical Univ of South Carolina, Charleston, SC

**Poster Board Number MP6 / Presentation Number TMP6**

**NIH Stroke Scale as the Primary Outcome Measure for Trials of Acute Treatment of Ischemic Stroke**
Vicky Chalos, Nadinda van der Ende, Hester F Lingsma, Maxim J Mulder, Esmee Venema, Simone A Dijkland, Albert O Berkhemmer, Erasmus MC, Rotterdam, Netherlands; Albert Yoo, Texas Stroke Inst, Dallas-Fort Worth, TX; Joseph P Broderick, Univ of Cincinnati Gardner Neuroscience Inst, Cincinnati, OH; Yuko Y Palesch, Sharon D Yeatts, Medical Univ of South Carolina, Charleston, SC; Yoo B Roos, Amsterdam UMC, Amsterdam, Netherlands; Robert J van Oostenbrugge, Wim van Zwan, MUMC+, Maastricht, Netherlands; Charles B Majoe, Amsterdam UMC, Amsterdam, Netherlands; Aad Van der Lugt, Bob Rozenbeek, Diederik W Dippel, Erasmus MC, Rotterdam, Netherlands; MR CLEAN investigators

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**Poster Board Number MP7 / Presentation Number TMP7**

**Not All mtICL 2b Are Made Equal: Balancing the Risks and Benefits of the Ideal Reperfusion Target in Endovascular Stroke Therapy**
Diogo C Haussens, Gabriel M Rodrigues, Mehdi Bouslama, Jonathan A Grossberg, Nicholas Bianchi, Samir Belagaje, Aaron Anderson, Michael Frankel, Raui G Nogueira, Emory Univ Sch of Med, Atlanta, GA

**Poster Board Number MP8 / Presentation Number TMP8**

**High Flow Normobaric Oxygen (NBO) Therapy Provides Effective Neuroprotection After Endovascular Recanalization in Acute Ischemic Stroke**
Xiaokun Geng, Zhe Cheng, Beijing Luhe Hosp, Capital Medical Univ, Beijing, China; David Dornbros III, The Ohio State Univ Wexner Medical Ctr, Columbus, OH; Huishan Du, Beijing Luhe Hosp, Capital Medical Univ, Beijing, China; Yuchuan Ding, Wayne State Univ Sch Med, Detroit, MI

**Poster Board Number MP9 / Presentation Number TMP9**

**Procedural and Functional Outcomes of ADAPT Thrombectomy for Stroke Involving Anatomical Divisions of the M2 Segment**
Ryan T Kellogg, Ali Alawihe, Alejandro M Spiotta, Medical Univ of South Carolina, Charleston, SC

**Poster Board Number MP10 / Presentation Number TMP10**

**Optimal Cerebral Protection in Cardiac and Aortic Interventions: Vascular Filters vs Balloon Occlusion**
Michael Zhadkevich, Alexei Zhadkevich, Self Regional Medical Ctr, Ninety Six, SC

**Poster Board Number MP11 / Presentation Number TMP11**

**Emergency Room Door-to-Puncture Time Since 2015: Observations From the BEST-MSU Study**
Amanda L Jagolino-Cole, Alexandra L Crap, Stephanie A Parker, Jose-Miguel Yamal, Suja S Rajan, Rihij Bowry, Sunil A Sheth, Hyunsoo Hwang, Noopur Singh, Patti Bratina, The Univ of Tennessee Health Science Ctr, Houston, TX; Tomas Bryndzov, Andrei Alexandrov, Annette W Alexandrov, Wendy Dusenbury, Victoria Swazell, The Univ of Tennessee Health Science Ctr at Memphis, Memphis, TN; William Jones, Kimberly Ackerson, The Univ of Colorado, Denver, CO; Brandi Schimpf, The Univ of Colorado Hosp, Denver, CO; Patrick Wright, The Univ of Colorado, Colorado Springs, CO; James C Grotta, Memorial Herrn Hosp, Houston, TX

**Poster Board Number MP12 / Presentation Number TMP12**

**Pre Procedure Intravenous Recombinant Tissue Plasminogen Activator (rtPA) Does Not Reduce the Risk of Distal Embolization with Mechanical Thrombectomy in Acute Ischemic Stroke: A Diffusion Weighted Magnetic Resonance Imaging (MRI) Study**
Emnah Aytac, First Univ, Elazig, Turkey; Ahmer Aziz, Zeenat Qureshi Stroke Inst, St Cloud, MN; Erdem Gurkas, SBU Guthane Training and Res Hosp, Ankara, Turkey; Humera Ahsan, Premkumar N Chandrasekaran, Brandi Schimpf, Andrew B Flowers, St Cloud, MN

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**Acute Nonendovascular Treatment Moderated**

**Poster Tour**

**SECTION 2**

**Moderator:** See Mobile Meeting Guide app.

**Poster Board Number MP13 / Presentation Number TMP13**

**NIH Stroke Scale Items Associated With Poor Outcomes in Patients ‘Too Good To Treat’ With IV Alteplase**
Syed F Ali, Thomas Hemmen, Univ California, San Diego, La Jolla, CA; Natalia Rost, Christopher Anderson, Mark Etherton, Lee H Schwamm, Massachusetts General Hosp, Boston, MA

**Poster Board Number MP14 / Presentation Number TMP14**

**Intravenous Recombinant Tissue Plasminogen Activator in Acute Ischemic Stroke Patients With Recent Myocardial Infarction**
Takuo Inohara, Li Liang, Andrzej Kosinski, Duke Clinical Res Inst, Durham, NC; Eric C Smith, Hotchkiss Brian Inst, Calgary, AB, Canada; Lee H Schwamm, Massachusetts General Hosp, Boston, MA; Adrian F Hernandez, Duke Clinical Res Inst, Durham, NC; Deepak L Bhattacharjee, Brigham and Women's Hosp Heart and Vascular Ctr, Boston, MA; Gregg C Fornarow, Ronald Reagan Univ of California, Los Angeles, CA; Erick D Peterson, Ying Xian, Duke Clinical Res Inst, Durham, NC
Poster Board Number MP33 / Presentation Number TMP33
Modulation of Receptor Protein Tyrosine Phosphatase Sigma Promotes Neuroregeneration and Functional Recovery After Ischemic Stroke
Fucheng Luo, Univ of Cincinnati, Cincinnati, OH; Jerry Silver, Case Western Reserve Univ, Cleveland, OH; Yu Luo, Univ of Cincinnati, Cincinnati, OH

Poster Board Number MP34 / Presentation Number TMP33
Identification of New Therapeutic Pathways by Transcriptome Analysis of Electrically Stimulated-Neuronal Progenitor Cells After Stroke
Byeongtaek Oh, Vishal Swaminathan, Vivek Lamm, Alexa Levinson, Paul George, Stanford Univ, Stanford, CA

Poster Board Number MP35 / Presentation Number TMP33
Perrivasular Astrocytes Alter the Basement Membrane Through TGF-Beta in an Aged Brain Post-Stroke
Michael E Maniskas, Matthew D Howe, Joseph W Furr, Yasheesve Munshi, Louise D McCullough, Akihiko Urayama, Univ of Texas HSC, Houston, TX

Poster Board Number MP36 / Presentation Number TMP33
mir-17-92 Cluster Enriched MSC Exosomes Promote Myelination and Axonal Extension Which Contribute to Increased Emg Conduction and Functional Recovery After Stroke in Rats
Hongxiu Xin, Zhongwu Liu, Benjamin Buller, Yanfeng Li, William Golembieski, Xinling Gan, Fengjie Wang, Xia Shang, Zheng Zhang, Michael Chopp, Henry Ford Health System, Detroit, MI

Clinical Rehabilitation and Recovery Moderated

SECTION 4
Poster Tour

Moderator: See Mobile Meeting Guide app.

Poster Board Number MP37 / Presentation Number TMP37
Occurrence of Myasthenia Gravis in Post Stroke Fatigue
Vivek K Numbiar, Annamma Mathai, T S Dhanya, Amrutha Ajai, Sharon Ann Georgy, K R Parvathy, Arun Harish, Sudheeran Kannoth, Amrita Inst of Medical Science, Cochin, India

Poster Board Number MP38 / Presentation Number TMP38
Dysregulated Post-Stroke Immune Response is Associated With Cerebral Volume Loss in the Contralateral Non-Ischemic Hemisphere
Serhat V Okar, Mehmet A Topcuoglu, Muge Yemisci, Kader K Oguz, Ethem M Arsava, Hacettepe Univ, Ankara, Turkey

Poster Board Number MP39 / Presentation Number TMP39
The neural and behavioral basis of Transcranial Direct Current Stimulation Gottfried Schlaug, Anant Shinde, Beth Israel Deaconess Med Ctr, Boston, MA

Poster Board Number MP40 / Presentation Number TMP40
Secondary Motor Nerve Deficit Correlates With Poorer Outcome in Acute Stroke Patients
Songjii Liao, Chongyuan Lai, Jian Yu, 1st Affiliated Hosp of Sun Yat-sen Univ, Guangzhou, China

Poster Board Number MP41 / Presentation Number TMP41
Accuracy of Self-Reported Stroke Subtype and Functional Status Information Submitted by Patients Recruited Online: The Stroke Recovery Initiative
Anthony S Kim, Karla G Zurlua, Daniel Toussaint, Emerald Wan, Mary Farrant, UC San Francisco, San Francisco, CA

Poster Board Number MP42 / Presentation Number TMP42
Younger Age and Depressive Symptoms Predict Post-Stroke Generalized Anxiety Disorder
Arunima Kapoor, Sunnybrook Health Sciences Ctr, Toronto, ON, Canada; Kevin Si, Univ of Toronto, Toronto, ON, Canada; Nathan Herrmann, Krista L Lantcrt, Brian J Murray, Richard H Swartz, Sunnybrook Health Sciences Ctr, Toronto, ON, Canada

Poster Board Number MP43 / Presentation Number TMP43
Fluoxetine May Enhance Visual Recovery After Acute Ischemic Stroke by Cortical Remapping of the Blind Visual Field
Colleen L Schneider, Ania Busza, Emily K Prentiss, Zoe R Williams, Univ of Rochester, Rochester, NY; Bradford Z Mahon, Carnegie Mellon Univ, Pittsburgh, PA; Bogachan Sahin, Univ of Rochester, Rochester, NY

SECTION 5
Poster Tour II

Moderator: See Mobile Meeting Guide app.

Poster Board Number MP44 / Presentation Number TMP44
Gender and Race/ethnic Disparities in Psychotropic Medication Prescription at Discharge Among TIA and Mild/moderate Stroke Patients in the Discharge Educational Strategies for Reduction of Vascular Events (DESERVE) Study

Poster Board Number MP45 / Presentation Number TMP45
Association of Late Functional Improvement With 5-Year Post-stroke Outcomes: A Population-based Cohort Study
Aravind Ganesh, Ramon Luengo-Fernandez, Peter M Rothwell, Univ of Oxford, Oxford, United Kingdom; Oxford Vascular Study

Poster Board Number MP46 / Presentation Number TMP46
EEG is a Useful Biomarker of Motor Recovery in Early Stroke Rehabilitation
Jessica M Cassidy, Kiranjot Kaur, Ashley K Masuda, Ramesh Srinivasan, Steven C Cramer, Univ California Irvine, Irvine, CA

Poster Board Number MP47 / Presentation Number TMP47
Sleep and Endocrine Disturbances Are Associated With Poorer Outcomes During the Post-Acute Phase of Stroke Recovery
Stefanie N Howell, Stephanie E Robinson, Ctr for Neuro Skills, Irving, TX; Grace S Griesbach, Ctr for Neuro Skills, Encino, CA

Poster Board Number MP48 / Presentation Number TMP48
Understanding Optimal Dosage Frequency and Patient Engagement on Improving Outcomes Using Digital Therapy
Swethi Kiran, Kyle Gerst, Emily Dubas, The Learning Corp, Newton, MA

Poster Board Number MP49 / Presentation Number TMP49
Increasing Prevalence of Cerebrovascular Risk Factors in Native Americans With Ischemic Stroke
Dinesh V Jillella, Ken Uchino, Cleveland Clinic, Cleveland, OH; Lauren Hatcher, Univ of New Mexico, Albuquerque, NM; Caity Vigil, Harvard Coll, Boston, MA; Andrew Lin, Asad Iram, Mudassir Farooqui, Syed Quadri, Atif Zafar, Univ of New Mexico, Albuquerque, NM

Poster Board Number MP50 / Presentation Number TMP50
Racial Differences in Mechanical Thrombectomy Among Patients With Ischemic Stroke
Charles Esenwa, Albert Einstein Coll of Med, Bronx, NY; Alain Lekoubou, Kirfe Bishu, Medical Univ of South Carolina, Charleston, SC; Bruce Ovbiagele, Univ of California San Francisco, San Francisco, CA

Poster Board Number MP51 / Presentation Number TMP51
Pre-existing Atherosclerotic Risk Factors Increase Short-Term Ischemic Stroke Risk After Traumatic Head or Neck Injury
Helayne R Feferman, Heather J Fullerton, Adam Numis, Nancy K Hills, Univ of California San Francisco, San Francisco, CA; David R Vinson, Kaiser Permanente Sacramento Medical Ctr, Sacramento, CA; Stephen Sidney, Kaiser Permanente Northern California, Oakland, CA; Christine K Fox, Univ of California San Francisco, San Francisco, CA

Poster Board Number MP52 / Presentation Number TMP52
Basilar Artery Tortuosity and Elongation and Risk of Ischemic Stroke and Death: The Northern Manhattan Study
Setareh Salehi Omran, Mitchell S Elkind, Dept of Neurology, Vagelos Coll of Physicians and Surgeons, Columbia Univ Medical Coll, New York, NY; Noam Alperin, Dept of Radiology, Univ of Miami, Miami, FL; Ahmet Bagci, Dept of Radiology, Univ of Miami, Miami, FL; Daysi Guerrero, Dept of Neurology, Vagelos Coll of Physicians and Surgeons, Columbia Univ Medical Coll, New York, NY; Tatjana Rundek, Rahul L Sacco, Clinton B Wright, Dept of Neurology, Univ of Miami, Miami, FL; Jose Gutierrez, Dept of Neurology, Vagelos Coll of Physicians and Surgeons, Columbia Univ Medical Coll, New York, NY
Abdominal Obesity Predicts Stroke Risk in the Framingham Study

Hugo J Aparicio, Boston Univ Sch of Med, Boston, MA; Serkalem Demissie, Boston Univ Sch of Public Health, Boston, MA; Jayandara J Jhimal, Boston Univ Sch of Med, Boston, MA; Matthew P Pase, The Univ of Melbourne, Melbourne, Australia; Claudia L Salizabal, Univ of Texas Health Sciences Ctr; San Antonio, TX; Kimberly A Dukes, Boston Univ Sch of Med, Boston, MA; Vasileios-Artemios Lissutis, Beth Israel Deaconess Medical Ctr; Boston, MA; Jose R Romero, Ramachandran S Vasan, Boston Univ Sch of Med, Boston, MA; Alexis S Beiser, Boston Univ Sch of Public Health, Boston, MA; Sudha Seshadri, Univ of Texas Health Sciences Ctr, San Antonio, TX

Are Depressed Stroke Survivors Less Likely to Be Adherent to Secondary Prevention Therapies?

William P Neil, Southern California Permanente Medical Group, San Diego, CA; Raoul J Burchette, Southern California Permanente Medical Group, Pasadena, CA; Christyyn E Shikaki, Southern California Permanente Medical Group, San Diego, CA; Bruce Ovbiagele, Univ of California San Francisco, San Francisco, CA

Racial Disparities in Recurrent Stroke Rates: Preliminary Results From the Greater Cincinnati/Black/White/Non-Hispanic Kentucky Population in 2015

Dawn O Kleindorfer, Univ of Cincinnati, Cincinnati, OH; Heidi Sucharew, Cincinnati Children’s Hosp Medical Ctr, Cincinnati, OH; Kathleen Alwell, Charles J Moormaw, Daniel Wo, Simona Ferroli, Matthew L Fishbeyr, Pooya Khatri, Simona Ferroli, Univ of Cincinnati, Cincinnati, OH; Jason Mackey, Indian Univ, Indianapolis, IN; Felipe De Los Rios La Rosas, Univ of Cincinnati, Cincinnati; Stacie Demel, Michigan State Univ, East Lansing, MI; Adam Jazne, Yale Univ, New Haven, CT; Kyle Walsh, Univ of Cincinnati, Cincinnati, OH; Michael Star, Soroka Medical Ctr, Beersheva, Israel; Sabreena Slavin, Univ of Kansas, Kansas City, KS; Brett M Kissela, Univ of Cincinnati, Cincinnati, OH


Dawn O Kleindorfer, Kathleen Alwell, Univ of Cincinnati, Cincinnati, OH; Jane Khoury, Cincinnati Children’s Hosp Medical Ctr, Cincinnati, OH; Charles Moormaw, Daniel Wo, Opalene Adleyo, Mark Fishbeyr, Pooya Khatri, Simona Ferroli, Univ of Cincinnati, Cincinnati, OH; Stacie Demel, Michigan State Univ, East Lansing, MI; Michael Star, Soroka Medical Ctr, Beersheva, Israel; Felipe De Los Rios La Rosas, Yale Walsh, Univ of Cincinnati, Cincinnati, OH; Sharyn Martini, Michael D DeBaaleky VA Medical Ctr, Houston, TX; Jason Mackey, Indian Univ, Indianapolis, IN; Adam Jazne, Yale Univ, New Haven, CT; Sabreena Slavin, Univ of Kansas, Kansas City, KS; Joseph P Broderick, Brett M Kissela, Univ of Cincinnati, Cincinnati, OH

Recent Trends of Stroke Characteristics and Treatment in Korea: Data From Korean Stroke Registry

Han-Young Jeong, Keun-Hwa Jun, Heejung Mo, Chan-Hyuck Lee, Tae Jung Kim, Seoul Natl Univ Hosp, Seoul, Korea, Republic of; Chi Kyung Kim, Seoul Univ Guro Hosp and Seoul Univ Coll of Med, Seoul, Korea, Republic of; Beom Joon Kim, Seoul Natl Univ Bundang Hosp, Seongnam, Korea, Republic of; Joon-Tae Kim, Chonnam Natl Univ Medical Sch and Hosp, Gwangju, Korea, Republic of; Jinkwon Kim, CHA Bundang Medical Ctr, CHA Univ, Seongnam, Korea, Republic of; Woon-Keun Seo, Samsung Medical Ctr, Seoul, Korea, Republic of; Mi Sun Oh, Hahm University Sacred Heart Hosp, Anyang, Korea, Republic of; Jun Lee, Yeungnam Univ Hosp, Daegu, Korea, Republic of; Ji Sung Lee, Asan Medical Ctr, Seoul, Korea, Republic of; Jae-Wan Cha, Dong-A Univ Coll of Med, Busan, Korea, Republic of; Jong-Moo Park, Eulji General Hosp, Eulji Univ, Seoul, Korea, Republic of; Byang-Woo Yoon, Seoul Natl Univ Hosp, Seoul, Korea, Republic of

Trends in Neurophysiologic Intraoperative Monitoring and Occurrence of Compromise at the Time of Hospitalization for Carotid Endarterectomy

Daniel Vela-Duarte, Univ of Colorado Denver, Aurora, CO; Alain Lekkoubou, Kinfe G Bishu, Medical Univ Of South Carolina, Charleston, SC; Bruce Ovbiagele, Univ of California San Francisco, San Francisco, CA

Emergency Care/Systems Moderated

Enrolling Stroke Patients in Prehospital Research During Late Night and Early Morning Times

Kristina Shikirka, Krista Lamorie-Boote, Michelle Comor, Arati Patel, Qinghai Liu, Todd E Morgan, Constantinos Soutas, Caleb Finch, William Mack, Univ of Southern California, Los Angeles, CA

Emergency Triage to Predict Collaterals in Acute Ischemic Stroke: Imaging Bests Clinical Factors in the STRATIS Registry

David S Liebeskind, Neurovascular Imaging Res Core and UCLA Stroke Ctr, Los Angeles, CA; Nils H Mueller-Kronast, Delray Medical Ctr;Tenten South Florida, Delray Beach, FL; M Ali Aziz-Sultan, Brigham and Women’s Hosp, Boston, MA; Michael T Froehliger, Vanderbilt Univ Medical Ctr, Nashville, TN; Richard P Klucznik, Methodist Hosp, Houston, TX; Jeffrey L Saver, UCLA, Los Angeles, CA; Nerses Sanossian, Univ of Southern California, Los Angeles, CA; Osman A Zaidat, Mercy St Vincent Hosp, Toledo, OH; Frank R Hellingr, Jr, Florida Hosp, Orlando, FL; Dileep R Yayagal, Univ of Miami/ Jackson Memorial Hosp, Miami, FL; Tom L Yao, Norcon Stroke Science Inst, Louisville, KY; Kyle G Nogueira, Emory Univ Sch of Med / Grady Memorial Hosp, Atlanta, GA; Reza Jahang, UCLA, Los Angeles, CA; Diogo C Haussen, Emory Univ Sch of Med / Grady Memorial Hosp, Atlanta, GA; for the STRATIS Investigators

Patient Perceptions of Remotely Delivered Acute Stroke Care

Michael J Lyerly, Univ Alabama at Birmingham, Birmingham, AL; Holly A Martin, Laurie Plinie, Indianapolis VAMC, Indianapolis, IN; Jane Anderson, Houston VAMC, Houston, TX; Teresa Damush, Indianapolis VAMC, Indianapolis, IN; Glenn D Graham, San Francisco VAMC, San Francisco, CA; Sharyl Martini, Houston VAMC, Houston, TX; Linda S Williams, Indianapolis VAMC, Indianapolis, IN

MRI-Based Intravenous Thrombolytic Therapy in Acute Ischemic Stroke Patients Presenting With a Low NIHSS

Shahram Majidi, Marie Luby, Annie Hisa, Richard Benson, Chandni Kalaria, John Lynch, Zuzab Nadareshvili, Lawrence Latour, Richard Leigh, NIH, Bethesda, MD

Redefining Stroke Transport Patterns Using the SNOW Scale for Large Vessel Obstruction

Sarah Erpenbeck, Kessarin Panichpibul, Paul Vilar, Aurora Neuroscience Innovation Inst, Milwaukee, WI; Maheshwar Nair, Rajendra Prasad, University Hospital, Milwaukee, WI; Richard A Rovin, Aurora Neuroscience Innovation Inst, Milwaukee, WI

Prehospital Screening for Large Vessel Occlusion and Bypass to Endovascular Treatment (ACT-FAST) Algorithm for Endovascular Thrombectomy

Henry Zhao, Royal Melbourne Hosp, Melbourne, Australia; Karen Smith, Stephen Bernard, Ambulance Victoria, Melbourne, Australia; Michael Stephenson, Mark Parsons, Nawaaf Yassi, Stephen M Davis, Bruce C Campbell, Royal Melbourne Hosp, Melbourne, Australia

Prehospital Screening for Large Vessel Occlusion and Bypass to Endovascular Stroke Centers: Using the Ambulance Clinical Triage for Acute Stroke Treatment Scale With Adaptation From DAWN and DEFUSE-3 Trials

Kyle L Ogle, Alton Memorial Hosp, Alton, IL

Prehospital Stroke Transport Patterns Using the SNOW Scale for Large Vessel Obstruction

Sarah Erpenbeck, Kessarin Panichpibul, Paul Vilar, Aurora Neuroscience Innovation Inst, Milwaukee, WI; Maheshwar Nair, Rajendra Prasad, University Hospital, Milwaukee, WI; Richard A Rovin, Aurora Neuroscience Innovation Inst, Milwaukee, WI

The Use of Oral Anticoagulants in Patients With Atrial Fibrillation in the Emergency Department

Hope Hua, Nicole Sur, Junwong A Choi, Sai P Polini, Univ of Miami Miller Sch of Med, Miami, FL; Lilly C Lee, Jackson Memorial Hosp, Miami, FL; Seemant Chaturvedi, Univ of Miami Miller Sch of Med, Miami, FL
SECTION 8
Moderator: See Mobile Meeting Guide app.

Poster Board Number MP85 / Presentation Number TMP85
Optimizing Mean Arterial Pressure in Acutely Comatose Patients Using Cerebral Autoregulation Multimodal Monitoring With Near-Infrared Spectroscopy
Lucia Rivera Lara, Romerygoyo Geocadin, Andres Zorrilla-Vaca, Ryan J Healy, Caitlin Palmisano, Batya Radzik, Marek Mirski, Mirinda Anderson White, Jose Suarez, Charles Brown, John Hopkins Univ, Baltimore, MD; Charles W Hogue, Northwestern Univ Feinberg, Chicago, IL; Wendy Ziai, Johns Hopkins Univ, Baltimore, MD

Poster Board Number MP86 / Presentation Number TMP86
Improved Outcomes After Mechanical Thrombectomy for In-Hospital Strokes
Jasmina Ehab, Univ of South Florida, Tampa, FL; Abdelrahman Beltagy, Providence Spokane Neuroscience Inst, Spokane, WA; Nicholas Hilker, Nicole Slye, Henian Chen, William Scott Burgin, David Z Rose, S韦thna Renati, Univ of South Florida, Tampa, FL

Poster Board Number MP87 / Presentation Number TMP87
Beat-to-beat Blood Pressure Accurately Predicts Subsequent Arm Cuff Blood Pressure Variability in Acute Ischemic Stroke Patients
Ko-Ho Wong, Kinya Aitken, Crysta Neate, Adam de Havenon, Univ of Utah, Salt Lake City, UT

Poster Board Number MP88 / Presentation Number TMP88
Prevalence of Right-to-left Cardiac Shunt in the Greek Population is High and Impacts on the Interpretation of the Risk of Paradoxical Embolism (RoPE) Score
Ioanna Koutoulou, Aristotle Univ of Thessaloniki, Thessaloniki, Greece; George Tasigoulis, NAPodistrian Univ of Athens, Athens, Greece; Dimitrios Tsalikakis, Univ of Western Macedonia, Kozani, Greece; Dimitrios Karacostas, Nikolaos Grigoriadis, Theodoros Karapanyiotides, Aristotle Univ of Thessaloniki, Thessaloniki, Greece

Poster Board Number MP89 / Presentation Number TMP89
The Effectiveness of Antiplatelet Regimens on Neuralgical Function and Stroke Recurrence in Ischemic Stroke Patients
Habin Dai, Dept of Pharmacy, Second Affiliated Hosp, Zhejiang Univ Sch of Med, Hangzhou, China

Poster Board Number MP90 / Presentation Number TMP90
Advances in Treatment of Central Retinal Artery Occlusion: Potential Efficacy of Systemic Fibriolysis
Matthew Schrag, Patrick Levin, Vanderbilt Univ, Nashville, TN; Teddy Youn, Univ of Florida, Jacksonville, FL; Howard Kirshner, Vanderbilt Univ, Nashville, TN; Brian Mac Grory, Brown University, Providence, RI; David Greer, Boston Univ, Boston, MA

Poster Board Number MP91 / Presentation Number TMP91
Increased Blood Pressure Variability in the SPS3 Trial is Associated With Recurrent Stroke
Adam de Havenon, Univ of Utah, Salt Lake City, UT; David Tirschwell, Univ of Washington, Seattle, WA; Greg Stoddard, Jennifer Majersik, Univ of Utah, Salt Lake City, UT; Natalia Rost, Massachusetts General Hospital, Boston, MA

Poster Board Number MP92 / Presentation Number TMP92
Plagiotlaza for Secondary Stroke Prevention in Pre-diabetes: Implications for Real-world Practice
J David Spence, Western Univ Robarts Res Inst, London, ON, Canada; Catherine Viscoli, Yale Univ Medical Ctr, New Haven, CT; Jennifer Dearborn-Tomazos, Yale Univ Sch of Med, New Haven, CT; Karen Furie, Harvard Medical Sch, Boston, MA; Gary Ford, Newcastle Univ, Newcastle, United Kingdom; Lawrence Young, Yale Univ Sch of Med, New Haven, CT; Silvio Inzucchi, Yale Univ Sch of Med, New Haven, CT; Mark Gorman, Maine Medical Ctr, Portland, ME; Anne Lovejoy, Walter Kerman, Yale Univ Sch of Med, New Haven, CT

Poster Board Number MP93 / Presentation Number TMP93
Comparative Occurrence of Ischemic Stroke with Rhythm versus Rate Control Strategy in a National Prospective Cohort of Atrial Fibrillation
Ki-wong Kang, Jae Guk Kim, Euiju Univ Hosp, Daejeon, Korea, Republic of; Young Soo Lee, Catholic Hosp, Daegu, Korea, Republic of; Eue-Keun Choi, Myung-Jin Cha, Seoul Natl Univ, Seoul, Korea, Republic of; Jung-Myung Lee, Jin-Bae Kim, KyungHee Univ, Seoul, Korea, Republic of; Junbeom Park, Ewha Univ, Seoul, Korea, Republic of; Jinkyu Park, Hanyang Univ, Seoul, Korea, Republic of; Tae-Hoon Kim, Jae-Sun Uhm, Yonsei Univ, Seoul, Korea, Republic of; Jaemin Shim, Korea Univ, Seoul, Korea, Republic of; Jun Kim, Asan Hosp, Seoul, Korea, Republic of; HyungWook Park, Chonnam Natl Univ, Kwangju, Korea, Republic of; Changsoo Kim, Boyoung Jyoung, Yonsei Univ, Seoul, Korea, Republic of

Poster Board Number MP94 / Presentation Number TMP94
Oxidized Low-Density Lipoprotein and Low-Density Lipoprotein Have Combined Utility in Predicting Outcomes of Minor Stroke and TIA
Anxin Wang, Liye Dai, Nan Zhang, Xia Meng, Jinxi Lin, Dept of Neurology, Beijing Tiantan Hosp, Capital Medical Univ, Beijing, China; Beijing, China; Yingting Zhuo, Hao Li, Dept of Neurology, Beijing Tiantan Hosp, Capital Medical Univ, Beijing, China; Beijing, China; Yijing Wang, Yongjun Wang, Dept of Neurology, Beijing Tiantan Hosp, Capital Medical Univ, Beijing, China, Beijing, China

Poster Board Number MP95 / Presentation Number TMP95
Patients With Stroke Are Not Meeting American Heart Association Secondary Prevention Recommendations
Paul M Nulanda, Tabitha M Muuta, Univ of Kansas Sch of Med-Wichita, Wichita, KS

Poster Board Number MP96 / Presentation Number TMP96
Carotid Plaque Characteristics Correlated to Baseline Vascular Risk Factors in a Large Randomized Trial: Results from CREST-2
Brajesh K Lal, Univ of Maryland VA, Baltimore, MD; Matthew Chenrick, Univ of Maryland Medical System, Baltimore, MD; Amir Khan, George Mason Univ, Fairfax, VA; Michael Jones, Baptist Health Lexington, Lexington, KY; John Huston III, Mayo Clinic Rochester, Rochester, MN; Charles Sternberg III, Ochsner Health System, New Orleans, LA; Joseph Rapp, San Francisco VA Medical Ctr, San Francisco, CA; Dipankar Mukherjea, Inova Fairfax Healthcare, Falls Church, VA; Peter Henke, VA Ann Harbor Healthcare System, Ann Arbor, MI; John Yokemick, Univ of Maryland VA, Baltimore, MD; Wesley Moore, Univ of California at Los Angeles, Los Angeles, CA; Siddhartha Siddkar, George Mason Univ, Fairfax, VA; Jenifer Voeke, Medical Univ of South Carolina, Charleston, SC; George Howard, Univ of Alabama at Birmingham, Birmingham, AL; James F Meschia, Thomas G Brott, Mayo Clinic Florida, Jacksonville, FL

Vascular Biology in Health and Disease

Poster Board Number MP97 / Presentation Number TMP97
Impact of Intima Media Thickness on Stroke Recurrence in Patients With Transient Ischemic Attack
Takahiro Kawashiri, Natl Hosp Organization Kyushu Medical Ctr, Fukuoka, Japan; Takayuki Yamashiro, Univ of the Ryukyu Sch of Med, Okinawa, Japan; Kota Mori, Yukihisa Furumizu, Keisuke Tokunaga, Seiji Gotoh, Masahiro Yasaki, Yasushi Okada, Natl Hosp Organization Kyushu Medical Ctr, Fukuoka, Japan

Poster Board Number MP98 / Presentation Number TMP98
A New Class of Precision Oral Anticoagulants (proacs) That Mostly Preserves Platelet Activity in vitro and in vivo
Mohammad Sivaraja, Daniel Clemens, Sivan Sizikov, Chengpei Xu, Bo Yang, Lev Igoudin, Madhuri Chattopadhyay, Tamari Kirtadze, Stephanie Chang, Angela Estiarte, Kevin Short, Timothy Shiau, David Williams, Anirban Datta, David Kita, Vereseon, Fremont, CA

Poster Board Number MP99 / Presentation Number TMP99
Hypoechogenicity, Ulceration and Presence of Debris in Carotid Plaques Are Associated With Higher Prevalence of Silent Brain Ischemic Lesions (SBIL) in Patients With Carotid Atheromatosis
Pedro E Colla Machado, Natalia R Ballan, Clarisa Cea, Ariel A Luzzi, Maria C Zurr, Hosp Italiano de Buenos Aires, Buenos Aires, Argentina

Poster Board Number MP100 / Presentation Number TMP100
Relationship Between RNF213 pr4810K (c14429G>A) Variant and Anatomical Variations of the Circle of Willis
Futoshi Eto, Takeshi Yoshimoto, Shuhei Okazaki, Kazuki Fukuma, Satoshi Saito, Kazuo Washida, Masatoshi Koga, Kazunori Toyoda, Masafumi Ibara, Nati Cerebral and Cardiovascular Ctr, Saita, Japan

Poster Board Number MP101 / Presentation Number TMP101
Loss of Laminin-α5 From Mural Cells Attenuates Ischemia-reperfusion Injury
Abyjith Nirwane, Benjamin Nguyen, Univ of Georgia, Athens, GA; Jeffrey Miner, Washington Univ, St Louis, MO; Yao Yao, Univ of Georgia, Athens, GA

Poster Board Number MP102 / Presentation Number TMP102
Relationship Between Parent Brain Large Arteries and Their Penetrating Arterial Offspring
Jose Gullerrez, Columbia Univ Medical Ctr, New York, NY; Susan Morgello, Mount Sinai Sch of Med, New York, NY; Andrew Dwork, Adam Brickman, Jay P Mohr, Mitchell S Elkind, Randolph Marshall, Columbia Univ Medical Ctr, New York, NY
Moderator: See Mobile Meeting Guide app.

Poster Board Number MP109 / Presentation Number TMP109
Loss of Gray-White Contrast in Cerebral Amyloid Angiopathy: An in-vivo and Ex-Vivo Exploratory Approach
Panagiotis Fotiadis, Susanne van Veluw, David Salat, Andrew Warren, Sarah Grill, Michael Markl, Susanne Schnell, Northwestern Univ, Chicago, IL; Michael Potts, Michael Hurley, Northwestern Univ, Chicago, IL; Tord Alden, Lurie Children’s Hospital, Illinois, IL;leslie Morrison, Myranda Robinson, Adil Zafar, Univ of New Mexico, Albuquerque, NM; Alan Tang, Patricia Mericko-Ishizuka, Univ of Pennsylvania, Philadelphia, PA; Jack A Gilbert, Univ of Chicago, Chicago, IL; Helen Kim, Univ of California, San Francisco, San Francisco, CA; Mark Kahn, Univ of Pennsylvania, Philadelphia, PA; Issam A Awad, Univ of Chicago, Chicago, IL

Poster Board Number MP108 / Presentation Number TMP108
Evaluation of Cerebral Arteriovenous Malformations using Flow Distribution Network Graphs and Dual-VENC 4D Flow MRI
Maria Aristova, Alireza Vali, Sameer Ansari, Ali Shaibani, Babak Jahromi, Matthew Pols, Michael Hurley, Northwestern Univ, Chicago, IL; Tord Aiden, Lurie Children’s Hosp, Chicago, IL; Michael Markl, Susanne Schnell, Northwestern Univ, Chicago, IL

Vascular Cognitive Impairment
Moderated Poster Tour

SECTION 10

Moderator: See Mobile Meeting Guide app.

Poster Board Number MP108 / Presentation Number TMP108
Loss of Gray-White Contrast in Cerebral Amyloid Angiopathy: An in-vivo and Ex-Vivo Exploratory Approach
Panagiotis Fotiadis, Susanne van Veluw, David Salat, Andrew Warren, Sarah Grill, Kristin Schwab, Lilla Zolli, Anand Viswanathan, M Edip Gurrol, Steven M Greenberg, Massachusetts General Hosp, Boston, MA

Poster Board Number MP110 / Presentation Number TMP110
Design of the BP-COG Study of Blood Pressure Over the Life Course and Later-Life Cognition in Blacks, Hispanics, and Whites: A Pooled Cohort Analysis of ARIC, CARDIA, CHS, FOS, MESA, and NOMAS
Deborah A Levine, Univ of Michigan, Ann Arbor, MI; Aiden L Gross, Johns Hopkins Univ, Baltimore, MD; Emily M Bricia, Dolorence Okulo, Stephanie Hingtgen, Andrezj T Galecki, Bruno J Giordani, Jeremy B Sussman, Rodney A Hayward, James F Burke, Mohammed Kabele, Univ of Michigan, Ann Arbor, MI; Jennifer J Manly, Mitchell SV Elkind, Columbia Univ, New York, NY; Erin Kilic, Brown Univ, Providence, RI; Rebecca F Gottleman, Johns Hopkins Univ, Baltimore, MD; Yuchiho Yano, Duke Univ, Durham, NC; Darrell J Gaskin, Johns Hopkins Univ, Baltimore, MD; Stephen Sidney, Kaiser Permanente, Oakland, CA; Veronique L Roger, Mayo Clinic, Rochester, MN; Norrina Bai Allen, Northwestern Univ, Chicago, IL; Mary A M Rogers, Univ of Michigan, Ann Arbor, MI

Poster Board Number MP111 / Presentation Number TMP111
Prediction of Cognitive Impairment after Intracranial Hemorrhage using MRI
Marco Pasi, Massachusetts General Hosp, Boston, MA; Lansing Sugita, Univ of Hawaii, Manoa, HI; Li Xiong, Andreas Chandridou, Massachusetts General Hosp, Boston, MA; Gregero d’Oubois, Univ Paris-Descartes, Paris, France; Thanakit Pongpitsanmeth, Sanjiva Singha, Christina Kourkoulis, Kristin Schwab, Steven M Greenberg, Christopher Anderson, M Edip Gurrol, Jonathan Rosand, Anand Viswanathan, Alessandro Biti, Massachusetts General Hosp, Boston, MA

Poster Board Number MP112 / Presentation Number TMP112
Evidence of Diffuse Cortical Vascular Dysfunction in Patients With White Matter Hyperintensities
Julien Poublanc, Adrian Crawley, Larissa Mcketton, Kevin Sam, Univ Health Network, Toronto, ON, Canada; David J Mikulis, Univ Health Network and the Univ of Toronto, Toronto, ON, Canada

Poster Board Number MP113 / Presentation Number TMP113
Vascular Dementia Amongst Patients Included in the National Inpatient Sample Database 2006-2014 is not on the Decline

Poster Board Number MP114 / Presentation Number TMP114
Exploring the Role of Cognitive Function in Secondary Stroke Prevention: Evidence from the Discharge Educational Strategies for Reduction of Vascular Events (DESERVE) Study
Bertina Kudrin, Emily Goldmann, Eric T Roberts, Nina S Parikh, Noa Appleton, Bernadette Boden-Albala, New York Univ, New York, NY

Poster Board Number MP115 / Presentation Number TMP115
Cardiol Atherosclerosis Progression and Hippocampal Volume
Jose Rafael Romero, Boston Univ Sch of Med, Boston, MA; Serafalem Demissie, Alexa Beiser, Boston Univ Sch of Public Health Boston Univ Medical Campus, Boston, MA; Charles DeCarli, Univ of California at Davis, Sacramento, CA; Hediyeh Baradar, Univ of Utah, Salt Lake City, UT; Joseph F Polak, Tufts Univ Sch of Med, Boston, MA; Vasan Ramachandran, Sudha Seshadri, Boston Univ Sch of Med, Boston, MA

Poster Board Number MP116 / Presentation Number TMP116
Higher Lipoprotein(a) is a Risk Factor for Cognitive Impairment in Black but Not White Americans: The Reasons for Geographic and Racial Differences in Stroke (REGARDS) Cohort
Mary Cushman, Univ of Vermont, Colchester, VT; Peter W Callas, Univ of Vermont, Burlington, VT; Jennifer J Manly, Columbia Univ, New York, NY; Neil A Zakai, Univ of Vermont, Colchester, VT; Fred Unverzagt, Indiana Univ, Indianapolis, IN; Virginia Wadley, Univ of Alabama at Birmingham, Birmingham, AL; Leslie A McClure, Dreixel Univ, Philadelphia, PA

Poster Board Number MP117 / Presentation Number TMP117
Relationship of Cerebral White Matter Hyperintensity Progression and Leukocyte Activation
Glen Jickling, Bradley P Arnder, Xinhu Zhan, Boryana Stamova, Heather Hull, Charlie DeCarli, Frank R Sharp, Univ of California Davis, Sacramento, CA

Poster Board Number MP118 / Presentation Number TMP118
The Gut Microbiota Can Protect Against the Onset of Symptoms in an Animal Model of Cerebral Small Vessel Disease
Robert M Bryant Jr, James W Nelson, Bojun Zhang, David J Dugar, Baylor Coll Med, Houston, TX

Poster Board Number MP120 / Presentation Number TMP120
Sildenafil Treatment of Vascular Dementia in Aged Rats
Alex Zacharek, Poomrnda Venkat, Michael Chopp, Julie Landschoot-Ward, Jieli Chen, Henry Ford Hosp, Detroit, MI
Poster Board Number P20 / Presentation Number TP20
Computed Tomography Perfusion Cerebral Blood Flow < 30% of ≥ 70cc Predicts Poor Functional Outcome in Early Window Endovascular Therapy Despite Favorable ASPECTS Score
Poster Board Number P21 / Presentation Number TP21
Did evolution of Evidence Based Stroke Thrombectomy treatment change Efficiency across Stroke Systems of Care?
Ashish Kulhari, Spozhmy Parvezai, Sara Shinna, Audrey Arango, Hemal Patel, Siddhart Mehta, HMH JFK Medical Ctr, Edison, NJ; Jawad F Kirmaci, HMH JFK Medical Ctr, Holmdel, NJ
Poster Board Number P22 / Presentation Number TP22
A Comparison of Clinical Outcomes Among Patients Receiving Mechanical Thrombectomies and ICA
Stephanie Lei, Matthew Cowperthwaite, Abigail Owumua, Zoltan Nadasdy, ST. David's Medical Ctr, Austin, TX; Max Shpak, Sarah Cannon Res Inst, Austin, TX
Poster Board Number P23 / Presentation Number TP23
The Impact of Procedure Time on Clinical Outcome in Endovascular Treatment for Acute Ischemic Stroke
Yukiko Enomoto, Gifu Univ, Gifu, Japan; Shinichi Yoshishima, Hyogo Coll of Med, Nishinomiya, Japan; Nobuyuki Sakai, Kobe City Medical Ctr General Hosp, Kobe, Japan; Hiroshi Yamagami, NaF Cerebral and Cardiovascular Ctr, Suta, Japan; Rescue-Japan Registry 2 investigators
Poster Board Number P24 / Presentation Number TP24
Impact of Pretreatment With Intravenous Thrombolysis on Reperfusion Status in Emergent Large Vessel Occlusion (ELVO) Patients Treated With Mechanical Thrombectomy (MT)
Nitin Goyal, Georgios Tsivgouilis, Abhi Pandhi, Rashi Krishnan, UTHSC, Memphis, TN; Konark Malhotra, West Virginia Univ-Charleston Div, Charleston, WV; Muhammad Ishfaq, Balaji Krishnan, Christopher Nicolele, Violiza Inoa, Daniel Holt, Lucas Eliovich, Anne Alexndrov, Andrei Alexndrov, Adam Arthur, UTHSC, Memphis, TN
Poster Board Number P25 / Presentation Number TP25
Features of Patients With Stroke Receiving Intracranial Balloon Angioplasty for Secondary Performance in Comparison to Rescue Recanalization
Sai Toshi, Dept of Neurology and Stroke Treatment, Kyoto First Red Cross Hosp, Kyoto, Japan; Imai Kaisuke, Hamanaka Masashi, Itsukage Masahiro, Tsutos Kawasaki, Yamamoto Atsushi, Ioku Tetsuya, Cho Masanori, Menjo Kanako, Dept of Neurology and Stroke Treatment, Kyoto First Red Cross Hosp, Kyoto, Japan; Yamazaki Hidekazu, Dept of Neurology and Cerebrovascular Treatment, Yokohama Shintoshi Neurosurgical Hosp, Yokohama, Japan
Poster Board Number P26 / Presentation Number TP26
Benefit of Endovascular Therapy Across Clinical Trial Design and Technique: A Single Center Pooled Analysis
Ashutosh P. Jadhav, Shashwat Desai, UPMC Stroke Inst, Pittsburgh, PA; Ruchira Jha, Univ of Pittsburgh, Pittsburgh, PA; Tudor Jovin, UPMC Stroke Inst, Pittsburgh, PA
Poster Board Number P27 / Presentation Number TP27
Aspiration Success With Adapt Technique: Rate, Predictors, and Outcome
Mohammad Anadani, Ali Alawi, Aquilla S Turk III, Mohammad I Chaudry, Jan Vargas Machaj, Raymond D Turner IV, Alejandro M Spiotta, Medical Univ of South Carolina, Charleston, SC
Poster Board Number P28 / Presentation Number TP28
Recurrent Thrombectomy in Patients With Prior Mechanical Endovascular Revascularization: A Single Center Experience
Ghada A Mohamed, Khadeja Arshad, Muhammad Affan, Owais Alsrouji, Daniel Miller, Max Kule, Mariam Horia, Henry Ford Hosp, Detroit, MI
Poster Board Number P29 / Presentation Number TP29
Complete Occlusion is Associated With Lower Recanalization Rate in Patients With Acute Stroke With Tandem Lesion Treated With Thrombectomy
Mohammad Anadani, Alejandro Spiotta, Medical Univ of South Carolina, Charleston, SC; Michel Pietin, Hôpital de la Fondation Ophthamologique Adolphe de Rothschild, Paris, France; Francis Turjaman, Hospices Civils de Lyon, Lyon, France; Henrik Steglic-Arhmkus, Markus Holtmannspötter, Markus Holtmannspötter, Rigshospitalet, Copenhagen, Denmark; Christian Taschner, Sebastian Edlen, Medical Ctr-Univ of Freiburg, Freiburg, Germany; Diogo C Haussen, Emory Univ Sch of Med, Atlanta, GA; Raul G Nogueira, Emory Univ/Grady Memorial Hosp, Atlanta, GA; Panagiotis Papanikolaou, Hosp Bremen-Mitte/Bremen-Ost, Bremen, Germany; Maria Bouchakova, Hosp Bremen-Mitte/Bremen-Ost, Bremen, Germany; Adnan Siddiqui, State Univ of New York, Buffalo, NY; Bertrand Lapergue, Foch Hosp, Suresnes, France; Franziska Dom, Univ Hosp of Munich, Munich, Germany; Christoph Cognard, Univ Hosp of Toulouse, Toulouse, France; Monika Kilar, Paracelsus Medical Univ, Salzburg, Austria; Salvatore Mangiafico, Careggi Univ Hosp, Florence, Italy; Marc Ribo, Hosp Vall D’Hebron, Barcelona, Spain; Marios N Psychogios, Univ Medical Ctr Göttingen, Göttingen, Germany; Marc A Layebrie, Lariboisière Hosp, Paris, France; Mikael Mazighi, Hôpital de la Fondation Ophthamologique Adolphe de Rothschild, Paris, France; Alessandra Biondi, Univ Hosp of Besancon, Besançon, France; Sébastien Richard, Univ Hosp of Nancy, Nancy, France; Rene Anxionnat, Univ Hosp of Besançon, Besançon, France; Serge Bracard, Benjamin Gory, Univ Hosp of Nancy, Nancy, France; on behalf of TITAN (Thrombectomy In TANdem Lesions) investigators
Poster Board Number P30 / Presentation Number TP30
Mechanical Thrombectomy in Acute Ischemic Stroke: Etiology and Trends of Redmissions in a National Population-based Cohort Study (2010-2014)
Chirag Savani, Univ of South Florida, Tampa, FL; Varun Kumar, Mt Sinai St Luke’s Roosevelt Hosp Ctr, New York, NY; Xiyang Yi, Tejinder Singh, Univ of South Florida, Tampa, FL; Armarish Pathak, New York Medical Ctr, New York, NY; Anjula Chib, Southeast Alabama Medical Ctr, Dothan, AL; Swetha Renati, Univ of South Florida, Tampa, FL
Poster Board Number P31 / Presentation Number TP31
Endovascular Thrombectomy for Patients With Acute Stroke With Low Aspect Score
Ioku Tetsuya, Imai Kaisuke, Hamanaka Masashi, Itsukage Masahiro, Tsutos Kawasaki, Yamamoto Atsushi, Ioku Tetsuya, Cho Masanori, Menjo Kanako, Kyoto First Red Cross Hosp, Kyoto, Japan; Yamazaki Hidekazu, Yokohama Shintoshi Neurosurgical Hosp, Yokohama, Japan
Poster Board Number P32 / Presentation Number TP32
3mmx20 Trevo Retriever vs. Penumbra 3 Max Distal Occlusion Acute Stroke Thrombectomy
Diogo C Haussen, Brendan Eby, Alhamza Al-Bayati, Jonathan A Gressberg, Gabriel M Rodrigues, Michael Frankel, Raul G Nogueira, Emory Univ Sch of Med, Atlanta, GA
Poster Board Number P33 / Presentation Number TP33
Diminished Likelihood of Favorable Stroke Outcomes Following Endovascular Therapy in Octogenarians
Alexandra Prakapenia, Jessica Bartlin, Timo Siepmann, Haidar Moustaia, Lars-Peder Pallesen, Kevin Haedrich, Andrij Abramyuk, Johannes Gerber, Volker Puetz, Jennifer Linn, Kristian Barlinn, Univ Hosp Dresden, Dresden, Germany
Poster Board Number P34 / Presentation Number TP34
Malignant CT Perfusion Profile is Associated With Increased Sensitivity to Blood Pressure Reductions During Endovascular Stroke Therapy
Sumeita Strander, Anson Wang, Sreepa Kodali, Andrew Silverman, Tijij Agarwal, Christoph Ztretz, Yale Univ Sch of Med, New Haven, CT; Binbin Zheng-Lin, Gloria V Lopez Cardenas, Univ of Iowa Carver Coll of Med, Iowa City, IA; Lauren H Sanging, Joseph L Schindler, Charles Matusou, Ryan Hebert, Kevin N Sheth, Yale Univ Sch of Med, New Haven, CT; Santiago Ortega Gutierrez, Univ of Iowa Carver Coll of Med, Iowa City, IA; Nils H Petersen, Yale Univ Sch of Med, New Haven, CT
Poster Board Number P35 / Presentation Number TP35
Rates of Endovascular Therapy in Acute Ischemic Stroke Patients With NIHSS < 6 and Outcomes
Syed F Ali, Univ California, San Diego, La Jolla, CA; Lee H. Schwamm, Massachusetts General Hosp, Boston, MA; Krishna Nalleballe, Sanjeeva Onteddu, Univ of Arkansas for Medical Sciences, Little Rock, AR; Thomas Hemmen, Univ California, San Diego, La Jolla, CA
Poster Board Number P36 / Presentation Number TP36
Readmissions After Intravenous Thrombolysis for Acute Ischemic Stroke-A Review of 5-Year National Data
Varun Kumar, MT, Sinai St Luke’s Roosevelt Hosp Ctr, New York, NY; Chirag Savani, Tejinder Singh, Xiyang Yi, UNive of South Florida, Tampa, FL; Armarish Pathak, New York Medical Ctr, New York, NY; David Z Rose, UNive of South Florida, Tampa, FL
Acute Neuroimaging Posters II

TP61 – TP97

Poster Board Number P61 / Presentation Number TP61
Could Fazekas Score Serve as a Predictor of Functional Outcomes in ELVO Patients Undergoing Mechanical Thrombectomy?
Destiny Hooper, David McCane, Jason Lee, David Chiu, Rajan Gadhia, Houston Methodist Neurological Inst, Houston, TX

Poster Board Number P62 / Presentation Number TP62
Acceleration-Selective ASL Perfusion Imaging as an Alternative for Dsc in an Acute Stroke Population
Jill De Vis, NIH/NINDS, Bethesda, MD; Reinoud Bokkers, Univ Medical Ctr Groningen, Groningen, Netherlands; Marie Luby, NIH/NINDS, Bethesda, MD; Sophie Schmid, Matthias van Osch, Leiden Univ Medical Ctr, Leiden, Netherlands; Larry Latour, NIH/NINDS, Bethesda, MD

Poster Board Number P63 / Presentation Number TP63
Hypoperfusion Volume Immediately After Endovascular Reperfusion Therapies: A Highly Accurate Early Predictor of Clinical Outcome After Recanulation
Alvaro Garcia-Tornel, Marc Ribo, David Rodriguez-Luna, Sandra Boned, Marian A Highly Accurate Early Predictor of Clinical Outcome After Recanulation

Poster Board Number P64 / Presentation Number TP64
IV TPA Treatment of Minor Stroke Using MRI Targets Rather Than Clinical Severity

Poster Board Number P65 / Presentation Number TP65
Perfusion Artifacts May Overestimate Thrombectomy Eligibility in Patients With Acute Large Vessel Occlusion
James E Siegler, Johannes Pulst-Korenberg, Andrew Olsen, Jon Rosenberg, Daniel Cristancho, Lindsay Raab, John Woo, Brett Cucchiara, Steven Messé, Hosp of the Univ of Pennsylvania, Philadelphia, PA

Poster Board Number P66 / Presentation Number TP66
Optimizing CT Perfusion Thresholds for Identification of Ischemic Core in Hyperacute Stroke
Catherine Legault, McGill Univ, Montreal, QC, Canada; Maarten Lansberg, Jeremy Heit, Greg Albers, Stanford Univ, Palo Alto, CA

Poster Board Number P67 / Presentation Number TP67
Acute Blood Pressure Changes Aggravate Ischemic Lesion Growth After Large Vessel Occlusion
Han-Gil Jeong, Beom Joon Kim, Hyeran Kim, Cheolkyu Jung, Seong-Ho Park, Moon-Ku Han, Hee-Joon Bae, Seoul Natl Univ Bundang Hosp, Seongnam, Korea, Republic of

Poster Board Number P68 / Presentation Number TP68
Visual Assessment of Diffusion-Weighted-Imaging Infarct Volume Lacks Accuracy and Reliability
Robert FAHED, Fondation Rothschild Hosp, Paris, France; Naim Khoury, HSSH St. John’s Hosp, Springfield, IL; Adrien Guenego, Toulouse Hosp, Toulouse, France; Stanislav Smajda, Hocine Redjem, Gabriele Ciccio, Simon Escalard, Jean-Philippe Desilles, Mikael Mazighi, Raphael Blanc, Michel Plotin, Fondation Rothschild Hosp, Paris, France

Poster Board Number P69 / Presentation Number TP69
Three-Phase Helical Computed Tomographic Angiography Perfusion Maps Predict Final Infarction in the Acute Ischemic Stroke Setting
Connor Charles McDougall, Erin Maxwell, Noaha Reaune, Rima Gupta Sah, Christopher D. d’Estere, Philip A. Barber, Univ of Calgary, Calgary, AB, Canada

Poster Board Number P70 / Presentation Number TP70
Collateral Scoring of Cerebral Arteries Predicts Perfusion and Diffusion in Acute Ischemic Stroke Patients Undergoing Thrombectomy
Varun Shah, Nguyen Hoang, David Dornbos III, Victoria Schunemann, Shahid Nimjee, Patrick Youssef, Ciaran Powers, The Ohio State Univ, Columbus, OH

Poster Board Number P71 / Presentation Number TP71
Time Burden of Perfusion Imaging
Hazen Shiroirah, Laura Stein, Danielle Wheelwright, J Mocco, Stanley Tuhrim, Johanna Fift, Icahn Sch of Med at Mount Sinai, New York, NY

Poster Board Number P72 / Presentation Number TP72
Should Hypoperfusion Intensity Ratio Influence Patient Selection for Mechanical Thrombectomy?
Karan Tarasaria, Karan Topiwala, Jussie Lima, Univ of Connecticut, Farmington, CT; Ilene Staff, Nabipah Pervez, Amre Nouh, Hartford Hosp, Hartford, CT

Poster Board Number P73 / Presentation Number TP73
Perfusion Values in Ischemic Core Depend on Time from Onset in Acute Stroke
Tomohide Yoshiie, Hongquan Jiang, Yannan Yu, Tristan Honda, Harry Trieu, Fabien Scalzo, Reza Jahan, Sidney Starkman, Latisha Sharma, Bryan Yoo, Neal Rao, Jason Himran, Gary Duckwiler, May Pour, Viktor Szedei, Satoshi Tateshima, Geoffroy Colby, Merseh B Hosseini, Radoslav Raychev, Dojin Kim, Jeffrey L. Saver, David S Lieres-kind, David Geffen Sch of Med at UCLA, Los Angeles, CA; the UCLA Reperfusion Therapy Investigators

Poster Board Number P74 / Presentation Number TP74
Spotty Calcification on Cervicocerebral Computed Tomography Angiography Associates With Increased Risk of Acute Ischemic Stroke
Fan Zhang, Hainan Branch of 301 Hosp, Sanya, China; Li Yang, Lu Gan, 301 Hosp, Beijing, China; Zhaoyang Fan, Bill Zhou, Zixin Deng, Damini Dey, Daniel S Berman, Debiao Li, Yabin Xie, Biomedical Imaging Res Inst, Cedars-Sinai Medical Ctr, Los Angeles, CA

Poster Board Number P75 / Presentation Number TP75
Distal Hyperintense Vessel Sign on FLAIR as a Predictor of Recurrent Stroke in Intracranial Arterial Stenosis
All A Sahenwala, Hisham Salahuddin, Faraz Jeelani, Joel Campbell, Henry He, Nadeem Khan, William Moore, Marco Pinho, Ty Shang, UT Southwestern, Dallas, TX

Poster Board Number P76 / Presentation Number TP76
Combined MRI and Next Generation Sequencing of mRNA in Acute Ischemic Stroke Patients Reveal a Correlation Between Early Changes in Infarct and Angiogenesis
Poster Board Number P77 / Presentation Number TP77
Collateral- vs Perfusion-Based Selection Paradigm of Late Window (6-24 hours) Patients With Acute Ischemic Stroke: A Comparative Study of Decision Making Using Multi-Phase CTA and CT Perfusion
Mohammed Almekhlaifi, Univ of Calgary, Calgary, AB, Canada; Wolfgang Kunz, Munich Univ, Hosp, LMI Munich, Munich, Germany; Ryan McGaugh, Warren Alpert Medical Sch of Brown Univ, Providence, RI; Mohammed Najm, Univ of Calgary, Calgary, AB, Canada; Jai Jai Shankar, Winnipeg, MB, Canada; Alexander Khaw, Western Univ, London, ON, Canada; Enrico Fainardi, Azienda Ospedaliero-Umbria Careggi, Florence, Italy; Marta Rubiera, Barcelona, Univ Autonoma de Barcelona, Barcelone, Spain; Mahesh V Jayaraman, Warren Alpert Medical Sch of Brown Univ, Providence, RI; Michael D Hill, Andrew Demchuk, Univ of Calgary, Calgary, AB, Canada; Mayank Goyal, CALGARY, Univ of Calgary, Calgary, AB, Canada; Bijoy K Menon, Univ of Calgary, Calgary, AB, Canada
Poster Board Number P78 / Presentation Number TP78
Density Analysis of Hyperdense Middle Cerebral Artery Sign for Detection of Embolic Stroke of Undetermined Source and Prediction of Successful Reperfusion Following Endovascular Therapy
Tim Siepmann, Andrei Abramyuk, Hosp Carl Gustav Carus, Dresden, Germany; Haidaroust Manfoua, Univ Hosp Carl Gustav Carus, Dresden, Germany; Alexandra Prakapenia, Lars-Peder Pallesen, Hosp Carl Gustav Carus, Dresden, Germany; Jessica Barlinn, Jennifer Linn, Volker Puetz, Kristian Barlinn, Univ Hosp Carl Gustav Carus, Dresden, Germany
Poster Board Number P79 / Presentation Number TP79
Do Early Ischemic Changes Occur on CT Within the First Hour of Acute Ischemic Stroke
Alexandra Czap, The Univ of Texas Health Science Ctr at Houston, Houston, TX; Jose-Miguel Yamal, The Univ of Texas Health Sciences Ctr at Houston, Houston, TX; Stephanie Parker, Suja S Rajan, Rihijh Sowry, The Univ of Texas Health Science Ctr at Houston, Houston, TX; James Grotta, Michael D Hill, Andrew Demchuk, Univ of Calgary, Calgary, AB, Canada; Soren Christensen, Stanford Univ, Stanford, CA; Anna M Boers, Henk A Marquering, Amsterdam UMC, Amsterdam, Netherlands; Charles B Majno, Amsterdam UMC, Location AMC, Univ of Amsterdam, Amsterdam Neurociscence, Amsterdam, Netherlands; Robert J van Oostenbrugge, Maastricht Univ Medical Ctr, Maastricht, Netherlands; Yves B Roos, Amsterdam Univ Medical Ctr, Amsterdam, Netherlands; Diederik W Dippel, Erasmus MC, Rotterdam, Netherlands; Wim H van Zwam, Maastricht Univ Medical Ctr, Maastricht, Netherlands; Aad van der Lugt, Erasmus MC, Rotterdam, Netherlands; Maarten G Lansberg, Gregory W Albers, Stanford Univ, Stanford, CA; Paul Suetens, KU Leuven, Leuven, Belgium; Robin Lammens, KU Leuven, Hosp Univ Leuven, Leuven, Belgium
Poster Board Number P80 / Presentation Number TP80
Deep Learning Based Prediction of Tissue Status From Native CT Perfusion Images
David Robben, KU Leuven, Leuven, Belgium; Soren Christensen, Stanford Univ, Stanford, CA; Anna M Boers, Henk A Marquering, Amsterdam UMC, Amsterdam, Netherlands; Charles B Majno, Amsterdam UMC, Location AMC, Univ of Amsterdam, Amsterdam Neurociscence, Amsterdam, Netherlands; Robert J van Oostenbrugge, Maastricht Univ Medical Ctr, Maastricht, Netherlands; Yves B Roos, Amsterdam Univ Medical Ctr, Amsterdam, Netherlands; Diederik W Dippel, Erasmus MC, Rotterdam, Netherlands; Wim H van Zwam, Maastricht Univ Medical Ctr, Maastricht, Netherlands; Aad van der Lugt, Erasmus MC, Rotterdam, Netherlands; Maarten G Lansberg, Gregory W Albers, Stanford Univ, Stanford, CA; Paul Suetens, KU Leuven, Leuven, Belgium; Robin Lammens, KU Leuven, Hosp Univ Leuven, Leuven, Belgium
Poster Board Number P81 / Presentation Number TP81
Time-Domain Near-Infrared Spectroscopy in Acute Ischemic Stroke Patients Giacomo Giacalone, San Raffaele Scientific Inst, Milan, Italy; Marta Zanotelli, Rebecca Re, Politecnico di Milano, Milan, Italy; Bruno Germinario, San Raffaele Scientific Inst, Milan, Italy; Davide Contini, Politecnico di Milano, Milan, Italy; Lorenzo, Consiglio Nazionale delle Ricerche, Milan, Italy; Alessandro Torricelli, Politecnico di Milano, Milan, Italy; Luisa Roveri, San Raffaele Scientific Inst, Milan, Italy
Poster Board Number P82 / Presentation Number TP82
Long Distance of Delayed-Contrast Filling Sign on Four-Dimensional CT Angiography Associates With Cardiogenic Embolism
Ying Zhou, Chao Xu, Ruiting Zhang, Feina Shi, Chang Liu, Shenqiang Yan, Shenqiang Angiography Associates With Cardiogenic Embolism
Poster Board Number P83 / Presentation Number TP83
Predicting Clinical Outcomes of Acute Ischemic Stroke Due to Large Vessel Occlusion: The Approach to Utilize High-dimensional Neuroimaging Data With Deep Learning
Hideshia Nishi, Naoya Oishi, Akira Ishii, Kyoto Univ Medical Sch, Kyoto, Japan; Hideh Chiha, Takenori Ogura, Kokura Memorial Hosp, Kita-Kyushu, Japan; Ryota Ishibashi, Kuroshi Central Hosp, Kitakyushu, Japan; Mitsuhige Ando, Kyoto Univ Medical Sch, Kita-Kyushu, Japan; Nobuyuki Yama, Kitakyushu, Japan; Masaharu Takeda, Kita-Kyushu, Japan; Tsuyoshi Ohta, Kochi Health Sciences Ctr, Kochi, Japan; Yasutoshi Kai, Lizuka Hosp, Kita-Kyushu, Japan; Taketo Hatano, Kokura Memorial Hosp, Kita-Kyushu, Japan; Ichiro Nakahara, Fujita Health Univ Sch of Med, Toyoake, Japan; Susumu Miyamoto, Kyoto Univ Medical Sch, Kyoto, Japan
Poster Board Number P84 / Presentation Number TP84
Agreement Between Alberta Stroke Program Early Computed Tomography Score and Computed Tomography Perfusion in Patient Selection for Mechanical Thrombectomy After Large Vessel Occlusion Acute Ischemic Stroke Rahul R Karamchandani, Jeremy B Riethen, Edwin Strong, Sam J Singh, Enayet Rahem, Jonathan D Clemente, Andrew W Asimos, Carolinas Medical Ctr, Charlotte, NC
Poster Board Number P85 / Presentation Number TP85
Accuracy of “At Risk” Tissue Predictions Using CT Perfusion in Acute Large Vessel Occlusions Songmi Lee, UT Health Science Ctr at Houston, Houston, TX; Albert J Yoo, Texas Stroke Inst, Plano, TX; Olvert A Berkhemer, Charles B Majno, Academic Medical Center, Amsterdam, Netherlands; Diederik W Dippel, The Erasmus Univ Medical Ctr, Rotterdam, Netherlands; Sumil A Sheth, UT Health Science Ctr at Houston, Houston, TX; MR CLEAN Investigators
Poster Board Number P86 / Presentation Number TP86
Matching CT Perfusion Deficit Very Early in the Time Window Seriously Overestimates Eventually Infarct Size With Prompt and Successful Endovascular Therapy Laszlo Miskolczi, HOLY CROSS HOSPITAL, FT Lauderdale, FL
Poster Board Number P87 / Presentation Number TP87
Gaze Deviation on Initial CT as Predictor of Large Vessel Occlusion Jeremy E Kulac, Laurel J Cherian, James J Conners, Rima M Dafer, Nicholas D Osterrea, Sarah Y Song, Alejandro Vargasa, Rush Univ Medical Ctr, Chicago, IL
Poster Board Number P88 / Presentation Number TP88
Poster Board Number P89 / Presentation Number TP89
Perfusion Computed Tomography is Preferable to Computed Tomography Angiography for Decision of a Reperfusion Therapy in Patients With Minor Stroke Seong Hwan Ahn, Chosun Univ Sch of Med, Gwang Ju, Korea, Republic of; Sang Won Han, Inje Univ Coll of Med, Seoul, Korea, Republic of; Kyung-Yul Lee, Yeouii Univ Coll of Med, Seoul, Korea, Republic of; Yong Seo Chou, Chosun Univ Hosp, Gwang Ju, Korea, Republic of
Poster Board Number P90 / Presentation Number TP90
Computed Tomography Perfusion Mismatch is Stable Over Time From Onset After Stroke Due to Underestimation of Core Infarct in Late Time Window James E Siegel, Jon Rosenberg, Andrew Olsen, Daniel Cristancho, Johannes Pulst-Korenberg, Lindsay Raab, John Woo, Brett Cucchiara, Steven Messé, Hosp of the Univ of Pennsylvania, Philadelphia, PA
Poster Board Number P91 / Presentation Number TP91
Perfusion-weighted Magnetic Resonance Imaging is a Poor Indicator of Hemodynamic Compromise in Vertebrobasilar Disease Christopher J. Stapleton, Xinjian Du, Keith R. Thulborn, Fady T. Charbel, Sepideh Hemodynamic Compromise in Vertebrobasilar Disease After Stroke Due to Underestimation of Core Infarct in Late Time Window
Poster Board Number P92 / Presentation Number TP92
When Less is More: Do We Need Advanced Perfusion Neuroimaging Prior to Mechanical Thrombectomy? Sitala Konuru, Shazli Khan, Kimberly Cole, Mouhammad A Jumaa, Syed F Zaidi, Hosp of Toledo, Toledo, OH
Poster Board Number P93 / Presentation Number TP93
Etiological and Prognostic Value of Microembolic Signals Detection After Endovascular Treatment Faheem Sheriff, UT Houston, Houston, TX; Mariana Lopes, Univ of Porto, Porto, Portugal; Ayaz Khawaja, Andrew Monk, Sarah Larose, Karen Li, BWH, Boston, MA; Farzaneh Sorond, Northwestern Univ, Chicago, IL; Henrikas Vaiktevicius, BWH, Boston, MA; Elsa Azevedo, Pedro Castro, Univ of Porto, Porto, Portugal
Poster Board Number P94 / Presentation Number TP94
Temporal Similarity Perfusion Mapping: A Model-Free Dsc Analysis Method to Parse Tissue Perfusion From Steno-occlusive Delay Artefact Jill De Vis, NIH/NINDS, Bethesda, MD; Matthew Restivo, NIH/NHLBI, Bethesda, MD; Larry Latour, NIH/NINDS, Bethesda, MD
Cerebral Large Artery Posters II

TP145 – TP162

Poster Board Number P145 / Presentation Number TP145

Admission Hyperglycemia Predicts Poor Cerebral Collateral Flow in Acute Ischemic Stroke

George K Vilainlam, Emily G McCoy, Mohammad K Badi, Caitlin E D’Souza, Tara L Becker, Prassanna Vihute, Vivek Gupta, Mayo Clinic, Jacksonville, FL

Poster Board Number P146 / Presentation Number TP146

Intracranial Microvascular Calcification: A Cadaveric Study

Daniel J Mousouros, Maria M Plummer, Olga V Savinova, NYHT Coll of Osteopathic Med, Old Westbury, NY

Poster Board Number P147 / Presentation Number TP147

Relationship Between Carotid Artery Atherosclerosis and Hyoid Anatomy: Results From a Cross-sectional and Longitudinal Cohort Study

James E Siegler, Glenn Konsky, Christopher Renner, Andres Moreno-De-Luca, David Gutman, Steven Messa, Hosp of the Univ of Pennsylvania, Philadelphia, PA

Poster Board Number P148 / Presentation Number TP148

Varicella Zoster Virus Immunoreactivity of Cerebral Vessels, Arterial Remodeling, and Cellular Inflammation

Madeleine D Hunter, Vagelos Coll of Physicians and Surgeons, Columbia Univ, New York, NY; Marco A Gonzalez, Univ of Nebraska Medical Ctr, Omaha, NE; Jay P Mohr, Mitchell S Elkinder, Randolph S Marshall, Vagelos Coll of Physicians and Surgeons, Columbia Univ, New York, NY; Susan Morgello, Icahn Sch of Med at Mount Sinai, New York, NY; Jose Gutierrez, Vagelos Coll of Physicians and Surgeons, Columbia Univ, New York, NY

Poster Board Number P149 / Presentation Number TP149

The Effects of Intravenous Thrombolysis on Distal Migration of Clots and Recanalization in Acute Ischemic Strokes Also Treated With Endovascular Therapies

Miles Cobia, The Univ of Alabama Birmingham, Birmingham, AL; Karen C Albright, Upstate Univ Hosp, Syracuse, NY; Paul Foreman, Phillip Schmalz, Toby Gropen, Mark Harrigan, The Univ of Alabama Birmingham, Birmingham, AL

Poster Board Number P150 / Presentation Number TP150

Neuroprotective Effect of Intra-Arterial Administration of Isolated Mitochondria Enhanced by Local Cooling Infusion (LCI) in Ischemic Rats

Laura Buonocore, Sarah H Carr, Vagelos Coll of Physicians and Surgeons, Columbia Univ, New York, NY

Poster Board Number P151 / Presentation Number TP151

Stroke Mechanisms and Their Correlation With Prognosis in Medullary Infarction

Yasumas Yamamoto, Kyoto Katsura Hosp, Kyoto, Japan

Poster Board Number P152 / Presentation Number TP152

Maternal Morbidity Outcomes in Moyamoya Syndrome in New York State

Poster Board Number P187 / Presentation Number TP188
Impact of Long-term Left Ventricular Assist Device Support on Human Brain: A Case-control Study Using MRI
Sho Murase, Shuhei Okuzaki, Kenichi Todo, Yusuke Misumi, Daisuke Yoshioka, Yoshiaki Sawa, Hideki Mochizuki, Osaka Univ Graduate Sch of Med, Suita, Osaka, Japan
Poster Board Number P187 / Presentation Number TP187
Trimethyamine-N-oxide Values Are Increased in Patients With Acute Ischemic Stroke but Decrease Significantly Within the First Days
Sibu Mundiyangaraputh, Christine Schneider, Jana Hauke, Peter Monostori, Kathrin Schwarz, Christina Nürnberg, Jürgen Okun, Univ Hosp Heidelberg, Heidelberg, Germany
Poster Board Number P186 / Presentation Number TP186
Impact of Long-term Left Ventricular Assist Device Support on Human Brain: A Case-control Study Using MRI
Sho Murase, Shuhei Okuzaki, Kenichi Todo, Yusuke Misumi, Daisuke Yoshioka, Yoshiaki Sawa, Hideki Mochizuki, Osaka Univ Graduate Sch of Med, Suita, Osaka, Japan
Poster Board Number P184 / Presentation Number TP184
Upper-body Exoskeleton Assisted Stroke Rehabilitation Therapy in Complex Multi-joint Movements
Ana C de Oliveira, Kevin Warburton, Evan M Ogden, The Univ of Texas at Austin, Austin, TX; Youngmok Yun, Harmonic Bionics, Austin, TX; Bob Whitford, Matthew Cowperthwaite, Robert K Lee, St. David's HealthCare, Austin, TX; Ashish D Deshpande, The Univ of Texas at Austin, Austin, TX
Poster Board Number P185 / Presentation Number TP185
Acute Infarct Location and Volume Predicts Rehabs Outcomes After Ischemic Stroke
Chen Lin, Univ of Alabama Birmingham, Birmingham, AL; Neil Chatterjee, Jungwha Lee, Richard L Harvey, Shyam Prabhakaran, Northwestern, Chicago, IL

Community/Risk Factors Posters II

Poster Board Number P197 / Presentation Number TP197
Risk of Epilepsy in Elderly Stroke Patients: 10-Year Nationwide Population-based Study
Jue-Hong Lee, Natl Health Insurance Service Ilsan Hosp, Goyang-si, Korea, Republic of; Jae-Hyeon Park, Sanggye Paik Hosp Inje Univ Coll of Med, Seoul, Korea, Republic of; Sung-Hee Hwang, Hallym Univ Hosp, Seoul, Korea, Republic of
Poster Board Number P198 / Presentation Number TP198
Urban Versus Rural Stroke Death Rates From 2005-2015 in the United States
Adam de Havenon, Chelsea Meyer, Jerdan Ruff, Ka-Ho Wong, Jennifer J Majersik, Jonathan Hartman, Kaiser Permanente, Sacramento, CA; Youngmok Yun, Harmonic Bionics, Austin, TX; Bob Whitford, Matthew Cowperthwaite, Robert K Lee, St. David's HealthCare, Austin, TX; Ashish D Deshpande, The Univ of Texas at Austin, Austin, TX

Poster Board Number P193 / Presentation Number TP193
Knowledge of Stroke in High School & Middle School Students
Abdullah Umar, City High Middle Sch, Grand Rapids, MI; Tracy Koehler, Spectrum Health, Grand Rapids, MI; Reian Zhang, Veronica Gilbert, Rebecca Zetlowe, City High Middle Sch, Grand Rapids, MI; David Nyeunhuis, Mercy Health Saint Mary's, Grand Rapids, MI; Alan Davis, Spectrum Health, Grand Rapids, MI

Poster Board Number P194 / Presentation Number TP194
Farmalarm: A Mobile Application to Improve Stroke Awareness
Manuel Marta, Estefania Montiel, Martha Rubiera, Marian Muchaida, Sandra Boned, Carlos A Molina, Marc Ribó, Vall d’Hebron Hosp, Barcelona, Spain

Poster Board Number P195 / Presentation Number TP195
Geographic Proximity to Healthy Food Not Associated With Increased Prevalence of Cardiovascular Risk Factors in Stroke Patients
Chigozie Izeogu, Adanji J Idigo, Alan D Howard, Rebecca F Farmalarm: A Mobile Application to Improve Stroke Awareness
Manuel Marta, Estefania Montiel, Martha Rubiera, Marian Muchaida, Sandra Boned, Carlos A Molina, Marc Ribó, Vall d’Hebron Hosp, Barcelona, Spain

Poster Board Number P196 / Presentation Number TP196
Utility of CHADVASc2 Score in Predicting Clinical Outcomes of Patients Undergoing Carotid Angioplasty & Stent Placement
Muhammad Zeeshan Memon, Nastajia Kremetz, Univ of Miami, Miami, FL; Mohammad R Afzal, Texas Tech Univ Health Sciences Ctr, El Paso, TX, Vass Samin, Dileep R Yavagal, Seannant Chaturvedi, Univ of Miami, Miami, FL

Poster Board Number P197 / Presentation Number TP197
Incidence, Characteristics and Outcomes in Patients With Embolic Stroke of Undetermined Source: A Population-based Study
Georgios Tsioufis, Natl and Kapodistrian Univ of Athens, Athens, Greece; Odysseas Kargiatis, Metropolitan Hosp, Piraeus, Greece; Aristidis Katsanos, Natl and Kapodistrian Univ of Athens, Athens, Greece; Athanasia Patousi, Democritus Univ of Thrace, Alexandroupolis, Greece; Dimitris Mavridis, Sofia Tsokani, Univ of Ioannina, Ioannina, Greece; Maria Pikilidou, Aristotle Univ of Thessaloniki, Thessaloniki, Greece; Theodosis Birbilis, Michael Mantzafis, Democritus Univ of Thrace, Alexandroupolis, Greece; Christina Zompola, Sokratis Triantafyllou, Natl and Kapodistrian Univ of Athens, Athens, Greece; Nikolaos Papanas, Panagiota Skendros, Aikaterini Terzoudi, George S Georgiadis, Eleftheros Pipiades, Democritus Univ of Thrace, Alexandroupolis, Greece; Konstantinos Tsiofou, Natl and Kapodistrian Univ of Athens, Athens, Greece; Ioannis Heliopoulou, Konstantinos Vadikolias, Democritus Univ of Thrace, Alexandroupolis, Greece

Poster Board Number P200 / Presentation Number TP200
Short-term Outcomes in Patients With Cannabis Use and Acute Ischemic Stroke
Chirag Savani, Univ of South Florida, Tampa, FL; Varun Kumar, Mt. Sinai St. Luke’s Roosevelt Hosp Ctr, New York, NY; Xiyan Yi, Tejinder Singh, Univ of South Florida, Tampa, FL; Anjula Chib, Southeast Alabama Medical Ctr, Dothan, AL; Ambarish Palathik, Mt. Sinai St. Luke’s Roosevelt Hosp Ctr, New York, NY; Swetha Renati, Univ of South Florida, Tampa, FL

Poster Board Number P201 / Presentation Number TP201
Characterizing Left Atrial Mechanics and the Associations With Stroke Severity Michelle C Johansen, Henrique Doria De Vasconcellos, Amy E Wright, Rebecca F Gottfriesman, Johns Hopkins Hosp, Baltimore, MD

Poster Board Number P202 / Presentation Number TP202
Risk of Incident Stroke and Dementia in Casadis: A 6-Year Follow-Up of 85 Korean Patients
Keun Hyuk Ko, Jay Choi, Joon Goo Kim, Jeju Natl Univ Hosp, Jeju, Korea, Republic of

Poster Board Number P203 / Presentation Number TP203
Serum Uric Acid is Associated With Arterial Stiffness, Pulse Pressure and Stroke in Apparently Healthy Population
Kwang-Yeol Park, Jeong-Min Kim, Chung-Ang Univ, Seoul, Korea, Republic of; Won-Tae Yoon, Pil-Wook Chung, Kangbuk Samsung Hosp, Sungkyunkwan Univ, Seoul, Korea, Republic of
Poster Board Number P204 / Presentation Number TP204
Characteristics of in Flight Stroke in Korea
Joung-ho Rha, Hee Kwon Park, Cindy Yoon, Dan A Oh, Inha Univ Hosp Neurology, Incheon, Korea, Republic of

Poster Board Number P205 / Presentation Number TP205
Higher Vascular Risk and Poorer Outcomes in Young Black and Hispanic Stroke Patients
Erica M Jones, Munachi Okpala, Kaushik Parsha, Zafar Keseer, Christina Kim, Austin Wang, Nendimma Okpala, Amanda Jagolino, Sean Savitz, Anjali Sharrief, UT Houston, Houston, TX

Poster Board Number P206 / Presentation Number TP206
Prevalence and Predictors of Cerebral Microbleeds Among Racial Minorities With Ischemic Stroke and Transient Ischemic Attack
Fe Maria Caigiai-Pena, Benjamin Petrie, Helena Lau, Saleh Abbas, Brandon Finn, Thanh N Nguyen, David M Greer, Hugo Aparicio, Jose Rafael Romero, Boston Univ Sch of Med, Boston, MA

Poster Board Number P207 / Presentation Number TP207
Do Women Have Lower Odds of In-hospital Mortality Compared to Men After Mechanical thromboectomy for Acute Ischemic Stroke?
Ashley Wabnitz, Alain Lekkoubou Loiti, Kirihe Bishu, MUSC, Charleston, SC; Bruce Ovbiagie, UCSF, San Francisco, CA

Poster Board Number P208 / Presentation Number TP208
Feasibility of a “Psychologically Smart” Community Pharmacy Intervention to Improve Patient Recognition and Response Time in Stroke
Elizabeth Malcolm, Stanford Univ, Stanford, CA; Ilana Spokoyny, California Pacific Medical Ctr, San Francisco, CA; Nadia Safaeeinii, Stanford Univ, Stanford, CA; Amy Tai, Christiana Healthcare System, Newark, DE; Presanthi Govindarajan, Stanford Univ, Stanford, CA; Sarah Doneinon, Genentech, South San Francisco, CA; Tom Door, Patient Co-Investigator, Palo Alto, CA; Omid Fotuhi, Winnie Wu, Geoffrey Cohen, Stanford Univ, Stanford, CA

Poster Board Number P209 / Presentation Number TP209
Women Report More Symptoms of Depression Post-Stroke With Routine Screening
Kevin Gi, Univ of Toronto, Toronto, ON, Canada; Arumina Kapoor, Amy Y. Yu, Richard H. Swartz, Sunnybrook Health Sciences Ctr, Toronto, ON, Canada

Poster Board Number P210 / Presentation Number TP210
Temporal Trends of Comorbidities From 2009 to 2013 Among U.S. Elderly With Ischemic Stroke
Shumei Man, Jesse Schold, Ken Uchino, Cleveland Clinic, Cleveland, OH

Poster Board Number P211 / Presentation Number TP211
Outcomes and Predictors of Postoperative Atrial Fibrillation in Patients With Left Ventricular Assist Devices
Mary Kim, Harveen K Lamba, Brendan Chou, Andrew B Civitello, Mario D Delgado, Leo Simpson, Selby Oberton, Ajih P Nair, Ziad A Taimeh, Todd Kosmants, O. H Frazier, Jeffrey A Morgan, Texas Heart Inst at Baylor Coll of Med, Houston, TX

Poster Board Number P212 / Presentation Number TP212
Stroke Risk Following Takotsubo Cardiomyopathy
Nicholas A Morris, Univ of Maryland Sch of Med, Baltimore, MD; Oluwayemisi L Adejumo, Will Cornell Medical Coll, New York, NY; Massoom Desai, Univ of Maryland Sch of Med, Baltimore, MD; Monica Chen, Santosh B Murthy, Hooman Kamel, Nicholas A Morris, Univ of Maryland Sch of Med, Baltimore, MD; Scott Collins, Derek Merck, Mario D Delgado, Elena M. Michalsen, Lester Y. Leung, Tufts Medical Ctr, Boston, MA

Poster Board Number P213 / Presentation Number TP213
Associations Between Risk Factors and Stroke Mechanisms in Young Adults
Stephanie J. O'Connor, Alex King, University of Pittsburgh, Pittsburgh, PA; J. Donald Rubin, University of Pittsburgh, Pittsburgh, PA; J. Donald Rubin, University of Pittsburgh, Pittsburgh, PA; J. Donald Rubin, University of Pittsburgh, Pittsburgh, PA; J. Donald Rubin, University of Pittsburgh, Pittsburgh, PA; J. Donald Rubin, University of Pittsburgh, Pittsburgh, PA; J. Donald Rubin, University of Pittsburgh, Pittsburgh, PA; J. Donald Rubin, University of Pittsburgh, Pittsburgh, PA; J. Donald Rubin, University of Pittsburgh, Pittsburgh, PA

Poster Board Number P214 / Presentation Number TP214
Descriptive Epidemiology of Ischemic Stroke Patients With Atrial Fibrillation: EAST-4F study from South Korea and Japan
Beom-Joon Kim, Seoul Natl Univ Bundang Hosp, Seongnam-si Gyeonggi-do, Korea, Republic of; Masatoshi Koga, Natl Cerebr and Cardiovascular Ctr, Osaka, Japan; Keon-Joo Lee, Seoul Natl Univ Bundang Hosp, Seongnam-si Gyeonggi-do, Korea, Republic of; Kanta Tanaka, Tadataka Mizoguchi, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan; Eun Lyeong Park, Junyoung Lee, Korea Univ Coll of Med, Seoul, Republic of; Kazunori Toyoda, Osaka, Japan; Hee-Joon Bae, Seoul Natl Univ Bundang Hosp, Seongnam-si Gyeonggi-do, Korea, Republic of; Jong-Young Kim, Chinchang Chung, Chung-Ang University, Seoul, Republic of; Sung-Jong Kim, Chinn-Sang Chung, Oh Young Bang, Myung-Ju Ahn, Samsung Medical Ctr, Seoul, Republic of

Poster Board Number P215 / Presentation Number TP215
Clinical Phenotypes of Obstructive Sleep Apnea in Stroke Patients: A Cluster Analysis
Sonja G. Schütz, Fatema Shafie-Khorassani, Erin Case, Brisa N. Sanchez, Lynda D. Lisabeth, Devin L. Brown, Univ of Michigan, Ann Arbor, MI

Poster Board Number P216 / Presentation Number TP216
Neighborhood Disadvantage is Associated With Hemorrhagic Stroke in Young Adults
Ikuya O Iwachou, Ochsner Medical Ctr, New Orleans, LA; Denise Danos, LSU Health Sciences Ctr, New Orleans, LA; Jessica Coleman, Ochsner Clinical Sch, New Orleans, LA; Aubrey Gilliland, LSU Health Sciences Ctr, New Orleans, LA; Katie Forsman, Ochsner Clinical Sch, New Orleans, LA; Mike Tran, Dong Nguyen, Ochsner Medical Ctr, New Orleans, LA; Richard Scribner, LSU Health Sciences Ctr, New Orleans, LA

Poster Board Number P217 / Presentation Number TP217
Longitudinal Study of Young Patients With Embolic Stroke of Undetermined Source (EUSUS)
Sarah Lee, Adam MacLellan, Stanford Univ Sch of Med, Palo Alto, CA; Sebastian F Ameriso, Inst of Neurological Res, Fleni, Buenos Aires, Argentina; Antonio Arazu, Inst Nacional de Neurologia y Neurocirugia Manuel Velasco Suárez, Mexico City, Mexico; Karl G Häusler, Univklinikum Würzburg, Würzburg, Germany; Marcel Arnold, Univ Hosp Bern, Bern, Switzerland; Lee A Birbaum, Univ of Texas Health Sciences Ctr at San Antonio, San Antonio, TX; Joe Martí-Fragues, Hosp de la Santa Creu i Sant Pau, Barcelona, Spain; Verónica V Olavarria, Clinica Alemana de Santiago, Santiago, Chile; Amanda Taylor, Kanjana S Perera, McMaster Univ, Hamilton, ON, Canada

Poster Board Number P218 / Presentation Number TP218
Prevalence and Impact of Intravascular Thrombosis in Patients With Cancer-
Minor Ischemic Stroke
Elena V. Ochisio, Inst of Neurological Res, Fleni, Buenos Aires, Argentina; Antonio Arazu, Inst Nacional de Neurología y Neurocirugía Manuel Velasco Suárez, Mexico City, Mexico; Jikei Univ Sch of Med, Tokyo, Japan; Marie Jankujova, Ezekiel Joseph Gatchalian, Robert McKnight, Ryan McCullough, Tina Burton, Brian MacGregor, Karen Furie, Shawna Cutting, Brown Univ, Providence, RI

Poster Board Number P219 / Presentation Number TP219
Two-Year Recurrence After First-Ever Stroke in a General Population of 1.4 Million Japanese: Shiga Stroke Registry
Naoyuki Takashima, Shiga Univ of Medical Science, Otsu, Shiga, Japan; Hitoshi Arima, Fukuo Univ, Fukuo, Japan; Yoshihiko Kita, Tsuruga Nursing Univ, Tsuruga, Japan; Takaku Fujii, Sachiko Tanaka, Satoshi Shitara, Akhiro Kilamara, Katsuyuki Miura, Kazuhiro Nozaki, Shiga Univ of Medical Science, Otsu, Shiga, Japan

Poster Board Number P220 / Presentation Number TP220
Volume of White Matter Disease Prior to Ischemic Stroke may Predict Outcome
Ariana Josefina Andrade, Shadi Yaghil, Andrew D Chang, Scott Collins, Derek Merck, Maurice V Jayaraman, Ryan McTaggart, Tina Burton, Brian MacGregor, Karen Furie, Shawna Cutting, Brown Univ, Providence, RI

Poster Board Number P221 / Presentation Number TP221
Determination of Glomerular Filtration Rate is Associated With Greater Cerebral Small Vessel Disease Burden in Ischemic Stroke Patients Aged Below 80 Years
Natalia R Ballan, Claudia Alonzo, Laura Brescacin, Clara Cesa, Pedro E Colla, Machado, Maria C Zurr, Hosp Italiano of Buenos Aires, Buenos Aires, Argentina

Poster Board Number P222 / Presentation Number TP222
Silent Brain Infarct (SBI) on MRI, Not White Matter Lesions, is Related to 10-year Stroke Risk Prediction in Middle-aged Healthy Japanese Individuals
Canako Muraga, Yasuhiro Nishiyama, Katsuhito Kato, Yoshiyuki Saiti, Toshiaki Otsuka, Kazunori Kimura, Nippon Medical Sch, Tokyo, Japan

Poster Board Number P223 / Presentation Number TP223
Increasing Stroke and MI Awareness in School Children
Lucie Vondrackova, Hana Pokorna, Veronika Sbodovona, Andrea Madalina Grecu, Marie Jankujova, Ezekiel Joseph Gatchalian, Robert McKnight, Ryan McCullough, Tina Burton, Brian MacGregor, Karen Furie, Shawna Cutting, Brown Univ, Providence, RI

Poster Board Number P224 / Presentation Number TP224
The Impact of Cerebral Microbleeds on Outcomes of Non-cardiogenic TIA and Minor Ischemic Stroke
Kenichi Sakata, The Jikei Univ Sch of Med, Chiba, Japan; Takeo Sato, Toppei Komatsu, Kenichiro Sakai, Yuka Terasawa, Hietaka Mitsuamura, Yasuyuki Iuchi, The Jikei Univ Sch of Med, Tokyo, Japan

Poster Board Number P225 / Presentation Number TP225
Prevalence and Impact of Intravascular Thrombosis in Patients With Cancer-
Associated Stroke
Jongmek Ha, Mi J Lee, Suk Jae Kim, Jong-Won Chung, Wou-Keun Seo, Gyoeong Moon Kim, Chin-Sang Chung, Oh Young Bang, Myung-Ju Ahn, Samsung Medical Ctr, Seoul, Republic of

Diagnosis of Stroke Etiology Posters II

Poster Board Number P237 / Presentation Number TP237 Characterization of Retrieved Thrombus Composition by Morphological, Histopathological and Imaging Analysis in Acute Ischemic Stroke Changhai Yoo, Gyeongsang Natl Univ Changwon Hosp, Changwon, Korea, Republic of; Young Soo Kim, Masan MH Yoonsi Hosp, Changwon, Korea, Republic of; Seung Kug Baik, Pusan Natl Univ Yangsan Hosp, Yangsan, Korea, Republic of; Seunguk Jung, Gyeongsang Natl Univ Changwon Hosp, Changwon, Korea, Republic of. Poster Board Number P238 / Presentation Number TP238 Detecting Intraplaque Hemorrhage in Carotid Ultrasound Using Machine Learning Leonard L Yeo, Natl Univ Hosp, Singapore, Singapore; Tian Ming Tu, Natl Neurological Inst, Singapore, Singapore; Vinitha Selvaraj, Sadaf Monajemi, Milad Mohammadzadeh, See-Mode Technologies, Singapore, Singapore; Benjamin Tan, Vijay Sharma, Natl Univ Hosp, Singapore, Singapore. Poster Board Number P239 / Presentation Number TP239 The Correlation Between Ultrasound Characteristics of Carotid Web and Ischemic Stroke Yang Hua, Jie Yang, Qiuqipng Li, Xuanwu Hosp, Beijing, China. Poster Board Number P240 / Presentation Number TP240 Non-Stenotic Cervical Carotid Plaque is More Common in Patients With ESUS James E Siegler, John Woo, Steven R. Messer, Brett Cucchiara, Hosp of the Univ of Pennsylvania, Philadelphia, PA. Poster Board Number P241 / Presentation Number TP241 Correlation of Mri Cerebral Perfusion Parameters and Carotid Plaque Characteristics Mireiam E Peckham, Seong-eun Kim, Dennis L. Parker, Lubdha M. Shah, Adam de Havennon, Scot McNally, Univ of Utah, Salt Lake City, UT. Poster Board Number P242 / Presentation Number TP242 Internal Carotid Artery Angle and the Risk of Floating Mural Thrombosis in Acute Cerebral Infarction Patients Yuki Abe, Todogawa Christian Hosp, Sita, Japan; Yohei Mima, Todogawa Christian Hosp, Osaka, Japan; Yoshiki Esu, Natl Hosp Organization Osaka Minami Medical Ctr, Kawachinagano, Japan; Aimi Tanaka, Todogawa Christian Hosp, Osaka, Japan; Naoko Ueda, Todogawa Christian Hosp, Sita, Japan; Ryuichi Ootsbu, Todogawa Christian Hosp, Osaka, Japan. Poster Board Number P243 / Presentation Number TP243 Relationship of Neutrophil-to-Lymphocyte Ratio to Stroke Subtype and Functional Outcome in Intracranial Artery Dissection Kenichiro Yi, Kaori Miwa, Tadataka Mizoguchi, Kenichi Irie, Naoki Makita, Hidekazu Chikuyu, Tetsu Sato, Jun C Takahashi, Hiroshi Yamagami, Masafumi Ibara, Kazunori Toyoda, Masatoishi Koga, Natl Cerebral and Cardiovascular Ctr, Sita, Osaka, Japan. Poster Board Number P244 / Presentation Number TP244 Angiographic Findings Associated With Ischemic and Hemorrhagic Stroke in Intracranial Artery Dissection Tadataka Mizoguchi, Kaori Miwa, Kenichiro Yi, Kenichiro Irie, Naoki Makita, Hidekazu Chikuyu, Tetsu Sato, Jun C Takahashi, Hiroshi Yamagami, Masafumi Ibara, Kazunori Toyoda, Masatoishi Koga, Natl Cerebral and Cardiovascular Ctr, Sita, Japan. Poster Board Number P245 / Presentation Number TP245 RVCS2 Score and Diagnostic Approach for Reversible Cerebral Vasostenruction Syndrome Eva A Roche, Univ Federal de Sao Paulo, Sao Paulo, Brazil; M. Akif Topcuoglu, Hacetxetve Univ, Ankara, Turkey; Giselle S Silva, Univ Federal de Sao Paulo, Sao Paulo, Brazil; Aneesh B Singhal, Massachusetts General Hosp, Boston, MA. Poster Board Number P246 / Presentation Number TP246 Thin Slice CTA Angiography is Useful for Detecting Aortic Arch Disease in Ischemic Stroke Patients Kug Baik, Pusan Natl Univ Yangsan Hosp, Yangsan, Korea, Republic of; Seunguk Jung, Gyeongsang Natl Univ Changwon Hosp, Changwon, Korea, Republic of. Poster Board Number P247 / Presentation Number TP247 High Prevalence of Moyamoya Syndrome in Appalachia: Increased Frequency of Autoimmune Disorders Michael J Nisiewicz, Michael R Dobbs, Patrick Kitzman, Marc Wolfe, Univ of Kentucky, Lexington, KY; Kelley Elkins, HealthCare Stroke Network, Lexington, KY; Justin F Fraser, Univ of Kentucky, Lexington, KY.
Emergent Therapeutic Interventions Beyond Thrombolysis in Patients Evaluated Through the In-Hospital Stroke Alert Protocol
Victor J Del Brutto, Univ of Miami Miller Sch of Med, Miami, FL; Fernando Goldenberg, Andrea Loggini, Zachary Bulwa, Faten El-Ammar, Raisa C Martinez, James R Bronson, The Univ of Chicago, Chicago, IL; Agnieszka Ardelt, Metro Health Ctr, Cleveland, OH

Primary Language Has No Affect on Onset to Emergency Arrival Time or Door to Needle Time for Intravenous Thrombolysis
Noriko Anderson, Afa Janarius, Dana Stradling, UCI, Orange, CA; Lisa Flanagan, UCI, Irvine, CA; Wengui Yu, UCI, Orange, CA

Streamlining the Enrollment Process in Acute Stroke Trials: Perspective From a Comprehensive Stroke Center
Kinga Aitken, Ka-Ho Wong, Crystal Neate, Michael Dela Cruz, Lee S. Chung, Adam H. de Havener, Dana L. DeWitt, Peter M. Hannon, Chelsea Meyer, Jordan Ruff, Jana J. Wold, Jennifer J. Majerensik, Univ of Utah, Salt Lake City, UT

Clinical and Neuroimaging Criteria to Improve Transfers to Comprehensive Stroke Centers for Endovascular Reperfusion Treatment Evaluation
Marta Rubiera, Manuel Requena, Sandra Boned, Hosp Univiri Vail d’Hebron, Barcelona, Spain; Natalia Perez de la Ossa, Hosp Univiri Germans Trias i Pujol, Badalona, Spain; Helena Quesada, Hosp Univiri Bellvitge, Hosp Univiri Vall d’Hebron, Barcelona, Spain; Xiaier Urra, Hosp Univiri Clinic, Barcelona, Spain; Pere Cardona, Hosp Univiri Bellvitge, Hosp Univiri de Llobregat; Spain; Angel Chamorro, Hosp Univiri Clinic, Barcelona, Spain; Antonio Davalos, Hosp Univiri Germans Trias i Pujol, Badalona, Spain; Carlos A Molina, Hosp Univiri Vall d’Hebron, Barcelona, Spain; Sonia Abilleira, Pla Director Malatia Vascular Cerebral I Agencia de Qualitat I Avaluacio Sanitaries de Catalunya (AQuAS), Barcelona, Spain; Marc Ribó, Hosp Univiri Vall d’Hebron, Barcelona, Spain; Catalan Stroke Code and Repertusion Consortium

Predictive model for Stroke Mimics during Code Stroke Evaluation
Mausaminben Hathidara, Joshua Santucci, James Dupree, Kimberly Hollabaugh, Bapaditya Ray, Evgeny Sidorov, University of Oklahoma Health Science Ctr, Oklahoma City, OK

Increase in Video Evaluations but Not Complications Over Time in a Large Stroke Network
Archit Bhatt, Elizabeth Baraban, Leslie Corless, Lindsay Lucas, Providence Health and Services, Portland, OR

Barriers Experienced by Emergency Medical Service Providers When Responding, Assessing, and Transporting Stroke Patients in a Rural State: Findings from Mission: Lifeline North Dakota
Olivia N Barnes, American Heart Association, Dallas, TX; Janna Pietrzak, American Heart Association, Jamestown, ND; Mindy Cook, American Heart Association, Eagan, MN; Shila Tharson, North Dakota Dept of Health, Bismarck, ND; S Shiraz Hyder, CHI St. Alexius Health, Bismarck, ND; Christina M Shay, American Heart Association, Dallas, TX

Improving Acute Stroke Management Through Multidisciplinary Case Simulation
Jussie Correa Lima, Univ of Connecticut, Hartford, CT; Catherine Hosley, Lincoln Abbott, Mathew Griswold, Cynthia Price, David Ruby, Thomas Nowicki, Dawn Beland, Emily Hoffman, Kelsey Mack, Amre Nouh, Hartford Hosp, Hartford, CT

Direct Visits to Comprehensive Stroke Centers Reduce Time Delays for Thrombolytic Therapy in Acute Ischemic Stroke
Chang Hun Kim, Jongsoo Kang, Soo-Kyoung Kim, Nack-Cheon Choi, Gyoeongsang Natl Univ Hosp, Jinju, Korea, Republic of

Communication Center Guided Prehospital Stroke Assessment Has Sustained Ability to Identify Patients With Large Vessel Occlusion
Toby I Groops, Melissa Gaz, Michael Minor, Abimbola Fadairo, Joe Acker, Univ of Alabama at Birmingham, Birmingham, AL

Ability to Identify Patients With Large Vessel Occlusion
Toby I Groops, Melissa Gaz, Michael Minor, Abimbola Fadairo, Joe Acker, Univ of Alabama at Birmingham, Birmingham, AL

EEG Has High Precision for Diagnosing Stroke Hours After Onset
Fareshte Eranj, Drexel Univ, Philadelphia, PA; Nadezhda Zolotova, Benjamin Vanderschelden, Jennifer C Wu, Aniruddh Wodeyar, Hagop Sarajian, Bharath Chakravarthy, Wu Minh, Hoopongsanman, Wengui Yu, Ramabh Srinivasan, Babak Shahbaei, Steven Cramer, Univ of California, Irvine, Irvine, CA

Emergent Medicine Physicians Can Reliably Treat Stroke Patients with tPA Using a Checklist
Kethevan Berekashvili, Alicia M Zha, Xu Zhang, Mohammed M Abdel-Al, Univ of Texas Houston, Houston, TX; Jazba H Soomro, Texas Stroke Inst, Dallas, TX; Samuel J Prater, Univ of Texas Houston, Houston, TX; James C Grotta, Stroke Res and Mobile Stroke Unit Memorial Hermann Hosp, Houston, TX

A Novel Mechanism for Hemorrhagic Transformation of Ischemic Strokes
Yi Zheng, Massachusetts General Hosp, Charlestown, MA; Franziska Lieschke, Christian Foeche, J. W. Goethe-Univ Frankfurt, Frankfurt, Germany; Xiaoying Wang, Klaus Van Leyen, Massachusetts General Hosp, Charlestown, MA

Histone Deacetylase 3 as a Novel Therapeutic Target for Ischemic Stroke
Anjand Shehadeh, Rudy Matheson, Khei Chi, Mapoly Selim, Beth Israel Deacness Medical Ctr, Boston, MA; Eng Lo, Massachusetts General Hosp, Boston, MA

Chemokine Production by Microglia Mediates Blood-Derived Monocytes Trafficking in Neuroinflammation

Ethyl Pyruvate Treatment Increases Post-ischemic Levels of Selected Metabolites Detected by Labelled Cerebral Microdialysis
Kevin H Nygaard, Odense Univ Hosp, Odense, Denmark; Jesper Havelund, Univ of Southern Denmark, Odense, Denmark; Troels H Nielsen, Stanford Univ Sch of Med, Stanford, CA; Niels J Fagerman, Univ of Southern Denmark, Odense, Denmark; Carl-Henrik Nordström, Frantz R Poulsen, Odense Univ Hosp, Odense, Denmark; Jan Bert Grantsbergen, Univ of Southern Denmark, Odense, Denmark; Axel Forsøe, Odense Univ Hosp, Odense, Denmark

Vasoinhibins Overexpression in the Central Nervous System Leads to an Increased Damage After an Ischemic Insult, While Endogenous Prolactin is Neuroprotective
Ximena Castillo, UNAM, Queretaro, Mexico; Luis B Tovar y Romo, UNAM, Mexico City, Mexico; Carmen Clapp, Gonzalo Martinez de la Escalera, UNAM, Queretaro, Mexico

Endothelial Nitric Oxide Synthase (eNOS) Inhibition Abolishes the Exercise-Induced Improvement in Neurovascular and Neurobehavioral Stroke Outcomes
Sherif S Hafez, Larkin Univ, Miami, FL; Mohamed B. Khan, David C. Hess, Augusta Univ, Augusta, GA

Role of PG2 EP1 Receptor Antagonist on Stroke Outcomes in Alzheimer Disease Mouse Models
Fulvio R Mendes, Jenna L Leclerc, Lei Liu, Pradip Kamat, Damian Hernandez, Arash Naziripour, Abdullah S Ahmad, Sylvain Dore, Univ of Florida, Gainesville, FL

Viral Mediated Gene Delivery of TMB166 Protects the Neonatal Brain
Desislava Doycheva, Ningbo Xu, Jiqing Tang, John H. Zhang, Loma Linda Univ, Loma Linda, CA

Novel Combinatory Therapy With LAU-0901 Plus NPD1 for Experimental Ischemic Stroke
Ludmila Belayev, Larissa Khoutorova, Pranab K. Mukherjee, Louisiana State Univ, New Orleans, LA; Andre Obenaus, Univ of California, Irvine, Irvine, CA; Nicolas G. Bazan, Louisiana State Univ, New Orleans, LA
Poster Board Number P324 / Presentation Number TP324
Carbon Monoxide Improves Behavioral and Anatomical Outcomes After Brain Trauma in Middle-Aged Female Mice
Saher Khalaf, Nikita Golovachev, Artem Dadamyan, Sylvain Dore, Univ of Florida, Gainesville, FL

Poster Board Number P325 / Presentation Number TP325
Neuronal Gluconeogenesis: A Novel Neuroprotective Target in Ischemic Stroke
Xiaokun Geng, Beijing Luhe Hosp, Capital Medical Univ, Beijing, China; Christopher Stone, Wayne State Univ Sch Med, Detroit, MI; James Shen, Longfeng Guan, Beijing Luhe Hosp, Capital Medical Univ, Beijing, China; Donald DeGracia, Yuchuan Ding, Wayne State Univ Sch Med, Detroit, MI

Poster Board Number P326 / Presentation Number TP326
Nitro-Oleic Acid Ameliorates Blood-Brain Barrier Disruption and Promotes Neurovascular Protection After Ischemic Stroke
Moxi Su, Xuelian Tang, Xuejiang Zhang, Univ Pittsburgh Sch of Med, Pittsburgh, PA; Milton H. Hamblin, Tulane Univ Sch of Med, New Orleans, LA; Ke-Jie Yin, Univ Pittsburgh Sch of Med, Pittsburgh, PA

Poster Board Number P327 / Presentation Number TP327
Plant Long-Chain Isoprenoid Alcohols (Polyprenols) Protect Against Cerebral Ischemia and Reperfusion Injury in a Mouse Model of Stroke
Maria Shvedova, Massachusetts General Hosp, Cardiovascular Res Ctr, Div of Cardiology, Charlestown, MA; Vagl Soutantov, Vladimir Trusov, Prolenica Limited (formerly Solagran Limited), Biotechnology Company, South Melbourne, Australia; Dmitry N. Atochin, Massachusetts General Hosp, Cardiovascular Res Ctr, Div of Cardiology, Charlestown, MA

Poster Board Number P328 / Presentation Number TP328
Platelet Hyperactivity Leads to Increased Microthrombi After Subarachnoid Hemorrhage in Mice
Devin W McBride, Kanako Matsumura, Peeyush Kumar T., Tejesh Guddantti, Stephen Capone, Spiros L. Blackburn, Univ of Texas Health Science Ctr at Houston, Houston, TX

Poster Board Number P329 / Presentation Number TP329
Continuous Intracerebroventricular Injection of Brain-derived Neurotrophic Factor Increases Stroke Onset via Elevation of Blood Pressure in Hypertensive Rats
Yu Hasagawa, Yushin Takemoto, Kenyu Hayashi, Shokei Kim-Mitsuayama, Kumamoto Univ Sch of Med, Kumamoto, Japan

Poster Board Number P330 / Presentation Number TP330
Selective Brain Hypothermia Augments Neuroprotective Effects of Decompressive Cranietomy for Permanent Middle Cerebral Artery Infarction in a Rat Model
Jaechan Park, Youngmin Han, Kyungpoook Natl Univ Hosp, Daegu, Korea, Republic of

Poster Board Number P331 / Presentation Number TP331
Association Between Serum Trimethylamine N-oxide (TMAO) Levels and Infarction Volume in Mice Ischemic Stroke Model
Jimin Ha, Brain Korea 21 Plus Project for Medical Science, Yonsei Univ, Seoul, Korea, Republic of; Il Kwon, Da-jong Ju, Yonsei Univ Coll of Med, Seoul, Korea, Republic of; Hyun-jung Choi, Severance Integrative Res Inst for Cerebral & Cardiovascular Diseases, Yonsei Univ Coll of Med, Seoul, Korea, Republic of; Ji Hoe Heo, Sang-Guk Lee, Hyo Suk Nam, Yonsei Univ Coll of Med, Seoul, Korea, Republic of

Poster Board Number P332 / Presentation Number TP332
Hypoxia-Inducible Factor 1-Alpha (HIF1-α)-Mediated Phosphoenolpyruvate (PEP) Carboxykinase-1 (PCK1) Upregulation & Metabolic Injury in Stroke
Eric C Cosky, Wayne State Univ Sch Med, Detroit, MI; Longfeng Guan, Jiamen Shen, Xiaokun Geng, Beijing Luhe Hosp, Capital Medical Univ, Beijing, China; Yuchuan Ding, Wayne State Univ Sch Med, Detroit, MI

Poster Board Number P333 / Presentation Number TP333
Motor Recovery After Transient Middle Cerebral Artery Occlusion May be Impacted by the Disruption of Nucleus Basalis-Cortical Cholinergic Pathways
Nirav Dhanesha, Thomas Schnell, Salah Rahmatalla, Jonathan DeShaw, Bradley Parker, Anil Chauhan, Andrew Pieper, Enrique Leira, Univ of Iowa, Iowa City, IA

Poster Board Number P334 / Presentation Number TP334
A Novel Murine Model of the Effects of Helicopter Emergency Medical Services Transportation on Ischemia and Thrombolysis
Noriko Inoue, Thomas D. Steglmann, Miguel A. Perez-Pinzon, Univ of Miami, Miami, FL
Early Mobilization Following Recombinant Tissue Plasminogen Activator Administration and/or Mechanical Thrombectomy Reduces Length of Stay
Kevin O’Connor, Allison Frazure, Margie Campbell, Megan Polly, Katie Reckner, Jessica D Lee, Univ of Kentucky, Lexington, KY
Poster Board Number P346 / Presentation Number TP346

Out-of-Pocket Healthcare Expenditures Among Older Americans With Stroke: Data From the Medical Expenditure Panel Survey 2003-2014
Alain Lekoumbou, Kinfe Bishu, MUSC, Charleston, SC; Ovbiagile Bruce, Univ of San Francisco, San Francisco, CA
Poster Board Number P347 / Presentation Number TP347

The Stroke Transitions Education and Prevention (STEP) Clinic: A Learning Healthcare Model for Post-Stroke Care
Evelyn Hinojosa, Munachi N Okpata, Gail Cooksey, Mc Govern Medical Sch, Houston, TX; M Carter Denny, Georgetown Univ Medical Ctr, Washington, DC; Sean I Savitz, Anjail Z Sharrief, Mc Govern Medical Sch, Houston, TX
Poster Board Number P348 / Presentation Number TP348

Early Palliative Care Consultation in Acute Stroke
Adam Hartman, Misty Ashby, Victoria Buechel, Molly Williams, Lindsay Trantum, Mohana Karlekar, Eli Zimmerman, Vanderbuilt Univ Medical Ctr, Nashville, TN
Poster Board Number P349 / Presentation Number TP349

Submitted and Accepted Abstracts by Sex at the International Stroke Conference: Analysis of Trends From 2014-2018
Lauren E. Fournier, Liang Zhu, The Univ of Texas Health Science Ctr at Houston, Houston, TX; Miguel A. Perez-Pinzon, Univ of Miami Miller Sch of Med, Miami, FL; Bruce Ovbiagile, Univ of California, San Francisco, San Francisco, CA; Louise D McCullough, Anjail Z Sharrief, The Univ of Texas Health Science Ctr at Houston, Houston, TX
Poster Board Number P350 / Presentation Number TP350

Expansion of Advanced Practice Provider Stroke Service to 24/7 In-House Coverage Improves Stroke Measure Compliance and Ensures Successful Comprehensive Certification
Christina Mathews, Benjamin Morrow, Ashutosh Jadhav, UPMC Stroke Inst, Pittsburgh, PA; Susan Underwood, UPMC Mercy Hosp, Pittsburgh, PA; Annette Clements, UPMC Stroke Inst, Pittsburgh, PA
Poster Board Number P351 / Presentation Number TP351

Comorbid Psychiatric Disease is Associated With Lower Revascularization Rates for Stroke Due to Carotid Stenosis
Diana M Bongiorno, Gail L Daumit, Rebecca F Gottesman, Roland Faigle, Johns Hopkins Univ Sch of Med, Baltimore, MD
Poster Board Number P352 / Presentation Number TP352

Work Flow Optimization in Acute Stroke Therapy in a Community Based Comprehensive Stroke Center
Amin N Aghaebrahim, Manuel F Granja, Guilherme Agnoletto, Roberta Santos, Wendy Work Flow Optimization in Acute Stroke Therapy in a Community Based Comprehensive Stroke Center
Amin N Aghaebrahim, Manuel F Granja, Guilherme Agnoletto, Roberta Santos, Wendy
Poster Board Number P353 / Presentation Number TP353

Accuracy of Self-reported 90-day Home Time in Stroke Survivors: Data from the Michigan Stroke Transitions Trial (MISTT)
Mathew J Reeves, Michele C Fritz, Michael P Bridges, Michigan State Univ, East Lansing, MI
Poster Board Number P354 / Presentation Number TP354

Usage of New Oral Anticoagulants Among Acute Ischemic Stroke Patients with Atrial Fibrillation in China: Findings From Chinese Stroke Center Alliance
Ziduo Li, Yongjun Wang, Yifang Wang, Xingqiao Zhao, Hongjie Gu, Xi Yang, Chunjuan Wang, Beijing Tiantan Hosp, Beijing, China
Poster Board Number P355 / Presentation Number TP355

Rate of Deep Vein Thrombosis in Patients When Pharmacological DVT Prophylaxis is Delayed Due To IV IAP Use
Syed F Ali, Thomas Hemmen, Univ California, San Diego, La Jolla, CA; Krishna Nalleballe, Sanjeeva Onteddu, Univ of Arkansas for Medical Sciences, Little Rock, AR; Lee H. Schwamm, Massachusetts General Hosp, Boston, MA
Poster Board Number P356 / Presentation Number TP356

Renal Function and In-Hospital Outcomes in Patients With Acute Cerebrovascular Disease: Results From Chinese Stroke Center Alliance
Xuewei Xie, Xiangwei Wang, Zixiao Li, Dept of Neurology, Beijing Tiantan Hosp, Capital Medical Univ, Beijing, China; Rong Chen, Inst of Molecular Med, Yingjie Ctr, Peking Univ, Beijing, China; Yongjun Wang, Dept of Neurology, Beijing Tiantan Hosp, Capital Medical Univ, Beijing, China
Poster Board Number P357 / Presentation Number TP357

Large Five State Health System Standardizes Stroke Patient Education While Significantly Improving Health Literacy
Natalie Swearingen, Leslie Corless, Providence Brain and Spine Inst, Portland, OR; Jessica Swann, Providence St. Joseph Health, Renton, WA; Kailly Cox, Providence Brain and Spine Inst, Portland, OR; Diane Lada, Providence Alaska Medical Ctr, Anchorage, AK; Elizabeth Baraban, Providence Brain and Spine Inst, Portland, OR
Poster Board Number P358 / Presentation Number TP358

Delirium is Associated With Increased Readmissions and Mortality in Patients With Acute Ischemic Stroke
Chirag Savani, Univ of South Florida, Tampa, FL; Varun Kumar, Mt Sinai St Luke’s Roosevelt Hosp Ctr, New York, NY; Tejinder Singh, Xiyan Yi, Univ of South Florida, Tampa, FL; Ambarish Pathak, New York Medical Coll, New York, NY; Anjula Chib, Southeast Alabama Medical Ctr, Dothan, AL; Swetha Renati, Univ of South Florida, Tampa, FL
Poster Board Number P359 / Presentation Number TP359

Reducing Door-In-Door-Out Time for Stroke Using Failure Mode, Effects, and Criticality Analysis
Scott J Mendelson, Rebeca Khorzad, Amy Barnard, Christopher Richards, Babak Jahromi, Richard Bernstein, Shyam Prabhakaran, Northwestern Univ, Chicago, IL
Poster Board Number P360 / Presentation Number TP360

Does Weekend Admission for Intravenous Thrombolysis Post-Acute Ischemic Stroke Associated With Worse Short-Term Outcomes? A 5-Years Experience
Varun Kumar, Mt Sinai St Luke’s Roosevelt Hosp Ctr, New York, NY; Chirag Savani, Tejinder Singh, Xiyan Yi, Univ of South Florida, Tampa, FL; Reena Motwani, Trihealth Good Samaritan Hosp Cincinnati OH, Cincinnati, OH; Anjula Chib, Southeast Alabama Medical Ctr, Dothan, AL; Ambarish Pathak, New York Medical Coll, New York, NY
Poster Board Number P361 / Presentation Number TP361

Implementation of a 24-Hour Stroke Code Window Does Not Impact Stroke Code Volume or Yield
Lili Velickovic Ostojic, Mount Sinai Downtown, New York, NY; Danielle Wheelwright, Tara Roche, Michael G Far, Johanna T Fill, Hazem Shirah, I. Paul Singh, Jacob R Morey, Stanley Tuhrim, Laura Stein, Icahn Sch of Med at Mount Sinai, New York, NY
Poster Board Number P362 / Presentation Number TP362

Comparison of the Simplified Modified Rankin Scale Questionnaire With Conventional Neurological Scales in the Dose Arm of the Enchanted Study
Xiang Chen, Craig S Anderson, Xia Wang, The George Inst for Global Health, Sydney, Australia; Thompson Robinon, Univ of Leicester, Leicester, United Kingdom; Pablo M Lavados, Facultad de Medicina, Univ de Chile, Santiago, Chile; Richard J Lindley, John Chalmers, Candice Delcourt, The George Inst for Global Health, Sydney, Australia
Poster Board Number P363 / Presentation Number TP363

Early Changes in Stroke Severity: Characterization and Impact on Patient-Centered Stroke Outcomes
Robert Regenhardt, David J Lin, Samuel Snider, Alison Cloutier, Fabio Giatisidis, Jessica A Ranford, Kristin Parlman, Judy Clark, Kiera S Macdonald, Seth P Finklestein, Jonathan Rosand, Leigh R Hochberg, Massachusetts General Hosp, Boston, MA
Poster Board Number P364 / Presentation Number TP364

Concordance Between Self-Reported and Physician Diagnosis of Stroke Type in Hypertensive Minority Stroke Survivors: Implications for Population Health Research
Adetayo O Ogunlade, Jennifer Joseph, Leydi Peyano, Jacqueline Montesdeoca, Tanya Spruill, Stephen K Williams, NYU Sch of Med, New York, NY; Jeanne Teresi, Hebrew Home at Riverdale, Bronx, NY; Olajide Williams, Columbia Univ, New York, NY; Gbenga Ogbedege, NYU Sch of Med, New York, NY
Poster Board Number P365 / Presentation Number TP365

Clinical Predictors of Ischemic Stroke in Patients Presenting With Altered Mental Status
Aliona Nacu, Asma Moussaoui, Mohammed Alkwaili, Mustapha Ezzeddine, Univ of Minnesota, Minneapolis, MN
Poster Board Number P423 / Presentation Number TP423
Risk Factors for Intracranial Hemorrhage in Cerebral Venous Thrombosis
Khaled Affifi, Florey Inst of Neuroscience and Mental Health, Heidelberg, Australia; Guillaume Bellanger, CHU Toulouse, Toulouse, France; Yvonnie Zuurbier, Academic Medical Ctr, Amsterdam, Netherlands; Carlos Garcia-Escobar, John Hunter Hosp, Newcastle, Australia; Miguel Barboza, Univ de Costa Rica, San Jose, Costa Rica; Pieter-Jan Buyck, Univ Hosp Leuven, Leuven, Belgium; Paolo Costa, Neurology Clinic, Brescia, Italy; Irene Escudero, Univ Hosp Virgen del Rocio, Sevilla, Spain; Dimitri Renard, CHU Nimes, Nimes, France; Robin Lemmens, Univ Hosp Leuven, Leuven, Belgium; Nicole Hinteregger, Franz Fazekas, Univ Hosp Graz, Graz, Austria; Jordi Jimenez Conde, Hosp del Mar Medical Res Inst (IMIM), Barcelona, Spain; Eva Giralt-Steinhauer, IMIM-Hosp del Mar, Barcelona, Spain; Sini Hiltunen, Helsinki Univ Hosp, Helsinki, Finland; Alessandro Pezzini, Neurology Clinic Univ of Brescia, Brescia, Italy; Joao Montaner, Hosp Univirio Virgins Macarena, Sevilla, Spain; Christian Weimar, Univ Hosp Essen, Essen, Germany; Leonid Churilov, Florey Inst of Neuroscience and Mental Health, Heidelberg, Australia; Thomas Gattringer, Medical Univ of Graz, Graz, Austria; Hamed Asadi, Austin Health, Heidelberg, Australia; Turgut Tallusumak, Sahlgrenska Univ Hosp, Gothenburg, Sweden; Jonathan Coulinho, Academic Medical Ctr, Amsterdam, Netherlands; Philippe Demaerel, Univ Hosp Leuven, Leuven, Belgium; Vincent Thijis, Florey Inst of Neuroscience and Mental Health, Heidelberg, Australia

Poster Board Number P424 / Presentation Number TP424
Histoprotol Clot Liquefaction in a Porcine Intracerebral Hemorrhage Model
Tyler Gerhardson, Jonathan Sukovich, Neeraj Chaudhary, Tom Chenevert, Kim Ives, Tim Hall, Sandra Camacho-Piragua, Zhen Xu, Adhya Pandey, Univ of Michigan, Ann Arbor, MI

Poster Board Number P425 / Presentation Number TP425
Prevalence and Predictors of Cortical Superficial Siderosis Among African Americans with Ischemic Stroke and Transient Ischemic Attack
Brandon Finn, Saleh Abbas, Fe Maria Cajiga-Pena, Benjamin Petrie, Thanh Nguyen, Hugo Aparicio, David M Greer, Helena Lau, Jose Rafael Romero, Boston Univ Sch of Med, Boston, MA

Poster Board Number P426 / Presentation Number TP426
Description of Early Hematoma Expansion Trajectory and Rate of Expansion in Patients With Intracranial Hemorrhage
Adrian M Burgos, Geffen Sch of Med at UCLA, Downey, CA; Pritcham Vilaisakkipa-korn, Univ of Chicago Med, Chicago, IL; Kristina Shkirkova, Nerses Sanossian, Keck Sch of Med at USC, Los Angeles, CA; Jeffrey L. Saver, Pablo Villablanca, Sidney Starkman, David S Liebeskind, Geffen Sch of Med at UCLA, Los Angeles, CA; FAST-MAG Investigators and Coordinators

Poster Board Number P427 / Presentation Number TP427
Association of Chronic Hyperglycemia With Poor Outcome of Acute Hemorrhagic Stroke
Huihui Liu, Second Affiliated Hosp of Soochow Univ, Suzhou, China; Yusong Pan, Huaguang Zheng, Hao Li, Beijing TianTan Hosp, Capital Medical Univ, Beijing, China; David Wang, INI Stroke Network, OSF Healthcare System, Univ of Illinois Coll of Med, Peoria, IL; Chunfeng Liu, Second Affiliated Hosp of Soochow Univ, Suzhou, China; Yilong Wang, Yongjun Wang, Beijing TianTan Hosp, Capital Medical Univ, Beijing, China

Poster Board Number P428 / Presentation Number TP428
Hypertension Severity and Stroke Recurrence Risk among Oldest Old Intracerebral Hemorrhage Survivors
Axana Rodriguez-Torres, Christina Kourkoulis, Kristin Schwab, Steven Greenberg, Anand Viswanathan, Christopher Anderson, Jonathan Rosand, Alessandro Biffi, Massachusetts General Hosp, Boston, MA

Poster Board Number P429 / Presentation Number TP429
Predictors of Increased Blood Pressure Variability in Acute Intracranial Hemorrhage: A Secondary Analysis of the ATACH-2
Adam de Havenon, Jerdan Ruff, Ka-ho Wong, Chelsea Meyer, Univ of Utah, Salt Lake City, UT

Poster Board Number P430 / Presentation Number TP430
Early Neurological Improvement and Deterioration in Patients With Primary Intracerebral Hemorrhage Predicts 90-Day Functional Outcome: Analysis From ATACH-2 Trial
Shahram Majidi, Icahn Sch of Med at Mount Sinai, New York, NY; Renee J Martin, ATACH-2 Trial

Poster Board Number P431 / Presentation Number TP431
Primary Occipital Lobar Hemorrhages Associated With Lower 1-Year Case-Fatality
Rachel Pan, Ashley D. Blatsoiris, Elizabeth A. Moser, IU Sch of Med, Indianapolis, IN; Revan J. Carter, R. Regenstrief Inst, Indianapolis, IN; Chandan Saha, Aaron A. Cohen-Gadol, Thomas J. Leipzizg, Linda S. Williams, Jason Mackey, IU Sch of Med, Indianapolis, IN

Poster Board Number P432 / Presentation Number TP432
Dilated Optic Nerve Sheath Diameter by Trans-Orbital Ultrasound Predicts Mortality Among Patients With Acute Intracerebral Hemorrhage
Francisco A Dias, Clara M Barreira, Maria Clara Z Zontin, Frederico F Alessio-Alves, Ribeirão Preto Medical Sch - Univ of Sao Paulo, Ribeirão Preto, Brazil; Rui K Martins, Ribeirão Preto Medical Sch - Univ of Sao Paulo, Ribeirão Preto, Brazil; Gregoire Boulouis, Massachusetts General Hosp - Harvard Medical Sch, Boston, MA; Paula M Ventrerelli, Clinica Alema, Santiago, Chile; Alan Flores, Hosp de Clinicas - Uni Nacionaal de Assuncion, Assuncion, Paraguay; Pablo Lavados, Clinica Alema, Santiago, Brazil; Joshua N Goldstein, Massachusetts General Hosp - Harvard Medical Sch, Boston, MA; Octavio M Pontes-Neto, Ribeirão Preto Medical Sch - Univ of Sao Paulo, Ribeirão Preto, Brazil

Poster Board Number P433 / Presentation Number TP433
Structural, Molecular and Physiologic Alterations in Patients With Lobar Microbleeds
Ellie Gokal, Panagiotis Foliadis, J. Alex Becker, Kristin Schwab, Joshua Goldstein, Jonathan Rosand, Anand Viswanathan, Steven M. Greenberg, M. Edip Gurrol, Massachusetts General Hosp, Boston, MA

Poster Board Number P434 / Presentation Number TP434
Intracerebral Hemorrhage in Orange County: Who Gets Tested for Methamphetamines and Why Might It Matter?
Sahar Osman, Zhu Zhu, Mark Farag, Leonid Goryszyn, Cyrus K Dastur, Yama Akbari, Sara Stern-Nezer, Dana Strading, Wengyu Yu, Univ of California, Irvine, Orange, CA

Poster Board Number P435 / Presentation Number TP435
Development of Outcome Models for Intracerebral Hemorrhage Using Patient Level Data From ATACH-II and Information Theory to Identify the Best Predictors
Pitchaiah Mandavwa, Michael E Debokey VA Med Ctr, Houston, TX; Omar Saed, Adnan I Qureshi, Zeenat Qureshi Stroke Inst, St Cloud, MN; Thomas A Kent, Engineering Medical Sch (EnMed), Houston, TX

Poster Board Number P436 / Presentation Number TP436
Minimally Invasive Endoscopic Hematoma Evacuation vs. Best Medical Management for Spontaneous Basal Ganglia Intracerebral Hemorrhage
Nitin Goyal, Georgios Tsivgoulos, UTHSC, Memphis, TN; Konark Malhotra, West Virginia Univ - Charleston Div, Charleston, WV; Aristeidis Katsanos, Attikon Univ Hosp Sch of Med, Athens, Greece; Abhi Pandhi, Khalid Alshebini, UTHSC, Memphis, TN; Jason Chang, Medstat Washington Hosp Ctr, Washington, DC; Daniel Holt, Andrei Alexandrov, Lucas Eljaz, UTHSC, Memphis, TN; David Fiorella, Stony Brook Medical Ctr, Stony Brook, NY; Christopher Nickele, Adam S Arthur, UTHSC, Memphis, TN

Poster Board Number P437 / Presentation Number TP437
Machine Learning Based Approach for Predicting High In-Hospital Systolic Blood Pressure Variability Among Intracerebral Hemorrhage Patients During Early Hospitalization
Christopher J Fraher, Arvind B Bambhroliya, Jennifer R Meeks, Sean I Savitz, Farhaan S Vahidy, The Univ of Texas Health Science Ctr at Houston, Houston, TX

Poster Board Number P438 / Presentation Number TP438
Cigarette Smoking History and Functional Outcomes After Spontaneous Intracerebral Hemorrhage
Ching-Jen Chen, Univ of Virginia, Charlottesville, VA; Dale Ding, Univ of Louisville, Louisville, KY; Natasha Ironside, Columbus Univ, New York, NY; Thomas J Buell, Andrew M Southerland, Univ of Virginia, Charlottesville, VA; Sebastian Koch, Univ of Miami, Miami, FL; Matthew Flaherty, Daniel Woo, Univ of Cincinnati, Cincinnati, OH; Bradford B Worall, Univ of Virginia, Charlottesville, VA; ERICH Investigators

Poster Board Number P439 / Presentation Number TP439
Temporal Evolution of Blood-brain Barrier Permeability After Acute Spontaneous Intracerebral Hemorrhage: A CT Perfusion Study
Xin Wang, Huachen Zhu, Jian Zhou, Xingquan Zhao, Beijing Tiantan Hosp, Beijing, China; Andrew M Southerland, Univ of Virginia, Charlottesville, VA; Sebastian Koch, Univ of Miami, Miami, FL; Matthew Flaherty, Daniel Woo, Univ of Cincinnati, Cincinnati, OH; Bradford B Worall, Univ of Virginia, Charlottesville, VA; ERICH Investigators

Poster Board Number P440 / Presentation Number TP440
Predictors and Associated Outcomes With Anticipated Surgical Evacuation in Patients With Intracerebral Hemorrhage: Post Hoc Analysis of ATACH 2 Trial
Adnan Qureshi, Omar Saed, Muhtaq Qureshi, Zeenat Qureshi Stroke Inst, St Cloud, MN
Post-Rescue Oxygen Delivery: A Systematic Review of Randomized Controlled Trials

Poster Board Number P460 / Presentation Number TP460
Recognizing Large Vessel Occlusions Earlier in the Stroke Alert Process
Brenda L. Hartmann, Naples Community Healthcare System, Naples, FL

Poster Board Number P461 / Presentation Number TP461
Predictors of Glaucion Puncture Complication After Endovascular Therapies
Estela Sanjuan, Maria Teresa Rodriguez, Montserrat Ramos, Gloria Dalmases, Pilar Giron, Marta Rubiera, Katherine E Santana, Victoria Sala, Olalla Pancorbo, Marc Ribo, Sandra Bonet, Noelia Rodriguez, Jesus M Juego, Alvaro Garcia-Tornel, Marian Muchacha, David Rodriguez Luna, Jorge Paggela, Estefania Montiel, Manuel Requena, Carlos A Molina, Vall d’Hebron Hosp, Barcelona, Spain

Poster Board Number P462 / Presentation Number TP462
Recruitment of African Americans in Blood Pressure Reduction Trials for Secondary Stroke Prevention
Gail Cooksey, Munachi N Okpala, Evelyn Hinojosa, McGeorge Medical Sch, Houston, TX; Lyrid Baldrige, Spellman Univ, Atlanta, GA; Keona Wynne, Howard Univ, Washington, DC; C Carter Denny, Georgetown Univ Medical Ctr, Washington, DC; Sean I Savitz, Anjali Z Shnairf, McGeorge Medical Sch, Houston, TX

Poster Board Number P463 / Presentation Number TP463
Enhancing Access to Stroke Neurology Care for Patients With Sickle Cell Disease
Melissa Lara-Angulo, Robert Molokie, Fernando D Testai, Univ of Illinois Hosp, Chicago, IL

Poster Board Number P464 / Presentation Number TP464
System Changes Decrease Emergency Department Length of Stay for Hemorrhagic Stroke Patients
Carrie A Cobos, Cleidio C DeSouza, Leslie Duke, Donna Kotlar, Shipley Desara, Loma Linda Univ Medical Ctr, Loma Linda, CA

Poster Board Number P465 / Presentation Number TP465
Improved 30 Day Readmission Rates in the Acute Stroke Population Through Patient Teach Back
Angelina Buerck, Allison Rupp, Elizabeth Kozub, Abbott Northwestern Hosp, Minneapolis, MN

Poster Board Number P466 / Presentation Number TP466
Smoking and Clopidogrel Effect in Ischemic Stroke
Hyun Goo Kang, Chonbuk Natl Univ, Jeonju, Korea, Republic of; Sang Woo Ha, Chosun Univ Hosp, Gwangju, Korea, Republic of; Bum Joon Kim, Kyung Hee Univ Hosp, Seoul, Korea, Republic of

Poster Board Number P467 / Presentation Number TP467
Prioritize- Ensure the Health of Your Community
Nicole L. Anderson, Essentia Health St. Joseph’s Medical Ctr, Brainerd, MN; Claire K Fleming, Albert W Tsai, Minnesota Dept of Health, St. Paul, MN

Poster Board Number P468 / Presentation Number TP468
Inter-rater Reliability Process Optimizes Quality of a Registries Data
Dot Bluma, MetaStar, Madison, WI; Kathy Polum, Bellin Memorial Hosp, Green Bay, WI; Jessica Link, Wisconsin Dept of Health Services, Madison, WI

Poster Board Number P469 / Presentation Number TP469
The Goal Attainment Measure (GAM-S) for Secondary Stroke Risk Factors Management: Pilot Test and Psychometric Analysis
Barbara Kimmel, Jane Anderson, Baylor Coll of Med, Houston, TX; Paul R Swank, Michael D Swartz, UT Sch of Public Health, Houston, TX; Joyce Bunn, Michael E. Debakey VA Medical Ctr, Houston, TX; Ross Shegog, UT Sch of Public Health, Houston, TX

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Sang Kyu Park, Yun Jung Nam, Incheon St Mary S Hosp, Incheon, Korea, Republic of

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Catherine Ann Sparsh, Leslie Walter, Judith Failing, WellSpan Health, York, PA

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Joshua Talley, Samuel J. Hood, Matt Oden, Jitendra Sharma, Brookwood Baptist Medical Ctr, Birmingham, AL

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Joshua Baker, Dept of Veterans Affairs, Christiana, PA

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Katie Broadway, Stephanie Jeansonne, Jason Lee, Houston Methodist Hosp, Houston, TX

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Syeda Maria Muzammil, Oklahoma Univ Health Sciences, Oklahoma City, OK; Hsuain Farhui, VA Medical Ctr, Oklahoma City, OK; Diya Singhal, VA Medical Ctr, Oklahoma City, OK

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Michelle F Vallesluga, Kyle Choquette, Josh L Onyan, Patricia Veinot, Jennifer Schleier, Margaret Surrerna, Christopher Stanton, Mary Catherine Harmon, Upstate Univ Hosp, Syracuse, NY

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Jennifer Cave-Brown, John Muir Health, Walnut Creek, CA; Maria Fairbanks, Contra Costa County EMS, Martinez, CA; Melissa Meighan, Kaiser Permanente, Oakland, CA; Elaina Petrucci Gunn, American Heart Association, Oakland, CA

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Joshua M Thomas, Breanna Complian, Alicia Sanders, Abigail Owunna, St. Davids Medical Ctr, Austin, TX

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Early Differential Expression of Chemotactic Genes in Peripheral Blood May Predict Poststroke Blood Brain Barrier Disruption
Taura L Barr, Grant O’Connell, Valtari Bio, Morgantown, WV; Paul Chantler, West Virginia Univ, Morgantown, WV; Steven Warach, Univ of Texas Austin, Austin, TX

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Joy Sessa, Brijesh P Mehta, Andrey Lima, Victoria Canellas, Memorial Hosp West, Pembroke Pines, FL

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Joseph C Migares, Christine Cocchettini, Allyn Manuel, Rita Lewis, Jill Smith, Edimar Pacificio Jr, Kaiser Permanente, Vacaville, CA

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Jessica Vann, Lauren Diegel-Vacek, Univ of Illinois at Chicago, Chicago, IL

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Jeremy B Rhoten, Andrew W Asimos, Rahul R Karamchandani, Enayetur Raheem, Dave Strong, Carolinas Medical Ctr, Charlotte, NC

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Anne Shoemaker, Barnes-Jewish Hosp, St Louis, MO

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Laurel Packard, Tricia Tubergen, Muhb Khan, Nicole Wills, SpectrumHealth, Grand Rapids, MI
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Nicole B Suri, Kefeng Wang, Univ of Miami, Miami, FL; Marco R Di Tuillo, Columbia Univ, New York, NY; Carolina M Gutierrez, Chuanhuong Dong, Sebastian Koch, Hannah Gardener, Univ of Miami, Miami, FL; Enid J Garcia, Univ of Puerto Rico, San Juan, PR; Juan C Zavalllos, Florida Inti Univ, Miami, FL; W. Scott Burgin, David Z Rose, Univ of South Florida, Tampa, FL; Jeffrey J Goldberg, Jose G Romano, Ralph L Sacco, Tatsjana Rundek, Univ of Miami, Miami, FL

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Bum Joon Kim, Kyung Hee Univ, Seoul, Korea, Republic of; Sun U Kwon, Yong-Hwan Kim, Dong-Wha Kang, Asan Medical Ctr, Seoul, Korea, Republic of

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Christina A Hansen, Zoe Wollcott, Rebecca Woodburn, W. Taylor Kimberly, Massachusetts General Hospital, Boston, MA

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Xiaokun Gong, Longfeng Guan, Beijing Luhe Hosp, Capital Medical Univ, Beijing, China; Eric C Cosky, Yuchuan Ding, Wayne State Univ Sch Med, Detroit, MI

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Jane A Anderson, Barbara Kimmel, Xiaohui Tang, Anette Ovalle, Chizoba Ifeorah, Nina T Vlahakis, Rush Univ Med Ctr, Chicago, IL; Jun Ku Park, SungWon Yu, Yonsei Univ, Seoul, Korea, Republic of; Kyung-Yul Lee, Yonsei Univ Coll of Med, Seoul, Korea, Republic of

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Mary S Vaughan Sarrazin, Alexandros Briassoulis, Enrique C Leira, Univ of Iowa, Iowa City, IA

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Dharmbir S Sanghera, Cynthia Bejar, Univ Oklahoma Health Science Ctr, Oklahoma City, OK; Asian Indian Diabetic Heart Study Investigators

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Won-Keun Seo, Samsung Medical Ctr, Seoul, Korea, Republic of; Moon-Tae Kim, Chonnam Natl Univ Hosp, Kwonju, Korea, Republic of; Won-Chung, Samsung Medical Ctr, Seoul, Korea, Republic of; Tae-Jin Song, Yong-Jae Kim, Ewha Womans Univ, Seoul, Korea, Republic of; Bum Joon Kim, Kyung-Hwan Heo, Kyung Hee Univ, Seoul, Korea, Republic of; Jin-Man Jung, Kyungmhi Oh, Chi Kyung Kim, Sunghwook Yu, Korea Univ, Seoul, Korea, Republic of; Kwang-Yeol Park, Chung-Ang Univ Hosp, Seoul, Korea, Republic of; Hyung Min Kim, Chonnam Natl Univ Hosp, Kwonju, Korea, Republic of; Yong-Ha Hwang, Kyungpoong Natl Univ, Daegu, Korea, Republic of; Oh Young Bang, Geon-Moon Kim, Samsung Medical Ctr, Seoul, Korea, Republic of

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Minghui Quan, Shanghai Univ of Sport, Shanghai, China; Pengcheng Xu, Indiana Univ, Bloomington, IN; Wu Ru, Wang, Shanghai Univ of Sport, Shanghai, China; He, Indiana Univ, Bloomington, IN; Peijie Chen, Shanghai Univ of Sport, Shanghai, China

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Jun Fujisami, Naoki Makita, Keiko Masezono, Shiori Ogura, Tomoyuki Ohara, Toshiki Mizuno, Kyoto Prefectural Univ of Med, Kyoto, Japan

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Angelia Kirkpatrick, Univ of Oklahoma, Oklahoma City, OK; Andrea Vincent, Univ of Oklahoma, Norman, OK; George Dale, Calin Prodan, Univ of Oklahoma, Oklahoma City, OK

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Sang Won Han, Joong Hyun Park, Jae Hyeon Park, Jong Sam Baik, Sanggye Paik Hosp, Seoul, Korea, Republic of; Seong Hwan Ahn, Chosun Univ Sch of Med, Gwangju, Korea, Republic of; Jong Yun Lee, Natl Medical Ctr, Seoul, Korea, Republic of; Kyung-Yul Lee, Yonsei Univ Coll of Med, Seoul, Korea, Republic of

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Neal S Parikh, Setareh Salehni Omran, Mitchell S.V. Elkind, Joshua Willey, Vagelos Coll of Physicians and Surgeons, Columbia Univ, New York, NY

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Sai Polinieri, Univ. of Miami Miller Sch of Med, Miami, FL; Adam Kelly, Univ. of Florida Coll of Med, Gainesville, FL; Shayan Prabhakaran, Northwestern Univ, Chicago, IL; Gustavo Saposnik, Univ. of Toronto Sch of Med, Toronto, ON, Canada; Christine Boerman, Univ. of Rochester, Rochester, NY; Lily Lee, Jackson Memorial Hosp, Miami, FL; Amer Malik, Seemant Chaturvedi, Univ. of Miami Miller Sch of Med, Miami, FL

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Seemant Chaturvedi, Univ of Miami Hosp, Miami, FL; Tanya Turan, Medical Univ of South Carolina, Charleston, SC; Neil F Gordon, Intervention Inf, Savannah, GA; Jennifer H Voeks, Marc I Chimowitz, Medical Univ of South Carolina, Charleston, SC; Virginia J Howard, George Howard, Univ of Alabama at Birmingham, Birmingham, AL; Kevin M Barrett, Mayo Clinic Florida, Jacksonville, FL; Robert D Brown, Mayo Clinic Rochester, Rochester, MN; Ronald Lazar, Univ of Alabama at Birmingham, Birmingham, AL; Wesley S Moore, Univ of California at Los Angeles, Los Angeles, CA; Claudia S Moy, NINDS Office of Clinical Res, Bethesda, MD; Gary S Roubin, Brookwood Medical Ctr/ Cardiovascular Associates of the Southeast LLC, Birmingham, AL; Bart M Demaerschalk, Mayo Clinic Arizona, ScottsdaleAZ, AZ; Malcolm Foster, Tennova Healthcare, Knoxville, TN; Lawrence Wechsler, UPMC Presbyterian Univ Hosp, Pittsburgh, PA; Brajesh K Lal, Univ of Maryland VA, Baltimore, MD; James F Meschia, Mayo Clinic Florida, Jacksonville, FL

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Bang-Hoon Cho, Yonsei Univ, Seoul, Korea, Republic of; Sang Won Han, Inje Univ, Seoul, Korea, Republic of; Seong Hwan Ahn, Chosun Univ, Gwangju, Korea, Republic of; Kyung-Yul Lee, Yonsei Univ, Seoul, Korea, Republic of;
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<td>Carolina Rouanet, Rejane Macedo, Maramelia Miranda Alves, Raül Valiente, Feres Chadad Neto, Gisele Sampaio Silva, São Paulo Hosp, São Paulo, Brazil</td>
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<td>Yoichi Uozumi, Kobe Univ Graduate Sch of Med, Kobe, Japan; Takaaki Miizobe, Hyogo Brain and Heart Ctr, Himieji, Japan; Hiroshi Miyamoto, Shotoaro Tatsumi, Steel Memorial Hirohata Hosp, Himieji, Japan; Mitsuaki Nakamura, Hyogo Brain and Heart Ctr, Himieji, Japan; Eiji Kohmura, Kobe Univ Graduate Sch of Med, Kobe, Japan</td>
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<td>David Rosenbaum-Ha-Levi, Peng R. Chen, Spiros Blackburn, UT Houston, Houston, TX; Conrad Liang, Kaiser Permanente, Fontana, CA; Artind B. Bambhroliya, Farhana S. Vahidy, Sean I. Savitz, Sunil A. Shest, UT Houston, Houston, TX</td>
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<td>Benjamin Atchle, Radiology Imaging Associates, Englewood, CO; Constance McGraw, Swedish Medical Ctr, Englewood, CO; Kathryn McCarthy, Rebecca van Vliet, Blue Sky Neurology, Englewood, CO; Madison Price, Swedish Medical Ctr, Englewood, CO; Alicia Bennett, Russell Bart, Blue Sky Neurology, Englewood, CO; Alessandro Orlando, Swedish Medical Ctr, Englewood, CO; Jeffrey Wagner, Blue Sky Neurology, Englewood, CO</td>
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<td>Melissa Lara-Angulo, Jose R Geraghty, Bayan Moustafa, Muhammad R Husain, Matthew Oparowski, Norma Castillo, Fernando D Testai, Univ of Illinois Hosp, Chicago, IL</td>
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<td><strong>Can Baseline Glomerular Filtration Rate Predict Outcomes in Hemorrhagic Stroke Patients?</strong></td>
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<td>Omar Saeed, Mark Malkoff, Andrei Alexandrov, Fawad Ishaq, Abhi Pandhi, Savdeep Singh, Univ of Tennessee, Memphis, TN; Adrian I Qureshi, Zeenat Qureshi Stroke Inst, St. Cloud, MN</td>
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<td><strong>Jugular Bulb Microdialysis in Subarachnoid Hemorrhage</strong></td>
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<td>Axel Forsee, Odense Univ Hosp, Odense, Denmark; Troels H Nielsen, Stanford Univ Sch of Med, Stanford, CA; Carl-Henrik Nordström, Frantz R Poulsen, Odense Univ Hosp, Odense, Denmark</td>
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<td><strong>Dynamic of Microglial Polarization in Experimental Subarachnoid Hemorrhage</strong></td>
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<td>George Kc Wong, Vera Zheng, Wai Sang Poon, Ping Kuen Lam, Chinese Univ of Hong Kong, Hong Kong, Hong Kong; Zhigang He, Harvard Univ, Boston, MA</td>
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<td><strong>The Complement Protein C1q is Elevated Early in Cerebrospinal Fluid After Subarachnoid Hemorrhage but Decreased in Patients With Symptomatic Vasospasm</strong></td>
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<td>Joseph Ryan Geraghty, Eitan Katz, Matthew Oparowski, Alexander Tate, Fernando D Testai, Univ of Illinois at Chicago, Chicago, IL</td>
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<td>Roger Cheng, Karl Meisel, Nerissa Ko, Univ of California, San Francisco, San Francisco, CA</td>
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<td>Charles Colip, Sean Wo, Alfonso Urdaneta-Moncada, Daniel Hippe, Hiroko Watase, Cory Kelly, Michael Levitt, Mahmut Mossa-Basha, Univ of Washington Medical Ctr, Seattle, WA</td>
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<td>Clio Rubinos, Andri Yelisseyev, Soojin Park, Sachin Agarwal, David Roh, Jan Claassen, Columbia Univ Medical Ctr, NYC, NY</td>
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<td>Mausaminben Hathidara, Swathy Chandrasekhar, Chao Xu, Bappaditya Ray, The Univ of Oklahoma Health Sciences Ctr, Oklahoma City, OK</td>
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<td>Chul Hoon Chang, Yeungnam Univ Medical Ctr, Daegu, Korea, Republic of Korea</td>
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<td>Bappaditya Ray, Kimberly Hollabaugh, Lance Ford, George L Dale, Calin I Podan, The Univ of Oklahoma Health Sciences Ctr, Oklahoma City, OK</td>
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<td>Weston Gordon, Brenton Massey, Kartavya Sharma, Michael Abraham, The Univ of Kansas Health System, Kansas City, KS</td>
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<td>Max Shpak, Sarah Cannon Res Inst, Nashville, TN; Matthew C Cowperthwaite, St. Davids HealthCare, Austin, TX; Zoltan Nadasdy, Sarah Cannon Res Inst, Nashville, TN; James Waldron, NeuroTexas, PLLC, Austin, TX</td>
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David Rushworth, Amber Mathews, Pitchaiha Mandava, Michael E DeBakey VA Medical Ctr, Houston, TX

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Rachel Forman, Sarah Song, James Connors, Rush Univ Medical Ctr, Chicago, IL; Vivien Lee, Ohio State Univ, Columbus, OH

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Pravin George, Cleveland Clinic, Cleveland, OH

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Shaoxun Wang, Feng Jiao, Ya Guo, George Booz, Richard Roman, Fan Fan, Univ of Mississippi Medical Ctr, Jackson, MS

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Nina Karamanova, Seth Truran, Phoenix VA, Phoenix, AZ; Jillian Madine, Hannah Davies, Univ of Liverpool, Liverpool, United Kingdom; Weiyang Zhang, Daniel Franco, Phoenix VA, Phoenix, AZ; Volkmar Weissig, Midwestern Univ, Glendale, AZ; Raymond Q Mignino, Phoenix VA and Univ of Arizona Coll of Med, Phoenix, AZ

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Association of Blood Pressure and Cognition After Stroke
Deborah A Levine, Andrzej T Galecki, Dolorence Okullo, Emily Briceno, Mohammed U Mubarak, Kyle Gensler, Brenda L Plassman, Univ of Michigan, Ann Arbor, MI

Poster Board Number P559 / Presentation Number TP559
Sulfuraphane Confers Neuroprotection Against Neuronal Loss, White Matter Injury and BBB Damage Following Experimental Vascular Cognitive Impairment
Leilei Mao, Tai’shan Medical Univ, Tai’an, China; Tuo Yang, Univ of Pittsburgh, Pittsburgh, PA; Cong Li, Tai’shan Medical Univ, Tai’an, China; Feng Zhang, Univ of Pittsburgh, Pittsburgh, PA; Baoliang Sun, Tai’shan Medical Univ, Tai’an, China

Poster Board Number P560 / Presentation Number TP560
Cognitive Impairment Should Be an Independent Predictor of Poor Functional Outcome in Acute Minor Stroke
Takuya Nishimura, Nippon Medical Sch, Bunkyoku, Japan

Poster Board Number P561 / Presentation Number TP561
The Effects of Recanalization of Chronically Occluded Internal Carotid Artery on Patients’ Neurocognition
Muhammad S Ali, Mario Zanaty, Nahom Tefere, David Kung, Kaustubh Limaye, Matthew M Langa, Jane Forman, Bruno Giordani, Brenda L Plassman, Univ of Michigan, Ann Arbor, MI; Colleen Kollman, Kollman Res Services, Ann Arbor, MI; Emilie Blair, Deborah A Levine, Univ of Michigan, Ann Arbor, MI

Poster Board Number P562 / Presentation Number TP562
Clinical and Brain-regional Characteristics Associated With Delirium Occurred After Acute Ischemic Stroke
Jong Wook Shin, Hye Seon Jeong, Hee Won Yang, Mi Ji Lee, Jeo Han Kim, Jei Kim, Daejeon-Chungnam Regional Cerebrovascular Ctr, Hosp and Sch of Med, Chungnam Natl Univ, Dae-jeon, Korea, Republic of

Poster Board Number P563 / Presentation Number TP563
White Matter Hyperintensities are Associated With Intracranial Internal Carotid Artery Calcifications in a Cohort of Patients With Acute Ischemic Stroke or Transient Ischemic Attack
Nikitha Nath, Monica Sarkar, Melissa Le Roux, Kimberly A Powell, Michel T Torbe, Youssef Hannawi, The Ohio State Univ, Columbus, OH

Poster Board Number P564 / Presentation Number TP564
Diabetic but Not Control Rats Develop White Matter Injury and Cognitive Deficits in a Microemboli Injection Model of VCI
Weiguo Li, Heba Ahmed, Ping-Chang Lin, Guangkun Dong, Roxan Aran, Ali Arbab, Adiyve Ergul, Augusta Univ, Augusta, GA

Poster Board Number P565 / Presentation Number TP565
Delayed Administration of Angiotensin Receptor (AT2R) Agonist C21 Downregulates Diabetes Induced Pro-inflammatory Microglia Activation to Improve Cognitive and Functional Recovery Post-Stroke
Ladunya Jackson, Univ of Georgia, Augusta, GA; Guangkun Dong, Medical Coll of Georgia, Augusta, GA; Susan C Fagan, Univ of Georgia, Augusta, GA; Adiyve Ergul, Medical Coll of Georgia, Augusta, GA

Poster Board Number P566 / Presentation Number TP566
Reasons Pre-Existing Mild Cognitive Impairment May Influence Physician Recommendations for Stroke and Heart Attack Treatments
Bailey K Hesle, Darin B Zahrane, Kenneth M Langa, Jane Forman, Bruno Giordani, Brenda L Plassman, Univ of Michigan, Ann Arbor, MI

Poster Board Number P559 / Presentation Number TP567
Identification of Il-17/Cxcl5 as a Novel Regulator of Endothelial-Oligodendrocyte Signaling in Ischemic White Matter Disease
Guoxu Xiao, Rosie Kumar, Jason D Himmlan, UCLA Medical Ctr, Los Angeles, CA

Poster Board Number P568 / Presentation Number TP568
Predictors of Long-Term Impaired Processing Speed After Stroke
Susan Mahon, Rita Krishnamurthi, Philip Prah, Kelly Jones, Valeriy Feigin, AYT University, Auckland, New Zealand

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The Evaluation of Cognitive Function Using Neural Network Analysis Before & After Revascularization Surgery for Internal Carotid Artery Stenosis
Masazaki Kohta, Atsushi Fujita, Kobe Univ Graduate Sch of Med, Kobe, Japan; Yoshiki Hosoda, Nish-Kobe Medical Ctr, Kobe, Japan; Eiji Kohmura, Kobe Univ Graduate Sch of Med, Kobe, Japan

Poster Board Number P570 / Presentation Number TP570
Cerebrovascular Risk Factors in Elderly Patients With Alzheimer’s Disease
Ken Nagata, Takashi Yamaaiki, Daiki Takano, Yokohama General Hosp, Yokohama, Japan

Poster Board Number P571 / Presentation Number TP571
Coated-Platelets, RANTES and IL-7 Correlate With Silent Brain Infarction in Carotid Stenosis
Mohammad Khattab, OU Health Sciences Ctr, Edmond, OK; Andrea Vincent, Univ of Oklahoma, Norman, OK; Calvin Prodan, Sardar Ijaz, Muhammad Bajwa, George Dale, Angela Kirkpatrick, OU Health Sciences Centre, Oklahoma City, OK

Poster Board Number P572 / Presentation Number TP572
Electrocorticogram T Wave Abnormalities are Associated With the Total Burden of Cerebral Small Vessel Disease in Patients With Acute Ischemic Stroke or Transient Ischemic Attack
Monica Sarkar, Christine Salloum, Kimberly A Powell, Michel T Torbe, Youssef Hannawi, The Ohio State Univ, Columbus, OH

Poster Board Number P573 / Presentation Number TP573
Nrf2 Activation With Sulfuraphane Reduces Post-Stroke Cognitive Impairment in Mice
Qianqian Li, Tuo Yang, Senmiao Li, Feng Zhang, Univ of Pittsburgh, Pittsburgh, PA

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Persisten Glial Activation in the Forceps Minor of Corpus Callosum is Associated With Impairment in Paired-Associate Learning
Brisa Sanchez, Lynda D Lisabeth, Univ of Michigan, Ann Arbor, MI

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Early Rehabilitation in Aneurysmal Subarachnoid Hemorrhage Patients is Associated With Better Cognitive Outcomes and Shorter ICU Stay
Pravin George, Cleveland Clinic, Cleveland, OH

Poster Board Number P576 / Presentation Number TP576
Race and Gender Differences in Mortality Due to Spontaneous Subarachnoid Hemorrhage
David Rushworth, Amber Mathews, Pitchaiha Mandava, Michael E DeBakey VA Medical Ctr, Houston, TX

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Weizhen Chen, Frederick Rohan Walker, Lin Kooi Ong, Michael Nilsson, Univ of Newcastle, Callaghan, Australia

Poster Board Number P578 / Presentation Number TP578
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Itsku Hasegawa, Takato Abe, Toshikazu Mino, Jun Takeuchi, Yoshiaki Itoh, Osaka City Univ, Osaka, Japan

Poster Board Number P579 / Presentation Number TP579
Early Elevation of MicroRNA-15a is Associated With Development of Delayed Cerebral Ischemia After Subarachnoid Hemorrhage

Poster Board Number P580 / Presentation Number TP580
Etiologies of Nontraumatic Convexity Subarachnoid Hemorrhage
Rachel Forman, Sarah Song, James Connors, Rush Univ Medical Ctr, Chicago, IL; Vivien Lee, Ohio State Univ, Columbus, OH

Poster Board Number P581 / Presentation Number TP581
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Pravin George, Cleveland Clinic, Cleveland, OH
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Karan Topiwala, Smit Patel, Karan Tarasaria, Univ of Connecticut, Farmington, CT; Mubashir Pervez, Hartford Hosp, Hartford, CT

**Poster Board Number PS78 / Presentation Number TP578**  
**Comparison of Demographic, Clinical, and Angiographic Characteristics Between Pediatric and Adult HHT Patients With Brain AVMs**  
Ayushi Gautam, Jeffrey Nelson, Helen Kim, Steven Hetts, Univ of California San Francisco, San Francisco, CA

**Poster Board Number PS79 / Presentation Number TP579**  
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Denise Brunozzi, Sepideh Amin-Hanjani, Fady T Charbel, Mahmoud H Mohammaden, Amanda Andrews, Ali Alaraj, Univ of Illinois at Chic, Chicago, IL

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Lawrence Huang, Weiwei Xiang, Univ of California, San Francisco, San Francisco, CA; Matthew A. Nystoriak, Univ of California, Davis, CA; Xiaofan Wei, Li Xiao, Jiayi Zhang, Kevin S. Hou, Univ of California, San Francisco, CA; Manuel F. Navedo, Univ of California, Davis, CA; Rong Wang, Univ of California, San Francisco, San Francisco, CA

**Poster Board Number PS81 / Presentation Number TP581**  
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Kimberly Yan, Nerissa U. Ko, Steven Hetts, Adib A. Abla, UCSF, San Francisco, CA; Michael T. Lawton, Barrow Neurological Inst, Phoenix, AZ; Helen Kim, UCSF, San Francisco, CA

**Poster Board Number PS82 / Presentation Number TP582**  
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Nick Hobson, Sean Poister, Dallas Turley, Ying Cao, Univ of Chicago, Chicago, IL; Kelly Fleming, John Huston, Mayo Clinic, Rochester, MN; Leslie Morrison, Reed Selwyn, Univ of New Mexico, Albuquerque, NM; Romuald Girard, Univ of Chicago, Chicago, IL; Daniel Hanley, Johns Hopkins, Baltimore, MD; Janne Koskimaki, Robert Shenkar, Agnieszka Stadnik, Timothy Carroll, Islam Awad, Univ of Chicago, Chicago, IL

**Poster Board Number PS83 / Presentation Number TP583**  
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Jumpei Oda, Ichiro Nakahara, Shoji Matsumoto, Tsukasa Ganaha, Akiko Hasebe, Takeya Suzuki, Tatsuo Omi, Jun Tanabe, Sadahiro Watanabe, Kenichiro Sugama, Fujita Health Univ Sch of Med, Toyoake, Japan; Shigeta Moriya, Nishichita General Hosp, Tokai, Japan

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Catherine Vigil, Harvard Univ, Boston, MA; Fares Qeadan, Mudassir Farooqui, UNM Hosp, Albuquerque, NM; Syed A Quadri, California Inst of Neurosciences, Thousand Oaks, CA; Asad Ikram, Sajid Suriya, UNM Hosp, Albuquerque, NM; Santiago Ortega-Gutiérrez, UH, Iowa City, IA; Atif Zafar, UNM Hosp, Albuquerque, NM

**Poster Board Number PS85 / Presentation Number TP585**  
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Helen Kim, UCSF, San Francisco, CA; Rustam Al-Shahi Salman, Western General Hosp, Edinburgh, United Kingdom; Kelly D. Fleming, Mayo Clinic, Rochester, MN; Alexander C. Flint, Kaiser Permanente, Redwood City, CA; Christopher P. Hess, Steven Hetts, UCSF, San Francisco, CA; Timo Kringis, Univ of Toronto, Toronto, ON, Canada; Aki Laakso, HUS, Helsinki, Finland; Giuseppe Lanzino, Mayo Clinic, Rochester, MN; Michael T. Lawton, Barrow Neurological Inst, Phoenix, AZ; Charles E. McCulloch, UCSF, San Francisco, CA; Jay P. Mehr, Columbia Univ Medical Ctr, New York, NY; Michael K. Morgan, Macquarie Univ Hosp, Sydney, Australia; Claudia S. Moy, Natl Insts of Health, Bethesda, MD; Peter Nakaji, Barrow Neurological Inst, Phoenix, AZ; Victor M. Pereira, Toronto Western Hosp, Toronto, ON, Canada; Diego Sgarabotto Ribeiro, Univ Federal do Rio Grande do Sul, Farroupilha, Brazil; Christian Stalp, Univ de Montréal, Montreal, QC, Canada; Marco A. Stefani, Univ Federal do Rio Grande do Sul, Farroupilha, Brazil; Jonathan G. Zaroff, Kaiser Permanente, San Francisco, CA; Yuanli Zhao, Neurosurgery Ctr of Beijing Tiantan Hosp, Beijing, China

**Poster Board Number PS86 / Presentation Number TP586**  
**Rates and Predictors of Stroke in Medically Managed Patients With Unruptured Arteriovenous Malformations in ARUBA (A Randomized Trial of Unruptured Brain Arteriovenous Malformations)**  
Adnan I Qureshi, Omar Saeed, Sindhu Sahito, Zeenat Qureshi Stroke Inst, St. Cloud, MN

**Poster Board Number PS87 / Presentation Number TP587**  
**Microsurgery Treatment Rate for Unruptured Cerebral Arteriovenous Malformations is Increased post-ARUBA**  
Lee A Birnbaum, Matthew Straight, John V Lacci, Mateja de Leonni Stanonik, Justin R Mascitelli, Cameron M McDougall, Jean-Louis R Caron, UT Health San Antonio, San Antonio, TX
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**CTP1 – CTP36**

**Poster Board Number CTP1 / Presentation Number CTP1**

**CREST-2 Update**

James F Meschia, Mayo Clinic, Jacksonville, FL; Brajesh K Lal, Univ of Maryland Medical System, Baltimore, MD; George Howard, Univ of Alabama at Birmingham, Birmingham, AL; Tanya N Turan, Medical Univ of South Carolina, Charleston, SC; Gary S Roubin, Brookwood Medical Ctr/Cardiovascular Associates of the Southeast LLC, Birmingham, AL; Robert D Brown Jr, Mayo Clinic, Rochester, MN; Kevin M Barrett, Mayo Clinic, Jacksonville, FL; Seemant Chaturvedi, Univ of Miami Hosp, Miami, FL; Marc I Chimowitz, Medical Univ of South Carolina, Charleston, SC; Bart M Demaerschalk, Mayo Clinic, Phoenix, AZ; Virginia J Howard, Univ of Alabama at Birmingham, Birmingham, AL; John Huston III, Mayo Clinic, Rochester, MN; Ronald M Lazar, Univ of Alabama at Birmingham, Birmingham, AL; Wesley S Moore, Univ of California at Los Angeles, Los Angeles, CA; Claudia S Moy, NNDS Office of Clinical Res, Bethesda, MD; Jennifer E Voeks, Medical Univ of South Carolina, Charleston, SC; Thomas G Brott, Mayo Clinic, Jacksonville, FL

**Poster Board Number CTP2 / Poster Number CTP2**

CSFIT (Coordinated, Collaborative, Comprehensive, Family-based, Integrated, and Technology-enabled Care): A Comparative Effectiveness Randomized Trial to Improve Stroke Care Delivery

Kenneth Gaines, Vanderbilt Univ Medical Ctr, Nashville, TN; CSFIT Study Group

**Poster Board Number CTP3 / Poster Number CTP3**

The NIH StrokeNet Trials Implementation

Joseph P Broderick, Pooja Khatri, Univ of Cincinnati, Cincinnati, OH; Yoko Y Palesch, Medical Univ of South Carolina, Charleston, SC; Wenle Zhao, Medical Univ of South Carolina, Cincinnati, SC; Scott Janis, Claudia S Moy, The Natl Inst of Neurological Disorders & Stroke, Rockville, MD

**Poster Board Number CTP4 / Poster Number CTP4**

Design of a Phase III Study of Intravenous Gilbenclamide (BIIB093) for Large Hemispheric Infarction: The CHARM Study

Kevin K Nsheth*, Yale Sch of Med, “Co-global study lead/equal contributor, New Haven, CT; W Taylor Kimberly*, Massachusetts General Hosp, “Co-global study lead/equal contributor, Boston, MA; Gregory W Albers, Stanford Health Ctr, Stanford, CA; Holly E Hinson, Oregon Health Sciences Univ, Portland, OR; Bradley J Molyneaux, Univ of Pittsburgh, Pittsburgh, PA; Raoul Nogueira, Emory Univ Sch of Med, Atlanta, GA; Jeff Saver, UCLA Sch of Med, Los Angeles, CA; Thorsten Stainer, Dept of Neurology, Frankfurt Hoechst Hosp, Frankfurt, Germany; Kazunori Toyoda, Natl Cerebral and Cardiovascular Ctr, Saitama, Japan; Max Wintemark, Stanford Univ Medical Ctr, Stanford, CA; Jacob Elkis, Aaron Deykin, Michael Wald, Jaren Landen, Biogen, Cambridge, MA

**Poster Board Number CTP5 / Poster Number CTP5**

Atrial Cardiopathy and Antithrombotic Drugs in Prevention After Cryptogenic Stroke

Hooman Kamel, Weill Cornell Med, New York, NY

**Poster Board Number CTP6 / Poster Number CTP6**

Clinical Trial Update: Early Minimally Invasive Removal of Intracerebral Hemorrhage (ENRICH) Clinical Trial

Jonathan Ratcliff, Alex Hall, Emory Univ, Roswell, GA; Brian Jankowitz, UPMC, Pittsburgh, PA; Bradley J Molyneaux, UPMC, Pittsburgh, PA; Mark Bain, Joao A Gomes, Cleveland Clinic, Cleveland, OH; Penny Sekerkas, Nico Corp, Indianapolis, IN; Gustavo Pradilla, Emory Univ, Atlanta, GA

**Poster Board Number CTP7 / Poster Number CTP7**

Multi-arm Optimization of Stroke Thrombolysis (MOST) Stroke Trial MOST Trial Investigators; Opeolu Adeoye, Univ of Cincinnati, Cincinnati, OH

**Poster Board Number CTP8 / Poster Number CTP8**

MultiStem® Administration for Stroke Treatment to Enhance Recovery Study -2 (Masters-2): Pivotal Phase 3 Trial Evaluating the Efficacy and Safety of an Adult Cell Therapy Product in Treatment of Ischemic Stroke

David Chiu, Houston Methodist, Houston, TX; Wayne M Clark, Oregon Health Sciences Univ, Portland, OR; Sean I Savitz, Univ of Texas-Houston, Houston, TX; Lawrence R Wechsler, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Ken Uchino, Cleveland Clinic, Cleveland, OH; Jeffrey Switzer, David C Hess, Medical Coll of Georgia, Augusta, GA; Robert W Mays, Atherosys INC, Cleveland, OH

**Poster Board Number CTP9 / Poster Number CTP9**

Prospective Randomized Open-label Trial to Evaluate Risk Factor Management in Patients With Unruptured Intracranial Aneurysms (protect-u)

Meryynn D Vergouwen, Gabriel Rinkel, Ale Algra, UMC Utrecht, Utrecht, Netherlands; Jens Fiehler, Univ Medical Ctr Hamburg-Eppendorf, Hamburg, Germany; Helmut Steiner, Univ of Frankfurt, Frankfurt, Germany; Peter Vajkoczy, Charitè Univ Hosp, Berlin, Germany; Frans Rutten, UMC Utrecht, Utrecht, Netherlands; Steffen Luntz, KKS, Ruprecht-Karls-Univ, Heidelberg, Germany; Daniel Hänggi, Nina Etminan, Univ Hosp Mannheim, Mannheim, Germany

**Poster Board Number CTP10 / Poster Number CTP10**

Endovascular Therapy for Low NIHSS Ischemic Strokes (ENDOLOW): Clinical Trial Update

Pooja Khatri, Univ of Cincinnati Neurology, Cincinnati, OH; Andrew Demchuk, Univ of Calgary, AB, Canada; Simon Nagel, Univ of Heidelberg, Heidelberg, Germany; Raul Nogueira, Emory Univ, Atlanta, GA; Achala Vagel, Univ of Cincinnati, Cincinnati, OH; David Wright, Shannon Doppelheuer, Alex Hall, Rie Calicettara, Emory Univ, Atlanta, GA; Meinhard Keiser, Univ of Heidelberg, Heidelberg, Germany; Jane Khoury, Heidi Sucharev, Cincinnati Children’s Medical Ctr, Cincinnati, OH; ENDO LOW Clinical Trial Investigators

**Poster Board Number CTP11 / Poster Number CTP11**

The TESLA Trial: Thrombectomy for Emergent Salvage of Large Anterior Circulation Ischemic Stroke

Albert J Yoo, Texas Stroke Inst, Plano, TX; Heather S Friar, Mary S Patterson, Brittany L Nordhaus, Osama 0 Zaidat, Mercy St Vincent, Toledo, OH

**Poster Board Number CTP12 / Poster Number CTP12**

The All Nippon AF in the Elderly (ANAFIE) Registry on Anticoagulants Use in Elderly Patients With Nonvalvular Atrial Fibrillation (EnRICH)

Kazunori Toyoda, Natl Cerebral and Cardiovascular Ctr, Saitama, Japan; the ANAFIE Registry group

**Poster Board Number CTP13 / Poster Number CTP13**

Efficient Resource Utilization for Patients With Intra Cerebral Hemorrhage (EnRICH)

Farhaan S Vahidy, Jennifer Meeks, Arvind Bambhroliya, Katie Alex, Wamda Ahmed, Rutvij Bowry, UT-HSC-UT Medical Sch, Houston, TX; Osman Mir, Baylor Scott and White, Dallas, TX; Reza Behrouz, UT-HSC San Antonio, San Antonio, TX; Steven Warach, Dell Medical Sch UT Austin, Austin, TX; Louise McCullough, Sean Savitz, UT-HSC-UT Medical Sch, Houston, TX

**Poster Board Number CTP14 / Poster Number CTP14**

Tempo-2: TNK-IPA for Minor Ischemic Stroke With Proven Acute Symptomatic Occlusion Trial-2

Sheelagh B Coulls, Carol Kenney, Univ Calgary, Calgary, AB, Canada; Peter Kelly, Univ Coll Dublin, Dublin, Ireland; Mark Parsons, Univ of Melbourne, Melbourne, Australia; Mayank Goyal, Michael Hill, Univ Calgary, Calgary, AB, Canada

**Poster Board Number CTP15 / Poster Number CTP15**

The Bleeding With Antithrombotic Therapy Study 2 (BAT2): Baseline Clinical Characteristics of the Initial 3000 Participants

Kazunori Toyoda, Masahito Takagi, Kanta Tanaka, Kozi Miwa, Natl Cerebral and Cardiovascular Ctr, Saita Osaka, Japan; Teruyuki Hirano, Kyorin Univ, Mitaka, Japan; Makoto Sasaki, Iwate Medical Univ, Morioka, Japan; Masatoshi Koga, Natl Cerebral and Cardiovascular Ctr, Saita Osaka, Japan; BAT2 Investigators

**Poster Board Number CTP16 / Poster Number CTP16**

The STROKE-AF Randomized Trial: Stroke of Known Cause and Underlying Atrial Fibrillation

Lee H Schwamm, Massachusetts General Hosp, Boston, MA; Hooman Kamel, Weill Cornell Med, New York, NY; Christopher B Granger, Jonathan P Piccini, Duke Univ Medical Ctr, Durham, NC; Carola Alfaro Vives, Paul D Ziegler, Medtronic, Mounds View, MN; Richard A Bernstein, Feinberg Sch of Med at Northwestern Univ, Chicago, IL
A Randomized Sham-controlled Trial of Repetitive Transcranial Magnetic Stimulation and Multi-modality Aphasia Therapy in Chronic Post-stroke Aphasia
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PreHospital Acute Stroke Therapy with Trans Sodium Crocetinate (PHAST-TSC)
Andrew M Southerland, Univ of Virginia, Charlottesville, VA; Nerses Sanossian, Univ of Southern California, Los Angeles, CA; Timothy L McMurry, Univ of Virginia, Charlottesville, VA; John L Gainer, Anna Grace, Diffusion Pharmaceuticals, Inc, Charlottesville, VA; Amy C Fansler, Univ of Virginia, Charlottesville, VA; Guy M Chisolm III, Diffusion Pharmaceuticals, Inc, Charlottesville, VA; Karen C Johnston, Univ of Virginia, Charlottesville, VA; Jeffrey L Saver, Univ of California, Los Angeles, Los Angeles, CA

Tr-venus: Non-invasive Transcutaneous Cervical Vagus Nerve Stimulation as a Treatment for Acute Stroke; Safety and Feasibility Study
Ethem M Arsava, Mehmet A Topcuoglu, Hacettepe Univ, Ankara, Turkey; Ilknur Ay, Massachusetts General Hosp, Harvard Medical Sch, Boston, MA; Eric J Liebler, electroCore, Inc, Basking Ridge, NJ; Hakan Ay, Massachusetts General Hosp, Harvard Medical Sch, Boston, MA; TR-VENUS investigators
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