### SCHEDULE AT-A-GLANCE BY CATEGORY

**What Explains Poor Outcomes in Acute Stroke Despite Good Stroke Risk and Outcomes in Working Age Adults**
- Thurs, 3:30 pm - 5:00 pm
- Grand Ballroom A

**Strokes Specific to Races/Regions**
- Thurs, 3:30 pm - 5:00 pm
- Grand Ballroom B

**Genetic Discoveries Are Finally Yielding Novel Treatments for Stroke: The Dawn of the Genomic Era**
- Wed, 3:30 pm - 5:00 pm
- General Assembly A

**Increasing Access to Mechanical Thrombectomy for Acute Stroke**
- Thurs, 7:00 am - 8:30 am
- Grand Ballroom A

**Oral Abstracts I**
- Thurs, 8:45 am - 10:15 am
- Grand Ballroom B

**General Assembly B**
- Wed, 1:30 pm - 3:00 pm
- Room 310 A-C

**Oral Abstracts II**
- Thurs, 8:45 am - 10:15 am
- Room 310 A-C

**Methodology for Stroke Recovery**
- Thurs, 3:30 pm - 5:00 pm
- Grand Ballroom A

**Pre-hospital Systems of Care to Improve tPA Treatment Rates and Speed**
- Thurs, 8:45 am - 10:15 am
- General Assembly B

**Oral Abstracts II**
- Thurs, 1:30 pm - 3:00 pm
- Grand Ballroom B

**Emerging Novel Functions for Proteases in Vascular-Malformations**
- Thurs, 1:30 pm - 3:00 pm
- General Assembly C

**Oral Abstracts II**
- Thurs, 7:00 am - 8:30 am
- Grand Ballroom B

** reimbursement strategies in stroke recovery**
- Fri, 7:00 am - 8:30 am
- General Assembly C

**Oral Abstracts**
- Wed, 8:45 am - 10:15 am
- Room 310 A-C

**Vascular Cognitive Impairment**
- Wed, 8:45 am - 10:15 am
- General Assembly A

**Oral Abstracts II**
- Thurs, 8:45 am - 10:15 am
- General Assembly C

**Large Multicenter Hospital-based Stroke Registry Study: What We Can Learn**
- Fri, 8:45 am - 10:15 am
- General Ballroom C

**Reversal Strategies, Antidotes, and Antagonists and Direct Oral Anticoagulation Tests, Reversal Strategies, Antidotes in Patients Treated in the NOAC Era**
- Thurs, 3:30 pm - 5:00 pm
- Grand Ballroom A

**Oral Abstracts II**
- Thurs, 7:00 am - 8:30 am
- Grand Ballroom C

**Oral Abstracts I**
- Wed, 8:45 am - 10:15 am
- Grand Ballroom B

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- General Assembly B

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Dear Colleague:

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

The International Stroke Conference 2017 provides unique opportunities to meet and network with colleagues from around the world and excel in wide-ranging research interests and expertise in stroke prevention, diagnosis, treatment and rehabilitation. For 2017, we anticipate more than 4,500 professional attendees, as well as exhibitors displaying new stroke products and services. We are truly dedicated to the international nature of this conference with attendees, presenters and faculty coming from all corners of the world.

The 2017 program offers three specialized pre-conference symposia: the State-of-the-Science Stroke Nursing Symposium; the ISC Pre-Conference Symposium I: Stroke in the Real World; Thinking from the Heart – Management of Cardiac Disease to Improve Stroke Outcomes which will focus on the management of cardiac disease in order to improve stroke outcomes; and the ISC Pre-Conference Symposium II: Bridge Over Troubled Water: Issues in Translational Stroke Research. The main days of the ISC include invited symposia; debates; oral scientific abstract presentations; scientific abstract posters; and special lectures on recent advances and state-of-the-science technologies.

The Council on Cardiovascular and Stroke Nursing has planned another extraordinary pre-conference symposium. The symposium 2017 program will include topics: facilitating admission, progression, and discharge for stroke; evidence-based strategies for preventing stroke and stroke complications; collaborations to improve quality of life across the care continuum; and strategies for assessing and managing cognitive, emotional and sleep issues related to stroke.

The ISC 2017 Pre-Conference Symposium I: Stroke in the Real World: Thinking from the Heart – Management of Cardiac Disease to Improve Stroke Outcomes highlights scientific advances in cerebrovascular disease while emphasizing their application in the real world. This year’s symposium will focus on the management of cardiac disease in order to improve stroke outcomes. Topics addressed this year are: should interventional cardiologists be doing endovascular procedures in acute stroke? What lessons can neurologists learn from cardiac trials on lysis vs endovascular procedures? Should we be closing PFOs? Atrial appendage closure or stroke prevention? What are the indications for prolonged monitoring of AF and whether duration matters? Understanding the use of antplatelet and triple therapy use in cardiology? What is the best approach to the use and selection of novel anticoagulants from both a cardiology and neurology perspective? And monitoring anticoagulation in patients with NOACs from both a cardiology and neurology perspective. There will also be a series of challenging breakout sessions.

The ISC 2017 Pre-Conference Symposium II: Bridge Over Troubled Water: Issues in Translational Stroke Research was designed to discuss the challenges and opportunities in moving basic science research into efficacious and well-designed clinical trials. This half-day symposium brings together leading stroke researchers across the basic and clinical spectrum to discuss potential avenues for improvement in pre-clinical modeling, utilizing human samples to bridge the translational gap, and sharing experiences in successful translation to clinical trials. Examples from research in ischemic stroke, vascular dementia, and intracerebral hemorrhage will be discussed. In addition, speakers will address the new NIH requirements for rigor and transparency in the efforts to improve reliability of preclinical research discoveries and experiences in successful academic-industry partnerships in stroke therapy trials. We will conclude the session with a networking reception to allow for informal discussions on topics of interest to participants in greater depth and allow for opportunities for junior investigators to interact with senior stroke investigators with clinical and basic expertise.

The main days of ISC will have more than 1,500 presentations of exhilarating special symposia, compelling debates and stimulating abstract presentations which will focus on numerous topics from 21 stroke-related categories. 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.

This year, not only will you have the opportunity to experience exceptional education and network with more than 4,500 cerebrovascular research and practice experts from around the globe, you will also have the chance to experience the many multi-cultural aspects and warm southern hospitality of sunny Houston, Texas!

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 2018, a bit earlier than usual, January 24 – 26, 2018 in beautiful Los Angeles, California!

Bruce Ovbiagele, MD, FAHA
Chair, International Stroke Conference 2017 Program Committee
<table>
<thead>
<tr>
<th>COMMITTEE MEMBER</th>
<th>CONFLICT OF INTEREST</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bruce Ovbiagele</td>
<td>Research Grants; Significant; NIH U01 NS079179, US4 HG007479, R25NS098999, R21TW010479, R21NS094033.</td>
</tr>
<tr>
<td>Miguel Perez-Pinzon</td>
<td>Research Grants; Significant; NIH/NINDS R01 NS45676-08, NIH/NINDS R01 NS34773-15, NIH/NINDS 1R21NS09898R-01, 1SR01NS077379-04, AHA/ASA-Bugher Foundation. Employment; Significant; University of Miami Miller School of Medicine.</td>
</tr>
<tr>
<td>Catherine Amlie-Lefond</td>
<td>None.</td>
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<tr>
<td>Craig Anderson</td>
<td>Honoraria; Modest; Boehringer Ingelheim and Takeda, Advisory Board; Modest; Medtronic and Astra Zeneca. Employment; Significant; The George Institute for Global Health, Research Grant; Significant; National Health and Medical Research Council (NHMRC) of Australia.</td>
</tr>
<tr>
<td>Jun Chen</td>
<td>Honoraria; Modest; Lectures at other universities. Research Grant; Significant; Federal Grant (none from commercial resources).</td>
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<tr>
<td>Colin Derdeyn</td>
<td>Ownership Interest; Modest; Pulse Therapeutics.</td>
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<tr>
<td>Andrew Ducuet</td>
<td>Consultant/Advisory Board; Modest; Medtronic.</td>
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<tr>
<td>Nina Gentile</td>
<td>Research Grant; Modest; NIH.</td>
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<tr>
<td>Richard Harvey</td>
<td>Research Grant; Modest; Acorda Therapeutics, SPR corporation. Research Grant; Significant; Nexstim Corporation. Consultant/Advisory Board; Significant; St. Jude Medical, Nastec Corp, Phageneosis Corp.</td>
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<tr>
<td>Judy Huang</td>
<td>None.</td>
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<tr>
<td>Walter Kernan</td>
<td>None.</td>
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<tr>
<td>Louis Kim</td>
<td>Grant; Modest; Volcano Inc. Ownership Interest; Modest; Sp Surgical Inc. Consultant/Advisory Board; Modest; Microvention Inc. Consultant/Advisory Board; Modest; Aesculap Inc. Research Grant; Significant NIH/NINDS, R01 grant.</td>
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<td>Eng Lo</td>
<td>None.</td>
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<tr>
<td>Elaine Miller</td>
<td>None.</td>
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<tr>
<td>Thanh Nguyen</td>
<td>Consultant/Advisory Board; Modest; Cerevasc. Consultant/Advisory Board; Modest; Penumbra DSMB. Other; Modest; Boston Biomedical.</td>
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<tr>
<td>Alejandro Rabinstein</td>
<td>None.</td>
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<tr>
<td>Jonathan Rosand</td>
<td>Consultant/Advisory Board; Modest; Pfizer. Research Grant; Significant; NIH.</td>
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<tr>
<td>Tatjana Rundek</td>
<td>None.</td>
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<tr>
<td>Gustavo Saposnik</td>
<td>None.</td>
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<tr>
<td>Julie Schneider</td>
<td>Research Grant; Modest; UHC NS100599-01 (MPI: Schneider, Arfanakis), R01AG042210 (Schneider), R01AG043379 (Buchman), R01AG040039 (Arvanitakis), R11AG022018 (Barnes), R01AG054058 (Bennett), P300A011611 (Bennett), R01AG019717 (Bennett), K01AG005823 (James), Expert Witness; Modest; National Hockey League. Consultant Advisory Board; Significant NIH/NINDS, Heimay Pharmaceutical, Eli Lily Inc, Genetech.</td>
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<tr>
<td>Magdy Selim</td>
<td>Research Grant; Significant; NIH/NINDS, AHA Collaborative Sciences Award.</td>
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<tr>
<td>Amyitis Towfighi</td>
<td>None.</td>
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<tr>
<td>Kazunori Toyoda</td>
<td>Other Research Support; Modest; Behringen Company, Research Support; Modest; Brystol MS. Speakers Bureau. Moderate; Behringen, Brystol MS, Bayer, Daiichi-Sankyo, Pfizer. Research Grant; Significant, Japan Agency for Medical Research and Development.</td>
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<tr>
<td>Georgios Tsivgoulis</td>
<td>None.</td>
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<tr>
<td>Roland Veltkamp</td>
<td>Honoraria; Modest; Bayer, Boehringer, Daiichi Sankyo, BMS, Pfizer, Roche, St Jude Medical, Bayer. Ownership Interest; Modest; Bayer, Consultant/Advisory Board; Modest; Bayer, Biogen, Boehringer Ingelheim, Daiichi sankyo, BMS, Pfizer, Amgen, Biogen, Sanofi. Research Grant; Significant; Bayer, Boehringer Ingelheim, Daiichi Sankyo, BMS, Pfizer.</td>
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<tr>
<td>Max Wintermark</td>
<td>Research Grant; Modest; NIH/NINDS 1 U01 NS087748-01. Research Grant; Significant; NIH/NINDS 1 U01 NS086872-01</td>
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<tr>
<td>Midori Yenari</td>
<td>Research Grant; Significant; Dept of Veterans Affairs. Research Support; Significant; Calicmedica</td>
</tr>
<tr>
<td>Kyra Becker</td>
<td>Consultant/Advisory Board; Modest; Biogen, Other; Significant; ICON Medical Imaging, Research Grant; Significant; NINDS.</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 Education Programming:

Avizia
Boehringer Ingelheim Pharmaceuticals Inc.
CSL Behring
Erlanger Neuroscience Institute
Fuji Film Visual Sonics
Houston Methodist DeBakey Heart & Vascular Center
Intouch Health
Medtronic
Nico Corporation
Nico-Lab Ltd.
Saint Luke’s Bloch Neuroscience Institute
St. John Health System
Stryker Neurovascular
Tenet Health System – Sunrise Neurology
Wolters-Kluwer

(As of January 18, 2017)
ANCC Credit Designation Statement – Nurses
The maximum number of hours awarded for this CE activity is 24.50 contact hours.

**ANCC Credit must be claimed within 6 months of attendance. CME/CE will no longer be available to claim after August 24, 2017**

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 during 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 Heart Association/ American Stroke Association cannot and does not offer any assurance or warranty of the accuracy, truthfulness or originality of the information presented at the conference.

Embargo Guidelines
International Stroke Conference 2017 abstracts, lectures and presentations are embargoed for release at the date and time of presentation or time of AHA/ASA news event. Late-Breaking Science abstract results are embargoed for release at the date and time of the first Late Breaker in the session in which the abstract is scheduled. Ongoing Clinical Trials abstracts are embargoed for release at the date and time of the Ongoing Clinical Trials Poster Session start time. Information may not be released before the scheduled presentation time. Written embargoed information cannot be shared with anyone but one-on-one embargoed media interviews can be conducted as long as the reporter agrees to abide by the embargo policy.

General Information

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

American Stroke Association HeadQuarters
Get information on professional education, consumer awareness activities, quality improvement programs, professional membership opportunities, and scientific publications. Make ASA HeadQuarters your headquarters throughout the conference.
Location: Booth 233 (in the Science and Technology Hall, Hall D)
Hours: Wednesday and Thursday, 10:00 am – 4:00 pm

American Stroke Association – Join Together To End Stroke
The American Stroke Association has launched Together to End Stroke™, sponsored nationally by Covidien, to teach all Americans that stroke is largely preventable, treatable and beatable. Through Together to End Stroke, the ASA is focusing its efforts across the entire stroke continuum of care in the areas of prevention, acute treatment, and post-stroke rehabilitation by providing tools and resources for consumers and health care professionals, an online digital strategy, national branding and messaging, local grassroots events and multicultural outreach. We need your help spreading this message to your patients and networks. Visit the ASA HeadQuarters Booth (Hall D, Booth 233). 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 George R Brown Convention Center. A $20 cash-only fee will be charged for badge reprint or replacement. Photo ID is required.

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

CME/CE Credit
You have two ways to complete your conference evaluation and claim your CME/CE credits for the conference, pre-conference symposia and/or nursing symposium:

1. Stop by the Communication Center, which is located in the Hall D Concourse, Level 1 in Registration.
2. Visit learn.heart.org from any computer with internet connection.

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

Learners are strongly encouraged to claim CME/CE credit within 30 days of activity completion.

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 Hall D Concourse, Level 1.

CME/CE Credit will no longer be available to claim for this activity after August 24, 2017.

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 Hall D Concourse, Level 1 of the George R Brown 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 D. 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 D, where cerebrovascular products and services will be featured.

Exhibit Hours: Wednesday 10:00 am – 4:00 pm
Thursday 10:00 am – 4:00 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 Hall D Concourse, Level 1 of the George R Brown 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 Hall D Concourse, Level 1 of the George R Brown Convention Center.

Loss of Badge Credentials
The American Heart Association/American Stroke Association reserves the right to revoke or deny attendance of any registered participant, speaker, exhibitor, news media reporter, or photographer of presentations or activities at AHA/ASA scientific conferences and meetings.

Medical Emergencies
The First Aid Stations are located opposite Hall E, Level 1 and behind General Assembly C, Level 3 of the George R Brown Convention Center. An AED is available. Please report emergencies to the nearest security guard or the Show Office, Room 381 A-B on Level 3 of the George R Brown Convention Center.

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

AHA/ASA Scientific Statements and Practice Guidelines – Download the Stroke journal iPad app for free to access the iPad supplement of the AHA/ASA Scientific Statements and Practice Guidelines. This special supplement is free to access for everyone. Included in the annual collection is the most frequently cited cardiovascular and stroke stats reference – the AHA Statistical Update. More information is available at the American Stroke Association’s Headquarters Booth 233, Hall D.

Communication Center – Convenient computer stations are available for attendees to leave and retrieve conference messages, access the internet, search for other attendees, print airline boarding passes, and claim CME/CE credit. It is located in the Hall D Concourse, Level 1 in Registration.

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

Mobile Meeting Guide – For on-the-go access to meeting information, download the AHA Mobile Meeting Guide App by searching “AHA Events” in the App Store or Google Play. Helpful staff is available in Registration, Hall D Concourse, Level 1, to answer questions.

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

Posters: QR Codes – In addition to traditional poster boards at the International Stroke Conference 2017, Digital Acesum 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 on your phone (we recommend QR Reader) and then scan the code on the poster. You will then have a link to view the poster online as well as the author’s contact information in order to ask questions.

Science News from ISC – Visit strokeconference.org/science/news for official AHA/ASA news coverage of the science presented at the 2017 meeting including: exclusive video interviews, presentation slides and audio, summary slides, news releases, and more.

Wireless Internet – Complimentary WiFi will be located throughout the George R Brown Convention Center.

News Media
From Feb 21-24, for media interviews, news conferences or inquiries about news releases, contact News Media Headquarters, Room 351 A-B on Level 3.

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

Photography and Audio/Video Recording
No person may record any portion of the AHA Scientific Sessions, scientific conferences, and the AHA/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 Hall D Concourse, Level 1 at the George R Brown Convention Center during the days and hours listed below:

- Tuesday, Feb 21 6:30 am – 5:00 pm
- Wednesday, Feb 22 6:30 am – 5:00 pm
- Thursday, Feb 23 6:30 am – 5:00 pm
- Friday, Feb 24 6:30 am – 12 Noon

We encourage participation by all individuals. If you have a disability, advance notification of any special needs will help us to serve you better.

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 31, 2017, midnight EST 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 31, 2017. Purchased meal tickets are non-refundable. Refunds will not be granted for no-shows after the conference. No refunds will be issued onsite.

Important: If 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/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 Information Booth in the Hall E Concourse, Level 1, for information and reservations at the many fine restaurants in Houston 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.
Speaker Resource Center
The Speaker Resource Center is located in Room 340 A-B, Level 3 of the George R Brown 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 340 A-B 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:

- **Tuesday, Feb 21**: 6:00 am – 5:30 pm
- **Wednesday, Feb 22**: 6:00 am – 5:30 pm
- **Thursday, Feb 23**: 6:00 am – 5:30 pm
- **Friday, Feb 24**: 6:00 am – 12 Neon

Simulation Zone
Learn in the Simulation Zone. Test your stroke knowledge, skills and critical thinking in AHA’s hands-on, interactive Simulation Zone. Don’t miss seven new and different educational offerings by 3 different providers each day in the Science and Technology Hall.

- **Wed, Feb 22**: 12:00 / 12:30 / 1:00 / 1:30 / 2:00 / 2:30 / 3:00
- **Thurs, Feb 23**: 12:00 / 12:30 / 1:00 / 1:30 / 2:00 / 2:30 / 3:00

Body Interact: Body Interact is an immersive training platform that virtualizes acute and chronic medical conditions. Experts will facilitate realistic user experiences with a life-like patient, complete with dynamic monitoring, dialogue, diagnostic testing, drugs, intervention options and performance debriefing.

NeuroVR: NeuroVR™ is the world’s most advanced virtual reality neurosurgery simulator. With lifelike renderings of brain tissue, blood vessels and tumors, realistic sounds and tactile feedback, learners will have the opportunity to practice open cranial and endoscopic brain surgery skills and procedures in a realistic training environment. NeuroVR offers more than 30 training modules covering essential skills through advanced procedures.

Apollo: Apollo is a technologically advanced mannequin based high-fidelity simulator that uses pre-programmed Simulated Clinical Experiences containing evidence-based training scenarios designed to immerse learners in a clinical environment. The APOLLO simulation sessions at ISC will include acute stroke and other neurovascular conditions and will provide learners with the opportunity to experience a life-like clinical experience.

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

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

Get With The Guidelines®—Stroke and Target: Stroke™
Get With The Guidelines—Stroke is the American Heart Association and 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 223) or visit Heart.org/GWTGStroke to learn more about the programs.

Transportation
There are two main airports in Houston: Bush Intercontinental Airport (IAH) to the north of downtown, and William P Hobby Airport (HOU) to the south. Both connect Houston to over 120 domestic and 72 international non-stop destinations.

**Bush Intercontinental Airport (IAH)**
Located about 20 miles from Downtown Houston
- **Taxi:** All destinations within Houston city limits are charged according to the zone or meter rate, whichever is less. The approximate fare from IAH to the downtown area is $52.
- **Supershuttle:** For fare quotes and reservations, go to www.supershuttle.com.

**William P Hobby Airport (HOU)**
Located about 11 miles south of Downtown Houston.
- **Taxis:** Taxis are available at Curb Zone 3 outside of the baggage claim area in the lower level. All destinations within Houston city limits are charged according to the zone or meter rate, whichever is less. The approximate fare from HOU to the downtown area is $26.
- **Supershuttle:** For fare quotes and reservations, go to www.supershuttle.com.
- **Convenience Vans:** Various hotels and motels offer courtesy vans to their properties. You can use the courtesy telephones in the baggage claim area to request a pick-up.
- **Public Metro Buses:** The public bus route 102 serves IAH and downtown locations. Service runs Monday through Sunday, from approximately 5 am until midnight. To check schedules and plan your trip, go to ridekemetro.org.

*Other transportation options include:

**Jitney Service:** The Wave – a hybrid between a taxi, limo and public bus – is a jitney service that shuttles users around Houston’s primary nightlife areas, including Midtown, Montrose, Downtown, Uptown, Rice Village and the Washington Avenue corridor. There are a number of ways to catch the wave: along its route, call to see when and where the Wave will be arriving, or pick it up at a designated free parking lot (southwest corner of Houston and Memorial Pkwy, and at Pizzitola’s on Shepherd).
Greenlink Buses: Free transportation in Downtown Houston. Multiple buses operate in Downtown Houston Monday through Friday, 6:30 am to 6:30 pm, about 7-10 minutes apart. This Green route spans 2.5 miles with 18 stops and connects Metro transit stops, the convention corridor, hotels, restaurants, shopping and entertainment. Another route, the Orange route, operates on Thursday and Friday from 6:30 pm to midnight, Saturdays from 9 am to midnight, and Sunday from 9 am to 6 pm.

Greenlink buses stop at popular downtown destinations including GreenStreet, George R. Brown Convention Center, Discovery Green, Main Street Square, City Hall and the Central Library and connects to Metro Park & Ride services and to the Main Street MetroRail line.

Parking
The George R Brown Convention Center shares a joint parking garage with the Hilton Americas located on Avenida de las Americas.

Twitter
Use Twitter to tweet your questions/comments during the meeting or just talk about what is happening at ISC 2017. Use hashtag: #ISC17.

Venue
Houston, Texas
America’s fourth-largest city is a cosmopolitan destination, filled with world-class dining, arts, hotels, shopping and nightlife. Take a stroll through the historic Heights, spend the day exploring the Museum District, or head down to Space Center Houston. Later on, grab a bite in one of dozens of award-winning restaurants, or hang out with the cool kids on Washington Avenue. There’s always something to do in this Southern hospitality meets urban chic city. Come explore YOUR Houston!

Web Resources
HealthJobsPLUS for Professionals
This is a Job Placement Service that can be found online at strokeconference.org (HealthJobsPlus) or at the Communication Center, located in the Hall C Concourse, Level 1 in Registration.

learn.heart.org
This Web site is where healthcare professionals can complete the conference evaluation and claim CME/CE credits for ISC, the Pre-Conference Symposia and the Nursing Symposium.

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

professional.heart.org
Professional Heart Daily is the American Heart Association/American Stroke Association’s powerful internet resource for healthcare professionals devoted to the fight against cardiovascular disease and stroke. A few minutes of your time might get you a great timepiece – an Apple Watch! Visit the Professional Heart Daily (PHD) booth (#333) to earn a chance to be one of two lucky prize winners. For a second chance to win – and fun giveaway items – take a brief quiz about PHD, the leading online resource for CV and stroke professionals.

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

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

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

WIFI
WiFi is available throughout the convention center.

STROKE COUNCIL ACTIVITIES
Wednesday, Feb 22, 12:10 pm – 1:30 pm, Room 361 A-F
Fellow and Early Career/Stroke Leader Roundtable 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 lunch will provide an informal forum for new connections to be made between early career professionals and leaders in stroke. Special efforts have been made to ensure a memorable and worthwhile activity for all attendees. This luncheon is open only to students and early career registrants (those who have completed training in the last five years or those in the first five years after faculty appointment.)

Facilitator: Sean I Savitz, MD, FAHA, Houston, TX

Table Moderators/Leaders:
- Acute Stroke
  - Karen C Johnston, MD, FAHA, Charlottesville, VA
- Neurointervention
  - Muhammad Shazam Hussain, MD, FRCP, Cieland, OH
- Neurointervention
  - Tudor G Jovin, MD, Pittsburgh, PA
- Neurointervention
  - Sandra Narayanan, MD, Detroit, MI
- NINDS / Director of Division of Clinical Research
  - Clinton B Wright, MD, MS, Bethesda, MD
- NINDS / Epidemiology and Trials
  - Claudia Moy, PhD, Bethesda, MD
- Nursing
  - Kenneth Reichenbach, MSN, CRNP, Allentown, PA
- Stroke Basic Science / Immunology
  - Lauren Sansing, MD, MS, New Haven, CT
- Stroke Genetics
  - Daniel Woo, MD, MS, Cincinnati, OH
- Stroke Imaging
  - David S Liebeskind, MD, FAHA, FAAN, Los Angeles, CA
- Stroke Journal
  - Karen L Furie, MD, Boston, MA
- Stroke and Neurocritical Care
  - Alexander Flint, MD, PhD, Redwood City, CA
- Stroke Quality Improvement
- Stroke Prevention
  - Marc I Chimowitz, MD, FAHA, Charleston, SC
- Stroke Prevention
  - Hooman Kamel, MD, New York, NY
- Stroke Prevention
  - Hooman Kamel, MD, New York, NY
- Stroke Prevention
  - Shyam Prabhakaran, MD, Chicago, IL

We would like to thank Dr. Pooja Khatri for her time and effort in planning this Early Career Luncheon.
Wednesday, Feb 22, 12:10 pm – 1:30 pm, Room 320 A-C
Advance Practice Providers’ Luncheon
Conference attendees must register for this luncheon. Tickets are $25 and seating is limited.

Introduction: Expanding APP Roles & Opportunities
Anne Alexandrov, PhD, RN, CCRN, NVRN-BC, ANVP-BC, AGACNP-BC, FAAN

From PSC to CSC: Becoming a Comprehensive Stroke Center
Joanna Yang, DNP, ACNP-BC, FNP-BC, ANVP-BC

Preparing for CSC Re-Certification
Michelle Whaley, MSN, CNS

Measuring APP Role Impact
Natalie Hall, MSN, RN, NP-C

APPs in Neurocritical Care
Sarah Livesay, DNP, RN

APP Scholarship: The APP as Researcher, Presenter and Author
Anne Alexandrov, PhD, RN, CCRN, NVRN-BC, ANVP-BC, AGACNP-BC, FAAN

Establishing and Maintaining an APP Outpatient Stroke Clinic
Christina Condon, MSN, NP-C

Establishing and Maintaining an APP Outpatient Stroke Clinic
Sarah Lycan, NP

Fellowship Training in Stroke: Is it Necessary?
Michelle Starr, PA-C, ANVP-BC

Advanced Neurovascular Certification: Is it Necessary?
Dana Reiner Beenstock, MSN, RN, ANVP-BC, NVRN-BC

Administrative Support for APP Resources: Demonstrating Return on Investment
Debbie Hill, FAHA

Time & Position Management: Learning to Say “NO” While Maintaining Role Value
Kate Al-Hafian, NP

APPs as Stroke Coordinators – Balancing Patient Care and Program Development
Fern Cudlip, MSN, RN, ANVP-BC, NVRN-BC

APPs in Interventional Neuroradiology
Abbigayle Doen, APN, FNP-BC, ANVP-SCRN

Establishing International Neurovascular APP Role Consensus
Wendy Dusenbury, DNP, APRN, FNP-BC, CRNN, ANVP-BC

Working Together with Fellow and Resident Physicians in the Hospital Setting
Kate E Klein, MS, ACNP-BC, RN, CRRN
Melissa Ellis, DNP, MSN, ACNP-BC, RN, CRRN

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

Wednesday, Feb 22, 6:45 pm, Poster Hall, Hall E
Stroke Council Annual Business Meeting
All Stroke Council Members are welcome and encouraged to attend.

The Stroke Council will hold its Annual Business Meeting on Wednesday, February 22 from 6:45 pm – 7:30 pm in the George R Brown Convention Center, Poster Hall, Hall E. Remain in the Poster Hall after the poster sessions to enjoy refreshments, hear the latest council news, network with your peers and participate in informative roundtable discussions.

Stroke Council Chair: Colin P Derdeyn, MD, FAHA

Thursday, Feb 23, 12:10 pm – 1:30 pm, Room 361 A-F
Nursing and Rehabilitation Professionals Luncheon
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.

Moderators: Claranne P Mathiesen, MSN, BSN, RN, CRNN, Stroudsburg, PA
Sue Pugh, RN, MSN, CRNN, CRNRN, CNS-BC, CBIS, FAHA, Baltimore, MD

Individualized Electronic Care Plans and Performance Measures for Comprehensive Post-acute Stroke Care
Pamela Duncan, PT, PhD, FAHPA, FAHA, Winston-Salem, NC
Christina Condon NP, MSN, Winston-Salem,
Sarah Lycan NP, MSN, Winston-Salem,
Barbara Lutz, PhD, RN, CRNN, APHN-BC, FAHA, FNAP, FAAN, Wilmington, NC
Janet Prvu Bettger, ScD, FAHA, Durham, NC

We would like to thank Claranne Mathiesen, Michelle Camicia, and the Nursing and Rehabilitation Professions Committee for their time and effort in planning this luncheon.

Thursday, Feb 23, 12:10 pm – 1:30 pm, Room 320 A-C
Basic Scientists Networking Luncheon
Conference attendees must register for this luncheon. Tickets are $25 and seating is limited.

We would like to thank Raghu Vemuganti for his time and effort in planning this luncheon.

AWARD INFORMATION

The International Stroke Conference 2017 is pleased to offer awards for investigators in stroke-related research. Selected awardees will present and be acknowledged at the International Stroke Conference.

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

Wednesday, Feb 22, 11:00 am, Hall C
David G Sherman Lecture:
With a Little Help from My Friends: Seeking Consistent and Persuasive Evidence
E Clarke Haley, Jr, MD, FAHA, Charlottesville, VA

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

Thursday, Feb 23, 10:35 am, Hall C
Thomas Willis Lecture:
Brain Damage and Repair after Intracerebral Hemorrhage
Jaroslaw Aronowski, PhD, FAHA, Houston, TX

William M Feinberg Award for Excellence in Clinical Stroke
The International Stroke Conference 2017 Program Committee accepted nominations for the 2017 William M Feinberg Award for Excellence in Clinical Stroke. This award recognizes significant contributions to the investigation and management of clinical research in stroke.

Friday, Feb 24, 11:33 am, Hall C
William M Feinberg Award for Excellence in Clinical Stroke:
Big Pictures and Small Vessels
Steven M Greenberg, MD, PhD, FAHA, Boston, MA

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.
Wednesday, Feb 22, 8:45 am, Room 310 A-C
Stroke Research Mentoring Award
Louise McCullough, MD, PhD, FAHA, Houston, TX

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 22, 7:00 am, Clinical Rehabilitation and Recovery Oral Abstracts I, General Assembly C
Stroke Rehabilitation Award: A Phase Ib Double-blind, Randomized, Placebo Controlled Study of GSK249320 for Stroke Recovery
Steven Cramer, MD, MD, Irvine, CA

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

Wednesday, Feb 22, 7:00 am, Emergency Care/Systems Oral Abstracts I, Grand Ballroom B
Stroke Care in Emergency Medicine Award: Long Term Outcomes of Intravenous Glyburide in Patients 70 Years of Age or Under: Subgroup Analysis From the Phase II GAMES-RP Study of Patients with Large Hemispheric Infarction
Kevin N Sheth, MD, New Haven, CT

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.

Wednesday, Feb 22, 9:57 am, Basic and Preclinical Neuroscience of Stroke Recovery Oral Abstracts I, General Assembly B
Yejie Shi, MD, PhD, Pittsburgh, PA

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 22, 2:18 pm, Community/Risk Factors Oral Abstracts I, General Assembly B
Robert G Siekert New Investigator Award in Stroke: APOE Genotype Modifies the Effect of Blood Pressure on Long-term Clinical Deterioration Following Intraoperative Hemorrhage
Alessandro Biffi, MD, FAHA, Boston, MA

NEW! Vascular Cognitive Impairment Award
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.

Wednesday, Feb 22, 4:06 pm, Vascular Cognitive Impairment Oral Abstracts, Room 310 A-C
Vascular Cognitive Impairment Award: Nutrition and Cognitive Decline Over 21-years: Results from the Atherosclerosis Risk in Communities Study (ARIC)
Jennifer L Deaeborn, MD, New Haven, CT

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/ASA 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.

Friday, Feb 24, 8:45 am, Vascular Biology in Health and Disease Oral Abstracts, General Assembly C
Stroke Basic Science Award:
Pericytic Laminin Regulates Blood-Brain Barrier Integrity in an Age-Dependent Manner
Yao Yao, PhD, Duluth, MN

ISC Junior Investigator Travel Grants
The International Stroke Conference 2017 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 2017, present research in oral or poster format, and engage in discussion with senior investigators. Application for travel grants for ISC 2018 will take place during the ISC 2018 abstract submission process. You must submit an abstract for ISC 2018 to be eligible to apply for a travel grant.

The International Stroke Conference 2017 Program Committee would like to thank the AHA/ASA’s Stroke Council for their very generous contribution to the ISC 2017 travel grants.

NOMINATIONS FOR ISC 2018 AWARDS

Nominations for ISC 2018 Awards
ISC staff will begin accepting nominations for the named ISC awards on Wednesday, February 22, 2017. The deadline to submit nominations for the Feinberg, Sherman, Willis and Mentoring Awards is Wednesday, June 21, 2017. Please go to strokeconference.org/awardsandlectures for more information about each of these awards.

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

Applications for the abstract-based awards will occur during the abstract submission process, May 10 – August 1, 2017.

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

POSTERS

Professor-Led Poster Tours and Regular Poster Sessions
During the ISC 2017 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 poster presenter will have approximately 2 minutes to present the highlights of his or her work, followed by 3 minutes for a Q&A from attendees. There are 10 different poster tours to select from during each Poster Tour Session.

To be a part of a Poster Tour, please turn to pg 50 and pg 82 in the Poster Abstracts section of the Final Program and decided which section/category of posters you would like to attend during each of the two Poster Tour Sessions. Five – ten minutes prior to the Poster Tour Session start time, simply go to the correspondingly numbered “Section” sign for that section/category of posters.

During the Regular Poster Sessions, poster presenters will stand by their poster for individual Q&A time with attendees; they will not give a formal presentation. These posters are separate and not a part of the Professor-Led Poster Tours. To see the posters in the Regular Poster Session, please turn to pg 57 and pg 69 in the Poster Abstracts section of the Final Program.

A map of the Poster Hall is available at the front of the Poster Abstracts Section; it will highlight the Professor-Led Poster Tour sections and the Regular Poster sections.
Posters will be available for viewing in the Poster Hall (Hall E, Level 1) from 8:00 am – 6:45 pm on Wednesday, Feb 22 and Thursday, Feb 23. The speaker-attended poster sessions will take place at the following times:

**Wednesday, Feb 22**
- Professor-Led Poster Tours: 5:15 pm – 6:15 pm
- Regular Poster Session: 6:15 pm – 6:45 pm

**Thursday, Feb 23**
- Professor-Led Poster Tours: 5:15 pm – 6:15 pm
- Regular Poster Session: 6:15 pm – 6:45 pm

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

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

Missed the poster presenter? Use your smartphone to scan these boxes and you’ll have access to online audio and posters. Follow the directions below to download free software to your smartphone.

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

### Start Planning Now for the International Stroke Conference 2018 in Los Angeles, California!

#### CALL FOR SCIENCE

Thank you for attending the International Stroke Conference 2017. Please don’t forget these important dates for the International Stroke Conference 2018 which will take place January 24-26, 2018:

**Submit Session Ideas**
- Suggested Session Submitter Opens: Monday, Feb 20, 2017
- Suggested Session Submitter Closes: Monday, March 20, 2017

**Submit Your Best Science for Consideration for ISC 2018**

Presenting your science at ISC offers you many benefits:

- **International Impact:** Media coverage from around the world resulted in more than 2 billion media impressions for ISC 2016.
- **Network with Leaders in the Stroke Field:** Attend ISC and discuss your findings with stroke research and practice experts from around the globe.
- **Virtual Reach:** The ISC reached nearly 5 million people via AHA social media channels
- **Published Abstracts:** Accepted ISC and Nursing Symposium abstracts will be published online on the Stroke journal Web site.
- **Member Benefits:** Member-rate abstract submission fee. Researchers and clinicians of any level 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 10, 2017
- Submission Closes: Tuesday, Aug 1, 2017

**Submit Late-Breaking Clinical Trials**, **Late-Breaking Basic Science** and **Ongoing Clinical Trials Abstracts**
- Submission Opens: Wednesday, Sept 27, 2017
- Submission Closes: Wednesday, Oct 25, 2017

* There will be a $250 submission fee attached to the Late-Breaking Clinical Trials abstract submissions.

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.

### Leaders, Legends, and Legacies in Stroke: In Memoriam

**Henry J M (Barney) Barnett**

February 10, 1922 – October 20, 2016

Degrees/Designations: MD, FRCP(C), FACP, CC

Specialty: Neurology

Medical School: University of Toronto

Institution(s):

- Chief of the Division of Neurology at Sunnybrook Medical Centre
- Chief of the Division of Neurology at The University of Western Ontario and Victoria Hospital
- Chairman of the Department of Clinical Neurological Sciences at Western University
- Scientific Director, Robarts Research Institute;

**Notable Career Highlights:**

- Principal Investigator of the first randomized trial to show that aspirin reduced the risk of stroke; the NASCET (North American Carotid Endarterectomy Trial); and the EC-IC Bypass study (Extracranial–Intracranial).
- Editor of Stroke from 1982 to 1986.
- Founding Scientific Director of the Robarts Research Institute at the University of Western Ontario, London, ON, Canada.
- Founded the Department of Neurosciences at Sunnybrook Hospital (1967)
- Co-founded the world’s first multidisciplinary Department of Clinical Neurological Sciences at the University of Western Ontario. (1969)
- Co-founded the Robarts Research Institute. (1986)
- Karolinska Award of Excellence in Stroke Research. (2008)
- Honorary degrees from the University of Western Ontario, Dalhousie University, Utrecht Universities and the New York Institute of Technology.
- Honorary Doctor of Science from Oxford University. (2012)
- Companion of the Order of Canada.
- Hundreds of publications include the standard stroke reference work: *Stroke: Pathophysiology, Diagnosis and Treatment.*
Is your patient education measuring up?

- Do patients comprehend, retain and comply?
- Does it conform to nationally recognized standards?
- Is it accessible where and when patients need it most?

Visit ISC HeadQuarters Booth #233 or HeartCareChannel.com/MeasureUp to schedule a demo of the HeartCare Channel. Complete a demo by March 1 and be entered in a drawing to win one of 3 Fitbit activity trackers!
Get the most out of your Cardiovascular and Stroke Nursing Council Professional Membership

Benefits include:
- Access to all 11 online AHA scientific journals (full text)**
- Countless networking opportunities with like-minded professionals
- The AHA research grant application fee is waived for members
- Endless opportunities to get involved in the AHA mission and to mentor others
- Benefits that extend beyond science so you can contribute to the AHA/ASA’s mission of building healthier lives free of cardiovascular diseases and stroke.

Learn more about the CVSN Council at professional.heart.org/cvsncouncil.

Visit our staff at HeadQuarters Booth 233 to learn more about the CVSN Council and the benefits belonging to the AHA/ASA Professional Membership and our network of nearly 33,000 members.

*Benefits depend on membership tier.
**Only applies to premium level members.
State-of-the-Science Stroke Nursing Symposium 2017

Tuesday, Feb 21, 2017
George R Brown Convention Center
Houston, TX

The American Heart Association/American Stroke Association is grateful to the members of the 2017 State-of-the-Science Stroke Nursing Symposium Program Committee for their dedication and leadership provided throughout the year planning the program.

Program Committee
Karen L. Saban, PhD, APRN, RN, CNRN, Chair
Dawn Aycock, BSN, MSN, PhD, Vice Chair
Tauna L Barr, PhD, RN
Michelle Camicia, MSN, CRNN
Jennifer Cohn, MSN, CRNN, FAHA, Immediate Past Chair
Janice Hinkle, PhD, RN, CRNN (CVSN Liaison)
Elaine T Miller, PhD, RN, CRNN, FAHA, FAAN (ISC Program Committee Liaison)
Sue B Pugh, MSN, RN, CRNN, CRRN, CNS-BC, CBIS, FAHA
Debbie Summers, RN, MSN, FAHA, ARNP (AANN Liaison)

Program Committee’s Conflict of Interest Information
K L Saban: None.
D Aycock: Research Grant; Significant; NINR K01 funded SCCORRE grant.
T L Barr: Employment; Modest; CereDx Inc. Ownership Interest; Modest; CereDx Inc.
M Camicia: Research Grant; Modest; Rehabilitation Nursing Foundation, The Betty and Gordon Moore Foundation. Expert Witness; Modest; Rehabilitation hospital plaintiff and defense nurse expert. Consultant/Advisory Board; Modest; NIH Medical Rehabilitation Research Advisory Board, NEOF Neurology Standing Committee
J Cohn: Consultant/Advisory Board; Modest; Codman and Shurtleff, INC.
J L Hinkle: None
E T Miller: None.
S B Pugh: None.
D R Summers: None.

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

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

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

Learning Objectives
At the conclusion of the State-of-the-Science Stroke Nursing Symposium, participants should be able to:
• Define collaborations to improve quality of life across the care continuum including:
  o Barriers and the need for support groups and return to work
  o Dysphagia screening – past, present and future
  o Palliative care
• Apply strategies for assessing and managing cognitive, emotional and sleep issues related to stroke including:
  o Delirium post-stroke
  o Emotional disturbances after stroke: depression and emotionalism
  o Screening for depression and obstructive sleep apnea (OSA) in stroke: why, what, where, and when

Joint Accreditation Statements
The American Heart Association is accredited by the American Nurses Credentialing Center (ANCC), the Accreditation Council for Pharmacy Education (ACPE), and the Accreditation Council for Continuing Medical Education (ACCME), 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 will no longer be available to claim after August 22, 2017.

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.

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

TUESDAY, FEBRUARY 21

For the most current program information and speakers, please go to strokeconference.org or download the ISC 2017 Mobile Meeting Guide app.

8:00 am – 11:30 am
Main Event
Hall C

Moderators: Karen L. Saban, PhD, APRN, CNRN, Maywood, IL
Dawn Aycock, PhD, MSN, BSN, Atlanta, GA

8:00 Opening Remarks
Karen L. Saban, PhD, APRN, CNRN, Maywood, IL

8:10 Council Remarks
Deborah Chyun, PhD, RN, FAHA, FAAN, New York, NY

8:15 Program Remarks
Janice L Hinkle, PhD, RN, CNRN, Washington, DC

8:20 - 9:50
Optimizing Community Re-Integration Post Stroke

8:20 The Importance of Caregivers in Optimizing Community Re-Integration Post Stroke
Tamlyn Bakas, PhD, RN, FAHA, FAAN, Cincinnati, OH

8:45 A Willing and Able Caregiver Will Optimize Community Re-Integration Post Stroke: The Importance of Making This Evaluation
Barbara Lutz, PhD, RN, CRNN, FAHA, Wilmington, NC

9:10 Community-Based Outpatient Stroke Rehabilitation Program Achieves Excellent Outcomes Including Return to Work, Driving, and Other Rehab Outcomes
Joan C Breen, MD, Bradford, MA
Jeanne Andrusin, APRN, Bradford, MA

9:40 Discussion
9:50 am - 10:05 am

Short Break

10:05 – 11:30

“It’s a Small World After All”:
Nursing Speaking the Same Language in Stroke Care

Caryn Amedeo, BSN, RN, Providence, RI

10:30

Enter the Translators: A Medical Communication Center Is Built
Nelson Pedro, NREMT-P, Providence, RI

10:55

“We Are Family”: The Benefits of Improved Communication
Patricia Carreno, BSN, Providence, RI

11:20 Discussion

11:30 am – 1:00 pm

Lunch - Grand Ballroom A-B
A boxed lunch will be provided.

1:00 pm – 5:00 pm

Concurrent A – Room 370 A-F

Let’s Go! Facilitating Admission, Progression, and Discharge for Stroke
Moderator: Barbara J Lutz, PhD, RN, CRNN, APHN-BC, FAHA, FNAP, FAN, Wilmington, NC

1:00 – 2:00

Treatment Delay for Acute Ischemic Stroke

Claudia Beal, PhD, RN, Waco, TX

1:25

In-Hospital Treatment Delay for Acute Ischemic Stroke
Daiva Olen, PhD, RN, CCN, Dallas, TX

1:50 Discussion

2:00 – 2:45

APRN-Led Stroke Care Across the Continuum

Michelle Whaley, MSN, Englewood, CO

2:20 Post-acute Program

Christina N Condon, MSN, NP-C, Winston Salem, NC

2:40 Discussion

2:45 pm – 3:00 pm

Short Break

Moderator: Janice L Hinkle, RN, PhD, CNRN, FAHA, Washington, DC

3:00 – 3:50

AANN Stroke Nursing: Conducting a Symphony of Care

Lynn Hundley, MSN, RN, APRN, Louisville, KY

Erin M Conahan, MSN, RN, Alentown, PA

3:50 Discussion

4:00 Development of the Preparedness Assessment for the Transition Home After Stroke (PATH-s) Instrument

Michelle Camicia, Kaiser Free Rehabilitation Ctr, Vallejo, CA

1:00 pm – 5:00 pm

for the Treatment of Hemorrhagic Strokes

Andrea M Korsnack, Univ of Toledo Medical Ctr, Toledo, OH

4:15 RACE to Treat Stroke: The Results

Andrea M Korsnack, Univ of Toledo Medical Ctr, Toledo, OH

4:30 Process Implementation in the Emergency Department for the Treatment of Hemorrhagic Strokes

Meredith Snyder, Univ of Colorado Hosp, Aurora, CO

Karen Jepson, Univ of Colorado Hosp, Aurora, CO

4:45 Discussion

1:00 pm – 5:00 pm

Concurrent B – Room 310 A-C

Defense! Defense! Evidence-Based Strategies for Preventing Stroke and Stroke Complications
Moderator: Taura L Barr, PhD, RN, Morgantown, WV

1:00 – 2:00

Cryptogenic Stroke Diagnosis Impacts Patient Outcomes

Debbie R Summers, RN, MSN, FAHA, ARNP, Kansas City, MO

1:20 Scope of the Problem: Etiology of Cryptogenic Stroke

Mary Amatangelo, MS, RN, ACNP-BC, CCN, CRNN, SCRN, Boston, MA

1:40 Barriers to Patient Management and Secondary Prevention

Patricia Lane, MBA, BSN, Midlothian, VA

2:00 Optimizing Secondary Prevention of Stroke

Dawn Kleindorfer, MD, FAHA, Cincinnati, OH

2:45 pm – 3:00 pm

Short Break

Moderator: Debbie R Summers, RN, MSN, FAHA, ARNP, Kansas City, MO

3:00 Promoting a Healthy Diet in Patients and Their Family Members following Stroke

Suzanne E Judd, PhD, Birmingham, AL

4:00 Effect of Intensive Systolic Blood Pressure Lowering on Hematoma Expansion in Patients with Intracerebral Hemorrhage: Analysis of Antihypertensive Treatment of Acute Cerebral Hemorrhage (ATACH) II Trial

Adnan I Qureshi, Zeenat Qureshi Stroke Inst, El Paso, TX

Mushiq H Qureshi, Zeenat Qureshi Stroke Inst, El Paso, TX

4:15 Implementing NICE (Neurological Intensive Care Evaluation) in the CVICU to Identify Neurological Dysfunction More Rapidly in Post-Operative Cardiac Surgery Patients

Anne W Alexandrov, Univ of Tennessee Health Science Ctr, Memphis, TN

Andrei V Alexandrov, Univ of Tennessee Health Science Ctr, Memphis, TN

4:45 Discussion

1:00 pm – 5:00 pm

Concurrent C – Room 361 A-F

Go Team! Collaborations to Improve Quality of Life Across the Care Continuum
Moderator: Michelle Camicia, MSN, CRNP, Vallejo, CA

1:00 Hemorrhagic Stroke: Returning to Work and Support Groups

Marissa DeJesus, Columbus, OH

2:00 Dysphagia Screening – Past, Present, Future

Stephanie K Daniels, PhD, CCC-SLP, Houston, TX

2:45 pm – 3:00 pm

Short Break

Moderator: Elaine T Miller, PhD, RN, CRNP, FAHA, FAAN, Cincinnati, OH

3:00 Palliative Care

Denise Versosky, MSN, RN, Pittsburgh, PA

4:00 Strategies for Enhancing Stroke Self-management

Among Older Stroke Survivors: A Mixed Methods Inquiry

Janet W Sit, The Chinese Univ of Hong Kong, Shatin, NT, Hong Kong

Ruth E Taylor-Piliae, The Univ of Arizona, Tucson, AZ

4:15 Male Caregivers Report Problems and Successes Caring for Wives/Partners

Linda L Pierce, The Univ of Toledo, Toledo, OH

Victoria Steiner, The Univ of Toledo, Toledo, OH

4:30 A Depression Screening Protocol for Acute Stroke Patients a Quality Improvement Project

Celia A McIntosh, Rochester Regional Health, Rochester, NY

4:45 Discussion

1:00 pm – 5:00 pm

Concurrent D – Room 350 D-F

Bring it On! Strategies for Assessing and Managing Cognitive, Emotional and Sleep Issues Related to Stroke
Moderator: Terrie Black, DNP, BSN, FAHA, Amherst, NY

1:00 Delirium Post-stroke

Vanessa Gormley, Boston, MA

Jennifer O’Neill, Boston, MA

2:00 Emotional Disturbances after Stroke: Depression

Marie Hackett, BA, MA, PhD, Sydney, Australia

2:15 Emotional Disturbances after Stroke: Emotionalism

Smi Choi Kwon, PhD, RN, Seoul, Korea, Republic of

2:30 Discussion
Short Break

Moderator: Jennifer Cohn, MSN, RN, FAHA, Indianapolis, IN

3:00 – 4:00
Screening for Depression and Obstructive Sleep Apnea (OSA) in Stroke: Why, What, Where, When

3:00 Depression Screening: What Is the Best Tool and When Should It Be Performed?
Kathy Bergeron, Newport, RI

3:30 Should OSA Screening in Stroke Be The New Standard?
Joann Sarafin, RN, Providence, RI

4:00 Patients with Mild and Moderate Stroke Have Frequent, Severe, and Persistent Impairment in Information Processing Speed
Susan Alderman, Univ of Texas- Houston, SON, Houston, TX
Joshua Breier, Univ of Texas- Houston, SON, Houston, TX

3:15 Identifying Discharge Needs for Stroke Patients Using the Montreal Cognitive Assessment
Melissa Angulo, Univ of Illinois Hosp and Health Sciences System, Chicago, IL
Maureen Hillmann, Univ of Illinois Hosp and Health Sciences System, Chicago, IL

4:15 Nursing-led Intervention to Improve Use of Prolonged Arrhythmia and Polysomnography in Veterans with Ischemic Stroke
Sharon Bottomley, VA Connecticut Healthcare System, West Haven, CT
Jason J Sico, VA Connecticut Healthcare System, West Haven, CT

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 2017 Mobile Meeting Guide app.


CALL FOR SCIENCE
Thank you for attending the State-of-the-Science Stroke Nursing Symposium 2017. Please don’t forget these important dates for the State-of-the-Science Stroke Nursing Symposium 2018 and the International Stroke Conference 2018, which will take place JANUARY 23-26, 2018:

Submit Session Ideas
Submit your session suggestions for the Stroke Nursing Symposium 2018.

Suggested Session Submitter Opens: Monday, Feb 20, 2017
Suggested Session Submitter Closes: Monday, March 20, 2017

Submit Your Best Science for Consideration for the Stroke Nursing Symposium and the International Stroke Conference 2018
Presenting your science at ISC and the Stroke Nursing Symposium offers you many benefits:

• International Impact: Media coverage from around the world resulted in more than 2 billion media impressions for ISC and Stroke Nursing Symposium 2016.

• Network with Leaders in the Stroke Field: Attend ISC and the Nursing Symposium and discuss your findings with stroke research and practice experts from around the globe.

• Virtual Reach: The ISC and Stroke Nursing Symposium 2016 reached nearly 5 million people via AHA social media channels

• Published Abstracts: Accepted ISC and Nursing Symposium abstracts will be published online on the Stroke journal Web site.

• Member Benefits: NEW 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.

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 10, 2017
Submission Closes: Tuesday, August 1, 2017

Submit Late-Breaking Clinical Trials,* Late-Breaking Basic Science, and Ongoing Clinical Trials Abstracts
Submission Opens: Wednesday, Sept 27, 2017
Submission Closes: Wednesday, Oct 25, 2017

* There will be a $250 submission fee attached to the Late-Breaking Clinical Trials abstract submissions.

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.
Call for Abstracts:
May 10–Aug 1, 2017 (11:59 PM CDT)

Late-Breaking Clinical Trials, Late-Breaking Basic Science, and Ongoing Clinical Trials Abstract Submission:
Sept 27–Oct 25, 2017

Housing & Registration Opens:

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<th>FAHA/VIP:</th>
<th>Members*:</th>
<th>Nonmembers:</th>
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*Must be an AHA/ASA Professional Member by Sept 20, 2017 to qualify for the opening of priority registration and housing.

Save up to $1,160 on ISC 2018 registration fees!**
**Registration savings depend on registration level and membership tier.

Advanced Registration Deadline:
Jan 2, 2018

Learn more at strokeconference.org.
Thank you for being a valued member of the American Heart Association/American Stroke Association (AHA/ASA)!

Stop by our Booth #233 onsite at ISC 2017 to discuss your benefits, renew your membership or learn about how to become a Fellow of the American Heart Association!

If you don’t have a chance to stop by and would like to renew your membership, please go to professional.heart.org/membership and enter code **AHJ022ZZ**.

We look forwarding to providing you valuable science, networking, and resources in 2017!
NIH Stroke Scale
an online CME/CE training program

This CME/CE online training program is designed for healthcare professionals to learn or review how to administer the NIH Stroke Scale for acute stroke assessment including demonstrating their continued mastery of this tool by successfully assessing a series of test scenarios. The NIH Stroke Scale is a critical component of acute stroke assessment.

Register today at bit.ly/nihss16
ISC Pre-Conference Symposium I

Stroke in the Real World: Thinking from the Heart – Management of Cardiac Disease to Improve Stroke Outcomes

Tuesday, Feb 21, 2017
George R Brown Convention Center
Houston, Texas

The American Heart Association/American Stroke Association is grateful to the members of the ISC 2017 Pre-Conference Symposium I Program Committee for their dedication and leadership provided throughout the year in planning the program.

Program Committee
Ted Wein, MD, FRCP, FAHA, Chair
Christie M Ballantyne, MD
Brett L Cucchiara, MD, FAHA
Gregg C Fonarow, MD, FAHA
Nicole R Gonzales, MD
James Grotta, MD
Mike Sharma, MD, MSc, FRCP
Richard Smalling, MD, PhD, FAHA
Bruce Ovbiagele, MD, MSc, FAHA (ISC Program Committee, Chair)
Miguel A Perez-Pinzon, PhD, FAHA (ISC Program Committee, Vice Chair)

Program Committee’s Conflict of Interest Information
T Wein: Research Grant; Modest; Astra Zeneca, Allergan Inc, Accordia, Speakers Bureau, Modest; Allergan Inc, BMS, Bayer, Boehringer Ingelheim. Other; Modest; Consultant Allergan Inc.
C Ballantyne: Consultant/Advisory Board; Modest; Abbott Diagnostics, Amarin, Aventis, Eli Lilly, Esperion, Ionis, Matinas BioPharma Inc, Novartis, Regeneron, Roche Diagnostic. Consultant/Advisory Board; Significant; Astra Zeneca, Boehringer Ingelheim, Merck, Pfizer, Sanofi-Synthelabo. Research Grant; Significant; Abbott Diagnostic, Amarin, Aventis, Eli Lilly, Esperion, Ionis, Novartis, Pfizer, Regeneron, Roche Diagnostic, Sanofi-Synthelabo, NIH, AHA, ADA (all paid to Institution, not individual).
B Cucchiara: Research Grant; Modest; Bristol Myers Squibb. Consultant; Modest; Boehringer Ingelheim, Bristol Myers Squibb. Honoraria; Modest; OptoDate, Expert Witness.
G Fonarow: Research Grant; Modest; PCORI. Research Grant; Modest; NIH. Employment; Significant; UCLA.
N Gonzales: Research Grant; Modest; NINDS. Clinical trial evaluating carotid revascularization (CAS or CEA) plus best medical management vs. best medical management only for patients with asymptomatic internal carotid artery stenosis, ASA Medical Corporation, RESPECT TRIAL. Randomized Evaluation of Recurrent Stroke, TIA, or Peripheral Embolism Comparing PFO Closure to Establish Current Standard of Care Treatment, Edwards Lifesciences LLC, The PARTNER II Trial: Placement of Aortic Transcatheter Valves, Edwards Life Sciences LLC, Partner 3 Trial: A prospective, randomized, controlled, multi-center study to establish the Safety and Effectiveness of the Sapien 3 Transcatheter Heart Valve in Low Risk P.
J Grotta: Research Grant; Significant; AHA, PCORI, Genentech. Consultant/Advisory Board; Significant; Frazer Ltd, Stryker.
M Sharma: Other Research Support; Significant; Bayer, Bristol Myers Squibb, Behringer Ingelheim. Advisory Boards; Modest; AZ Therapies.
R Smalling: Research Grant; Significant; St. Jude. Consultant/Advisory Board; Significant; St. Jude.
B Ovbiagele: Research Grants; Significant; NIH-U01 NS079179, US4 HG007479, R25NS098999, R21TW010479, R21NS094033.
M Perez-Pinzon: Research Grants; Significant; NIH/NINDS R01 NS45676-08, NIH/NINDS R01 NS34773-15, NIH/NINDS TR21NS098996-01, SR01NS073779-04, AHA/ASA-Bugher Foundation. Employment; Significant; University of Miami Miller School of Medicine.

Symposium Description
This Pre-Conference Symposium of the International Stroke Conference is designed to provide cutting edge information for healthcare professionals caring for patients with, or at risk for stroke. This one-day symposium highlights scientific advances in cerebrovascular disease while emphasizing their application in the real world. The symposium informs the audience about issues along the full continuum of stroke care and covers varied topics of interest to healthcare providers working in the emergency department, hospitalist settings, primary care, general neurology, pharmacies, and other stroke care arenas. This year’s symposium will focus on the management of cardiac disease in order to improve stroke outcomes. Topics addressed this year are: should interventional cardiologists be doing endovascular procedures in acute stroke; what lessons can neurologists learn from cardiac trials on lysis vs endovascular procedures; should we be closing PFOs; left atrial appendage closure for stroke prevention in atrial fibrillation; what are the indications for prolonged monitoring of AF and whether duration matters; understanding the use of antiplatelet and triple therapy use in cardiology; what is the best approach to the use and selection of novel anticoagulants from both a cardiology and neurology perspective; and monitoring anticoagulation in patients with NOACS from both a cardiology and neurology perspective. There will also be a series of challenging breakout sessions. Participants will also have the opportunity to have an informal lunch with the faculty where questions or challenging stroke cases may be discussed.

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

- theorize if interventional cardiologists should be doing endovascular procedures in acute stroke patients
- discuss what lessons neurologists can learn from cardiac trials on lysis vs endovascular procedures
- question if we should be closing PFOs
- describe left atrial appendage closure and if this is another treatment for stroke prevention in AF
- identify indications for prolonged monitoring and if duration matters
- explain antiplatelet and triple therapy use in cardiology including clinical indications, complications and durations
- document the approach to the use and selection of novel anticoagulants from both a cardiology and neurology perspective
- describe monitoring anticoagulation in patients with NOACS from both a cardiology and neurology perspective
- discuss:
  - how to safely discontinue antiplatelets/anticoagulants for procedures
  - common clinical dilemmas from both a cardiology and neurology perspective
  - how to manage asymptomatic carotid stenosis from both a cardiology and neurology perspective

Joint Accreditation Statements
The American Heart Association is accredited by the American Nurses Credentialing Center (ANCC), the Accreditation Council for Pharmacy Education (ACPE), and the Accreditation Council for Continuing Medical Education (ACCME), 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 7.50 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 Credits™ from organizations accredited by ACCME or a recognized state medical society. Physician assistants may receive a maximum of 7.50 hours of Category I 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 the ACCME.

**AMA Credit must be claimed within 6 months of attendance. Credit will no longer be available to claim after August 22, 2017.

ANCC Credit Designation Statement – Nurses
The maximum number of hours awarded for this CE activity is 7.50 contact hours.

**ANCC Credit must be claimed within 6 months of attendance. CME/CE will no longer be available to claim after August 22, 2017.
Tuesday, February 21

Stroke in the Real World: Thinking from the Heart – Management of Cardiac Disease to Improve Stroke Outcomes

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.

9:00 am – 12:35 pm
Main Event – Grand Ballroom C
Moderators: James Grotta, MD, FAHA, Houston, TX
Christie M Ballantyne, MD, Houston, TX

9:00 Howdy Y’All
Bruce Ovbiagele, MD, MSc, FAHA, Charleston, SC

9:05 Houston, We’ve Got A Problem: Should Interventional Cardiologist Be Doing Endovascular Procedures in Acute Stroke? Pro
Salman A Arain, MD, Houston, TX

9:15 Houston, We’ve Got A Problem: Should Interventional Cardiologist Be Doing Endovascular Procedures in Acute Stroke? Con
Raul G Nogueira, MD, Atlanta, GA

9:25 Rebuttal: Pro
Salman A Arain, MD, Houston, TX

9:30 Rebuttal: Con
Raul G Nogueira, MD, Atlanta, GA

9:35 Q&A

9:50 This Ain’t My First Rodeo: What Lessons Can Neurologists Learn from Cardiac Trials on Lysis vs Endovascular Procedures

10:20 Q&A

10:35 My Cow Died Last Night, So I Don’t Need Your Bull: Should We Be Closing PFO’s? Pro
John Carroll, MD, Aurora, CO

10:45 My Cow Died Last Night, So I Don’t Need Your Bull: Should We Be Closing PFO’s? Con
John Carroll, MD, Aurora, CO

10:55 Rebuttal: Pro
John Carroll, MD, Aurora, CO

11:00 Rebuttal: Con

11:05 Q&A

11:20 Bless Your Heart: Left Atrial Appendage Closure - Another Treatment for Stroke Prevention in AF?
Abhijeet Dhoble, MD, Houston, TX

11:40 Q&A

11:55 I’m Fixin to Find AF: Indications for Prolonged Monitoring and Does Duration Matter?

12:20 Q&A

12:35 pm – 1:35 pm
Lunch
All Faculty (A boxed lunch will be provided.)

1:35 pm – 2:15 pm
Main Event (cont) – Grand Ballroom C
Moderators: Nicole R Gonzales, MD, Houston, TX
John Carroll, MD, Aurora, CO

1:35 Ready and Rarin’ to Go: Antiplatelet and Triple Therapy Use in Cardiology: Clinical Indications, Complications and Durations
Neil S Kleiman, MD, FACC, FSCAI, Houston, TX

2:05 Q&A

2:20 pm – 3:05 pm
Concurrent Sessions
Concurrent IA – General Assembly A
Take the Bull by the Horns: How to Safely Discontinue Antiplatelets/ Anticoagulants for Procedures
Colin Barker, MD, Houston, TX

Concurrent IB – General Assembly B
Sweeter than Heaven and Hotter than Hell: Common Clinical Dilemmas: Perspectives from Cardiology and Neurology
Cardiology Perspective
Salman A Arain, MD, Houston, TX
Neurology Perspective
Bruce Ovbiagele, MD, MSc, FAHA, Charleston, SC

3:10 pm – 3:55 pm
Concurrent Sessions (Repeat)
Concurrent IIA – General Assembly A
Take the Bull by the Horns: How to Safely Discontinue Antiplatelets/ Anticoagulants for Procedures
Colin Barker, MD, Houston, TX

Concurrent IIB – General Assembly B
Sweeter than Heaven and Hotter than Hell: Common Clinical Dilemmas: Perspectives from Cardiology and Neurology
Cardiology Perspective
Salman A Arain, MD, Houston, TX
Neurology Perspective
Bruce Ovbiagele, MD, MSc, FAHA, Charleston, SC

4:00 pm – 5:30 pm
Closing Main Event – Grand Ballroom C
Moderators: Nicole R Gonzales, MD, Houston, TX
John Carroll, MD, Aurora, CO

4:00 You May All Go to Hell and I Will Go to Texas: Approach to the Use and Selection of Novel Anticoagulants: Cardiology Perspective
Prakash Balan, MD, Houston, TX

4:10 You May All Go to Hell and I Will Go to Texas: Approach to the Use and Selection of Novel Anticoagulants: Neurology Perspective
Valeria Caso, PhD, MD, FESO, Perugia, Italy

4:20 Counterpoint: Cardiology
Prakash Balan, MD, Houston, TX

4:22 Counterpoint: Neurology
Valeria Caso, PhD, MD, FESO, Perugia, Italy

4:25 Q&A

4:35 Don’t Squat with Your Spurs On: Monitoring Anticoagulation in Patients with NOACS: Cardiology Perspective
Mary Cushman, MD, MSc, FAHA, Burlington, VT

5:05 Q&A

5:20 It’s Time to Put the Chairs in the Wagon: Closing Remarks
Bruce Ovbiagele, MD, MSc, FAHA, Charleston, SC
ISC Pre-Conference Symposium II

Bridge Over Troubled Water: Issues in Translational Stroke Research

Tuesday, Feb 21, 2017
George R Brown Convention Center
Houston, Texas

The American Heart Association/American Stroke Association is grateful to the members of the ISC 2017 Pre-Conference Symposium II Program Committee for their dedication and leadership provided throughout the year in planning the program.

Program Committee
Louise D McCullough, MD, PhD, FAHA, Chair
Lauren H Sansing, MD, MSTR
Bruce Ovbiagele, MD, MSc, FAHA (ISC Program Committee, Chair)
Miguel A Perez-Pinzon, PhD, FAHA (ISC Program Committee, Vice Chair)

Program Committee's Conflict of Interest Information
L D McCullough: None
L Sansing: Research Grant; Significant; NIH.
B Ovbiagele: Research Grants; Significant; NIH U01 NS079179, U54 HG007479, R25NS098990, R21TW010479, R21NS094033
M Perez-Pinzon: Research Grants; Significant; NIH/NINDS R01 NS45676-08, NIH/ NINDS R01 NS34773-15, NIH/NINDS 1R21NS098996-01, 5R01NS073779-04, AHA/ ASA-Bugher Foundation. Employment; Significant; University of Miami Miller School of Medicine

Symposium Description
This pre-conference event was designed to discuss the challenges and opportunities in moving basic science research into efficacious and well-designed clinical trials. This half-day symposium brings together leading stroke researchers across the basic and clinical spectrum to discuss potential avenues for improvement in preclinical modeling, utilizing human samples to bridge the translational gap, and sharing experiences in successful translation to clinical trials. Examples from research in ischemic stroke, vascular dementia, and intracerebral hemorrhage will be discussed. In addition, speakers will address the new NIH requirements for rigor and transparency in the efforts to improve reliability of pre-clinical research discoveries and experiences in successful academic-industry partnerships in stroke therapy trials. We will conclude the session with a networking reception to allow for informal discussions on topics of interest to participants in greater depth and allow for opportunities for junior investigators to interact with senior stroke investigators with clinical and basic expertise.

Learning Objectives
After participating in this activity, participants will be able to:
- Discuss clinical stroke syndromes and how to model these in the laboratory.
- Stress the importance of understanding clinical stroke and the challenges that face patients that will help determine relevant therapeutic targets in humans, including quality of life and depression.
- Describe rigor, ensuring experimental plans model disease, and the new requirements for grant proposals.
- Identify how to use human specimens in basic science research including biomarkers, mechanistic human work, and potential sources of samples for your research.
- Discuss vascular dementia and challenges of animal models.
- Determine how to move pre-clinical targets to clinical trials.

Joint Accreditation Statements
The American Heart Association is accredited by the American Nurses Credentialing Center (ANCC), the Accreditation Council for Pharmacy Education (ACPE), and the Accreditation Council for Continuing Medical Education (ACCME), 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 3.75 AMA PRA Category 1 Credit™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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.

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

Tuesday, February 21

Bridge Over Troubled Water: Issues in Translational 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.

1:00 pm – 5:00 pm
Room 320 A-C

Moderators: Louise D McCullough, MD, PhD, FAHA, Houston, TX
Lauren H Sansing, MD, MSTR, New Haven, CT

1:00 Discussing Clinical Stroke Syndromes and How to Model
Patrick Lyden, MD, FAHA, Los Angeles, CA

2:00 Q&A

2:10 Rigor and Reproducibility in Grant Applications: Overview of New NIH Guidelines
Francesca Bosetti, PharmD, PhD, Bethesda, MD

2:40 Q&A

2:50 Maximizing Translational Relevance: Incorporating Human Samples in Scientific Research
Lauren H Sansing, MD, MSTR, New Haven, CT

3:20 Q&A

3:25 Break

3:40 Vascular Dementia
Masafumi Ihara, MD, Osaka, Japan

4:10 Q&A

4:20 Moving Pre-clinical Targets to Clinical Trials
Kevin N Sheth, MD, New Haven, CT

4:50 Q&A

5:00 Wine and Cheese Networking Reception
320 A-C Pre-Function Space
The latest news on MRI without the usual TMI.

A few minutes of your time might get you a great timepiece — an Apple Watch! Visit the Professional Heart Daily (PHD) booth (#233) to earn a chance to be one of two lucky prize winners. For a second chance to win — and fun giveaway items — take a brief quiz about PHD, the leading online resource for CV and stroke professionals.
Visit booth 233

Check your blood pressure and learn more about how you can join Target: BP and help the patients you serve achieve greater blood pressure control.

It’s time to take back control. Learn more at targetbp.org.

1 in 3 Americans has high blood pressure
Changes to the programming have occurred since the Final Program went to print. For the current, most accurate programming information, please refer to the Mobile Meeting Guide app. To download the app, search “AHA Events” in the App Store or Google Play.
### Wednesday, February 22 (7:00 am – 8:30 am)

#### Category SAH and Other Neurocritical Management

<table>
<thead>
<tr>
<th>Session Title</th>
<th>Nursing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detection and Management of Delayed Cerebral Ischemia: Navigating Through the Fog</td>
<td>Redefining the Continuum of Stroke Care for Working Age Adults</td>
</tr>
</tbody>
</table>

#### Session Type

- Invited Symposium

#### Room

- General Assembly A

#### Moderator(s)

- Robert Loch Macdonald, MD, PhD, FRCS(C), FAANS, FACS, Toronto, ON, Canada
- Stephen A Mayer, MD, FAHA, New York, NY
- Amy Edmunds, MA, Comway, SC
- Souvik Sen, MD, MS, MPH, FAHA, Colombia, SC

#### 7:00

- Diagnosing DCI: How Useful Are Imaging Studies?
  - Jose I Suarez, MD, Houston, TX
  - (7:00) What the Numbers Say: Comparative Analysis of Stroke Epidemiology in Young Adults
  - Virginia J Howard, PhD, FAHA, Birmingham, AL

#### 7:15

- Medical Management of DCI: Does Anything Work?
  - Michael Diringer, MD, Saint Louis, MO
  - (7:19) Quality Inpatient Care for Young Adult Stroke Survivors
  - Mary Morrisett, RN, BSN, Richmond, VA

#### 7:30

- Rescue Treatments for Refractory DCI: What Are the Options?
  - Louis J Kim, MD, Seattle, WA
  - (7:38) Preparing Young Stroke Survivors for the Community and Return to Work
  - Barbara Lutz, PhD, RN, CRNI, AHNA-BC, FAHA, FNAP, FAAN, Wilmington, NC

#### 7:45

- How Do I Diagnose and Manage DCI: A Case-based Debate (Panel Discussion)
  - Gayenell Magwood, PhD, RN, FAAN, Wilmington, NC
  - (7:57) Getting the Word Out: Engaging Young Adults at Risk for Stroke
  - Gayenell Magwood, PhD, RN, FAAN, Charleston, SC

#### Discussion

#### Category Acute Neuroimaging Cerebral Large Artery Disease

<table>
<thead>
<tr>
<th>Session Title</th>
<th>Abstract</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neuroimaging for Acute Stroke Revascularization (Debate)</td>
<td>Cerebral Large Artery Disease Oral Abstracts I</td>
</tr>
</tbody>
</table>

#### Session Type

- Debate

#### Room

- General Assembly B

#### Moderator(s)

- Shyam Prabhakaran, MD, MS, Chicago, IL
- Pooja Khatri, MD, MSc, FAHA, Cincinnati, OH
- Jose G Romano, MD, Miami, Fl
- Randolph Marshall, MD, New York, NY

#### 7:00

- Acute Stroke Imaging: Non-contrast CT in the ER Is More Than Enough
  - Raul G Yogev, MD, Atlanta, GA
  - (7:00) Dual Antiplatelet Therapy is More Effective for Multiple Acute Infarcts: Subgroup Analysis of Chance
  - Yi Long Wang, Capital Medical Univ, Beijing TianTan Hosp, Beijing, China
  - Yongjun Wang, Capital Medical Univ, Beijing TianTan Hosp, Beijing, China

#### 7:19

- Non-contrast Head CT and CTA Source Images: Basics Never Go Out of Style
  - Richard Aviv, MBChB, MRCP, Toronto, ON, Canada
  - (7:12) Tolerability and Medication Requirements of Aggressive Medical Management in SAMMPRIS
  - Chirantan Banerjee, Medical Univ Of South Carolina, Charleston, SC
  - Tanya N Turan, Medical Univ Of South Carolina, Charleston, SC

#### 7:38

- Perfusion with Collateral Imaging Is a Must
  - David S Liebeskind, MD, FAHA, FAAN, Los Angeles, CA
  - (7:24) Stent Placement Versus Best Medical Therapy for Symptomatic Intracranial Stenosis. A Meta-analysis of Randomized and Non-randomized Studies
  - Muhammad F Ishqat, Zeenat Qureshi Stroke Inst, St Cloud, MN
  - Adrian I Qureshi, Zeenat Qureshi Stroke Inst, St Cloud, MN

#### 7:57

- Imaging in Telemedicine and Mobile Stroke Units
  - Lucas Bliovich, MD, Memphis, TN
  - (7:48) Early Outcomes After Carotid Endarterectomy Compared to Carotid Artery Stenting for Carotid Stenosis in the National Surgical Quality Improvement Program Database
  - Mohammed K Alhaidar, Richard Amur, Rami Alqahtani, Dimitri Sigouvas, Mohanad Alqaed, Christopher R Leon Guererro, George Washington Univ, Washington, DC

#### 8:15

- Discussion

#### Short Break (8:30 am – 8:45 am)
<table>
<thead>
<tr>
<th>Category</th>
<th>Emergency Care/Systems</th>
<th>Clinical Rehabilitation and Recovery</th>
<th>Nursing</th>
<th>Oral Abstracts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session Title</td>
<td>Emergency Care/Systems Oral Abstracts</td>
<td>Clinical Rehabilitation and Recovery Oral Abstracts I</td>
<td>Nursing Oral Abstracts</td>
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<tr>
<td>Session Type</td>
<td>Abstract</td>
<td>Abstract</td>
<td>Abstract</td>
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<tr>
<td>Room</td>
<td>Grand Ballroom B</td>
<td>Room 310 A-C</td>
<td>Room 310 A-C</td>
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</tr>
<tr>
<td>Moderator(s)</td>
<td>Kevin Sheft, MD, New Haven, CT</td>
<td>Martha Power, FNP-C, Morgantown, WV</td>
<td>Dalei Olson, PhD, RN, CCRN, Dallas, TX</td>
<td></td>
</tr>
<tr>
<td>7:00</td>
<td>Long Term Outcomes of Intravenous Glyburide in Patients 70 Years of Age or Under: Subgroup Analysis From the Phase II GAMES-RP Study of Patients with Large Hemispheric Infarction</td>
<td>Satisfaction with the Stroke Caregiver Telephone Assessment and Skill-Building Kit</td>
<td>Tamilyn Bakas, Univ of Cincinnati Coll of Nursing, Cincinnati, OH</td>
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<tr>
<td>7:12</td>
<td>A Discrete Event Simulation to Assess the Impact of EMS Routing Algorithms on the Number Needed to Route and Transport Time</td>
<td>Reducing Stroke Readmissions Utilizing a Home Care Based Transitions Coaching Program</td>
<td>Ann M Leonhardt Caprio, Univ of Rochester, Rochester, NY</td>
<td></td>
</tr>
<tr>
<td>7:24</td>
<td>Prehospital Deterioration During Transport by Emergency Medical Services for Stroke Patients: A Population-Based Study</td>
<td>Helping to Educate Women About the Risk of Stroke (HER-Stroke): Initial Results from a Teaching Intervention</td>
<td>Amanda Dickson, Univ of Texas Southwestern Medical Ctr, Dallas, TX</td>
<td></td>
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<tr>
<td>8:00</td>
<td>Specific Point-of-care Testing of Coagulation in Patients Treated with Non-vitamin K Antagonist Oral Anticoagulants Part I (SPCCT-NOAC I)</td>
<td>The Georgia Stroke Curriculum (GSC): Provides Free Stroke Education to Healthcare Professionals</td>
<td>Kajsa Bryant, Northeide Hosp, Atlanta, GA</td>
<td></td>
</tr>
<tr>
<td>8:12</td>
<td>Can Telemedicine Replace an On-board Vascular Neurologist in Deciding about Tissue Plasminogen Activator Treatment? A Pre-Specified Substudy of the BEST-MSU Study</td>
<td>Virginia Stroke Coordinators Successfully Collaborate to Improve Door to Needle Times and EMS Relationships</td>
<td>Heather Turner, Univ of Virginia Health System, Charlottesville, VA</td>
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<tr>
<td>8:24</td>
<td>Discussion</td>
<td>Discussion</td>
<td>Discussion</td>
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Short Break (8:30 am – 8:45 am)
### Wednesday, February 22 (8:45 am – 10:15 am)

<table>
<thead>
<tr>
<th>Category</th>
<th>Acute Endovascular Treatment</th>
<th>Acute Neuroimaging</th>
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<tbody>
<tr>
<td>Session Type</td>
<td>Oral Abstracts I</td>
<td>Oral Abstracts I</td>
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<tr>
<td>Session Title</td>
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<tr>
<td>Room</td>
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<tr>
<td>Moderator(s)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8:45</td>
<td>The Association Between General Anesthesia and Outcome of Endovascular Thrombectomy in Pooled Data From Five Randomized Trials</td>
<td>Acute Stroke Evolution is in the Eye of the Beholder: Effects of Interrater Variability on Patient Selection and Outcomes in the Mr Witness (nct01262242)</td>
</tr>
<tr>
<td></td>
<td>Bruce C Campbell, Royal Melbourne Hosp, Melbourne, Melbourne, Australia</td>
<td>Multicenter Thrombectomy Trial</td>
</tr>
<tr>
<td></td>
<td>Peter J Mitchell, Royal Melbourne Hosp, Melbourne, Melbourne, Australia</td>
<td>Ona Wu, Massachusetts General Hosp, Boston, MA</td>
</tr>
<tr>
<td>8:57</td>
<td>Door-to-puncture and First Pass Times for Endovascular Thrombectomy: Predictors and Changes Over Time in GWTG-stroke</td>
<td>ASPECTS and Stratified Outcomes After Endovascular Therapy in the Trevo</td>
</tr>
<tr>
<td></td>
<td>Bipky K Menon, Univ of Calgary, Calgary, AB, Canada</td>
<td>Retriever Registry: Benefit in Low ASPECTS</td>
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<tr>
<td></td>
<td>Eric C Smith, Univ of Calgary, Calgary, AB, Canada</td>
<td>David S Liebeskind, Neurovascular Imaging Res Core, Los Angeles, CA</td>
</tr>
<tr>
<td>9:09</td>
<td>The Association Between Baseline Ischemic Core Volume and Benefit of Endovascular Thrombectomy in Pooled Data From Six Randomized Trials</td>
<td>Brain CT Perfusion is Superior to Non-contrast CT Aspects in the Evaluation of Hyperacute Infarct Volume</td>
</tr>
<tr>
<td></td>
<td>Bruce C Campbell, Royal Melbourne Hosp, Melbourne, Melbourne, Australia</td>
<td>Jelle Demeester, John Hunter Hosp, Newcastle, Australia</td>
</tr>
<tr>
<td></td>
<td>Peter J Mitchell, Royal Melbourne Hosp, Melbourne, Melbourne, Australia</td>
<td>Christopher Lev, John Hunter Hosp, Newcastle, Australia</td>
</tr>
<tr>
<td>9:21</td>
<td>Per Protocol Versus Intent-to-treat Analysis in a Non-inferiority, Randomized Trial of the Safety and Efficacy of the Penumbra 3D Stent Retriever as an Adjunct to Aspiration in Acute Ischemic Stroke</td>
<td>CT Perfusion Selection May Lead to Better Clinical Outcomes Following Endovascular Therapy in Large Vessel Occlusion Stroke</td>
</tr>
<tr>
<td></td>
<td>Donald Frei, Swedish Medical Ctr, Englewood, CO</td>
<td>Raul G Nogueira, Emory Univ SOM, Atlanta, GA</td>
</tr>
<tr>
<td>9:33</td>
<td>The Impact Transfer Status, Level of Stroke Center Certification, and Hospital Thrombectomy Volume on the Outcome of Acute Ischemic Stroke Patients with Emergent Large Vessel Occlusion</td>
<td>The Disappearing Core: Time to Re-think Irreversible Injury in This Era of Endovascular Therapy</td>
</tr>
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<td>Jason W Tarpley, Providence Southern California, Santa Monica, CA</td>
<td>Amy W Haia, Medstar Washington Hosp Ctr, Washington, DC</td>
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<td></td>
<td>Elizabeth Baraban, Providence Brain and Spine Inst, Portland, OR</td>
<td>Lawrence L Latour, NH, Bethesda, MD</td>
</tr>
<tr>
<td>9:45</td>
<td>A Decrease in Blood Pressure is Associated with Unfavorable Outcome in Patients Undergoing Thrombectomy Under General Anesthesia in the Mr Clean Study</td>
<td>Prognostic Value of Perfusion MRI in Patients with Transient Ischemic Attack or Minor Stroke</td>
</tr>
<tr>
<td></td>
<td>Kilian M Treurniet, Academic Medical Ctr, Amsterdam, Netherlands</td>
<td>Hyunjin Jo, Samsung Medical Ctr, Seoul, Korea, Republic of</td>
</tr>
<tr>
<td></td>
<td>Charles B Majoe, Academic Medical Ctr, Amsterdam, Netherlands</td>
<td>Gyeong-Moon Kim, Samsung Medical Ctr, Seoul, Korea, Republic of</td>
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<tr>
<td>9:57</td>
<td>MR CLEAN Registry: A Post-trial Multicenter Registry of Intra-arterial Treatment for Acute Ischemic Stroke in the Netherlands</td>
<td>Blood Biomarkers Reflect Tissue Viability in Acute Ischemic Stroke</td>
</tr>
<tr>
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<td>Ivo Jansen, Academic Medical Ctr, Amsterdam, Netherlands</td>
<td>Alejandro Bastamante, Inst de Recerca, Hosp Univir Vall d`Hebron, Barcelona, Spain</td>
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<td></td>
<td>Charles Majoe, Academic Medical Ctr, Amsterdam, Netherlands</td>
<td>Joan Montaner, Inst de Recerca, Hosp Univir Vall d`Hebron, Barcelona, Spain</td>
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<thead>
<tr>
<th>Category</th>
<th>Vascular Cognitive Impairment</th>
<th>Pediatric Stroke</th>
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<tbody>
<tr>
<td>Session Title</td>
<td>VCI Mini-Symposium: Emotional Disturbances After Stroke</td>
<td>Sickle Cell Disease and Stroke Across the Lifespan</td>
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<tr>
<td>Session Type</td>
<td>Invited Symposium</td>
<td>Invited Symposium</td>
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<tr>
<td>Room</td>
<td>Grand Ballroom A</td>
<td>General Assembly A</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td></td>
<td>Robert Adams, MD, MS, FAHA, Charleston, SC</td>
</tr>
<tr>
<td>8:45</td>
<td>Depression</td>
<td>Cerebral Oxygen Metabolism in Sickle Cell Disease in Adults</td>
</tr>
<tr>
<td></td>
<td>Maree L Hackett, MA, PhD, Sydney, Australia</td>
<td>L C Jordan, MD, PhD, Nashville, TN</td>
</tr>
<tr>
<td>9:04</td>
<td>Emotionalism</td>
<td>Age Dependence of Stroke Vulnerability in Sickle Cell Disease</td>
</tr>
<tr>
<td></td>
<td>Smi Choi-Kwon, PhD, RN, Seoul, Korea, Republic of</td>
<td>Kristin Guilliams, MD, St Louis, MD</td>
</tr>
<tr>
<td>9:23</td>
<td>Anger</td>
<td>Genetic Predictors of Stroke in Sickle Cell</td>
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<tr>
<td></td>
<td>Ricardo Jorge, MD, Houston, TX</td>
<td>Jonathan Flanagan, PhD, Houston, TX</td>
</tr>
<tr>
<td>9:42</td>
<td>SSRI Therapy in Stroke Patients: To Whom?</td>
<td>To Transfuse or Not Transfuse</td>
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<td></td>
<td>Jong S Kim, MD, PhD, Seoul, Korea, Republic of</td>
<td>Monica Hubert, St Louis, MO</td>
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</table>

**Discussion**

**Short Break (10:15 am – 10:30 am)**
<table>
<thead>
<tr>
<th>Category</th>
<th>Basic and Preclinical Neuroscience of Stroke Recovery</th>
<th>Junior Investigator Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session Title</td>
<td>Basic and Preclinical Neuroscience of Stroke Recovery Oral Abstracts I</td>
<td>Invited Symposium</td>
</tr>
<tr>
<td>Room</td>
<td>General Assembly B</td>
<td>Room 310 A-C</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Michael Bennett, PhD, New York, NY</td>
<td>Gregory Bix, MD, PhD, Lexington, KY</td>
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<td></td>
<td>Ruth Stebler, Pittsburgh, PA</td>
<td>TBD</td>
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<tr>
<td>Session Type</td>
<td>Invited Symposium</td>
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<tr>
<td>8:45</td>
<td>Neuroprotective Effects of Inhibition of α5β1 Integrin Following Experimental Stroke: A Dual Center Pre-Clinical Study 43 Danielle Edwards, Univ of Kentucky, Lexington, KY Gregory J Bix, Univ of Kentucky, Lexington, KY</td>
<td></td>
</tr>
<tr>
<td>8:57</td>
<td>Hdad3 Alleviated Ischemic Stroke Injury Through Modulating Aim2 Inflammasesome and Microglia Polarization 44 Meijuan Zhang, Nanjing Drum Tower Hosp, Nanjing, China Yun Xu, Nanjing Drum Tower Hosp, Nanjing, China</td>
<td></td>
</tr>
<tr>
<td>9:09</td>
<td>IRF5/IRF4 Regulatory Axis Mediated Microglial M1/M2 Polarization After Ischemic Stroke 45 Abdullah A Mamun, Univ of Texas Health Science Ctr at Houston, Houston, TX Liu Fudong, Univ of Texas Health Science Ctr at Houston, Houston, TX</td>
<td></td>
</tr>
<tr>
<td>9:21</td>
<td>The Influence of Age and Stroke on Gut Inflammation and Microbiota 46 Javieria Bravo-Alegria, UTHealth, Houston, TX Venugopal R Venna, UTHealth, Houston, TX</td>
<td></td>
</tr>
<tr>
<td>9:33</td>
<td>Age of Donor of Human Mesenchymal Stem Cells Drastically Affects Structural and Functional Recovery After Cell Therapy Following Ischemic Stroke 47 Susumu Yamaguchi, Nagasaki Harbor Medical Ctr City Hosp, Nagasaki, Japan Takayuki Matsuo, Nagasaki Univ, Nagasaki, Japan</td>
<td></td>
</tr>
<tr>
<td>9:45</td>
<td>Dysregulated Glucose Metabolism Pathway Specific Genes in Aged and Post-stroke Rat Brains: Implicating Hexokinase 3 in Glucose Regulation 48 Umadevi V Wesley, Univ of Wisconsin, Madison, WI Robert J Dempsey, Univ of Wisconsin, Madison, WI</td>
<td></td>
</tr>
<tr>
<td>9:57</td>
<td>Endothelial-targeted Oversuppression of Heat Shock Protein 27 Ameliorates Rapid Blood Brain Barrier Impairment and Improves Long Term Outcomes After Ischemia and Reperfusion 49 Yelie Shi, Univ of Pittsburgh, Pittsburgh, PA Jun Chen, Univ of Pittsburgh, Pittsburgh, PA</td>
<td></td>
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</table>

**Category Basic and Preclinical Neuroscience of Stroke Recovery**

**Session Title:** The Implications of SPRINT and the New Hypertension Guidelines on Clinical Practice and Future Research (an AHA/ASA and World Hypertension League Joint Session)

**Session Type:** Invited Symposium

**Room:** Grand Ballroom C

**Moderator(s):**
- Daniel T Lackland, DrPH, PhD, Charleston, SC
- Philip B Gorelick, MD, MPH, FAHA, Grand Rapids, MI

| 8:45 | The Implications of SPRINT Results and Stroke Risks
| 9:04 | The Implications of the New Hypertension Guidelines on Stroke Risks
| 9:23 | Remaining Questions for Future Research of Hypertension and Stroke Risks
| 9:42 | Implementing Hypertension Guidelines for the Reduction of Stroke Risks

**Discussion**

*For changes to the program made since the Final Program went to print, please check the online Program/Itinerary Planner located on the ISC Web site at strokeconference.org or the Mobile Meeting Guide app. To download the app, search “AHA Events” in the App Store or Google Play.*

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 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 number.
### Plenary Session

**Room**
Hall C

**Moderator(s)**
Bruce Ovbiagele, MD, MSc, MAS, FAHA, Charleston, SC  
Miguel A Perez-Pinzon, PhD, FAHA, Miami, FL

**10:30**
Welcome and Introduction of the AHA President  
Nancy Brown, Dallas, TX

**10:35**  
AHA Presidential Address  
Steven R Houser, PhD, FAHA, Philadelphia, PA

**10:45**  
ISC Program Chair Welcome  
Bruce Ovbiagele, MD, MSc, MAS, FAHA, Charleston, SC

**10:55**
Introduction of the David G Sherman Lecture  
Bruce Ovbiagele, MD, MSc, MAS, FAHA, Charleston, SC

**11:00**
David G Sherman Lecture: With a Little Help from My Friends: Seeking Consistent and Persuasive Evidence  
Elliot Clark Haley Jr, MD, FAHA, Charlottesville, VA

**11:20**  
Head Position in Stroke Trial: An International Cluster Cross-over Randomized Trial  
Craig S Anderson, George Inst Global Health, Sydney NSW, Australia

**11:32**
Aster Trial. Contact Aspiration Versus Stent Retriever Front Line for Recanalisation in Acute Cerebral Infarction  
Bertrand Lapergue, Foch Hosp Univ Versailles Saint Quentin en Yvelines, Suresnes, France  
Michel Piotin, Dept of Diagnostic and Interventional Neuroradiology, Paris, France

**11:44**
Prospective, Multi-Center Study of Flow Diversion for Small and Medium-Sized Aneurysms: Results of the Premier Trial  
Ricardo A Hanel, Baptist Neurological Inst, Jacksonville, FL  
David Kalines, Mayo Clinic, Rochester, MN

**11:56**
Closing Remarks  
Bruce Ovbiagele, MD, MSc, MAS, FAHA, Charleston, SC

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### Short Break (12 Noon – 12:10 PM)

**Science and Technology Hall (Exhibits) / Lunch Break**  
Hall D

**Fellow and Early Career / Stroke Leader Round Table Luncheon**  
Room 361 A-F  
(*Ticket required; seating is limited.*)

**Moderator:**  
Sean I Savitz, MD, FAHA, Houston, TX

**Acute Stroke**  
Karen C Johnston, MD, FAHA, Charlottesville, VA

**Neurointervention**  
Muhammad Shazam Hussain, MD, FRCP, Cleveland, OH

**Neurointervention**  
Tudor G Jovin, MD, Pittsburgh, PA

**NINDS / Director of Division of Clinical Research**  
Clinton B Wright, MD, MS, Bethesda, MD

**NINDS / Epidemiology and Trials**  
Claudia Moy, PhD, Bethesda, MD

**Nursing**  
Kenneth Reichenbach, MSN, CRNP, Allentown, PA

**Stroke Basic Science / Immunology**  
Lauren Sansing, MD, MS, New Haven, CT

**Stroke Genetics**  
Daniel Woo, MD, MS, Cincinnati, OH

**Stroke Imaging**  
David S Liebeskind, MD, FAHA, FAAN, Los Angeles, CA

**Stroke Journal**  
Karen L Furic, MD, Boston, MA

**Stroke and Neurocritical Care**  
Alexander Flint, MD, PhD, Redwood City, CA

**Stroke Quality Improvement**  

**Stroke Prevention**  
Marc I Chimowitz, MD, FAHA, Charleston, SC

**Stroke Prevention**  
Hooman Kamel, MD, New York, NY

**Stroke Prevention**  
Shyam Prabhakaran, MD, Chicago, IL
Advance Practice Providers’ Luncheon
Room 320 A-C
(Ticket required; seating is limited.)

Introduction: Expanding APP Roles & Opportunities
Anne Alexandrov, PhD, RN, CCRN, NVRN-BC, ANVP-BC, AGACNP-BC, FAAN

From PSC to CSC: Becoming a Comprehensive Stroke Center
Joanna Yang, DNP, ACNP-BC, FNP-BC, ANVP-BC

Preparing for CSC Re-Certification
Michelle Whaley, MSN, CNS

Measuring APP Role Impact
Natalie Hall, MSN, RN, NP-C

APPs in Neurocritical Care
Sarah Livesay, DNP, RN

APP Scholarship: The APP as Researcher, Presenter and Author
Anne Alexandrov, PhD, RN, CCRN, NVRN-BC, ANVP-BC, AGACNP-BC, FAAN

Establishing and Maintaining an APP Outpatient Stroke Clinic
Christina Condon, MSN, NP-C

Establishing and Maintaining an APP Outpatient Stroke Clinic
Sarah Lycan, NP

Fellowship Training in Stroke: Is it Necessary?
Michelle Starr, PA-C, ANVP-BC

Advanced Neurovascular Certification: Is it Necessary?
Dana Reiner Beenstock, MSN, RN, ANVP-BC, NVRN-BC

Administrative Support for APP Resources: Demonstrating Return on Investment
Debbie Hill, FAHA

Time & Position Management: Learning to Say “NO” While Maintaining Role Value
Kate Al-Hafian, NP

APPs as Stroke Coordinators – Balancing Patient Care and Program Development
Fern Cudlip, MSN, RN, ANVP-BC, NVRN-BC

APPs in Interventional Neuroradiology
Abbigayle Doerr APN, FNP-BC, ANVP, SCRn

Establishing International Neurovascular APP Role Consensus
Wendy Dusenbury, DNP, APRN, FNP-BC, CNRN, ANVP-BC

Working Together with Fellow and Resident Physicians in the Hospital Setting
Kate E Klein, MS, ACNP-BC, RN, CCRN
Melissa Ellis, DNP, MSN, ACNP-BC, RN, CCRN
**Wednesday, February 22 (1:30 pm – 3:00 pm)**

<table>
<thead>
<tr>
<th>Category</th>
<th>Vascular Cognitive Impairment</th>
<th>Acute Endovascular Treatment</th>
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<tbody>
<tr>
<td>Session Title</td>
<td>VCI Mini-Symposium: Post-stroke Cognitive Impairment: New Clinical and Experimental Therapeutic Insight</td>
<td>What Explains Poor Outcomes in Acute Stroke Despite Good Reperfusion?</td>
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<td>Session Type</td>
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<td>Room</td>
<td>Grand Ballroom C</td>
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<tr>
<td>Moderator(s)</td>
<td>Shawn Whitehead, PhD, London, ON, Canada</td>
<td>Michael D Hill, MD, MSc, FRCP, Calgary, AB, Canada</td>
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<td>Philip M Bath, DSc, FMedSci, FRCP, Nottingham, United Kingdom</td>
<td>Thanh Nguyen, MD, FRCP, Boston, MA</td>
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<tr>
<td>1:30</td>
<td>Progression of Cognitive Impairment after Stroke: New Insight from REGARDS</td>
<td>Patient Selection: Premorbid Function and Brain Reserve</td>
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<td>Deborah Levine, MD, MPH, Ann Arbor, MI</td>
<td>Alejandro Rabinstein, MD, Rochester, MN</td>
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<td>1:49</td>
<td>Stroke Risk Factors and Cognitive Impairment: Bench to Bedside</td>
<td>Patient Selection: Collateral Status</td>
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<td>Costantino Iadecola, MD, FAHA, New York, NY</td>
<td>Gregory W Albers, MD, Palo Alto, CA</td>
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<td>2:08</td>
<td>Blood Brain Barrier Dysfunction and Cognitive Impairment</td>
<td>Conscious Sedation vs General Anesthesia</td>
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<td>Gary A Rosenberg, MD, Albuquerque, NM</td>
<td>Waheed Biririjiki, MD, BS, Rochester, MN</td>
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<td>Susan C Fagan, PharmD, FAHA, Augusta, GA</td>
<td>Sebastian Koch, MD, Miami, FL</td>
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<td>2:45</td>
<td>Discussion</td>
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<tr>
<th>Category</th>
<th>Community/Risk Factors</th>
<th>Experimental Mechanisms and Models</th>
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<tr>
<td>Session Title</td>
<td>Community/Risk Factors Oral Abstracts I</td>
<td>Experimental Mechanisms and Models Oral Abstracts I</td>
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<tr>
<td>Session Type</td>
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<tr>
<td>Room</td>
<td>General Assembly B</td>
<td>Room 310 A-C</td>
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<tr>
<td>Moderator(s)</td>
<td>Jennifer Majersik, MD, Salt Lake City, UT</td>
<td>Jialing Liu, PhD, San Francisco, CA</td>
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<td>Ilana M Ruff, MD, Boston, MA</td>
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<tr>
<td>1:30</td>
<td>Persistent Racial/Ethnic Disparities Despite Declining Rates of Ischemic Stroke Hospitalizations Among Medicare Beneficiaries, 2001-2013</td>
<td>Brain-heart Interaction: Age Agravates Cardiac Damage After Cerebral Ischemic Stroke</td>
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<td>Judith H Lichtman, Yale Sch of Public Health, New Haven, CT</td>
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<td>Ralph L Sacco, Univ of Miami, Miami, FL</td>
<td>Kathleen Salmeron, University of Kentucky, Lexington, KY</td>
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<td>Gregory Bix, Univ of Kentucky, Lexington, KY</td>
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<td>1:42</td>
<td>Differences in Stroke Management No Not Account for the Greater Long-term Mortality After Stroke in Women Compared to Men: Australian Stroke Clinical Registry (AuSCR)</td>
<td>Calcium/Calmodulin-dependent Protein Kinase Kinase (CaMKK) Promotes Post-stroke Brain Plasticity and Recovery in Aged Mice</td>
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<td>Hoang T Phan, Menzies Inst for Medical Res, Tasmania, Hobart, Tasmania, Australia</td>
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<td></td>
<td>Seana Gall, Menzies Inst for Medical Res, Tasmania, Hobart, Tasmania, Australia</td>
<td>Han-Gil Jeong, Seoul Natl Univ Bundang Hosp, Seoul, Korea, Republic of</td>
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<td>Hee-Joon Bae, Seoul Natl Univ Bundang Hosp, Seoul, Korea, Republic of</td>
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<tr>
<td>1:54</td>
<td>Contributors to the Rural Excess in Stroke Mortality: The REasons for Geographic and Racial Differences in Stroke (REGARDS) Study</td>
<td>Post-stroke Delivery of MicroRNA-363 to Middle-aged Female Rats is Internalized by Neurons and Suppresses the Cell Death Effector Pathway</td>
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<td>George Howard, Univ Alabama Birmingham, Birmingham, AL</td>
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<td>Virginia J Howard, Univ Alabama Birmingham, Birmingham, AL</td>
<td>Danielle Edwards, University of Kentucky, Lexington, KY</td>
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<td>Greg J Bix, Univ of Kentucky, Lexington, KY</td>
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<td>2:06</td>
<td>Changes in Physical Activity and Risk of Stroke in the California Teachers Study</td>
<td>Inter-alpha Inhibitor Proteins Reduce the Quantity of Microglia in the Hippocampus After Hypoxic-ischemic Brain Injury in the Neonate</td>
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<td>Joshua Z Willey, Columbia Univ, New York, NY</td>
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<td>Barbara S Stonestreet, The Warren Alpert Medical Sch of Brown Univ, Providence, RI</td>
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<td>2:18</td>
<td>APOE Genotype Modifies the Effect of Blood Pressure on Long-term Clinical Deterioration Following Intracerebral Hemorrhage</td>
<td>A Novel Catalytic Antioxidant Carbon Nanoparticle Improves Outcome in Hyperglycemic Stroke in Rats at Clinically Relevant Recanalization Times</td>
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<td>Thomas A Kent, Baylor Coll of Med, Houston, TX</td>
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<tr>
<td></td>
<td>Sanguinate™ Opens Collaterals, Improves Reperfusion and Decreases Infarct in Hypertensive Rats</td>
<td>Pitchaiah Mandava, Baylor Coll of Med, Houston, TX</td>
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<tr>
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<td>Kenneth Ganes, Vanderbilt Univ Medical Ctr, Nashville, TN</td>
<td>Gregory Bix, Univ of Kentucky, Lexington, KY</td>
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<td>2:30</td>
<td>An Integrated Stroke Practice Unit Model Can Impact Blood Pressure Management Post-Stroke</td>
<td>White Matter Damage and Glymphatic Dysfunction in a Vascular Dementia Model in Mice</td>
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<td>Martin Cipolla, Univ of Vermont, Burlington, VT</td>
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<td>Sku-Lung Chan, Univ of Vermont, Burlington, VT</td>
<td>Waleed Brinjikji, MD, BS, Rochester, MN</td>
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<tr>
<td>2:42</td>
<td>An Exome Array Analysis of Ischemic Stroke in the Genetics of Early Onset Stroke Study</td>
<td>Post-stroke Brain Plasticity and Recovery in Aged Mice</td>
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<td>John W Cole, Maryland Stroke Ctr, Baltimore, MD</td>
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<td>Huichin Xu, Maryland Stroke Ctr, Baltimore, MD</td>
<td>Thanh Nguyen, MD, FRCPC, Boston, MA</td>
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<td>2:54</td>
<td>Discussion</td>
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Science and Technology Hall (Exhibits)/Break, Hall D (3:00 pm – 3:30 pm)

Case Study: The Complex Acute Ischemic Stroke Case: Options for Evaluation and Intervention

Kevin Cockroft, MD, MSc, FACS, Hershey, PA

Science and Technology Hall, Booth 541, Expert Theater
Wednesday, February 22 (1:30 pm – 3:00 pm)

<table>
<thead>
<tr>
<th>Category</th>
<th>Clinical Rehabilitation and Recovery</th>
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<tbody>
<tr>
<td>Session Title</td>
<td>New Models of Stroke Rehabilitation: Lessons from Recent Global Research</td>
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<tr>
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<tr>
<td>Room</td>
<td>General Assembly A</td>
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<tr>
<td>Moderator(s)</td>
<td>Richard Lindley, MD, FRACP, Sydney, Australia, Peter Langhorne, PhD, Glasgow, United Kingdom</td>
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<tr>
<td>1:30</td>
<td>Opening Remarks Peter Langhorne, PhD, Glasgow, United Kingdom</td>
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<tr>
<td>1:40</td>
<td>Nurse-led Family Provided Rehabilitation in Rural China: the RECOVER Trial Janet Prvu Bettger, ScD, FANA, Durham, NC, Aneesh B Singhal, Massachusetts General Hosp, Boston, MA, David Tirschwell, UW Med Stroke Ctr, Seattle, WA</td>
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<tr>
<td>1:55</td>
<td>Family-led Rehabilitation after Stroke in India: The ATTEND Trial Aneesh B Singhal, Massachusetts General Hosp, Boston, MA, Aneesh B Singhal, Massachusetts General Hosp, Boston, MA</td>
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<tr>
<td>2:10</td>
<td>Implementation of Interdisciplinary Community-based Rehabilitation in the USA Hee-Joon Bae, Seoul Natl Univ Bundang Hosp, Seoul, Korea, Republic of Korea, Barbara A Schumacher Finnegan, Kaiser Permanente, Redwood City, CA, Mai N Nguyen-Huyh, Kaiser Permanente, Redwood City, CA</td>
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<td>2:25</td>
<td>Early Supported Discharge Services: Lessons from Implementation in the United Kingdom Rebecca Fisher, PhD, Nottingham, United Kingdom</td>
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<td>2:40</td>
<td>Discussion</td>
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For changes to the program made since the Final Program went to print, please check the online Program/Itinerary Planner located on the ISC Web site at strokeconference.org or the Mobile Meeting Guide app. To download the app, search "AHA Events" in the App Store or Google Play.

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 located 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.

### In-hospital Treatment

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<td>Abstract</td>
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<tr>
<td>Room</td>
<td>General Assembly C</td>
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<tr>
<td>Moderator(s)</td>
<td>Gary A Ford, MB, ChB, MA, MRCPI, FESC, Oxford, United Kingdom, Arjani Sharifi, MD, Houston, TX</td>
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<tr>
<td>1:30</td>
<td>Procedural and Long Term Safety of PFO Closure in Cryptogenic Stroke: Insights from the RESPECT Trial John Carroll, Univ of Colorado, Denver, CO, David Tirschwell, Univ of Washington Medical Ctr, Seattle, WA, David E Thaler, Tufts Medical Ctr, Boston, MA, David M Kent, Tufts Medical Ctr/Tufts Univ Sch of Med, Boston, MA</td>
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<tr>
<td>1:42</td>
<td>Procedural and Long Term Safety of PFO Closure in Cryptogenic Stroke: Insights from the RESPECT Trial John Carroll, Univ of Colorado, Denver, CO, David Tirschwell, Univ of Washington Medical Ctr, Seattle, WA, David E Thaler, Tufts Medical Ctr, Boston, MA, David M Kent, Tufts Medical Ctr/Tufts Univ Sch of Med, Boston, MA</td>
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<tr>
<td>1:54</td>
<td>Risk of Paradoxical Embolism (RePE) Score Stratification of Pooled Pfo Closure Clinical Trial Data: Lack of Evidence for Improvement in Patient Selection for Closure David E Thaler, Tufts Medical Ctr/Tufts Univ Sch of Med, Boston, MA, David M Kent, Tufts Medical Ctr/Tufts Univ Sch of Med, Boston, MA, Jennifer L Dearborn, Yale Univ Sch of Med, New Haven, CT, Walter N Kernan, Yale Univ Sch of Med, New Haven, CT</td>
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<tr>
<td>2:18</td>
<td>Bleeding and Ischemic Stroke Risk in Patients with Atrial Fibrillation Standard or Low Dose Dabigatran and Concomitant P-gp Inhibitors Mary Vaughan Sarrazin, Univ of Iowa, Iowa City, IA, Elizabeth Chricheilles, Univ of Iowa, Iowa City, IA, David A Wilcox, Univ of Iowa, Iowa City, IA, William A Donahoo, Univ of Iowa, Iowa City, IA, Bernhard Mulert, Univ of Iowa, Iowa City, IA</td>
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<tr>
<td>2:30</td>
<td>Long-term Regular Remote Ischemic Conditioning Promotes Arterial Collateral Opening and Reconstruction in Patients with Intracranial Atherosclerotic Stenosis Ran Meng, Xuanwu Hosp, Beijing, China, Xunmeng J, Xuanwu Hosp, Capital Medical Univ, Beijing, China, Ran Meng, Xuanwu Hosp, Beijing, China, Xunmeng J, Xuanwu Hosp, Capital Medical Univ, Beijing, China</td>
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<tr>
<td>2:42</td>
<td>Intensity of Blood Pressure Reduction and Secondary Stroke Prevention: A Systematic Review and Meta-regression Analysis of Randomized Clinical Trials Georgios Tsivgoulis, Attikon Univ Hosp, Univ of Athens, Athens, Greece, Andrei V Alexandrov, Univ of Tennessee Health Science Ctr, Memphis, TN, David Thaler, Tufts Medical Ctr, Boston, MA, David M Kent, Tufts Medical Ctr/Tufts Univ Sch of Med, Boston, MA, Jennifer L Dearborn, Yale Univ Sch of Med, New Haven, CT</td>
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### Preventive Strategies

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<tr>
<td>Room</td>
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<tr>
<td>Moderator(s)</td>
<td>Aneesh B Singhal, Massachusetts General Hosp, Boston, MA, David Tirschwell, Univ of Washington Medical Ctr, Seattle, WA, David E Thaler, Tufts Medical Ctr, Boston, MA, David M Kent, Tufts Medical Ctr/Tufts Univ Sch of Med, Boston, MA</td>
</tr>
<tr>
<td>1:30</td>
<td>PFO Closure Reduces Long Term Recurrence of Ischemic Stroke: Final Primary and Secondary Population Results from the RESPECT Multicenter Trial David Thaler, Tufts Medical Ctr, Boston, MA, David Tirschwell, UW Med Stroke Ctr, Seattle, WA, David E Thaler, Tufts Medical Ctr, Boston, MA, David M Kent, Tufts Medical Ctr/Tufts Univ Sch of Med, Boston, MA</td>
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**Science and Technology Hall (Exhibits)/Break, Hall D (3:00 pm – 3:30 pm)**

**Case Study: The Complex Acute Ischemic Stroke Case: Options for Evaluation and Intervention**

Kevin Cockroft, MD, MSc, FACS, Hershey, PA

Science and Technology Hall, Booth 541, Expert Theater
### Wednesday, February 22 (3:30 pm – 5:00 pm)

**Category** | **Preventive Strategies** | **Community/Risk Factors** |
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**Session Type** | Invited Symposium | Invited Symposium |
**Room** | Grand Ballroom C | Grand Ballroom A |
**Moderator(s)** | Lewis B Morgenstern, MD, FAHA, Ann Arbor, MI | Sudha Seshadri, MD, Boston, MA |
| | Francisco R Klein, MD, Capital, Argentina | Jonathan Rosand, MD, Boston, MA |
**3:30** | Burden of Stroke and Vascular Risk Factors in Latin America | Inhibiting HDAC to Prevent Atherosclerosis |
| | Pablo Lavados, MPH, MPH, Santiago, Chile | Martin Dichgans, MD, Munich, Germany |
**3:49** | Regional Gaps in Stroke Care in Latin America | FOXF2: Outfoxing Cerebral Small Vessel Disease |
| | Fernando Gongora-Rivera, MSc, MD, Monterrey, Mexico | Myriam Fornage, MD, Houston, TX |
**4:08** | The Declaration of Santiago: A Map to Improve Stroke Care in Latin America | Genetic Dissection of Hereditary Cerebral Small Vessel Disease |
| | Salvador Cruz-Flores, MPH, FAHA, El Paso, TX | Douglas Gould, PhD, San Francisco, CA |
**4:27** | Implementing the Declaration of Santiago: A PAHO/WSO Perspective | Can Genetic Testing for Stroke Survivors Reduce Their Risk of Stroke Recurrence? |
| | Pedro Ordunez, PhD, MD, Washington, DC | Alessandro Biffi, MD, Boston, MA |
**4:45** | Discussion | Discussion |

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**Category** | **Diagnosis of Stroke Etiology** | **Health Services, Quality Improvement, and Patient-centered Outcomes** |
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**Session Title** | Diagnosis of Stroke Etiology Oral Abstracts I | Health Services, Quality Improvement, and Patient-centered Outcomes Oral Abstracts I |
**Session Type** | Abstract | Abstract |
**Room** | Grand Ballroom B | General Assembly C |
**Moderator(s)** | Teruyuki Hirano, MD, Mitaka, Japan | Eric E Smith, MD, Calgary, AB, Canada |
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| | Rod S Passman, Northwestern Univ Feinberg Sch of Med, Chicago, IL | Noreen Kamal, Univ of Calgary, Calgary, AB, Canada |
| | Paul D Ziegler, Medtronic, Mounds View, MN | Lee Schwamm, Massachusetts General Hosp, Boston, MA |
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| | Yael Perez, Trillium Health Partners, Mississauga, ON, Canada | Lee Schwamm, Massachusetts General Hosp, Boston, MA |
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| | Melanie Winningham, Emory Univ, Atlanta, GA | Grethe Andersen, Aarhus Univ Hosp, Aarhus, Denmark |
| | Fadi Nahab, Emory Univ, Atlanta, GA |  |
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| | Rolf Wachter, Klaus Gröschel, Univ of Goettingen, Göttingen, Germany | Jeffrey G Klingman, Kaiser Permanente, Walnut Creek, CA |
| | Mark Weber-Krüger, Univ of Goettingen, Göttingen, Germany | Mai N Nguyen-Huyhn, Kaiser Permanente, Oakland, CA |
**4:18** | Diastolic Dysfunction Revealed by Transesophageal Echocardiography Predicts New Atrial Fibrillation During Hospitalization for Acute Ischemic Stroke 82 | Differences in Acute Stroke Care in Primary and Comprehensive Stroke Centers in Florida: An Analysis of the Florida-Puerto Rico Collaboration to Reduce Stroke Disparities (FL-PR CReSD) Study - the NINDS Stroke Prevention Intervention Research Program 89 |
| | Yohei Tateishi, Nagasaki Univ Hosp, Nagasaki, Japan | Erika T Marulanda-Londoño, Univ of Miami, Miami, FL |
| | Akira Tsujino, Nagasaki Univ Hosp, Nagasaki, Japan | Jose G Romano, Univ of Miami, Miami, FL |
**4:30** | Etiology of Late Right-to-left Shunting on Transcranial Doppler in Ischemic Stroke Patients 83 | Cost-Benefit Comparison of Inpatient Versus Clinical Decision Unit Management of TIA 80 |
| | Adam de Havenon, Univ of Utah, Salt Lake City, UT | Deepak Nair, INI Comprehensive Stroke Ctr, Peoria, IL |
| | David Trachsel, Univ of Washington, Seattle, WA | David Wang, INI Comprehensive Stroke Ctr, Peoria, IL |
**4:42** | Ischemic and Hemorrhagic Stroke in Infective Endocarditis: Features, Predictors and Trends Over Three Decades 84 | An Objective Screening Tool Predicts Surgical Feeding Tube Placement in Acute Ischemic Stroke Patients 91 |
| | Aneesh B Singhal, Massachusetts General Hosp, Boston, MA | Kristin Brown, Univ of Texas Health Science Ctr at Houston, Houston, TX |
| | | Arjail Sharrief, Univ of Texas Health Science Ctr at Houston, Houston, TX |
**4:54** | Discussion | Discussion |

---

Short Break (5:00 pm – 5:15 pm)
### Wednesday, February 22 (3:30 pm – 5:00 pm)

#### Category: Vascular Malformations

**Session Title:** Multimodality Treatment for Arteriovenous Malformations

**Session Type:** Invited Symposium

**Room:** General Assembly B

**Moderator(s):**
- Mika Niemela, MD, PhD, Helsinki, Finland
- Elad I Levy, MD, MBA, FACS, FAHA, Buffalo, NY
- MingMing Ning, MD, Boston, MA
- Yejie Shi, MD, PhD, Pittsburgh, PA

**3:30** Multimodality Treatment for Arteriovenous Malformations: Surgical Perspective  
Michael Lawton, MD, San Francisco, CA

**3:49** Multimodality Treatment for Arteriovenous Malformations: Endovascular Perspective  
Sean Lavine, MD, FAANS, New York, NY

**4:08** Multimodality Treatment for Arteriovenous Malformations: Radiosurgery Perspective  
Steven D Chang, MD, Palo Alto, CA

**4:27** Multimodality Treatment for Arteriovenous Malformations: Combined Approach  
M Christopher Wallace, MD, MSc, FRSCSC, Kingston, ON, Canada

**4:45** Discussion

**Additional Information:**
- For changes to the program made since the Final Program went to print, please check the online Program/Itinerary Planner located on the ISC Web site at strokeconference.org or the Mobile Meeting Guide app. To download the app, search “AHA Events” in the App Store or Google Play.
- 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 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 number.

#### Category: Vascular Cognitive Impairment

**Session Title:** VCI Mini-Symposium: Vascular Cognitive Impairment Oral Abstracts

**Session Type:** Abstract

**Room:** Room 310 A-C

**Moderator(s):** TBD

**3:30** Detection of Radiologic and Laboratory Features of Cerebral Amyloid Angiopathy in Patients with Alzheimer’s Disease  
Panagiotis Fotiadis, Massachusetts General Hosp, Boston, MA  
M Edip Gurol, Massachusetts General Hosp, Boston, MA

**3:42** Newly-diagnosed Depression Precedes Cognitive Impairment Following Intracerebral Hemorrhage  
Alessandro Biffi, Massachusetts General Hosp, Boston, MA  
Jonathan Rosand, Massachusetts General Hosp, Boston, MA

**3:54** Prevalence and Distinct Imaging Correlates of Deep Versus Lobar Cerebral Microbleeds: The Atherosclerosis Risk in Communities Study  
Jonathan Graf-Hadford, Mayo Clinic, Rochester, MN  
David S Knopman, Mayo Clinic, Rochester, MN

**4:06** Nutrition and Cognitive Decline Over 21-years: Results from the Atherosclerosis Risk in Communities Study (ARIC)  
Jennifer L Dearborn, Yale Univ Sch of Med, New Haven, CT  
Rebecca F Gottesman, Johns Hopkins Sch of Med, New Haven, MD

**4:18** Effects of Exercise on Post-stroke Cognitive Function  
Lauren E Oberlin, Univ of Pittsburgh, Pittsburgh, PA  
Kirk I Erickson, Univ of Pittsburgh, Pittsburgh, PA

**4:30** Increased Plasma Level of ApoCIII-rich Electronegative HDL May Contribute to Cognitive Impairment in Alzheimer’s Disease  
Hua-Chen Chan, Kaohsiung Medical Univ Hosp, Kaohsiung, Taiwan  
Chu-Huang Chen, Texas Heart Inst, Houston, TX

**4:42** Midlife Vascular Risk Factors and Incident Dementia in the ARIC Cohort  
Rebecca F Gottesman, Johns Hopkins Univ, Baltimore, MD  
David S Knopman, Mayo Clinic, Rochester, MN

**4:54** Discussion

---

**Short Break (5:00 pm – 5:15 pm)**
5:15 pm – 6:45 pm
Poster Sessions
Poster Hall, Hall E

5:15 pm – 6:15 pm
Professor-Led Poster Tours by Category:
Brief Presentation and Moderated Q&A with Poster Presenters
Moderated Posters WMP1 – WMP120; see pg 50 in the Poster Abstract index for a complete listing of all the posters in the Wednesday Professor-Led Poster Tour session.

6:15 pm – 6:45 pm
Regular Poster Session:
One-on-One Time for an Individual Q&A with Poster Presenters
These posters are not included in the 5:15 Professor-Led Poster Tour Session above.
Posters WP1 – WP451; see pg 57 in the Poster Abstract index for a complete listing of all the posters in this Wednesday session.
Late-Breaking Science Posters LBP1 – LBP37; see pg 79 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.

6:45 pm – 7:30 pm
Stroke Council Annual Business Meeting
Poster Hall, Hall E
All Stroke Council Members are welcome and encouraged to attend.

The Stroke Council will hold its Annual Business Meeting on Wednesday, February 22 from 6:45 pm – 7:30 pm in the George R Brown Convention Center, Poster Hall, Hall E. Remain in the Poster Hall after the poster sessions to enjoy refreshments, hear the latest council news, network with your peers and participate in informative discussions.
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http://stroke-submit.aha-journals.org

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*Stroke* is top-ranked for total cites, Impact Factor, 5-Year Impact Factor, Article Influence Score, and Eigenfactor Score among journals in the Clinical Neurology and Peripheral Vascular Disease subject categories.¹

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¹From July 1, 2015, to June 30, 2016. Source: American Heart Association.

²Based on 2015 metrics calculated by HighWire Press and Wolters Kluwer.

³2015 Journal Citation Reports® (Thomson Reuters, 2016).

⁴Reflects the highest Altmetric score for a specific point in time, Jan-Jun 2016. Altmetric scores constantly change as articles are mentioned and shared online. Source: Altmetric Explorer.
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### Thursday, February 23 (7:00 am – 8:30 am)

#### Intracerebral Hemorrhage

<table>
<thead>
<tr>
<th>Session Title</th>
<th>Debates in ICH</th>
<th>Session Type</th>
<th>Debate</th>
<th>Room</th>
<th>Grand Ballroom C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moderator(s)</td>
<td>Magdy Selim, MD, PhD, FAHA, Boston, MA</td>
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<tr>
<td></td>
<td>Kyra J Becker, MD, FAHA, Seattle, WA</td>
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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>7:00</td>
<td>Debates</td>
<td>Yvo Roos, MD, PhD, Amsterdam, Netherlands</td>
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<tr>
<td>7:10</td>
<td>Debates</td>
<td>Matthew Maas, MD, Chicago, IL</td>
</tr>
<tr>
<td></td>
<td>Rebuttal</td>
<td>Yvo Roos, MD, PhD, Amsterdam, Netherlands</td>
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<tr>
<td>7:22</td>
<td>Rebuttal</td>
<td>Matthew Maas, MD, Chicago, IL</td>
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<th>Speaker(s)</th>
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<tr>
<td>7:24</td>
<td>Discussion</td>
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</tr>
<tr>
<td></td>
<td>Debates</td>
<td>Craig Anderson, MD, PhD, Sydney NSW, Australia</td>
</tr>
<tr>
<td>7:29</td>
<td>Debates</td>
<td>Adnan I Qureshi, MD, Minneapolis, MN</td>
</tr>
<tr>
<td></td>
<td>Rebuttal</td>
<td>Craig Anderson, MD, PhD, Sydney NSW, Australia</td>
</tr>
<tr>
<td>7:51</td>
<td>Rebuttal</td>
<td>Adnan I Qureshi, MD, Minneapolis, MN</td>
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<th>Speaker(s)</th>
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<tr>
<td>7:53</td>
<td>Discussion</td>
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<tr>
<td></td>
<td>Debates</td>
<td>Wendy Ziai, MD, FRCPC, Baltimore, MD</td>
</tr>
<tr>
<td>8:08</td>
<td>Debates</td>
<td>Andreas Kramer, MD, MSc, FRCPC, Calgary, AB, Canada</td>
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<tr>
<td></td>
<td>Rebuttal</td>
<td>Wendy Ziai, MD, FRCPC, Baltimore, MD</td>
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<tr>
<td>8:20</td>
<td>Rebuttal</td>
<td>Andreas Kramer, MD, MSc, FRCPC, Calgary, AB Canada</td>
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<tr>
<td>8:22</td>
<td>Discussion</td>
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**Short Break (8:30 am – 8:45 am)**
# Thursday, February 23 (7:00 am – 8:30 am)

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<thead>
<tr>
<th>Category</th>
<th>Acute Endovascular Treatment</th>
<th>Experimental Mechanisms and Models</th>
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<tbody>
<tr>
<td>Session Title</td>
<td>Increasing Access to Mechanical Thrombectomy for Acute Stroke</td>
<td>Molecular Neuroimaging for Translational Stroke Research</td>
</tr>
<tr>
<td>Session Type</td>
<td>Invited Symposium</td>
<td>Invited Symposium</td>
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<tr>
<td>Room</td>
<td>Grand Ballroom A</td>
<td>General Assembly A</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Dileep R Yavagal, MD, Miami, FL Phillip Scott, MD, FAHA, Ann Arbor, MI</td>
<td>Martin Dichgans, MD, Munich, Germany Eric E Smith, MD, MPH, Calgary, AB, Canada</td>
</tr>
<tr>
<td>7:00</td>
<td>Introduction</td>
<td>(7:00) Molecular MR Imaging of Neuroinflammation Denis Viven, MD, Caen, France</td>
</tr>
<tr>
<td>7:10</td>
<td>Demand and Supply for Mechanical Thrombectomy for Acute Stroke</td>
<td>(7:19) Molecular Neuroimaging in Clinical Research and Practice M Edip Gurur, MD, MSc, Boston, MA</td>
</tr>
<tr>
<td>7:25</td>
<td>Strategies for Increasing Access to Mechanical Thrombectomy in the US and Worldwide</td>
<td>(7:38) Molecular MRI Methods Louise van der Weerd, PhD, Leiden, Netherlands</td>
</tr>
<tr>
<td>7:40</td>
<td>Pre-Hospital Triage for Rapid and Maximum Access to Mechanical Thrombectomy</td>
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<tr>
<td>7:55</td>
<td>Can Telestroke Increase Access to Mechanical Thrombectomy? Telestroke and A Phase I Current Escalation Study for Transcranial Direct Current Stimulation</td>
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<tr>
<td>8:10</td>
<td>Discussion</td>
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<tr>
<th>Category</th>
<th>Clinical Rehabilitation and Recovery</th>
<th>Diagnosis of Stroke Etiology</th>
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<tbody>
<tr>
<td>Session Title</td>
<td>Clinical Rehabilitation and Recovery Oral Abstracts II</td>
<td>Diagnosis of Stroke Etiology Oral Abstracts II</td>
</tr>
<tr>
<td>Session Type</td>
<td>Abstract</td>
<td>Abstract</td>
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<tr>
<td>Room</td>
<td>General Assembly B</td>
<td>General Assembly C</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Richard Harvey, MD, Chicago, IL Janet Pruvi Bettger, ScD, FAHA, Durham, NC</td>
<td>David Lieskenskind, MD, FAHA, FAAN, Los Angeles, CA William Meurer, MD, Ann Arbor, MI</td>
</tr>
<tr>
<td>7:00</td>
<td>Prep2: A Refined Algorithm for Predicting REcovery Potential of Upper Limb Function After Stroke 99</td>
<td>High Red Blood Cell Components of Retrieved Clot Related with Recanalization During Intraarterial Thrombectomy 106 Jong Wook Shin , Chungnam Natl Univ Hosp, Dae-jeon, Korea, Republic of Jie Kim, Chungnam Natl Univ Hosp, Dae-jeon, Korea, Republic of</td>
</tr>
<tr>
<td>7:12</td>
<td>A Simple Bedside Grading Scale Can Effectively Predict Severe Post-stroke Upper-extremity Spasticity 100</td>
<td>Laser Angioscopy Reveals Concealed Ulcers in Substenotic Carotid Plaques in Cryptogenic Stroke Patients: A Preclinical Study 107 Luis E Savastano, Univ of Michigan, Ann Arbor, MI Byron Gregory Thompson, Univ of Michigan, Ann Arbor, MI</td>
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<tr>
<td>7:24</td>
<td>Predicting Motor Recovery at One Week After Ischemic Stroke: a Combined Transcranial Magnetic Stimulation and MRI Study 101</td>
<td>Additional Value of Intracranial Vessel Wall Imaging to Determine the Etiology of Ischemic Stroke 108 Joanna D Schaafema, Toronto Western Hosp, Toronto, ON, Canada Daniel M Mandell, Toronto Western Hosp, Toronto, ON, Canada</td>
</tr>
<tr>
<td>7:48</td>
<td>A Phase I Current Escalation Study for Transcranial Direct Current Stimulation in Ischemic Stroke Patients 103</td>
<td>Caveolin-1 and Arterial Remodeling in Adult Moyamoya Disease 110 Jong-Won Chung, Samsung Medical Ctr, Seoul, Korea, Republic of Oh Young Bang, Samsung Medical Ctr, Seoul, Korea, Republic of</td>
</tr>
<tr>
<td>8:00</td>
<td>Navigated Brain Stimulation for Upper Limb Recovery After Stroke: A Randomized Sham Controlled Clinical Trial of Low Frequency rTMS to Non-injured Hemisphere Combined With Upper Limb Rehabilitation 104</td>
<td>Plasma Levels of Oxidative Stress Marker ADMA (Asymmetric Dimethylarginine) is Reduced by Successful PFO Closure 111 Wenjun Deng, Massachusetts General Hosp, Boston, MA MingMing Ning, Massachusetts General Hosp, Boston, MA</td>
</tr>
<tr>
<td>8:12</td>
<td>Early But Not Too Early, High Intensity Physical Exercise Rehabilitation May Be Beneficial: A Pilot Clinical Study 112</td>
<td>Recrudescence of Neurological Deficits After Stroke: Clinical-imaging Phenotype, Triggers and Risk Factors 112 Aneesh B Singhal, Massachusetts General Hosp, Boston, MA Mehmet A Topcuoglu, Hacetteppe Univ, Ankara, Turkey</td>
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Short Break (8:30 am – 8:45 am)
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<tr>
<th>Session Time</th>
<th>Session Title</th>
<th>Abstract</th>
<th>Abstract</th>
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<tbody>
<tr>
<td>7:00</td>
<td>Streamlined Workflows for Triage and Transfer Reduce Door-to-Puncture Time in Mechanical Thrombectomy</td>
<td>Akash P Kansagra, Washington Univ, St Louis, MO</td>
<td>Radiocarbon Birth Dating of Cerebral Arteriovenous Malformations</td>
</tr>
<tr>
<td></td>
<td>24/7 Stroke Nurse Team Coverage Reduced Door-to-needle Time and Improved Tissue Plasminogen Activator Utilization Rates in a Stroke Level 1 Community Hospital</td>
<td>Zohaib Haque, PsychCare Consultants, St Louis, MO</td>
<td>Transcriptome Profiling of Laser-Capture Microdissected Endothelial Cells From Human Cerebral Cavernous Malformations</td>
</tr>
<tr>
<td></td>
<td>Early Vessel Imaging at Primary Stroke Centers Improves Clinical Outcomes of Patients Transferred for Thrombectomy</td>
<td>Ryan A McTaggart, Rhode Island Hosp, Providence, RI</td>
<td>Transit Time on Digital Subtraction Angiography Correlates with Cerebral Arteriovenous Malformation Flow Measured by Quantitative Magnetic Resonance Angiography</td>
</tr>
<tr>
<td></td>
<td>Minorities, Women, and Stroke Belters Left Behind in t-PA Use Despite Quality Improvement Efforts</td>
<td>Tracy E Madsen, Warren Alpert Medical Sch of Brown Univ / Rhode Island Hosp, Providence, RI</td>
<td>Outcomes and Complications of Aruba-eligible Cerebral Arteriovenous Malformation Patients Treated at Cleveland Clinic</td>
</tr>
<tr>
<td></td>
<td>Optimizing Triage in Patients with Acute Ischemic Stroke Initially Transported to Non-thrombectomy Centers</td>
<td>Gregoire Boulouis, Massachusetts General Hosp, Boston, MA</td>
<td>Plasma Biomarkers of Inflammation Reflect Seizures and Hemorrhagic Activity of Cerebral Cavernous Malformations</td>
</tr>
<tr>
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<td>Paramedic-Administered Los Angeles Motor Scale Identifies Ischemic Stroke with Large Vessel Occlusion and Intracranial Hemorrhage for Routing to Comprehensive Stroke Centers and Compares Favorably to Other Screening Methods</td>
<td>Ali Reza Noorian, UCLA and KP OC, Los Angeles, CA</td>
<td>Increased Endothelial Endoglin Gene Deletion and Co-deletion of EphrinB2 Enhance Brain Arteriovenous Malformation in Mice</td>
</tr>
<tr>
<td></td>
<td>Magnitude of Benefit of Prehospital Mobile Stroke Unit vs Conventional ED Thrombolysis: Preliminary Estimate Based on PHANTOM-S Observational Registry Study</td>
<td>May Nour, Univ of California, Los Angeles, CA</td>
<td>Phenotypic Features of Murine Models of Cerebral Cavernous Malformations</td>
</tr>
</tbody>
</table>

**Thursday, February 23 (7:00 am – 8:30 am)**

**Category**: Emergency Care/Systems

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

**Session Type**: Abstract

**Room**: Grand Ballroom B

**Moderator(s)**: Peter Panagos, MD, St Louis, MO
                    Jeffrey L Saver, MD, FAHA, FAAN, Los Angeles, CA
                    Rose Du, MD, PhD, Boston, MA
                    Ketan Bulsara, MD, New Haven, CT

**7:00**

Streamlined Workflows for Triage and Transfer Reduce Door-to-Puncture Time in Mechanical Thrombectomy | Akash P Kansagra, Washington Univ, St Louis, MO
24/7 Stroke Nurse Team Coverage Reduced Door-to-needle Time and Improved Tissue Plasminogen Activator Utilization Rates in a Stroke Level 1 Community Hospital | Zohaib Haque, PsychCare Consultants, St Louis, MO
Early Vessel Imaging at Primary Stroke Centers Improves Clinical Outcomes of Patients Transferred for Thrombectomy | Ryan A McTaggart, Rhode Island Hosp, Providence, RI
Minorities, Women, and Stroke Belters Left Behind in t-PA Use Despite Quality Improvement Efforts | Tracy E Madsen, Warren Alpert Medical Sch of Brown Univ / Rhode Island Hosp, Providence, RI
Optimizing Triage in Patients with Acute Ischemic Stroke Initially Transported to Non-thrombectomy Centers | Gregoire Boulouis, Massachusetts General Hosp, Boston, MA
Paramedic-Administered Los Angeles Motor Scale Identifies Ischemic Stroke with Large Vessel Occlusion and Intracranial Hemorrhage for Routing to Comprehensive Stroke Centers and Compares Favorably to Other Screening Methods | Ali Reza Noorian, UCLA and KP OC, Los Angeles, CA
Magnitude of Benefit of Prehospital Mobile Stroke Unit vs Conventional ED Thrombolysis: Preliminary Estimate Based on PHANTOM-S Observational Registry Study | May Nour, Univ of California, Los Angeles, CA

**8:00**

Discussion

**8:24**

Discussion

**Short Break (8:30 am – 8:45 am)**
### Thursday, February 23 (8:45 am – 10:15 am)

#### Category: Health Services, Quality Improvement, and Patient-Centered Outcomes

<table>
<thead>
<tr>
<th>Session Title</th>
<th>Implementation of Acute Stroke Therapies Worldwide: Status, Possibilities and Obstacles (an AHA/ASA and World Stroke Organization Joint Session)</th>
<th>Pre-hospital Systems of Care to Improve TPA Treatment Rates and Speed: Telemedicine and Mobile Stroke Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Room</td>
<td>General Ballroom A</td>
<td>General Assembly B</td>
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</tbody>
</table>
| Moderator(s)  | Gary A Ford, MD, Oxford, United Kingdom   
Ralph L Sacco, MD, FAHA, FAAN, Miami, FL   
Werner Hacke, MD, PhD, FAHA, Heidelberg, Germany | Bruce Orbiagele, MD, MSc, FAHA, Charleston, SC   
Miguel Perez-Pizón, PhD, FAHA, Miami, FL  |
| 8:45          | Influence on Clinical Decision Making in Stroke  
Gustavo Sapoznik, MD, MSc, FAHA, FRCP, Toronto, ON, Canada | (8:45) Exosomes as a Restorative Treatment for Stroke  
Michael Chopp, PhD, FAHA, Detroit, MI |
| 9:04          | Shared Decision Making  
Richard Lindeley, MD, Sydney, Australia | (8:08) Sex Differences in Stroke: From Molecules to Women  
Patricia D Hurn, PhD, RN, FAHA, Ann Arbor, MI |
| 9:23          | Support Decision Instruments for Acute Stroke  
Peter McMeekin, PhD, Newcastle, United Kingdom | (9:31) Rebuilding Function after Stroke  
Robert Adams, MD, MS, FAHA, Charleston, SC |
| 9:42          | Cost-effectiveness Models and Decision Making for Acute Stroke Care  
Jeffrey L Saver, MD, FAHA, FAAN, Los Angeles, CA | (9:54) Penumbra Selection for Reperfusion Therapy: It's About Brain!  
Stephen M Davis, MD, FRCP, Edin FRACP, FAHA, Victoria, Australia |
| 10:00         | Discussion                                                                        | Discussion                                                                                                         |

#### Category: Emergency Care Systems

<table>
<thead>
<tr>
<th>Session Title</th>
<th>Decision Making for Reperfusion Therapies in Acute Stroke</th>
<th>CED (Cerebrovascular Education and Discovery) Talks</th>
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<tbody>
<tr>
<td>Room</td>
<td>General Ballroom A</td>
<td>Grand Ballroom C</td>
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</table>
| Moderator(s)  | Gary A Ford, MD, Oxford, United Kingdom   
Lee H Schwamm, MD, FAHA, Boston, MA  
Bruce Orbiagele, MD, MSc, FAHA, Charleston, SC  
Miguel Perez-Pizón, PhD, FAHA, Miami, FL | Ralph L Sacco, MD, FAHA, FAAN, Miami, FL  
Bruce Orbiagele, MD, MSc, FAHA, Charleston, SC  
Miguel Perez-Pizón, PhD, FAHA, Miami, FL |
| 8:45          | Influences on Clinical Decision Making in Stroke  
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| 9:23          | Support Decision Instruments for Acute Stroke  
Peter McMeekin, PhD, Newcastle, United Kingdom | (9:31) Rebuilding Function after Stroke  
Robert Adams, MD, MS, FAHA, Charleston, SC |
| 9:42          | Cost-effectiveness Models and Decision Making for Acute Stroke Care  
Jeffrey L Saver, MD, FAHA, FAAN, Los Angeles, CA | (9:54) Penumbra Selection for Reperfusion Therapy: It's About Brain!  
Stephen M Davis, MD, FRCP, Edin FRACP, FAHA, Victoria, Australia |
| 10:00         | Discussion                                                                        | Discussion                                                                                                         |

**Short Break (10:15 am – 10:30 am)**
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<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Abstract</th>
<th>Room</th>
<th>Moderator(s)</th>
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<tbody>
<tr>
<td>8:45</td>
<td>Predictors of Good Functional Outcomes in an Acute Ischemic Stroke Cohort with a Large Infarct Core Treated with Mechanical Thrombectomy: Signals to Treat? 127</td>
<td>Jeffrey Wagner, Blue Sky Neurology, Englewood, CO</td>
<td>Grand Ballroom B</td>
<td>Pooja Khatri, MD, FAHA, Cincinnati, OH; Kathryn Rexrode, MD, MPH, Boston, MA; Daniel Woo, MD, MS, Cincinnati, OH</td>
</tr>
<tr>
<td>8:57</td>
<td>TICI Reperfusion in HERMES: Success in Endovascular Stroke Therapy 128</td>
<td>David S. Liebeskind, Neurovascular Imaging Res Core, Los Angeles, CA</td>
<td>Room 310 A-C</td>
<td>Mayank Goyal, Univ of Calgary, Calgary, AB, Canada</td>
</tr>
<tr>
<td>9:09</td>
<td>Clinical-imaging Mismatch Versus Perfusion Imaging Mismatch Selection for Stroke Patients Undergoing Mechanical Thrombectomy 129</td>
<td>Mehdi Bouslama, Emory Univ SOM, Atlanta, GA</td>
<td></td>
<td>George Howard, Univ Alabama Birmingham, Birmingham, AL; Virginia J Howard, Univ Alabama Birmingham, Birmingham, AL</td>
</tr>
<tr>
<td>9:21</td>
<td>Is Intravenous Thrombolysis Far from Obsolete in the Era of Endovascular Thrombectomy? A Hint from a Meta-analysis of Randomized Clinical Trials 130</td>
<td>Georgios Tsigoulis, Attikon Univ Hosp, Univ of Athens, Athens, Greece</td>
<td></td>
<td>Anne-Katrin Giese, Massachusetts General Hosp, Harvard Medical Sch, Boston, MA; Jonathan Rosand, Massachusetts General Hosp, Harvard Medical Sch, Boston, MA</td>
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<tr>
<td>9:33</td>
<td>TICI 2A Reperfusion Increases Risk of Parenchymal Hemorrhage After Endovascular Treatment for Acute Ischemic Stroke 131</td>
<td>Erica Jones, Emory Univ Atlanta, GA</td>
<td></td>
<td>Larry B Goldstein, Univ of Kentucky, Lexington, KY</td>
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<tr>
<td>10:09</td>
<td>Discussion</td>
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<tr>
<td>Time</td>
<td>Session Title</td>
<td>Speaker(s)</td>
<td>Location</td>
<td>Abstract</td>
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<tr>
<td>8:45</td>
<td>The Microrna 17-92 Cluster in Neural Progenitor Cells is Required for Stroke-induced Neurogenesis and Gliogenesis</td>
<td>Wanlong Pan, Zheng Gang Zhang</td>
<td>Room 370 A-F, General Assembly C</td>
<td>Evaluation of Sex, Racial and Geographic Demographics and Outcomes in Clinical Trials of Spontaneous Intracerebral Hemorrhage 148</td>
</tr>
<tr>
<td>8:57</td>
<td>Enhanced Neuroprotection by Synergistically Induced Hypothermia with Pharmacological and Physical Approach in Experimental Stroke</td>
<td>Jun Zhang, Ke-Jie Yin</td>
<td>Room 370 A-F, General Assembly C</td>
<td>Patterns, Determinants and Outcomes of Ultra-early Neurological Deterioration (U-END) in Intracerebral Hemorrhage 149</td>
</tr>
<tr>
<td>9:09</td>
<td>Long Non-coding RNA Malat1 Regulates Cerebrovascular Pathologies in Ischemic Stroke</td>
<td>Sheng Wen Yeh, Wendy Chem</td>
<td>Room 370 A-F, General Assembly C</td>
<td>Diffusion Abnormalities and Quality of Life Outcomes After Intracerebral Hemorrhage 150</td>
</tr>
<tr>
<td>9:33</td>
<td>Development of Novel S100A9 Peptide Vaccine for Prevention of Thrombus Formation in Ischemic Stroke in Mice</td>
<td>Tomohiro Kawano, Hideki Mochizuki</td>
<td>Room 370 A-F, General Assembly C</td>
<td>Risk of Arterial Thromboembolic Events After Intracerebral Hemorrhage 152</td>
</tr>
<tr>
<td>9:45</td>
<td>Transient Receptor Potential Vaniloid 1 (TRPV1) Channel Contributes to Cerebral Reperfusion After Stroke</td>
<td>Sung-Ha Hong, Sean P Marrelli</td>
<td>Room 370 A-F, General Assembly C</td>
<td>Prior Statin Therapy is Not Associated with Cerebral Bleeding-prone Angiopathies in Patients with Ischemic Stroke Who Start Long-term Oral Anticoagulation 153</td>
</tr>
<tr>
<td>9:57</td>
<td>Role of Nicotine in the Development of Intracranial Aneurysm Rupture</td>
<td>Yoshinobu Kamio, Tomoki Hashimoto</td>
<td>Room 370 A-F, General Assembly C</td>
<td>Genetic Variants in CETP That Increase HDL Levels Also Increase Risk of Intracerebral Hemorrhage 154</td>
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<tr>
<td>10:09</td>
<td>Discussion</td>
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</table>

Short Break (10:15 am – 10:30 am)
### Thursday, February 23 (10:30 am – 12 noon)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>10:30</td>
<td>Introduction of the Thomas Willis Lecture</td>
</tr>
<tr>
<td>10:35</td>
<td>Thomas Willis Lecture: Brain Damage and Repair after Intracerebral Hemorrhage</td>
</tr>
<tr>
<td>10:40</td>
<td>Intensive Versus Guideline Antiplatelet Therapy for Preventing Recurrence in Patients with Acute Ischaemic Stroke or TIA: Main Results from the Triple Antiplatelet for Reducing Dependency in Ischaemic Stroke (TARDIS) Trial LB4 Philip M Bath, Univ of Nottingham, Nottingham, United Kingdom Nikola Sprigg, Univ of Nottingham, Nottingham, United Kingdom</td>
</tr>
<tr>
<td>11:00</td>
<td>Cilostazol Versus Aspirin in Ischemic Stroke Patients with Intracerebral Hemorrhage or Multiple Microbleeds LB5 Sun U Kwon Sr, Asan Medical Ctr, Seoul, Korea, Republic of Dong-Wha Kang, Asan Medical Ctr, Seoul, Korea, Republic of</td>
</tr>
<tr>
<td>11:12</td>
<td>Resumption of Oral Anticoagulation After Intracerebral Hemorrhage is Associated with Decreased Mortality and Favorable Functional Outcome LB6 Alessandro Biffi, Massachusetts General Hosp, Boston, MA Kevin N Sharf, Yale Univ Sch of Med, New Haven, CT</td>
</tr>
<tr>
<td>11:24</td>
<td>Efficacy and Safety of Nimodipine in Vascular Mild Cognitive Impairment: A Randomized Placebo Controlled Trial LB7 Haiguang Zheng, Capital Medical Univ, Beijing TianTan Hosp, Beijing, China Yongjun Wang, Capital Medical Univ, Beijing TianTan Hosp, Beijing, China</td>
</tr>
<tr>
<td>11:48</td>
<td>Second Generation Hydrogel-coated Coils for the Endovascular Treatment of Intracranial Aneurysms: Final Results of a Randomized Controlled Trial LB8 Christian Taschner, Univ Hosp Freiburg, Freiburg, Germany Alain Bonafé, CHU Montpellier, Montpellier, France</td>
</tr>
</tbody>
</table>

**Moderator(s):** Bruce Ovbiagele, MD, MSc, MAS, FAHA, Charleston, SC Miguel A Perez-Pinzon, PhD, FAHA, Miami, FL

**Room:** Hall C

**Session Type:** Plenary

**Session Title:** Thursday Main Event

**Plenary**

**Thursday, February 23 (10:30 am – 12 noon)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>12:10</td>
<td>Science and Technology Hall (Exhibits)/Lunch Break</td>
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<tr>
<td>1:30</td>
<td>Basic Science Networking Luncheon</td>
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<td></td>
<td>Room 320 A-C</td>
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<td>(Ticket required; seating is limited.)</td>
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</table>

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

**Panel:** Pamela Duncan, PT, PhD, FAPTA, FAHA, Winston-Salem, NC Christina Condon NP, MSN, Winston-Salem, Sarah Lycan NP, MSN, Winston-Salem, Barbara Lutz, PhD, RN, CRRN, APHN-BC, FAHA, FNAP, FAAN, FAHA, Winston, NC Janet Prvu Bettger, ScD, FAHA, Durham, NC

**Nursing and Rehabilitation Professionals Luncheon**

**Room 361 A-F**

*(Ticket required; seating is limited.)*

**Moderators:** Claranne P Mathiesen, MSN, BSN, RN, CNRN, Stroudsburg, PA Sue Pugh, RN, MSN, CRRN, CNRN, CNS-BC, CBIS, FAHA, Baltimore, MD

**Individualized Electronic Care Plans and Performance Measures for Comprehensive Post-stroke Care**

**Panel:** Pamela Duncan, PT, PhD, FAPTA, FAHA, Winston-Salem, NC Christina Condon NP, MSN, Winston-Salem, Sarah Lycan NP, MSN, Winston-Salem, Barbara Lutz, PhD, RN, CRRN, APHN-BC, FAHA, FNAP, FAAN, FAHA, Winston, NC Janet Prvu Bettger, ScD, FAHA, Durham, NC

**Basic Science Networking Luncheon**

**Room 320 A-C**

*(Ticket required; seating is limited.)*

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

**Please see online Program Planner or Mobile Meeting Guide app for information.**
<table>
<thead>
<tr>
<th>Category</th>
<th>Session Title</th>
<th>Abstract</th>
<th>Acute Neuroimaging</th>
<th>Preventive Strategies</th>
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<tr>
<td>Session Type</td>
<td>Advanced Neuroimaging Methods for Stroke Recovery</td>
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<td></td>
<td>Anti-thrombotic Therapy Specific to Races/Regions (in the NOAC Era) (an AHA/ASA and Japan Stroke Society Joint Session)</td>
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<td>Session Type</td>
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<td>Room</td>
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<td>General Assembly A</td>
<td>Room 310 A-C</td>
<td>General Assembly C</td>
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<tr>
<td>Moderator(s)</td>
<td>Sunghee Cho, PhD, White Plains, NY</td>
<td>Dawn Kleindorfer, MD, FAHA, Cincinnati, OH</td>
<td>Mervyn Vergouwen, MD, PhD, Utrecht, Netherlands</td>
<td>Hooman Kamel, MD, New York, NY</td>
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<td></td>
<td>Tom Schweizer, PhD, Toronto, ON, Canada</td>
<td>Kazunori Toyoda, MD, PhD, Saita, Japan</td>
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<tr>
<td>1:30</td>
<td>Application of EEG Methods for Stroke Recovery</td>
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<td>Differences in Prothrombotic States Among Races/Regions</td>
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<tr>
<td></td>
<td>Steven C. Cramer, MD, Orange, CA</td>
<td>Steven C. Cramer, MD, Orange, CA</td>
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<td>Toshiyuki Miyata, PhD, Osaka, Japan</td>
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<tr>
<td>1:49</td>
<td>Diffusion-weighted Imaging and Anatomical Connectivity in Stroke Patients</td>
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<td>Differences in Antiplatelet Choice Among Races/Regions</td>
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<td></td>
<td>Joseph Helpem, MD, Charleston, SC</td>
<td>Joseph Helpem, MD, Charleston, SC</td>
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<td>Oh Young Bang, MD, PhD, Seoul, Korea, Republic of</td>
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<tr>
<td>2:08</td>
<td>Pre-clinical and Translational MRI of Stroke Recovery</td>
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<td>Differences in Impact of NOACs Among Races/Regions</td>
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<td></td>
<td>Rick M Dijkhuizen, PhD, Utrecht, Netherlands</td>
<td>Rick M Dijkhuizen, PhD, Utrecht, Netherlands</td>
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<td>Lawrence Wong, MD, Shatin, Hong Kong</td>
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<tr>
<td>2:27</td>
<td>Resting-state Functional Magnetic Resonance Imaging</td>
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<td>Differences in Bleeding Risk and Antidotes Among Races/Regions</td>
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<td>Alexandre Carter, MD, St Louis, MO</td>
<td>Alexandre Carter, MD, St Louis, MO</td>
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<td>Thorsten G Steiner, MD, Heidelberg, Germany</td>
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<td>2:45</td>
<td>Discussion</td>
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<tr>
<th>Category</th>
<th>Basic and Preclinical Neuroscience of Stroke Recovery</th>
<th>Health Services, Quality Improvement, and Patient-centered Outcomes</th>
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<tbody>
<tr>
<td>Session Title</td>
<td>Basic and Preclinical Neuroscience of Stroke Recovery Oral Abstracts II</td>
<td>Health Services, Quality Improvement, and Patient-centered Outcomes Oral Abstracts II</td>
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<td>Session Type</td>
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<td>General Assembly C</td>
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<tr>
<td>Moderator(s)</td>
<td>Sunghee Cho, PhD, White Plains, NY</td>
<td>Dawn Kleindorfer, MD, FAHA, Cincinnati, OH</td>
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<td>Amylis Tovfighi, MD, Los Angeles, CA</td>
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<tr>
<td>1:30</td>
<td>Bone Marrow Mononuclear Cells Enhance Stroke Recovery Through the Release of Fractalkine From the Spleen</td>
<td>Processes of Care that are Associated with Reduced Risk of Recurrent Vascular Events Among Patients with a Transient Ischemic Attack and Minor Stroke</td>
</tr>
<tr>
<td></td>
<td>Bing Yang, UT Health McGovern Medical Sch at Houston, Houston, TX</td>
<td>Dawn Bravata, Richard L Roudiebush VA Medical Ctr, Indianapolis, IN</td>
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<tr>
<td></td>
<td>Sean I Savitz, UT Health McGovern Medical Sch at Houston, Houston, TX</td>
<td>Greg Arling, Purdue Univ Sch of Nursing, West Lafayette, IN</td>
</tr>
<tr>
<td>1:42</td>
<td>Tailored Multipotent Mesenchymal Stromal Cell Harvested Exosomes Carrying Elevated miR-17-92 Cluster Enhance Neurovascular Remodeling &amp; Improve Functional Recovery After Stroke in Rats</td>
<td>Early Outpatient Followup Associated with Lower Readmission Among Medicare Patients with Ischemic Stroke</td>
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<td>Hungqi Xin, Henry Ford Health System, Detroit, MI</td>
<td>Samuel W Terman, Univ of Michigan, Ann Arbor, MI</td>
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<td></td>
<td>Michael Chopp, Henry Ford Health System, Detroit, MI</td>
<td>Lesly E Skolarus, Univ of Michigan, Ann Arbor, MI</td>
</tr>
<tr>
<td>1:54</td>
<td>Nur77 Ameliorate Brain Ischemic Injury Through Polarize Microglia from M1 to M2 Phenotype</td>
<td>The Michigan Stroke Transitions Trial: Assessment of Unmet Needs and Case Management Activities from an In-home Patient-centered Social Work Case Management Program</td>
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<tr>
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<td>Yan Chen, Nanjing Drum Tower Hosp, Nanjing, China</td>
<td>Michele Fritz, Michigan State Univ, East Lansing, MI</td>
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<td>Yun Xu, Nanjing Drum Tower Hosp, Nanjing, China</td>
<td>Matthew J Reeves, Michigan State Univ, East Lansing, MI</td>
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<tr>
<td>2:06</td>
<td>Pre-existing Cancer Exacerbates Cerebral Ischemic Stroke in Mice via Regulatory T Cell Redistribution</td>
<td>What Domains of Health Are Most Impacted After Ischemic Stroke?</td>
</tr>
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<td></td>
<td>Long Wang, Renji Hosp, Shanghai Jiaotong Univ Sch of Med, Shanghai, China</td>
<td>Irene Katzan, Cleveland Clinic Founda, Cleveland, OH</td>
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<tr>
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<td>Peiyiing Li, Renji Hosp, Shanghai Jiaotong Univ Sch of Med, Shanghai, China</td>
<td>Nicolaus Thompson, Cleveland Clinic Founda, Cleveland, OH</td>
</tr>
<tr>
<td>2:18</td>
<td>Improving Chronic Motor and Cognitive Recovery After Stroke Using Injury-site Specific Inhibition of Complement Activation</td>
<td>One-month Modified Rankin Score (mRS) Score Predicts Five-year Disability, Death, Quality-of-Life, and Healthcare Costs in Ischemic Stroke: A Prospective Cohort Study</td>
</tr>
<tr>
<td></td>
<td>Ali Alawieh, Farris Langley, Stephen Tomlinson, Medical Univ of South Carolina, Charleston, SC</td>
<td>Aravind Ganesh, Univ of Oxford, Oxford, United Kingdom</td>
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<td>Peter M Rothwell, Univ of Oxford, Oxford, United Kingdom</td>
</tr>
<tr>
<td>2:30</td>
<td>Methylene and Aging, Contribution of Biological Age to Recovery After Ischemic Stroke</td>
<td>An Innovative mHealth-based Care Model for Improving Hypertension Control in Stroke Survivors</td>
</tr>
<tr>
<td></td>
<td>Jordi Jimenez-Conde, Inst Hosp del Mar d’Investigació Medica, IMIM, Barcelona, Spain</td>
<td>Kamakshi Lakshminarayan, Univ of Minnesota, Minneapolis, MN</td>
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<tr>
<td></td>
<td>Jaume Roquer, Inst Hosp del Mar d’Investigació Medica, IMIM, Barcelona, Spain</td>
<td>Rich Grimm, Univ of Minnesota, Minneapolis, MN</td>
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<tr>
<td>2:42</td>
<td>Age and Sex Influence the Neutrophil Response to Ischemic Stroke in Mice and Humans</td>
<td>Differences in Description of Patent Foramen Ovale Influence Choice of Treatment</td>
</tr>
<tr>
<td></td>
<td>Meaghan Roy-O’Reilly, Univ of Texas Health Sciences Ctr, Houston, TX</td>
<td>Natalie C Wheeler, Univ of Wisconsin-Madison, Madison, WI</td>
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<td></td>
<td>Louise McCullough, Univ of Texas Health Sciences Ctr, Houston, TX</td>
<td>Darin Zahrane, Univ of Michigan, Ann Arbor, MI</td>
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Thursday, February 23 (1:30 pm – 3:00 pm)

Case Study: Challenging Endovascular Thrombectomy Cares for Acute LVO

Italo Linfante, MD, Miami, FL

Science and Technology Hall, Booth 451, Expert Theater
### Games of Strokes

**Session Title**

**Category**

**Team Canada / USA**

- Mayank Goyal (Canada)
- Enrique Leira (US)
- Stephan A Mayer (US)
- TBD
- TBD

**Team Asia / Australia**

- Graeme Hankey (Australia)
- Jong Sun Kim (Korea)
- Jeyaraj Pandian (India)
- Thang Nguyen (Vietnam)

**Team Europe**

- Martin Koehrmann (Germany)
- Carlos Molina (Spain)
- Alastair Webb (UK)
- Emmanuel Touze (France)

- In this exciting, interactive new 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 2017 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 the US and Canada; Asia and Australia; and Europe. Come and support your favorite team and watch them try to win the Games of Strokes trophy.

- Note: moving forward, the plan is to rotate the team continents/countries each year.

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

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### Late-Breaking Science Oral Abstracts I

- **Session Title**
- **Category**
- **Room**
- **Moderator(s)**

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<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
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<tbody>
<tr>
<td>1:30</td>
<td>Ticagrelor Versus Aspirin in Acute Stroke or Transient Ischemic Attack of Atherosclerotic Origin LB9</td>
<td>Pierre Amairencos, Paris Diderot Univ, Paris, France; S Claiborne Johnston, Univ of Texas at Austin, Austin, TX</td>
</tr>
<tr>
<td>1:42</td>
<td>E-cigarette Exposure Alters Brain Glucose Utilization and Stroke Outcome LB10</td>
<td>Ali E Sifat, TTUHSC Sch of Pharmacy, Amarillo, TX; Thomas Abbruscato, TTUHSC Sch of Pharmacy, Amarillo, TX</td>
</tr>
<tr>
<td>1:54</td>
<td>Shake, Rattle &amp; Roll Trial - Improving Blood Pressure Control Among African Americans LB11</td>
<td>Mai H Nguyen-Huy, Kaiser Permanente, Oakland, CA; Stephen Sidney, Kaiser Permanente, Oakland, CA</td>
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<tr>
<td>2:06</td>
<td>Safety and Feasibility of Combination of Ticagrelor and Aspirin in Patients with Minor Stroke or TIA: Interim Analyses of the Platelet Reactivity in Acute Stroke or Transient Ischemic Attack (PRINCE) Trial LB12</td>
<td>Yong Wang, Capital Medical Univ, Beijing tiantan hospital, Beijing, China; Yongjun Wang, Capital Medical Univ, Beijing tiantan hospital, Beijing, China</td>
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<tr>
<td>2:18</td>
<td>Effect of a Nationwide Hospital-based Stroke Network on Key Processes of Evidence-based Stroke Care: The China National Stroke Prevention Project LB13</td>
<td>Longde Wang, The Natl Health and Family Commission, Beijing, China</td>
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<tr>
<td>2:30</td>
<td>Rapid Increase in Endovascular Thrombectomy for Acute Ischemic Stroke in the United States: Data From Get With the Guidelines-Stroke LB14</td>
<td>Eric E Smith, Univ of Calgary, Calgary, AB, Canada; Lee H Schwamm, Massachusetts General Hosp, Boston, MA</td>
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<tr>
<td>2:42</td>
<td>Interhospital Transfer Prior to Thrombectomy is Associated With Delayed Treatment and Worse Outcome in the STRATIS Registry LB15</td>
<td>Michael T Froehler, Vanderbilt Univ, Nashville, TN; Nils H Mueller-Kronast, Delray Medical Ctr/Tenet South Florida, Delray Beach, FL</td>
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**Discussion**
### Thursday, February 23 (3:30 pm – 5:00 pm)

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<th>Experimental Mechanisms and Models</th>
<th>Community/Risk Factors</th>
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<td>Session Title</td>
<td>Giving New Life to Old Music: Emerging Novel Functions for Proteases in Vascular-neurobiology</td>
<td>Interventions to Enhance Global and Regional Stroke Outcomes</td>
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<tr>
<td>Session Type</td>
<td>Invited Symposium</td>
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<tr>
<td>Room</td>
<td>General Assembly B</td>
<td>Grand Ballroom B</td>
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<tr>
<td>Moderator(s)</td>
<td>Marilyn Cipolla, PhD, MS, FAHA, Burlington, VT</td>
<td>Liping Liu, MD, PhD, Beijing, China</td>
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<td></td>
<td>Jialing Liu, PhD, San Francisco, CA</td>
<td>Bo Norrving, MD, PhD, FESC, Lund, Sweden</td>
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<tr>
<td>3:30</td>
<td>Tissue Type Plasminogen Activator (tPA): More Than a Fibrinolytic?</td>
<td>Overview of Disparities and Drivers of Trends in Stroke Epidemiology</td>
</tr>
<tr>
<td></td>
<td>Denis Viven, MD-PhD, Caen, France</td>
<td>Rita V Krishnamurthi, PhD, MAPPLSC, BSc, Auckland, New Zealand</td>
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<tr>
<td>3:49</td>
<td>Help, Help, Me Thrombin: The Serine Protease Thrombin in Neuronal-astrocyte Cell-cell Communication</td>
<td>Interventions to Improve Risk Factor Control</td>
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<tr>
<td></td>
<td>Patrick Lyden, MD, Los Angeles, CA</td>
<td>Amytis Towfighi, MD, Los Angeles, CA</td>
</tr>
<tr>
<td>4:08</td>
<td>All Shook Up: Kallikrein Signaling at the Intersection of Neural Injury and Repair</td>
<td>The Road Map to Improved Stroke Services</td>
</tr>
<tr>
<td></td>
<td>Isobel Sarisbrick, PhD, Rochester, MN</td>
<td>N. Patrice Lindsay, BSc, PhD, Ottawa, ON, Canada</td>
</tr>
<tr>
<td>4:27</td>
<td>I’m Hot Blooded: Using Cysteine Proteases as Biomarkers of Acute Brain and Spinal Cord Injury</td>
<td>Interventions to Improve Outcomes Across Race-ethnic Subgroups</td>
</tr>
<tr>
<td></td>
<td>Ronald Hayes, PhD, Alachua, FL</td>
<td>Dominique Cadilhac, BN (post-reg), MPH, PhD, Clayton, Australia</td>
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<tr>
<td>4:45</td>
<td>Discussion</td>
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<tr>
<th>Category</th>
<th>Diagnosis of Stroke Etiology</th>
<th>Preventive Strategies</th>
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<tbody>
<tr>
<td>Session Title</td>
<td>Potential Role of Magnetic Resonance Vessel Wall Imaging for Intracranial Vasculopathy</td>
<td>Prevention and Management of Stroke in the Oldest Old</td>
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<tr>
<td>Session Type</td>
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<td>Room</td>
<td>General Assembly C</td>
<td>Grand Ballroom A</td>
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<tr>
<td>Moderator(s)</td>
<td>Lawrence Wong, MD, Shatin, Hong Kong</td>
<td>Daniel T Lackland, PhD, Charleston, SC</td>
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<td></td>
<td>David Mikulis, MD, Toronto, ON, Canada</td>
<td>Judith H Lichtman, PhD, MPH, New Haven, CT</td>
</tr>
<tr>
<td></td>
<td>Tanya Turan, MD, MSCR, FAHA, Charleston, SC</td>
<td>Anthony Kim, MD, MAS, San Francisco, CA</td>
</tr>
<tr>
<td>3:49</td>
<td>MR Techniques for Intracranial Vessel Wall Imaging</td>
<td>Hypertension and Cholesterol Management for Stroke Prevention in the Oldest Old</td>
</tr>
<tr>
<td></td>
<td>Chun Yuan, PhD, MD, Seattle, WA</td>
<td>Dawn M Bravata, MD, Indianapolis, IN</td>
</tr>
<tr>
<td>4:08</td>
<td>MR Vessel Wall Imaging in Asian Populations</td>
<td>Risk of Stroke and Death from Revascularization in the Oldest Old</td>
</tr>
<tr>
<td></td>
<td>Tatsunori Natori, MD, Iwate, Japan</td>
<td>George Howard, DrPH, FAHA, Birmingham, AL</td>
</tr>
<tr>
<td>4:27</td>
<td>MR Vessel Wall Imaging in the North America</td>
<td>Expectations of Rehabilitation in the Oldest Old</td>
</tr>
<tr>
<td></td>
<td>Daniel Mandel, MD, PhD, Toronto, ON, Canada</td>
<td>Richard Lindley, MD, FRACP, Sydney, Australia</td>
</tr>
<tr>
<td>4:45</td>
<td>Discussion</td>
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**Short Break (5:00 pm – 5:15 pm)**
**Thursday, February 23 (3:30 pm – 5:00 pm)**

<table>
<thead>
<tr>
<th>Category</th>
<th>Community/Risk Factors</th>
<th>Guidelines Session</th>
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<tbody>
<tr>
<td>Session Title</td>
<td>Stroke Risk and Outcomes in People of African Ancestry (an AHA/ASA and Nigerian Stroke Society Joint Session)</td>
<td>Stroke Guidelines Session</td>
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<tr>
<td>Session Type</td>
<td>Invited Symposium</td>
<td>Invited Symposium</td>
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<tr>
<td>Room</td>
<td>General Assembly A</td>
<td>Grand Ballroom C</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Philip B Gorelick, MD, MPH, FAHA, Grand Rapids, MI &lt;br&gt; Yomi Dgun, BSc (Hons), MBCNB, FWACP, Ikorodu Lagos State, Nigeria</td>
<td>Walter Kernan, MD, New Haven, CT</td>
</tr>
<tr>
<td>3:30</td>
<td>Burden of Stroke, Vascular Risk Factors, and Care Gaps in Africa</td>
<td>Guidelines for Adult Stroke Rehabilitation and Recovery</td>
</tr>
<tr>
<td></td>
<td>Rufus Akinyemi, MBBS, MSc, PhD, MWACP, FMCP, Ibadan, Nigeria</td>
<td>Joel Stein, MD, New York, NY</td>
</tr>
<tr>
<td>3:49</td>
<td>Recent Insights into the Epidemiology of Stroke among African Americans</td>
<td>Telemedicine Quality and Outcomes in Stroke</td>
</tr>
<tr>
<td></td>
<td>Virginia J Howard, PhD, FAHA, FSCT, Birmingham, AL</td>
<td>Lawrence R Wechsler, MD, Pittsburgh, PA</td>
</tr>
<tr>
<td>4:08</td>
<td>State of Clinical Research in Stroke in Africa</td>
<td>Post-stroke Depression</td>
</tr>
<tr>
<td></td>
<td>Mayowa Owolabi, MBBS, MWACP, FMCP, MSc, DrMed, Ibadan, Nigeria</td>
<td>Amytis Towfighi, MD, Los Angeles, CA</td>
</tr>
<tr>
<td>4:27</td>
<td>Developing Interventions to Improve Stroke Outcomes in African Americans</td>
<td>Prevention of Stroke in Patients with Silent Cerebrovascular Disease</td>
</tr>
<tr>
<td></td>
<td>Salina Waddy, MD, Bethesda, MD</td>
<td>Eric E Smith, MD, Calgary, AB, Canada</td>
</tr>
<tr>
<td>4:45</td>
<td>Discussion</td>
<td>Discussion</td>
</tr>
</tbody>
</table>

**Category** | Pediatric Stroke
---|---
**Session Title** | Pediatric Stroke Oral Abstracts
**Session Type** | Abstract
**Room** | Room 310 A-C
**Moderator(s)** | Melissa Chung, MD, Columbus, OH <br> Timothy Bernard, MD, MSCS, Aurora, CO
| 3:30 | Clinical and Imaging Biomarkers of Childhood Arteriopathy: Results of the Vascular Effects of Infection in Pediatric Stroke (VIPS) Study 169 | 
| | Heather J Fullerton, Univ of California San Francisco, San Francisco, CA |
| 3:42 | Neonatal Hemorrhagic Stroke: Population-based Epidemiology 170 | 
| | Lauran Cole, Univ of Calgary/Calgary Pediatric Stroke Program, Calgary, AB, Canada <br> Adam Kirton, Univ of Calgary/Calgary Pediatric Stroke Program, Calgary, AB, Canada |
| 3:54 | Cerebral Blood Flow and Oxygen Extraction Fraction Are Age-dependent in Children and Young Adults with and without Sickle Cell Disease 171 | 
| | Kristin P Guilliams, Washington Univ in St Louis, St Louis, MO <br> Jin-Moo Lee, Washington Univ in St Louis, St Louis, MO |
| 4:06 | Medical and Demographic Predictors of Long-term Cognitive Outcomes of Pediatric Stroke 172 | 
| | Kimberly D Goodspeed, UT Southwestern, Dallas, TX <br> Michael Dowling, UT Southwestern, Dallas, TX |
| 4:18 | Accuracy and Reliability of Brain Attack Diagnoses Including Stroke in the Pediatric Emergency Department 173 | 
| | Mark T MacKay, The Royal Children's Hosp, Parkville, Australia <br> Franz E Babi, The Royal Children's Hosp, Parkville, Australia |
| 4:30 | Headache Presentation in Childhood Arterial Ischemic Stroke Differs by Arteriopathy Subtype 174 | 
| | Michael Dowling, UT Southwestern Medical Ctr, Dallas, TX |
| 4:42 | Cerebral Vasoreactivity is Impaired in Children with Sickle Cell Disease 175 | 
| | Giselle S Silva, Albert Einstein Hosp and Federal Univ of São Paulo, São Paulo, Brazil |
| 4:54 | Discussion | 

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

**Short Break (5:00 pm – 5:15 pm)**
5:15 pm – 6:15 pm
Professor-Led Poster Tours by Category:
Brief Presentation and Moderated Q&A with Poster Presenters
Moderated Posters TMP1 – TMP120; see pg 82 in the Poster Abstract Index for a complete listing of all the posters in the Thursday Professor-Led Poster Tour session.

6:15 pm – 6:45 pm
Regular Poster Session:
One-on-One Time for an Individual Q&A with Poster Presenters
*These posters are not included in the 5:15 Professor-Led Poster Tour Session above.*
Posters TP1 – TP449; see pg 89 in the Poster Abstract Index for a complete listing of all the posters in this Thursday session.
Ongoing Clinical Trials Posters CTP1 – CTP40; see pg 112 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.
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The American Heart Association’s Lifelong Learning Center makes claiming continuing medical education credit for International Stroke Conference 2017 easy! Credit claim is available as soon as you are done participating in ISC activities.

1. Go to AHA’s Lifelong Learning Center at [learn.heart.org](http://learn.heart.org).

2. Click **Activities in Progress**.

3. Click **Sign In**, enter your Username and Password and **Sign In**. If you do not remember your Username or Password, click the **Forgot Username/Password** link. If you are not a registered user, click **Sign Up** to enter your account information and create your new Username and Password.

4. Select the appropriate International Stroke Conference 2017 activity, and click **Resume**.

5. Review the **Activity Overview** tab, scroll to bottom and click **Continue**.

6. You will find agenda and faculty documents on the **Activity Material** tab. To move on, click **Continue**.

7. Click the **Launch** button to complete an evaluation on the course. This step is required to claim credit. Once complete, click **Continue**.

8. Click the **Claim** button for the appropriate accreditation credit type. You may qualify for more than one credit type based on your user profile. ACCME and ANCC allow claiming of variable credit. You will be given the option to claim all or part of the activity credit if applicable to your user profile.

9. Click **Continue** and select the certificate link to view and print.

10. Click **Close**. The activity is stored under Completed Activities.

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<th>Acute Nonendovascular Treatment</th>
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<td>General Assembly C</td>
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<td>Moderator(s)</td>
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<td>Effect of Statin in Acute Cardioembolic Stroke Patients Who Are Not Indicated According to Current Guidelines 182</td>
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<tr>
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<td>David S Liebeskind, Neurovascular Imaging Res Core, Los Angeles, CA Mayank Goyal, Univ of Calgary, Calgary, AB, Canada</td>
<td>Hong-Kyun Park, Seoul Natl Univ Bundang Hosp, Seongnam-si, Korea, Republic of Hye-Joon Bae, Seoul Natl Univ Bundang Hosp, Seongnam-si, Korea, Republic of</td>
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<td></td>
<td>The Association of Blood Pressure and Pretreatment Arterial Collaterals in Acute Ischemic Stroke 177</td>
<td>Intravenous Thrombolysis for Acute Ischemic Stroke in the “Golden Hour”: a Propensity-matched Analysis of SITS-EAST Registry 184</td>
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<td>Bei Li, Monash Univ, Melbourne Brain Ctr at the Royal Melbourne Hosp, Melbourne, Australia</td>
<td>Georgios Tegougis, Attikon Univ Hosp, Univ of Athens, Athens, Greece Robert Mikulik, Inti Clinical Res Ctr, St Anne’s Hosp and Masaryk Univ, Brno, Czech Republic</td>
</tr>
<tr>
<td></td>
<td>Bernard Yan, Univ of Melbourne, Melbourne Brain Ctr at the Royal Melbourne Hosp, Melbourne, Australia</td>
<td>Assoc of Antplatelet Pretreatment With Outcomes in Acute Ischemic Stroke Patients Treated With Intravenous Thrombolysis: A Systematic Review and Meta-analysis of Randomized Clinical Trials 185</td>
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<tr>
<td></td>
<td>Infarct Growth Rate Depends on Collateral Status in Acute Ischemic Stroke Patients 178</td>
<td>IV ICA Recanalization Rates by Site of Occlusion and Time After ICA Bolus- Main Results of the Intersect Multinational Multicenter Prospective Cohort Study 186</td>
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<td>Reza Hakimelahi, Manitoba Health Research Council, Winnipeg, MB, Canada Pamela Schaefer, Massachusetts General Hosp, Boston, MA</td>
<td>Bijoy K Monen, Univ of Calgary, Calgary, AB, Canada Andrew M Demchuk, Univ of Calgary, Calgary, AB, Canada</td>
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<td>Determinants of Cerebral Microbleeds in Acute Ischemic Stroke Patients With Non-valvular Atrial Fibrillation: SAMURAI-NVAF Study 179</td>
<td>Cerebral Microbleeds Are Associated With Higher Mortality Among Stroke Patients 180</td>
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<tr>
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<td>Akira Shiozawa, Osaka Univ, Osaka, Japan Kazunori Toyoda, Nait Cerebral and Cardiovascular Ctr, Saita, Japan</td>
<td>Ramin Zand, Univ of Tennessee Health Science Ctr, Memphis, TN Andrei V Alexandrov, Univ of Tennessee Health Science Ctr, Memphis, TN</td>
</tr>
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<td>IV ICA Recanalization Rates by Site of Occlusion and Time After ICA Bolus- Main Results of the Intersect Multinational Multicenter Prospective Cohort Study 186</td>
<td>See the ISC Mobile Meeting Guide app</td>
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<tr>
<td></td>
<td>Cerebral Microbleeds Are Associated With Higher Mortality Among Stroke Patients 180</td>
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### FRIDAY, FEBRUARY 24 (7:00 am – 8:30 am)

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<th>Category</th>
<th>In-hospital Treatment</th>
<th>Basic and Preclinical Neuroscience of Stroke Recovery</th>
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</thead>
<tbody>
<tr>
<td>Session Title</td>
<td>Anticoagulation Tests, Reversal Strategies and Antidotes in Patients Treated with Vitamin K Antagonists and Direct Oral Inhibitors</td>
<td>Clinical and Basic Perspectives on the Role of Physical and Cognitive Activity and Neural Progenitors in Stroke Recovery (the ASA-Bugher Collaborative Studies)</td>
</tr>
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<td>Session Type</td>
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<tr>
<td>Room</td>
<td>Grand Ballroom C</td>
<td>Grand Ballroom A</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Panayiotis Mitsias, MD, PhD, Detroit, MI&lt;br&gt;Peter D Schelling, MD, PhD, FESO, FAHA, Minden, Germany&lt;br&gt;S Thomas Carmichael, MD, PhD, Los Angeles, CA&lt;br&gt;Ralph L Sacco, MD, MS, FAHA, FAAN, Miami, FL&lt;br&gt;Richard J Traystman, PhD, FAHA, Aurora, CO</td>
<td>Nicholas V Stence, MD, Aurora, CO&lt;br&gt;Robert D Schellinger, MD, PhD, FESO, FAHA, Minden, Germany&lt;br&gt;S Thomas Carmichael, MD, PhD, Los Angeles, CA&lt;br&gt;Richard J Traystman, PhD, FAHA, Aurora, CO</td>
</tr>
<tr>
<td>7:00</td>
<td>Introduction</td>
<td>(7:00) Intracranial Vessel Wall Imaging in Arterial Ischemic Stroke&lt;br&gt;Nicholas V Stence, MD, Aurora, CO</td>
</tr>
<tr>
<td>7:05</td>
<td>Basics of Anti-coagulation and Anticoagulation Reversal</td>
<td>(7:15) Behavioral Activity Promotes White Matter Repair in Subcortical White Matter Stroke&lt;br&gt;S Thomas Carmichael, MD, PhD, Los Angeles, CA</td>
</tr>
<tr>
<td>7:25</td>
<td>Coagulation Tests and Point of Care Devices</td>
<td>(7:30) Exercise Intensity and Post-stroke Cognitive Outcomes in Elderly Animals&lt;br&gt;Kanjan Dave, MS, PhD, Miami, FL</td>
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<tr>
<td>7:45</td>
<td>Management of Acute Ischemic Stroke in Patients Treated with Vitamin-K-antagonists or NOACs</td>
<td>(7:45) Data Blitz: Predictors of Neuropsychological Outcomes Following Pediatric Stroke&lt;br&gt;Emily Maxwell, PhD, Aurora, CO&lt;br&gt;Thorsten G Steiner, MD, PhD, Heidelberg, Germany</td>
</tr>
<tr>
<td>8:05</td>
<td>Management of Intracranial Hemorrhage in Patients Treated with Vitamin-K-antagonists or NOACs</td>
<td>(7:50) Data Blitz: Effects of Physical Exercise on Cognitive Outcomes Following White Matter Stroke&lt;br&gt;Charles H Cohan, PhD, Miami, FL&lt;br&gt;(7:55) Data Blitz: The Search for New Regulators of Remyelination After White Matter Stroke&lt;br&gt;David DiTullio, PhD, Los Angeles, CA</td>
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<td>8:25</td>
<td>Discussion</td>
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### SAH and Other Neurocritical Management

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<td>Room 310 A-C</td>
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<tr>
<td>Moderator(s)</td>
<td>TBD</td>
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<tr>
<td>7:00</td>
<td>Prediction of Intracranial Aneurysm Growth Based on Morphology 190&lt;br&gt;Aichi Chien, UCLA, Los Angeles, CA&lt;br&gt;Noriko Salamon, UCLA, Los Angeles, CA</td>
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<tr>
<td>7:24</td>
<td>The Relationship of Platelet-leukocyte Aggregates and Early Brain Injury After Subarachnoid Hemorrhage 192&lt;br&gt;Jennifer A Frontera, Cleveland Clinic, Cleveland, OH&lt;br&gt;J Javier Provenzio, Univ of Virginia, Charlottesville, VA</td>
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<td>7:36</td>
<td>Real-time Quantitative Changes in Cerebral Blood Flow From Intra-arterial Vasodilator Treatment in Cerebral Vasospasm 193&lt;br&gt;Sund A Sheth, Univ of California, Los Angeles, Los Angeles, CA&lt;br&gt;Nestor R Gonzalez, Cedars-Sinai Medical Ctr, Los Angeles, CA</td>
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<td>7:48</td>
<td>See the ISC Mobile Meeting Guide app</td>
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<td>8:00</td>
<td>Sulfophane Protects Against Subarachnoid Hemorrhage and Alters the Expression of Inflammatory and Extracellular Matrix Remodeling Genes in a Mouse Model of Intracranial Aneurysm 195&lt;br&gt;David M Sawyer, Tulane Univ Sch of Med, New Orleans, LA&lt;br&gt;Aaron S Dumont, Tulane Univ, New Orleans, LA</td>
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<tr>
<td>8:12</td>
<td>Sanguinate (PEGylated-carboxyhemoglobin-bovine) Improves Cerebral Blood Flow and Oxygen Extraction to Vulnerable Brain Regions in Patients at Risk for Delayed Cerebral Ischemia After Subarachnoid Hemorrhage 196&lt;br&gt;Rajat Dhar, Washington Univ Sch of Med, Saint Louis, MO&lt;br&gt;Michael Dringer, Washington Univ Sch of Med, Saint Louis, MO</td>
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<tr>
<td>8:24</td>
<td>Discussion</td>
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<th>Vascular Biology in Health and Disease</th>
<th>Health Services, Quality Improvement, and Patient-Centered Outcomes</th>
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<td>Sugars and Scaffolds for Growth Factor Therapies</td>
<td>SU-Jing Chan, PhD, Boston, MA</td>
<td>Population Characteristics, Quality of Care, and Outcome in Korea</td>
<td>Population Characteristics, Quality of Care, and Outcome in Korea</td>
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<tr>
<td>9:04</td>
<td>Penetrating the BBB</td>
<td>Thomas P Davis, MSc, PhD, MD, Tucson, AZ</td>
<td>Population Characteristics, Quality of Care, and Outcome in the US</td>
<td>Population Characteristics, Quality of Care, and Outcome in the US</td>
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<tr>
<td>9:23</td>
<td>Biomechanics for Stent-retrievers and Recanalization</td>
<td>Matthew Gounis, PhD, Worcester, MA</td>
<td>Status of Reperfusion Therapy in Acute Ischemic Stroke in Korea</td>
<td>Status of Reperfusion Therapy in Acute Ischemic Stroke in US</td>
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<tr>
<td>9:42</td>
<td>Soft Exo-suits for Stroke Recovery</td>
<td>Louis Avid, PT, DPT, PhD, Boston, MA</td>
<td>Status of Reperfusion Therapy in Acute Ischemic Stroke in US</td>
<td>Status of Reperfusion Therapy in Acute Ischemic Stroke in US</td>
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<tr>
<td>10:00</td>
<td>Discussion</td>
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<td>Discussion</td>
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<td>8:45</td>
<td>Roles of Neutrophil Extracellular Trap in the Rupture of Intracranial Aneurysm</td>
<td>Masaki Kori, Univ of California, San Francisco, San Francisco, CA</td>
<td>High Occurrence Rate of Parent Intracranial Artery Plaque in Patients with Acute Penetrating Artery Territory Infarcts: Interim Results of the Stroke Imaging</td>
<td>High Occurrence Rate of Parent Intracranial Artery Plaque in Patients with Acute Penetrating Artery Territory Infarcts: Interim Results of the Stroke Imaging</td>
</tr>
<tr>
<td>9:09</td>
<td>A Predicting Model of Aneurysm Rupture Status Based on High-resolution Magnetic Resonance Imaging</td>
<td>Feng Liang, The First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou, Guangdong, China Zhengsong Huang, The First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou, Guangdong, China</td>
<td>A Systematic Literature Review of Patients with Carotid Web and Acute Ischemic Stroke</td>
<td>A Systematic Literature Review of Patients with Carotid Web and Acute Ischemic Stroke</td>
</tr>
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</table>
| 9:21  | Risk Factors Positively Associated with Annual Growth Rate of Brain Aneurysms  | Achi Chien, UCLA, Los Angeles, CA  
Yuanming Ye, MD Anderson Cancer Ctr, Houston, TX | Periprocedural Stroke and Myocardial Infarction as Risks for Long-term Mortality in CREST | Periprocedural Stroke and Myocardial Infarction as Risks for Long-term Mortality in CREST |
| 9:33  | Results of the ANSWER Trial Using the PulseRider for the Treatment of Broad-necked, Bifurcation Aneurysms | Alex M Spadola, Medical Univ of South Carolina, Charleston, SC | Association Between Medicare High Risk Criteria and Long Outcomes Following Carotid Revascularization Procedures | Association Between Medicare High Risk Criteria and Long Outcomes Following Carotid Revascularization Procedures |
| 9:45  | Vision Outcomes for Paraclinoid Aneurysms Treated with Clipping, Coiling, or Flow Diversion: A Meta-analysis | Michael A Silva, Brigham and Women’s Hosp, Boston, MA  
Mohammad A Aziz-Sultan, Brigham and Women’s Hosp, Boston, MA | Is Endovascular Treatment Beneficial in Acute Ischemic Stroke Patients with M2 Segment Middle Cerebral Artery Occlusion? | Is Endovascular Treatment Beneficial in Acute Ischemic Stroke Patients with M2 Segment Middle Cerebral Artery Occlusion? |
| 9:57  | Safety and Efficacy of WEB® Aneurysm Treatment: Combined Analysis of WEBCAST, French Observatory, and WEBCAST2 Studies - Final Results | Laurence Plouet, CHU Reims, Reims, France  
André Molyneux, CHU Reims, Reims, France | — 45 — | — 45 — |

**FRIDAY, FEBRUARY 24 (8:45 am – 10:15 am)**
# FRIDAY, FEBRUARY 24 (8:45 am – 10:15 am)

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<tr>
<td>Session Title</td>
<td>Reconsidering Neuroprotection in the Reperfusion Era (a Stroke journal Session)</td>
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<td>Room</td>
<td>Grand Ballroom A</td>
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<tr>
<td>Moderator(s)</td>
<td>Marc Fisher, MD, FAHA, Boston, MA Argye E Hills, MD, Baltimore, MD</td>
</tr>
<tr>
<td>8:45</td>
<td>Freezing the Ischemic Penumbra Marc Fisher, MD, FAHA, Boston, MA</td>
</tr>
<tr>
<td>8:59</td>
<td>Non-pharmaceutical Approaches Jean-Claude Baron, MD, ScD, Paris, France</td>
</tr>
<tr>
<td>9:13</td>
<td>Pharmacological Approaches Sean I Savitz, MD, FAHA, Houston, TX</td>
</tr>
<tr>
<td>9:27</td>
<td>Reperfusion Injury: Another Pharmacological Target after Successful Reperfusion Midori A Yanari, MD, FAHA, San Francisco, CA</td>
</tr>
<tr>
<td>9:41</td>
<td>Trial Design and Implementation Nerses Sanossian, MD, Los Angeles, CA</td>
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<td>9:55</td>
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<tr>
<td>Session Type</td>
<td>Abstract</td>
<td>Abstract</td>
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<tr>
<td>Room</td>
<td>Grand Ballroom B</td>
<td>General Assembly C</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Vasileios-Arsenios Louis, MD, Boston, MA Aaron Lord, MD, New York, NY</td>
<td>Milton Hamblin, PhD, New Orleans, LA Jean-Pyo Lee, MD, New Orleans, LA</td>
</tr>
<tr>
<td>8:45</td>
<td>The Role of Vascular Amyloid β in the Formation of Microhemorrhages in Cerebral Amyloid Angiopathy [217] Susanne J van Veluw, Massachusetts General Hosp Stroke Res Ctr, Harvard Medical Sch, Boston, MA Steven Greenberg, Massachusetts General Hosp, Boston, MA</td>
<td>Pericytic Laminin Regulates Blood-Brain Barrier Integrity in an Age-Dependent Manner [216] Yao Yao, Univ of Minnesota, Minneapolis, MN Xuanming Zhang, Univ of Minnesota, Minneapolis, MN</td>
</tr>
<tr>
<td>9:21</td>
<td>Analysis of Antihypertensive Treatment of Acute Cerebral Hemorrhage (ATACH) II Trial by as Treated Groups [214] David S Liebeskind, Neurovascular Imaging Research Core, Los Angeles, CA Reza Jahan, UCLA, Los Angeles, CA</td>
<td>The P2x4 Receptor is Required for Neuroprotection via Ischemic Preconditioning [221] Tomohiko Ozaki, Graduate Sch of Med, Osaka Univ, Suita, Japan Toshio Yamashita, Graduate Sch of Med, Osaka Univ, Suita, Japan</td>
</tr>
<tr>
<td>9:57</td>
<td>See the ISC Mobile Meeting Guide app</td>
<td>Angiogenic Imbalance Causes Cerebrovascular Pathological Neovascularization in Diabetics: Role of Pericytes [224] Mohammed Abdelbadeed, Augusta Univ, Augusta, GA Adviye Ergul, Augusta Univ, Augusta, GA</td>
</tr>
</tbody>
</table>

10:09 Discussion | 10:09 Discussion |

Short Break (10:15 am – 10:30 am)
**FRIDAY, FEBRUARY 24 (10:30 am – 12:30 pm)**

<table>
<thead>
<tr>
<th>Session Title</th>
<th>Plenary Session</th>
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<tbody>
<tr>
<td>Session Type</td>
<td>Closing Main Event</td>
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<tr>
<td>Room</td>
<td>Plenary</td>
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<tr>
<td>Moderator(s)</td>
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<tr>
<td></td>
<td>Bruce Ovbiagele, MD, MSc, MAS, FAHA, Charleston, SC</td>
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<td></td>
<td>Miguel A Perez-Pinzon, PhD, FAHA, Miami, FL</td>
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<tr>
<td>10:30 Crossfire Debates</td>
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<td>See ISC Mobile Meeting Guide app or the online ISC Program Planner</td>
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<tr>
<td>11:33 William M Feinberg Lecture</td>
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<td></td>
<td>Bruce Ovbiagele, MD, MSc, MAS, FAHA, Charleston, SC</td>
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<tr>
<td>11:30 Introduction of the William M Feinberg Lecture</td>
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<td></td>
<td>Bruce Ovbiagele, MD, MSc, MAS, FAHA, Charleston, SC</td>
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<tr>
<td>11:53 Randomized Trial of Hemostatic Therapy for ‘Spot Sign’ Positive Intracerebral Hemorrhage: Primary Results From the SPOTLIGHT/STOP-IT Study Collaboration</td>
<td>LB16</td>
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<tr>
<td></td>
<td>David J Gladstone, Univ of Toronto, Toronto, ON, Canada</td>
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<td></td>
<td>Matthew L Flaherty, Univ of Cincinnati, Cincinnati, OH</td>
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<tr>
<td>12:05 Randomized Controlled Trial of Early Versus Delayed Statin Therapy in Patients with Acute Ischemic Stroke</td>
<td>LB17</td>
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<td>Shinichi Yoshimura, Hyogo Coll of Med, Nisnomiya City, Japan</td>
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<tr>
<td></td>
<td>Takeshi Morimoto, Hyogo Coll of Med, Nisnomiya City, Japan</td>
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<tr>
<td>12:17 A Randomized Double-Blind Pilot Study Assessing Vagus Nerve Stimulation (VNS) During Rehabilitation for Improved Upper Limb Motor Function After Stroke</td>
<td>LB18</td>
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<tr>
<td></td>
<td>Jesse Dawson, Univ of Glasgow, Glasgow, United Kingdom</td>
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<tr>
<td></td>
<td>Teresa Kimberley, Univ of Minnesota, Minneapolis, MN</td>
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<tr>
<td>12:29 ISC Program Chair's Closing Remarks</td>
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<tr>
<td></td>
<td>Bruce Ovbiagele, MD, MSc, MAS, FAHA, Charleston, SC</td>
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</tbody>
</table>

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Thank you for attending the International Stroke Conference 2017. Please don’t forget these important dates for the International Stroke Conference 2018, which will take place **JANUARY 24-26**:

**Submit Session Ideas**

Suggested Session Submitter Opens: Monday, Feb 20, 2017  
Suggested Session Submitter Closes: Monday, March 20, 2017

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**Submit Abstracts**

Submission Opens: Wednesday, May 10, 2017  
Submission Closes: Tuesday, Aug 1, 2017

**Submit Late-Breaking Clinical Trials*, Late-Breaking Basic Science, and Ongoing Clinical Trials Abstracts**

Submission Opens: Wednesday, Sept 27, 2017  
Submission Closes: Wednesday, Oct 25, 2017

*There will be a $250 submission fee attached to the Late-Breaking Clinical Trials abstract submissions.

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.

For changes to the program made since the Final Program went to print, please check the online Program/Itinerary Planner located on the ISC Web site at strokeconference.org or the Mobile Meeting Guide app. To download the app, search “AHA Events” in the App Store or Google Play.

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 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 number.
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Catalog **17**

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Poster Hall
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PROFESSOR-LED POSTER TOURS BY CATEGORY: SESSION I

WEDNESDAY, FEBRUARY 22
5:15 PM – 6:15 PM
Hall E

Acute Endovascular Treatment
Moderated Poster Tour I

WMP1 – WMP12

SECTION I

Moderator: Adrian I Qureshi, MD, St Cloud, MN

Poster Board Number MP1 / Presentation Number WMP1

Cost Effectiveness Analysis of Mechanical Thrombectomy: the THRACE Randomized Trial
Hamza Achit, Francis guillemin, Marc Soudant, Kossar Hosseini, Aurelie Bannay, Serge Bracad, CHU Nancy, Nancy, France

Poster Board Number MP2 / Presentation Number WMP2

TREVO 2000: Real-World Experience in the First 1247 Patients
Mandy J Binning, Drexel Neurosciences Inst, Philadelphia, PA; Ronald F Budziki Jr, Riverside Methodist Hosp, Columbus, OH; Blaise W Baxter, Erlanger Health System, Chattanooga, TN; Bruno M Bartolini, La Fondation Rothschild, Paris, France; David S Liebeskind, UC Los Angeles, Los Angeles, CA; Antonin Krajina, Univ Hosp Hradec Kralove, Kralovehradek kraj, Czech Republic; Joey D English, California Pacific Medical Ctr, San Francisco, CA; Christina Maxwell, Erol Veznedarooglu, Drexel Neurosciences Inst, Philadelphia, PA

Poster Board Number MP3 / Presentation Number WMP3

Direct Transfer to Angio-suite to Reduce Door-to-puncture Time in Thrombectomy for Acute Stroke
Marc Ribo, Unitat Neurovascular Hosp, Barcelona, Spain; Alejandro Tomassello, Sandra Boned, Hosp Vall d’Hebron, Barcelona, Spain; Pilar Coscuela, Jesus Juega, Noelia Rodriguez, Unitat Neurovascular Hosp, Barcelona, Spain; Nicolas Romero, David Hernandez, Hosp Vall d’Hebron, Barcelona, Spain; David Rodriguez-Luna, Jorge Pagola, Marlan Muchada, Estela Sanjuan, Carlos Molina, Marta Rubiera, Unitat Neurovascular Hosp, Barcelona, Spain

Poster Board Number MP4 / Presentation Number WMP4

Thrombectomy-only versus Combined Intravenous Alteplase and Thrombectomy: Meta-analysis
Michelle P Lin, Geoffrey P Colby, Rafael H Llanas, Johns Hopkins Univ Sch of Med, Baltimore, MD

Poster Board Number MP5 / Presentation Number WMP5

Clinical and Cost Effectiveness of Rapid Recanalization within 6 Hours Performed by Intraarterial Thrombectomy for Acute Ischemic Stroke Patients
Hye Seon Jeong, Hee Seon Yu, Na Young Yoon, Hae Mi Lee, Jong Wook Shin, Hyon-Jo Kwon, Hyeon-Sang Koh, Hee-Jung Song, Jei Kim, Chungnam Nall Univ Hosp, Daejeon, Korea, Republic of

Poster Board Number MP6 / Presentation Number WMP6

TREATMENT EFFECT OF 3D STENT RETRIEVER WITH ASPIRATION AND ASPIRATION ALONE IN ACUTE ISCHEMIC STROKE
Raul Nogueira, Grady Health System, Atlanta, GA; Donald Frei, Swedish Medical Ctr, Englewood, CO; Ghita Soulimani, Sophia S Kuo, Hope Buell, Elan Muela, Leticia Barraza, Arani Bose, Siu Po Sit, Penumbra, Inc, Alameda, CA; Adnan Siddiqui, SUNY Univ at Buffalo & Kaleida Health, Buffalo, NY, for the Penumbra 3D Investigators

Poster Board Number MP7 / Presentation Number WMP7

Intra-arterial Therapy and Post Treatment Infarct Volumes in the RevascART Randomized Controlled Trial
Fahad S Al-Ajlan, Bijoy K Menon, Univ of Calgary, Calgary, AB, Canada; Maria A de Miquel, Hosp de Belitge, Barcelona, Spain; Monica Milian, Hosp Germans Trias y Pujol, Barcelona, Spain; Luis San Roman, Hosp Clinic de Barcelona, Barcelona, Spain; Andrew M Demchuk, Univ of Calgary, Calgary, AB, Canada; Tudor Jovin, Univ of Pittsburgh, Pittsburgh, PA; Antoni Davares, Hosp Universitari Germans Trias i Pujol, Barcelona, Spain; Mayank Goyal, Univ of Calgary, Calgary, AB, Canada

Poster Board Number MP8 / Presentation Number WMP8

Thin-sliced Reformatted CT Imaging: Validation of a Safer and Faster Technique to Assess Clot Size and Vessel Diameter in Large Vessel Occlusions
Ashish Kulhari, Siddhart Mehta, Venkat Bhaskara, Audrey Z Arango, Laura Suhani, Spozhmy Panezai, Jawad F Kirmani, JFK Medical Ctr, Edison, NJ

PROFESSOR-LED POSTER TOURS AND POSTER SESSIONS

During the ISC 2017 poster sessions, there will be both Professor-Led Poster Tours and Regular Poster Sessions.

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

To be a part of a Poster Tour, please turn to pg 50 (Wednesday) and pg 82 (Thursday) in the Poster Abstracts section of the Final Program and decided which section/category of posters you would like to attend during each of the two Poster Tour Sessions. Five – ten minutes prior to the start time of the Poster Tour Session, simply go to the corresponding 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 57 (Wednesday) and pg 89 (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 22
5:15 PM – 6:45 PM
HALL E

5:15 PM – 6:15 PM
Professor-Led Poster Tours by Category, Session I: Moderated Q&A with Poster Presenters (Hall E)

Moderated Posters WMP1 – WMP120; see pg 50 – pg 56 in the Poster Abstract Index for a complete listing of all the posters in this Wednesday Professor-Led Poster Tour session.

6:15 PM – 6:45 PM
Poster Session I:
One-on-One Time for an Individual Q&A with Poster Presenters (Hall E)

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

Posters WP1 – WP451: see pg 57 – pg 79 in the Poster Abstract Index for a complete listing of all the posters in this Wednesday session.

Late-Breaking Science Posters LBP1 – LBP37: see pg 91 in the Poster Abstract Index for a complete listing of all the Late-Breaking Science posters in this Wednesday session.

THURSDAY, FEBRUARY 23
5:15 PM – 6:45 PM
HALL E

5:15 PM – 6:15 PM
Professor-Led Poster Tours by Category, Session II: Moderated Q&A with Poster Presenters (Hall E)

Moderated Posters TPM1 – TPM121; see pg 82 – pg 89 in the Poster Abstract Index for a complete listing of all the posters in this Thursday Professor-Led Poster Tour session.

6:15 PM – 6:45 PM
Poster Session II:
One-on-One Time for an Individual Q&A with Poster Presenters (Hall E)

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

Posters TP1 – TP449: see pg 89 – pg 111 in the Poster Abstract Index for a complete listing of all the posters in this special Thursday session. These posters contain relevant and important science that was either previously published (print or online) or was previously presented at another meeting prior to the International Stroke Conference 2017.

Ongoing Clinical Trials Posters

PPS1 – PPS4: see pg 111 in the Poster Abstract Index for a complete listing of all the posters in this special Thursday session.

Ongoing Clinical Trials Posters

CTP1 – CTP40: see pg 112 – pg 114 in the Poster Abstract Index for a complete listing of all the Late-Breaking Science Posters in this Thursday session.

For the most current poster moderator and poster information, please check the online Program/Itinerary Planner on the ISC Web site at strokeconference.org and the Mobile Meeting Guide app.
SECTION 5

Moderator: Clinton B Wright, MD, MS, Miami, FL
Poster Board Number MP49 / Presentation Number WMP49

White Matter Hyperintensities in a High Risk Population Living in Marginal Housing (HOTEL study)

Poster Board Number MP50 / Presentation Number WMP50

Decomposition of Ethnic Differences in Stroke Recurrence – The Role of Education and Biological Stroke Risk Factors
Lewis Morganstern, Brisa N Sanchez, Erin Case, Lynda Lisabeth, Univ of Michigan, Ann Arbor, MI

Poster Board Number MP51 / Presentation Number WMP51

Risk and Timing of Ischemic Stroke Following Acute Myocardial Infarction

Poster Board Number MP52 / Presentation Number WMP52

Incidence of Ischemic and Hemorrhagic Stroke Amongst Asians in the United States

Poster Board Number MP53 / Presentation Number WMP53

A Sex-specific Genome-wide Association Study of Ischemic Stroke in The Stroke Genetics Network (SIGN)
Myriam Fornage, Univ of Texas Health Science Ctr at Houston, Houston, TX; Jordi Jimenez-Conde, IMIM Hosp del Mar Medical Res Inst, Barcelona, Spain; Steven J Kittner, Univ of Maryland Medical Ctr, Baltimore, MD; Hugh S Markus, Univ of Cambridge, London, United Kingdom; Braxon Mitchell, Univ of Maryland Medical Ctr, Baltimore, MD; Sara L Pullit, Utrecht Univ, Utrecht, Netherlands; Tatjana Rundek, Univ of Miami Health System, Miami, FL; Sylvia Wasserther-Smotter, Albert Einstein Medical Coll, New York, NY; Stephen R Williams, Univ of Virginia, Charlottesville, VA; Kathryn M Ruxero, Brigham and Women’s Hosp and Harvard Medical Sch, Boston, MA

Poster Board Number MP54 / Presentation Number WMP54

Association Between Arterial Stiffness and All-cause Mortality Among Stroke Survivors in the United States
Michelle F Lin, Johns Hopkins Univ Sch of Med, Baltimore, MD; Bruce Ovbiagele, Medical Univ of South Carolina, Charleston, SC; Rebecca F Gottseman, Johns Hopkins Univ Sch of Med, Baltimore, MD; Nerses Sanossian, Univ of Southern California, Los Angeles, CA; Daniela Markovic, Univ of California Los Angeles, Los Angeles, CA; Amyts Tofighi, Univ of Southern California, Los Angeles, CA

Poster Board Number MP55 / Presentation Number WMP55

Risk Factors and Composite Risk Score for Predicting Stroke After Seeps
Yuefan Shao, Erin Kulick, Columbia Univ, New York, NY; Hooman Kamel, Cornell Univ, New York, NY; Mitchell Elkind, Amelia K Boehme, Columbia Univ, New York, NY

Poster Board Number MP56 / Presentation Number WMP56

Increase in Rate of Utilization of Withdrawal of Care in Acute Ischemic Stroke Patients in USA
Malik M Adil, Richard Zweifler, Ochsner Clinic Fndn, New Orleans, LA
 SECTION 7

Moderator: Luther Creed Pattigrew, MD, Lexington, KY
Poster Board Number MP73 / Presentation Number WMP73
Experimental Mechanisms and Models

Moderated Poster Tour

WMP73 – WMP84

SECTION 8

Moderator: Aneesh Singhal, MD, Boston, MA
Poster Board Number MP85 / Presentation Number WMP85
Intranasal Trans-olfactory Delivery of the Angiotensin Type 2 Receptor Agonist Compound 21 is Neuroprotective in Ischemic Stroke
Douglas M Benson, Jacob D Isenberg, Alex N Chang, Chad H Jones, Justin T Graham, Univ of Florida, Gainesville, FL; Ulrike M Steckelings, Univ of Southern Denmark, Odense, Denmark; Colin Sumners, Univ of Florida, Gainesville, FL

Patient-Centered Outcomes Moderated Poster Tour I

WMP85 – WMP96

Health Services, Quality Improvement, and Patient-Centered Outcomes Moderated Poster Tour I
Acute Endovascular Treatment Posters I  WMP1 – WP34

Poster Board Number P1 / Presentation Number WP1
Thrombectomy Outcomes in Acute Ischemic Stroke due to Middle Cerebral Artery M2 Occlusion with Stent-Retriever, Aspiration, MERCI: Multi-Center Experience
Kunakorn Atchaneyyaasukul, Amir M Malik, Dileep R Vayagal, Univ of Miami Miller Sch of Med, Miami, FL; Mehdi Boualiama, Diogo C Haussmann, Emory Univ Sch of Med, Atlanta, GA; Cynthia L Kenmuit, Ashutosh P Jadhav, Tudor G Jovin, UPMC Stroke Inst, Pittsburgh, PA; Raul G Nogueira, Emory Univ Sch of Med, Atlanta, GA

Poster Board Number P2 / Presentation Number WP2
Anesthesia Technique and Outcomes of Mechanical Thrombectomy in Patients With Acute Ischemic Stroke
Kimon Bekelis, Dartmouth-Hitchcock Medical Ctr, Lebanon, NH; Symeon Missios, Cleveland Clinic, Cleveland, OH; Todd MacKenzie, The Dartmouth Inst for Health Policy and Clinical Practice, Lebanon, NH; Stratoupolou Tjoumakaris, Pascal Jabbour, Thomas Jefferson Univ Hosp, Philadelphia, PA

Poster Board Number P3 / Presentation Number WP3
Occluded Vessel Location is a Predictor of Clinical Outcome in the Natural History of Acute Ischemic Stroke From Large Vessel Occlusion Eligible for Mechanical Thrombectomy
Iris Grunwald, Anglia Ruskin Univ, Cambridge, United Kingdom; Mary Sneade, Univ of Oxford, Oxford, United Kingdom; Birgit Bock, Anglia Ruskin Univ, Cambridge, United Kingdom; Vishal Janardhan, Texas Stroke Inst, Plano, TX; Lynne Ammar, Leticia Barraza, Trisha Slankiewicz, Franco Liang, Sophia Kuo, Hope Buell, Arani Bose, Siu Po Sit, Penumbra, Inc; Alameda, CA; For The FIRST/STING Investigators

Poster Board Number P4 / Presentation Number WP4
Transfer Patients and Patients Presenting Directly to Endovascular Capable Centers Achieve Similar Good Outcome Rates with Endovascular Therapy
Anmol Sarraj, UT Houston, Houston, TX; Erol Veznedaroglu, Drexel Neurosciences Inst, Philadelphia, PA; Ronald F Budzik Jr, Riverside Methodist Hosp, Columbus, OH; Joey D English, California Pacific Medical Ctr, San Francisco, CA; Blaise W Baxter, Erlanger Health System, Chattanooga, TN; Bruno Bartolini, La Fondation Rothschild, Paris, France; David S Liebeskind, UC Los Angeles, Dept of Neurology, Los Angeles, CA; Antonin Krajina, Univ Hosp Hradec Kralove, Hradec Kralove, Czech Republic; Ryan D Shields, Striker Neurovascular, Fremont, CA; Bin Xiang, Prospect Analytical, Inc; San Jose, CA; Raul G Nogueira, Emory Univ, Atlanta, GA; Spinos Blackburn, Christine M Farrell, Sean I Savitz, Louise D McCullough, UT Houston, Houston, TX; Rishi Gupta, Wellstar Kennestone Hosp, Marietta, GA

Poster Board Number P5 / Presentation Number WP5
The Transfer Score May Aid Decisions Whether to Transfer Patients with Large Vessel Occlusions for Endovascular Therapy
Anmol Sarraj, UT Houston, Houston, TX; Erol Veznedaroglu, Drexel Neurosciences Inst, Philadelphia, PA; Ronald F Budzik Jr, Riverside Methodist Hosp, Columbus, OH; Joey D English, California Pacific Medical Ctr, San Francisco, CA; Blaise W Baxter, Erlanger Health System, Chattanooga, TN; Bruno M Bartolini, La Fondation Rothschild, Paris, France; David S Liebeskind, UC Los Angeles, Dept of Neurology, Los Angeles, CA; Antonin Krajina, Univ Hosp Hradec Kralove, Hradec Kralove, Czech Republic; Ryan D Shields, Striker Neurovascular, Fremont, CA; Bin Xiang, Prospect Analytical, Inc; San Jose, CA; Raul G Nogueira, Emory Univ, Atlanta, GA; Rishi Gupta, Wellstar Kennestone Hosp, Marietta, GA; Mark Dannenbaum, Christine M Farrell, Louise D McCullough, Sean I Savitz, UT Houston, Houston, TX

Poster Board Number P6 / Presentation Number WP6
Real-World Data on Reperfusion: Evidence of Good Outcomes in the International Trevo Retriever Registry
David S Liebeskind, Graham W Wooff, Neurovascular Imaging Res Core, Los Angeles, CA; Bin Xiang, Prospect Analytical, Inc; San Jose, CA; Ryan Shields, Striker Neurovascular, Fremont, CA; Erol Veznedaroglu, Drexel Neurosciences Inst, Philadelphia, PA; Joey English, California Pacific Medical Ctr, San Francisco, CA; Blaise W Baxter, Erlanger Health System, Chattanooga, TN; Ronald F Budzik Jr, Riverside Methodist Hosp, Columbus, OH; Bruno M Bartolini, Gh Pitié-Salpêtrière, Paris, France; Antonin Krajina, Univ Hosp Hradec Kralove, Hradec Kralove, Czech Republic; Amrou Sarraj, Memorial Hermann Hosp, Houston, TX; Ana Paula Narata, Univ Hosp of Tours, Tours, France; Tim Miller, Univ of Maryland Medical Ctr, Baltimore, MD; Thomas Grobelny, Advocate Christ Medical Ctr, Oak Lawn, IL; Raul G Nogueira, Emory Univ Sch of Med / Grady Memorial Hosp, Atlanta, GA; Rishi Gupta, Wellstar Kennestone Hosp, Marietta, GA; Ashutosh Jadhav, UPMC Stroke Inst, Pittsburgh, PA; for the Trevo Retriever Registry Investigators

Poster Board Number P7 / Presentation Number WP7
Impact of Stent-Retrievers on Real World Stroke Outcomes Utilizing the National Inpatient Sample
Anil K Behera, Eric Adjei Boakye, Eric Armbrrecht, St Louis Univ Sch of Med, St Louis, MO; Amer Alshekhkhe, SSHM Health DePaul Hosp – St Louis, St Louis, MO; Randall Edgell, St Louis Univ Sch of Med, St Louis, MO

Poster Board Number P8 / Presentation Number WP8
Initial Clinical Experience with the Double Aspiration Modification of the ADAPT Technique
Lagan Chastain, SIU Sch of Med, Springfield, IL; Robert Burke, Casey Muehle, Clinical Radiologists/MMC, Springfield, IL; Fazeel Siddiqui, SIU Sch of Med, Springfield, IL; William E Greer IV, Augusto Elias, Clinical Radiologists/MMC, Springfield, IL

Poster Board Number P9 / Presentation Number WP9
Primary Aspiration Thrombectomy in Acute Ischemic Stroke: A Single-Center Experience
Ganesh Asaiathambi, Amy L Castle, Lana J Stein, Sandra K Hanson, Jeffrey P Lassig, Allina Health-John Nasseff Neuroscience Inst, St Paul, MN

Poster Board Number P10 / Presentation Number WP10
Prolonged Microwasher-based Local Thrombolytic Infusion as a Salvage Treatment for Failed Endovascular Treatment for Cerebral Venous Thrombosis: A Multicenter Registry
Adnan I Quereshi, Mikayel Grigoryan, Gaurav K Gullian, Muhammad A Saleem, Emarah Aytac, Gustavo J Rodriguez, Muhammad F Suri, Zeenat Qureshi Stroke Inst, St Cloud, MN

Poster Board Number P11 / Presentation Number WP11
Tiered Triage Approach Improves Stroke Treatment Times and Reduces Activation Fatigue in Stroke Centers
Angela Hawkins, Karin Olds, Marc Larsen, Coleman Martin, Naveed Akhtar, William Holloway, Saint Luke’s Hosp, Kansas City, MO

Poster Board Number P12 / Presentation Number WP12
Impact of the Introduction of Endovascular Treatment on Acute Ischemic Stroke Therapy in a Rural Broad Region in Japan
Taichiro Imahori, Toyooka Public Hosp, Toyooka-City, Japan

Poster Board Number P14 / Presentation Number WP14
Outcomes after Endovascular Therapy in a Population with Mild Acute Ischemic Stroke and Large Vessel Occlusion: Does Treatment Help?
Donald Frei, RIA, Greenwood Village, CO; Alessandro Orlando, Swedish Medical Ctr, Englewood, CO; Richard Bellon, RIA, Greenwood Village, CO; Jeffrey Wagner, Christopher V Fanale, Juden Jensen, Russell Bartt, Blue Sky Neurology, Englewood, CO; Rebecca van Vliet, Kathryn McCarthy, David Bar-Or, Swedish Medical Ctr, Englewood, CO

Poster Board Number P15 / Presentation Number WP15
Influence of Blood Pressure Parameters within 24-hours of Thrombectomy on Hospital Discharge Outcome
Eva A Mistry, Houston Methodist Hosp, Houston, TX; Asishkumar Mistry, Allina Health-John Nasseff Neuroscience Inst, St Paul, MN

Poster Board Number P16 / Presentation Number WP16
Acute Stroke Treatment and Hemorrhagic Complication in Infective Endocarditis
Prateek Thatikunta, Robert J Marquardt, Sung-Min Cho, Lucy Zhang, Ken Uchino, Dolara Wisco, Cleveland Clinic, Cleveland, OH

Poster Board Number P17 / Presentation Number WP17
Association of Blood Glucose and Clinical Outcome After Mechanical Thrombectomy for Acute Ischemic Stroke
Weston R Gordon, Anil Behera, John Chitnall, Saint Louis Univ, St Louis, MO; Amer Alshekhkhe, Richard C Calisson, SSM DePaul, St Louis, MO; Randall C Edgell, Saint Louis Univ, St Louis, MO
Poster Board Number P54 / Presentation Number WP54
Early MRI Facilitates Stroke Evaluation and Decreases Length of Stay for Ischemic Stroke Patients
Bharti Manwani, Subhendu Rath, Univ of Connecticut Health Ctr, Farmington, CT; Matthew Woodward, Touro Coll of Osteopathic Med, New York, NY; Iiene Staff, Gilbert Fortunato, Hartford Hosp, Hartford, CT; Jahanavi Modak, Christopher Streitz, Univ of Connecticut Health Ctr, Farmington, CT; Pasquale Finelli, Nora Lee, Hartford Hosp, Hartford, CT

Poster Board Number P55 / Presentation Number WP55
Through Thick and Thin: Improved Aspects Grading and Dense Vessel Detection Using Simple Ncct Post-processing
James W Evans, Sadanand Dey, Muneeb Eesa, Prasanna Esarvaradas, Ronda Lun, Mackenzie Hrn, Amnilese Neweduk, Brooklyn Mcdougall, Pooneh Portelli, Calgary Stroke Program, Calgary, AB, Canada; Mahesh V Jayaraman, Ryan A McTaggart, Wajibul Ghafoor Sch of Med at Brown Univ, Providence, RI; Mohamed Najm, Mayank Goyal, Andrew M Demchuk, Bijoy K Menon, Calgary Stroke Program, Calgary, AB, Canada

Poster Board Number P56 / Presentation Number WP56
Impact of Perfusion and Diffusion Lesion Load in the Corticospinal Tract on Response to Reperfusion
Ying Zhou, Ruiling Zhang, Sheng Zhang, Shengqiang Yan, The 2nd Affiliated Hosp of Zhejiang Univ, Sch of Med, Hangzhou, China; Ze Wang, Ctr for Cognition and Brain Disorders, Insts of Neurological Science, Hangzhou Normal Univ, Hangzhou, China; Bruce C V Campbell, Dept of Med and Neurology, Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia; David S Liebeskind, Los Angeles Stroke Ctr, Univ of California, Los Angeles, CA; Min Lou, The 2nd Affiliated Hosp of Zhejiang Univ, Sch of Med, Hangzhou, China

Poster Board Number P57 / Presentation Number WP57
Perfusion Angiography Improves Clinical Outcomes Prediction in Endovascular Stroke Therapy
Sunil A Sheth, Julius Weng, Priscilla McElhinney, Benjamin Quachtran, David S Liebeskind, Jeffrey L Saver, Gary Duckwiler, Fabien Scalzo, Univ of California, Los Angeles, Los Angeles, CA

Poster Board Number P58 / Presentation Number WP58
Correlating Stroke Volume with National Institute of Health Stroke Scale as a Means of Defining Patient Prognosis
Pamela J Zelnick, Liang Zhu, Louise D McCullough, Amrou Sarraj, The McGovern Coll of Med, Houston, TX; for the University Clinical Health Stroke Team

Poster Board Number P59 / Presentation Number WP59
Intraoperative Cbv Measurement for the Treatment of Ischemic Stroke
Ichiro Yuki, Rintaro Tachi, Ayako Ikemura, Toshihiro Ishibashi, The Jikei Univ Hosp, Tokyo, Japan; Chihebeddine Dahmani, Siemens Healthcare, Tokyo, Japan; Yukiyo Abe, Issel Kan, Shogo Kaku, Kengo Nishimura, Yuichi Murayama, The Jikei Univ Hosp, Tokyo, Japan

Poster Board Number P60 / Presentation Number WP60
Evaluation of Tissue Reversibility by Relative Apparent Diffusion Coefficient Value in Acute Ischemic Stroke Patients Treated With Successful Thrombectomy
Toshihiro Ueda, Tatsuro Takada, Shinji Nogoshi, Remy A Takaishi, Tomohide Yoshie, Takayuki Fukano, St Marianna Univ Tokyo Hosp, Kawasaki, Japan

Poster Board Number P61 / Presentation Number WP61
Volumetric Dwi Malignant Profile Assessment in Acute Ischemic Patients With Reperfusion Therapy
Manabu Inoue, Shinichi Wada, Kazutaka Sonoda, Sohei Yoshimura, Shoichi Salto, Mikito Hayakawa, Hiroshi Yamagami, Kazuyuki Nagatsuma, Kazunori Toyoda, Natl Cerebral and Cardiovascular Ctr, Suita City, Osaka, Japan

Poster Board Number P62 / Presentation Number WP62
Infarct Location Predicts Outcome Following Distal Middle Cerebral Artery Occlusion
Muhb A Khan, Neuroscience Inst, Spectrum Health, Grand Rapids, MI; Grayson Baird, Rhode Island Hosp, Providence, RI; Providence, RI; Richard Goddeau, Univ of Massachusetts Medical Sch, Worcester, MA; Brian Silver, Warren Alpert Medical Sch of Brown Univ, Providence, RI; Nils Henninger, Univ of Massachusetts Medical Sch, Worcester, MA

Acute Nonendovascular Treatment Posters I

Poster Board Number P64 / Presentation Number WP64
City-wide Stroke Team in the US Delivers the Highest Intravenous Thrombolysis Treatment Rate
Andrei V Alexandrov, Univ of Tennessee Health Science Ctr, Memphis, TN; Georgios Tsivgoulis, Univ of Tennessee Health Science Ctr, Memphis and Athens, Greece; TN; Katherine Nearing, Marc Malkoff, Univ of Tennessee Health Science Ctr, Memphis, TN; Odysseyas Kargioliotis, Acute Stroke Unit, Piraeus, Greece; E. Jeffrey Metter, Mervat Wahba, Anne W Alexandrov, Lucas Elijovich, Univ of Tennessee Health Science Ctr, Memphis, TN; for the University Clinical Health Stroke Team

Poster Board Number P65 / Presentation Number WP65
Low- Versus Standard-Dose Alteplase for Acute Ischemic Strokes Within 45 Hours: An updated Meta Analysis
Huaguang Zheng, Beijing Tiantian Hosp, Beijing, China; Xu Tong, Hebei Tangshan worker’s Hosp, Tangshan, China; Liping Liu, Zixiao Li, Xiaoling Liao, Wanliang Du, Kehui Dong, Jingjing Lu, Yi Ju, Xingquan Zhao, Zhonghua Yang, Yilong Wang, Beijing Tiantian Hosp, Beijing, China

Poster Board Number P66 / Presentation Number WP66
Unexpected Conformational Change of Platelet Glycoprotein Ib (GPIb) Receptor After rt-PA Treatment of Large Vessel Ischemic Stroke
Qi Da, Pitchaiah Mandava, Miguel Cruz, Perulum Thiagarajan, Thomas A Kent, Baylor Coll of Med, Houston, TX

Poster Board Number P67 / Presentation Number WP67
Ultra-early Institution of Statin Treatment is Associated With Improved Outcomes Among Acute Ischemic Stroke Patients Receiving Thrombolytic Treatment
Adnan I Gureshi, Muhammad A Saleem, Zeenat Gureshi Stroke Inst, St Cloud, MN

Poster Board Number P68 / Presentation Number WP68
Impact on ER Arrival & IV TPA Treatment Times Following Hospital Bypass Protocol Implementation: Northwest Ohio Experience
Julie Sahweher, Promedics Toledo Hosp, Toledo, OH; Theodore Popa, Sharjeel Panjwani, Rami Abdelaziz, Gretchen Tietjen, Mouhammad Jumaa, Syed Zaidi, Univ of Toledo Medical Ctr, Toledo, OH

Poster Board Number P69 / Presentation Number WP69
Reversible Apopter Inhibition of Von Willebrand Factor is a Potent Thrombolytic and Ameliorates Stroke Burden Following Vascular Injury Compared to Recombinant Tissue Plasminogen Activator
David L Dornbos III, Hallie Harris, Surya Grynawa, Debra G Wheeler, Allyson Huttiging, Nicholas Venetos, Spencer Talentin, Hope Vaccaro, Nicholas Musgrave, Cheyenne Jones, Pedro Amaya, Cameron Rink, Jay L Zweier, Chandan K Sen, Shahid M Nimjee, The Ohio State Univ, Columbus, OH

Poster Board Number P70 / Presentation Number WP70
Intravenous Thrombolysis in Stroke-mimics: Is There a Relationship With Door-to-needle Time?
Elisa Campos-Costa, Carmen Labandeira-Guerra, Hosp Vall d’Hebron, Barcelona, Spain; Cristina Martinez-Reglero, Hosp Avaro Cunqueiro, Vigo, Spain; Sandra Boned, Maria Muchada, David Rodriguez-Luna, Noelia Rodriguez-Villatoro, Jesus Juega, Jorge Pagola, Carlos A Molina, Marc Ribó, Marta Rubiera, Hosp Vall d’Hebron, Barcelona, Spain

Poster Board Number P71 / Presentation Number WP71
Early Experience on Intravenous Tissue Plasminogen Activator Delivery in Mobile Stroke Unit Patients With Stroke Mimics
Lisa E Sheikhi, Stacey Winners, Pravin George, Andrew Russman, Zeshaun Khawaja, Ken Uchino, Muhammad S Hussain, Cleveland Clinic, Cleveland, OH; On behalf of the Cleveland Pre-Hospital Acute Stroke Treatment (PHAST) Study Group

Poster Board Number P73 / Presentation Number WP73
Comparison of Clinical Scores for Symptomatic Intracerebral Hemorrhage After Intravenous Thrombolysis
Kazunari Homma, Shunya Takizawa, Youichi Ohnuki, Tokai Univ, Isehara, Japan

Poster Board Number P74 / Presentation Number WP74
Intravenous Thrombolysis for Acute Ischemic Stroke in Patients Taking Warfarin with Subtherapeutic INR
Aurangzeb Memon, Navdeep Lail, Haris Kamal, Annemarie Crumlish, Marilou Ching, Robert N Sawyer, Ashkan Mowla, State Univ of New York at Buffalo, Buffalo, NY
Poster Board Number P77 / Presentation Number WP77
Comparison of Pipeline Embolization Device With Conventional Endovascular Procedures for the Treatment of Carotid Cavernous Aneurysms
N Ajiboye, Jefferson, Philadelphia, PA

Poster Board Number P79 / Presentation Number WP79
Demographic Comparison of Intracranial and Abdominal Aortic Aneurysm Patients
Blake L Rosenberg, UVA Hosp, Charlottesville, VA; Nicole A Chista-McCollum, UVA Hosp, Charlottesville, VA; Claire McKinley, UVA, Charlottesville, VA; Julia K Krupa, UVA Hosp, Charlottesville, VA; James F Meschia, Kevin M Barrett, Mayo Clinic, Rochester, Minnesota; Claire McKinley, UVA, Charlottesville, VA

Poster Board Number P80 / Presentation Number WP80
Efficacy of Coiling Versus Clipping for Posterior Communicating Aneurysm: A Systematic Review and Meta-analysis
Ou Siqi, Liang Feng, Li Fanying, Yang Yibing, Qi Tiewei, First Affiliated Hosp, Sun Yat-sen Univ, Guangzhou City, People’s Republic of China, Guangzhou, China

Poster Board Number P81 / Presentation Number WP81
Prediction of Cerebral Aneurysm Growth Using Original Magnetic Resonance Imaging-based Computational Fluid Dynamics Tool
Hidehito Kimura, Kobe Univ Graduate Sch of Med, Kobe, Japan; Koosuke Hayashi, Kobe Univ Graduate Sch of Engineering, Kobe, Japan; Kohei Kinosaki, Kobe Univ Graduate Sch of Engineering, Kobe, Japan; Atsushi Tsuchiyama, Kobe Univ Graduate Sch of Engineering, Kobe, Japan

Poster Board Number P82 / Presentation Number WP82
Transcranial Doppler Detection of Microembolic Signals During the Advancement and Deployment of Pipeline Embolization Devices in Unruptured Intracranial Aneurysm Repair
Andres Hughes, Mark J Dinnenbaum, Peng P Chen, Arthur L Day, Huimahn A Choi, Dong H Kim, Spros L Blackburn, McGovern Medical Sch at UTHealth, Houston, TX

Poster Board Number P83 / Presentation Number WP83
Wall Shear Stress Strength Over the Cerebral Aneurysm is Drastically Affected by Aneurysm Location While the Magnitude of Disturbed Flow is Closely Related to Aneurysm Size and Surface Area
Shunichi Fukuda, Kyoto Medical Ctr, Kyoto, Japan; Yui Shimogonya, Tohoku Univ, Sendai, Japan

Poster Board Number P84 / Presentation Number WP84
Obstructive Sleep Apnea May Worsen the Overall Outcome of Intracranial Aneurysms
Shyamal Bir, Anil Nanda, Hugo Cuellar, Hai Sun, Cesar Liendo, Alireza Minagar, Oleg Chernyshyev, LSU Health Sciences Ctr, Shreveport, LA

Poster Board Number P85 / Presentation Number WP85
Flow-diverter Embolization for Tandem Intracranial Aneurysms: A Single Center Experience
Russell Cerjeo, Seby John, Andrew Bauer, Mark Bain, Thomas Masaryk, Muhammad S Hussain, Gabor Toth, Cleveland Clinic, Cleveland, OH

Poster Board Number P86 / Presentation Number WP86
Early Detection of Aneurysm Growth by Volume and Surface Area Analysis Using 3D Modeling From CT Angiography
Hajime Yokota, Aichi Chien, Emiko Morimoto, Takashi Abe, Pablo Villablanca, Noriko Salamon, David Geffen Sch of Med at UCLA, Los Angeles, CA

Poster Board Number P87 / Presentation Number WP87
Related Factors to Growth of Intracranial Aneurysm: Time Course Analysis
Hajime Yokota, Aichi Chien, Emiko Morimoto, Takashi Abe, Pablo Villablanca, Noriko Salamon, David Geffen Sch of Med at UCLA, Los Angeles, CA

Poster Board Number P88 / Presentation Number WP88
Relationship Between Aneurysm Size and Distal Cerebral Hemodynamics
Ahmed E Hussein, Denise Brunozzi, Sophia F Shakti, Fady T Charbel, Ali Araji, Univ of Illinois at Chicago, Chicago, IL

Poster Board Number P89 / Presentation Number WP89
Preliminary Single-center Experience with Neuroform Atlas Stent-assisted Coiling for Unruptured Intracranial Aneurysms
Gabriele Cicicco’, Stanislas Smajda, Thomas Robert, Raphael Blanc, Hocine Redjem, Hidesato Takezawa, Payam Sasanenejad, Michel Plotin, Fondation A Rothschild, Paris, France

Poster Board Number P90 / Presentation Number WP90
The Role of Haemodynamics in a Bifurcation Vessel Narrowing or Occlusion After Aneurysm Treatment with Flow Diverter Stents
Ana Paula Narada, Univ Hosp of Tours, Tours, France; Fernando Silva, Univ Federal do ABC, Sao Paulo, Brazil; Ignacio Larrabide, Univ Nacional del Cdr de la Provincia de Buenos Aires, Tandil, Argentina; Cecile Perrault, Univ of Sheffield, Sheffield, United Kingdom; Charles Sennoga, Univ Francois-Rabelais, Tours, France; Alberto Marzo, Univ of Sheffield, Tours, United Kingdom

Poster Board Number P91 / Presentation Number WP91
Long-term Risk of Stroke after Stent-Assisted Coiling of Unruptured Intracranial Aneurysms

Poster Board Number P92 / Presentation Number WP92
Risk Factors for Thrombotic Events in the Endovascular Treatment of Ruptured Cerebral Aneurysms
Ali Sultan-Quraie, Medical Coll of Wisconsin, Milwaukee, WI; Adam de Havenon, Univ of Utah, Salt Lake City, UT; John Lynch, Medical Coll of Wisconsin, Milwaukee, WI; David Tirschwell, Univ of Washington, Seattle, WA; Marc Lazzaro, Brian Fred-Fitzsimmons, Medical Coll of Wisconsin, Milwaukee, WI

Poster Board Number P94 / Presentation Number WP94
Emphysema: A Potential Risk Factor for Ruptured Cerebral and Aortic Aneurysms

Poster Board Number P95 / Presentation Number WP95
Splenectomy Protects Aged Mice From Cerebral Injury in the Experimental Stroke Model
Anjali Chauhan, Meaghan Roy-O’Reilly, Abdullah Mamun, Nia Harris, Javiera Bravo-Alegria, Louise McCullough, Univ of Texas health Science Ctr, Houston, TX

Poster Board Number P96 / Presentation Number WP96
The Histone Deacetylase Inhibitor, Sodium Butyrate, Exhibits Biphasic Neurprotective Mechanisms in the Acute Phase of Ischemic Stroke in Middle-Aged Female Rats
Min Jung Park, Farida Sohrabji, Texas A&M Health Science Ctr, Bryan, TX
Poster Board Number P97 / Presentation Number WP97
Semaphorin3A May Regulate Axonal Regeneration and Guidance in Ischemic Rat Brains
Kenichiro Hira, Yuji Ueno, Nobukazu Miyamoto, Kazuo Yamashiro, Ryota Tanaka, Takao Urabe, Nobukatsu Hattori, Juntendo Univ Sch of Med, Tokyo, Japan

Poster Board Number P98 / Presentation Number WP98
Role of Hydrogen Peroxide in Preconditioning of Microglia to Achieve Improved Hematoma Cleanup After ICH
Xurong Zhao, Guanghua Sun, Shun-Ming Ting, Jaroslav Aronowski, Univ of Texas Health Science Ctr, Houston, TX

Poster Board Number P99 / Presentation Number WP99
Neuroprotective Therapy for Ischemia-Reperfusion Injury by Hemoglobin-albumin-cluster (Hemoact™)
Teruyuki Komatsu, Ryousuke Funaki, Chuo Univ, Tokyo, Japan; Kota Kurisu, Naoki Nakayama, Ken Kazumata, Hideo Shichinohe, Kiyohiro Houkin, Hokkaido Univ Sch of Med, Sapporo, Japan

Poster Board Number P100 / Presentation Number WP100
Vitamin D Deficiency Induced Alteration in Blood Brain Barrier Following Stroke in Rats
Bushra Wali, Iqbal Sayeed, Donald G Stein, Emory Univ, Atlanta, GA

Poster Board Number P101 / Presentation Number WP101
Hypoxia Drives Anti-Inflammatory Polarization of Microglia in Ischemic Stroke
Edward C Koeffelhoffer, John d’Aigle, Louise D McCulloch, McGovern Medical Sch, Houston, TX

Poster Board Number P102 / Presentation Number WP102
Retrograde Neurodegeneration of Substantia Nigra Projections to the Striatum Following Long Term Survival After Ischemic Stroke
Aditya Panta, Farida Sohrabji, Texas A&M Health Science Ctr, Bryan, TX

Poster Board Number P103 / Presentation Number WP103
ABCA1/HDL Signaling Pathway Mediates White Matter Remodeling and Improves Functional Outcome After Stroke
Rongwen Li, Michael Chopp, Joie Chen, Alex Zacharek, fengjie Wang, Julie Landschoot-Ward, Xu Gui, Henry Ford Hosp, Detroit, MI

Poster Board Number P105 / Presentation Number WP105
Tissue Plasminogen Activator (tPA) is Essential for Functional Recovery After Stroke by Promoting Axonal Outgrowth
Shupei Ma, Univ of Pittsburgh, Pittsburgh, PA

Poster Board Number P106 / Presentation Number WP106
Attenuation of Stroke Damage by Angiotensin II Type 2 Receptor Stimulation via Peroxisome Proliferator-Activated Receptor-gamma Activation
Bao-Shuai Shan, Dept of Mol Cardiovasc Biol & Pharmacol Ehime Univ, Grad Sch of Med, Tohon, Japan; Masaki Mogi, Jun Iwanami, Hui-Yu Bai, Masayoshi Kukida, Toshihiro Yamauchi, Akihito Higaki, Li-Juan Min, Masatsugu Horuchi, Dept of Mol Cardiovasc Biol & Pharmacol Ehime Univ, Grad Sch of Med, Tohon, Japan

Poster Board Number P107 / Presentation Number WP107
Igf-1-mediated Neuroprotection for Ischemic Stroke is Preceded by Its Actions at the Endothelial Cell Barrier
Shameena Bake, Andre Okoroee, Farida Sohrabji, Texas A&M Health Science Ctr, Bryan, TX

Poster Board Number P108 / Presentation Number WP108
Astrocyte-specific aAV-mediated Insulin-like Growth Factor-1 Expression in Aging Female Rats Alters Stroke-induced Brain Immune Profile and Reduces Motor Impairment
Andre K Okoroee, Shameena Bake, Farida Sohrabji, Texas A&M Health Science Ctr, Bryan, TX

Poster Board Number P109 / Presentation Number WP109
Subacute Intranasal Administration of Tissue Plasminogen Activator Increases Corticospinal Tract Plasticity and Functional Recovery After Stroke in Mice
Jian-Yong Qian, Michael Chopp, Ning Chen, Zhongwu Liu, Henry Ford Hosp, Detroit, MI

Poster Board Number P110 / Presentation Number WP110
Identification and Validation of a Unique Mirna Target Mr-141-3p in Post Stroke Socially Isolated Aged Mice
Rajkumar Verma, UCDNIN Health, Farmington, CT; Louise D McCulloch, Univ of Texas Health Science Ctr, Houston, TX

Poster Board Number P111 / Presentation Number WP111
Diffusion Tensor Imaging of Corticospinal Tract Recovery After Intra-arterial Mesenchymal Stem Cell Infusion in a Canine Stroke Model
Luis Guada, Kunakorn Atchanseeyasakul, Pradip Pattany, Gaurav Saigal, Kevin Ramdas, Mitsuyoshi Watanabe, Dileep Yavagal, Univ of Miami, MIAMI, FL

Poster Board Number P112 / Presentation Number WP112
Residual Damage is Reduced Following Human Umbilical Tissue Derived Cell Infusion in a Non-human Primate Model of Cortical Injury
Mary E Orzyckowskii, Eili Shobin, Samantha M Calderazzo, Boston Univ Sch of Med, Boston, MA; Brian C Kramer, Janssen Scientific Affairs, LLC, Horsham, PA; Farzad Mortazavi, Douglas L Rosene, Tara L Moore, Boston Univ Sch of Med, Boston, MA

Poster Board Number P113 / Presentation Number WP113
Induced Pluripotent Stem Cells Derived Neurons Ideally Serve as a Human Stroke Model of Neuronal Damage and Neuroprotective Intervention
Musthraquddin Khan, Tajinder S Dharmu, Mauhamad Baarre, Medical Univ of South Carolina, Charleston, SC; Avtar K Singh, Ralph H Johnson VA Medical Ctr, Charleston, SC; Inderjit Singh, Medical Univ of South Carolina, Charleston, SC

Poster Board Number P114 / Presentation Number WP114
High-fat Diet Leads to Increased Brain Inflammation and Worse Outcomes After Stroke in Mice
Todd C Peterson, Kendra Lechtenberg, Ishan Ayyalasomayajula, Iris Montes, Marion Buckwalter, Stanford Univ, Palo Alto, CA

Poster Board Number P115 / Presentation Number WP115
Transplanted Induced Neural Stem Cells Differentiate and Integrate Into the Brain Parenchyma of Ischemic Stroke Pigs Leading to Improved Tissue Recovery
Emily W Baker, Simon R Platt, Shannon P Holmes, Univ of Georgia, Athens, GA; Liya Wang, Emory Univ, Atlanta, GA; Vivian W Lau, Harrison E Grace, Holly A Kinder, Elizabeth W Hewerth, Kylee Jo J Duberstein, Steven L Stice, Univ of Georgia, Athens, GA; David C Hess, Augusta Univ, Augusta, GA; Hui Mao, Emory Univ, Atlanta, GA; Franklin D West, Univ of Georgia, Athens, GA

Poster Board Number P116 / Presentation Number WP116
Combined AICAR and G505156 Therapy Promotes Motor Recovery After Photothermotropic Stroke in Mice
Abdullah Al Shoyaib, Faisal F Alamri, Srinidhi Jayaraman, Vardan T Karamyan, Sch of Pharmacy, TTUHSC, Amarillo, TX

Poster Board Number P117 / Presentation Number WP117
High-dimensional Analysis of Inflammatory Cells in Ischemic Stroke Mice
Yaning Li, Tao Tao, Heng Zhao, Stanford Univ, Palo Alto, CA

Poster Board Number P118 / Presentation Number WP118
Docosahexaenoic Acid Provides Neuroprotection by Increasing Neurogenesis After Experimental Stroke
Nicolás G Bazan, Larissa Khouturova, Sung-Ha Hong, Hemant Menghani, Ludmila Belayev, Louisiana State Univ, New Orleans, LA

Poster Board Number P119 / Presentation Number WP119
Transcriptome Analysis of Motor Cortex Network Responses in Spontaneously Recovered Stroke Mice
Masaki Ito, Markus Aswendt, Michelle Y Cheng, Alex G Lee, Shunsuke Ishizaka, recovered Stroke Mice

Poster Board Number P120 / Presentation Number WP120
MicroRNA Expression in Patients With Acute Ischemic Stroke
Jainhavi M Modak, Beth Israel Deaconess Medical Ctr, Boston, MA; Meaghan A Roy-O’Reilly, Univ of Texas Health Science Ctr at Houston, Houston, TX; Sarah E Conway, Brigham and Women’s Hosp, Boston, MA; Liang Zhu, Louise D McCulloch, Univ of Texas Health Science Ctr at Houston, Houston, TX
Poster Board Number P141 / Presentation Number WP141
Genetic Polymorphisms Influence Carotid Atherosclerosis
Eugenia Arias, Horacio Martinetto, Naomi Arakaki, Gustavo E Selever, Sebastian F Amerio, Fleni, Capital Federal, Argentina

Poster Board Number P142 / Presentation Number WP142
Intravenous Tissue Plasminogen Activator for Patients with Mild and Rapidly Improving Ischemic Strokes and Large Vessel Occlusions: Examining In-hospital Outcomes
Jeffrey Wagner, Constance McGraw, Kathryn McCarthy, Judd Jensen, Alessandro Orlando, David Bar-Or, Russell Bartt. Swedish Medical Ctr, Englewood, CO

Poster Board Number P143 / Presentation Number WP143
Intensive Lipid-Lowering Therapy Ameliorating Asymptomatic Intracranial Atherosclerosis
Xiu-Hai Guo, Dept of Neurology, Beijing, China; Qi Yang, Dept of Radiology, Beijing, China; Yu-Jiao Yang, Ming Ren, Xin-Ming Ji, Dept of Neurology, Beijing, China

Poster Board Number P144 / Presentation Number WP144
Ultrasound Criteria for Assessment of Vertebral Artery Origins
Cory Rice, Tamara Strohm, Larry Raber, Irene Katsan, Muhammad Shazam Hussain, Ken Uchino, The Cleveland Clinic Fndn, Cleveland, OH

Poster Board Number P145 / Presentation Number WP145
Presence of Vasa Vasorum Neovascularization on Optical Frequency Domain Imaging Predicts Progression of Carotid Artery Stenosis
Masatomo Miura, KyoYumi Yamada, Takuya Kanamaru, Kazukata Uchida, Manabu Shirakawa, Shinichi Yoshimura, Hyogo Coll of Med, Hyogo, Japan

Poster Board Number P146 / Presentation Number WP146
Outcomes of Carotid Endarterectomy Following the CMS Reimbursement Guidelines
Aaws Alawi, Columbus Univ Medical Ctr, New York, NY; Firas Al Shackari, Amer Alshekhlee, Saint Louis Univ, Saint Louis, MO

Poster Board Number P147 / Presentation Number WP147
Carotid Endarterectomy and Concurrent Clopidogrel Use: US National Practice Patterns
Eva A.Mytrry, Houston Methodist Hosp, Houston, TX; Jane Khoury, Cincinnati Children’s Medical Ctr, Cincinnati, OH; Dawn Kleindorfer, Univ of Cincinnati Coll of Med, Cincinnati, OH

Poster Board Number P148 / Presentation Number WP148
Basilar Artery Displacement is Associated with Migraine with Aura
Cen Zhang, NYU Langone Medical Ctr, New York, NY; Brett L Cucchiara, John Detre, Hosp of the Univ of Pennsylvania, Philadelphia, PA

Poster Board Number P150 / Presentation Number WP150
BeamSAT MRI Help to Identify Patients at Risk for Intolerance to Temporary Internal Carotid Artery Occlusion During CEA and CAS
Jun Tanaka, Kohkichi Hosoda, Yusuke Yamamoto, Taichiro Imahori, Asushi Fujita, Masaaki Kohta, Daisuke Yamamoto, Tomoaki Nakai, Eiji Kohmura, Kobe Univ Graduate Sch of Med, Kobe, Japan

Poster Board Number P151 / Presentation Number WP151
Genetic Variant RNF213 Is Non-MMD Intracranial Major Artery Stenosis/Occlusion in Chinese Han Population and HR-MRI Findings
Sufang Xue, Wiying Cheng, Wangqian Wang, Haiping Song, Xuandui Hosp of Capital Medical Univ, Beijing, China; Wuwei(Wayne) Feng, Grace Obiageli, Coll of Med, Medical Univ of South Carolina, Charleston, SC

Poster Board Number P152 / Presentation Number WP152
Collateral Circulation Alters Downstream Hemodynamic Stress Caused by Intracranial Atherosclerotic Stenosis
Xin Liu, Yuehua Pu, Zhongrong Miao, Yilong Wang, Liping Liu, Yongjun Wang, Beijing Tiantan Hosp, Capital Medical Univ, Beijing, China

Poster Board Number P153 / Presentation Number WP153
Severe Obstructive Sleep Apnea is Associated With Presence of Intracranial Cerebral Atherosclerosis
Ta-Jin Song, Yoonkyung Chang, Yong-Jae Kim, Hyang Woon Lee, Ewha Womans Univ Sch of Med, Seoul, Korea, Republic of

Clinical Rehabilitation and Recovery Posters I

Poster Board Number P154 / Presentation Number WP154
Forced- and Voluntary-Rate Aerobic Exercise Training Improve Cardiovascular Function in Individuals With Chronic Stroke
Susan Linder, Anson Rosenfeldt, Andrew Bazyk, John Lee, Marcus Blohm, Amanda Penko, Jay Alberts, Cleveland Clinic, Cleveland, OH

Poster Board Number P155 / Presentation Number WP155
Is Erectile Dysfunction More Frequent Among Men with History of Stroke: Analysis of National Health and Nutrition Examination Surveys 2001 to 2004
Adnan I Qureshi, Sher Afgan, Muhammad A Saleem, Zeenat Qureshi Stroke Inst, St Cloud, MN

Poster Board Number P156 / Presentation Number WP156
Therapy-related Structural Plasticity of Temporal White Matter is Related to Neuroimaging Recovery in Aphasia
Emilie McKinnon, Russell Glenn, Ashley Wabnitz, Jens Jensen, Joseph Helpern, Leonardo Bonilha, Medical Univ of South Carolina, Charleston, SC; Julius Fridriksson, Univ of South Carolina, Columbia, SC

Poster Board Number P157 / Presentation Number WP157
Sympathetic and Cerebrovascular Responses to Blood Flow Restriction Resistance Exercise: A Potential Parallel to Remote Ischemic Preconditioning?
Justin D Sprick, Hannah B Colby, Caroline A Rickards, Univ of North Texas Health Science Ctr, Fort Worth, TX

Poster Board Number P159 / Presentation Number WP159
Effects of Gender on Sleep Alterations After Stroke
Grace S Griesbach, Ctr for Neuro Skills, Encino, CA; Sarah K Finley, Jennifer Williams, Ctr for Neuro Skills, Irving, TX; David Harrington, Ctr for Neuro Skills, Bakersfield, CA

Poster Board Number P160 / Presentation Number WP160
Delirium in Right Hemisphere Stroke
Sara K Rostanski, Marykay A Pavol, Marissa Barbaro, Minji Kim, Randolph S Marshall, Columbia Univ, New York, NY; A M Barrett, Kessler Fndn, West Orange, NJ

Poster Board Number P161 / Presentation Number WP161
Early Short Physical Performance Battery (SPPB) Score Can Predict Functional Independence and Death for Acute Stroke
Ken-ichi Kumagae, Kohta Yamauchi, Risa Hagiyara, Yasuhiro Koyanagi, Shuji Arakawa, Steel Memorial Yayawa Hosp, Kitakyushu, Japan; Shigeru Fujimoto, Jichi Medical Univ, Shimotsuke, Japan; Satoshi Suzuki, Fukuoka Kieikai Hosp, Fukuoka, Japan

Poster Board Number P162 / Presentation Number WP162
Work Performance Questionnaire After Returning to Work in Ischemic Stroke Survivors: The Work Performance Survey
Miguel A Barboza, Luis C Becerra, Fabiola E Serrano, Antonio Arauz, Insto Nacional de Neurología y Neurocirugía, Manuel Velasco Suárez, México DF, Mexico

Poster Board Number P163 / Presentation Number WP163
Post-stroke Aphasia Severity is Determined by the Disorganization of Residual White Matter Networks
Barbara K Marebwa, Medical Univ of South Carolina, Charleston, SC; Julius Fridriksson, Grigoriy Yurganov, Univ of South Carolina, Columbia, SC; Lynda Feenaughty, Medical Univ of South Carolina, Charleston, SC; Leonardo Bonilha, Medical Univ of South Carolina, Charleston, SC

Poster Board Number P164 / Presentation Number WP164
Paging Dr Lasagna: Why Early Inpatient Rehab Trial Recruitment Rate is in Single Digits
Shashwati Geed, Margot L Giannetti, Jessica Barth, Kathaleen P Brady, Claire P Wilson, MedStar Natl Rehabilitation Hosp, Washington, DC; Dorothy F Edwards, Univ of Wisconsin Madison, Madison, WI; Alexander W Dormerick, MedStar Natl Rehabilitation Hosp, Washington, DC

Poster Board Number P165 / Presentation Number WP165
Mexican Americans Receive Less Intensive Stroke Rehabilitation Than non Hispanic Whites
Lewis B Morgenstern, Emma Sais, Univ of Michigan, Ann Arbor, MI; Michael Fuentes, Corpus Christi PM&R Physician, Corpus Christi, TX; Nneka Ifejika, Univ of Texas, Houston, TX; Xiaqing Jiang, Univ of Michigan, Ann Arbor, MI; Susan Horn, Univ of Utah, Salt Lake City, UT; Lynda Lisabeth, Univ of Michigan, Ann Arbor, MI
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<td>Dietary Nitrate Supplements and Ischemic Stroke Recovery: A Pilot Study</td>
<td>Cheryl Bushnell, Daniel Beavers, Wake Forest Sch Med of Winston Salem, NC; Gary Miller, Wake Forest Univ, Winston Salem, NC; Susan Reeves, Pamela Duncan, Wake Forest Sch Med of Winston Salem, NC; Swati Basu, Daniel Kim-Shapiro, Wake Forest Univ, Winston Salem, NC</td>
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<td>Timed Up and Go Test With an Obstacle (TUG6): Reliability and Its Association With Motor Functions in People With Chronic Stroke</td>
<td>Shamay S Ng, The Hong Kong Polytechnic Univ, Hong Kong, Hong Kong</td>
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<td>Neutrophil to Lymphocyte Ratio is a Useful Predictor of Short-term Functional Outcome in Patients With Acute Ischemic Stroke</td>
<td>Tang Jun Kim, Min-Kyung Kang, Kiwoong Nam, Heejung Jo, Sang Joon An, Sang-Bae Ko, Byung-Woo Yoon, Seoul Natl Univ Hosp, Seoul, Korea, Republic of Korea</td>
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<td>Patients With Aphasia Demonstrate Variability in Regional Functional Recruitment in Correct Naming Test</td>
<td>Ashley Wabnitz, Barbara Marebwa, Medical Univ of South Carolina, Charleston, SC; Alexandra Basilakos, Chris Rorden, Julius Fridriksson, Univ of South Carolina, Columbia, SC; Leonardo Bonilha, Medical Univ of South Carolina, Charleston, SC</td>
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<td>Identifying the “New Norm” of Cardiac Rehabilitation after Stroke</td>
<td>Elaine T Miller, Kari Dunning, Dustyn Whitesel, Amber Deinlein, Brett Kissela, Pierce Boyne, Tony Savicki, Myron Gerson, Sarah Couch, Joel Tsivat, Univ of Cincinnati, Cincinnati, OH; Richard Ittenbach, Cincinnati Children's Medical Ctr, Cincinnati, OH; Kathleen Ballman, Univ of Cincinnati, Cincinnati, OH; Theresa Faulkner, Cincinnati Children's Medical Ctr, Cincinnati, OH; Thomas McCormack, Univ of Cincinnati, Cincinnati, OH</td>
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<tr>
<td>Female Sex Hormones and Post Acute Stroke Outcome</td>
<td>Jessica Ashley, Charan Singh, Grace S Griesbach, Ctr for Neuro Skills, Encino, CA</td>
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<td>Increased Prevalence of Early Post Stroke Depression Among Single Women</td>
<td>Dana Sugar, Wayne State Univ Sch of Med, Detroit, MI; Phillip Kucab, Detroit Medical Ctr, Detroit, MI; Ramesh Madhavan, Pratik Bhattacharya, Saint Joseph Mercy Oakland, Pontiac, MI</td>
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<td>Women Have More Severe Post-Stroke Fatigue Than Men</td>
<td>Clotilde Balucani, Jonathan Singer, Dimitre Stefanov, Nadгеe Gilles, Alison Huang, Jack Miabasati, Douglas Halchett, Gregory Toy, Sarah Weingast, Steven R Levine, State Univ of New York, SUNY, Downstate Medical Ctr, Brooklyn, NY</td>
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<tr>
<td>Intensive Phonology Treatment Promotes Recovery in Reading in Chronic Aphasia Post Stroke</td>
<td>Shilpa Shampargant, Sarah Bennett, Austin Speech Labs, Austin, TX</td>
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<td>Attitudes to Stem Cell-based Treatments Among Ischemic Stroke Patients</td>
<td>Joseph Aked, Hossein Delavaran, Olle Lindvall, Bo Norrving, Zaal Kokaia, Arne Lindgren, Lund Univ, Lund, Sweden</td>
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<td>Assessing Genome-wide Associations With Ischemic Stroke Using Alternate Definitions of Stroke Subtypes: The SIGN Study</td>
<td>Sara Pulit, Univ Medical Ctr Utrecht, Utrecht, Netherlands; Hakun Ay, Massachusetts General Hosp, Boston, MA; Robert D Brown Jr, Mayo Clinic, Rochester, MN; Dale M Gamble, Mayo Clinic, Jacksonville, FL; Steven J Kittner, Patrick M McArth, UMD Sch of Med, Baltimore, MD; James F Meschia, Mayo Clinic, Jacksonville, FL; Bradford B Worrall, UVA Health System, Charlottesville, VA; for the NINDS-SIGN Investigators</td>
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<td>Retinal Nerve Fiber Layer Thickness and Risk Factors of Stroke</td>
<td>Dandan Wang, Beijing TianTan Hosp, Beijing, China; Yang Li, Beijing Tongren Hosp, Beijing, China; Yong Zhou, Beijing TianTan Hosp, Beijing, China; Shouling Wu, KaIhua Hosp, Tangshan, China; Wenbin Wei, Beijing Tongren Hosp, Beijing, China; Xingquan Zhao, Beijing TianTan Hosp, Beijing, China</td>
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<tr>
<td>Combining Novel with Traditional Risk Factors Improves Stroke Prediction in Older Americans: A Systematic Review</td>
<td>Jack Miabasati, Drexel Univ Coll of Med, Philadelphia, PA; Jonathan Singer, SUNY Downstate Med Ctr, Brooklyn, NY; Alyssa Conigliaro, Kings County Hosp Ctr, Brooklyn, NY; Prad Selvan, Steven Levine, SUNY Downstate Med Ctr, Brooklyn, NY</td>
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<td>Rural-Urban Differences in Stroke Incidence, Mortality and Risk Factor Prevalence in Ontario</td>
<td>Geerthana Jeyakumar, McMaster Univ, Hamilton, ON, Canada; Jack V Tu, Peter C Austin, Ruth Hall, Univ of Toronto, Toronto, ON, Canada; Albert Jin, Queen's Univ, Kingston, ON, Canada; Doug Manuel, Univ of Ottawa, Ottawa, ON, Canada; Frank L Silver, Rick Swartz, Univ of Toronto, ON, Canada; Anna Chu, Anam M Khan, Inst for Clinical Evaluative Sciences, Toronto, ON, Canada; Moira K Kapral, Univ of Toronto, ON, Canada</td>
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<td>Timing of Percutaneous Endoscopic Gastrostomy (PEG) for Acute Ischemic Stroke Inpatients in the United States</td>
<td>George P Albert, Univ of Rochester Coll of Arts and Sciences, Rochester, NY; Benjamin P George, Adam G Kelly, Univ of Rochester Medical Ctr, Rochester, NY; David Y Hwang, Yale Sch of Med, New Haven, CT; Robert G Holloway, Univ of Rochester Medical Ctr, Rochester, NY</td>
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<td>Trends in Acute Ischemic Stroke Hospitalizations and Risk Factors Among Young Adults: 12 Years of Nationally Representative Data</td>
<td>Urvi Oh Patel, Prith Poojary, Icahn Sch of Med at Mount Sinai, New York, NY; Vishal Jani, Creighton Univ, Omaha, NE; Mandip S Dhamoon, Icahn Sch of Med at Mount Sinai, New York, NY</td>
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<td>Spontaneous Echo Contrast is Associated With Larger Cerebral Infarction Volume in Stroke Patients With Atrial Fibrillation</td>
<td>Jooonju Yang, Heo, Kyungsuk Kim, Joongsang Yoo, Huy Suk Nam, Ji Hoe Heo, Yongseul Kim, Univ of Medicine, Seoul, Korea, Republic of Korea</td>
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<td>Differential Risk of Embolic Stroke Among Stroke Free Community Dwellers With Distinct Categories of Subcortical Infarct</td>
<td>Jose Gutierrez, Erin R Killick, Maria Santiago, Tatjana Rundeck, Columbia Univ, New York, NY; Ralph Sacco, Clinton Wright, Univ of Miami, Miami, FL; Mitchell Elkind, Columbia Univ, New York, FL</td>
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<td>Stroke Pre And Post Cardiac Events: A Predictive Or A Prognostic Factor!</td>
<td>Weseam A Abhejli, Mohammed Almekhlafi, King Abdulaziz Univ, Jeddah, Saudi Arabia</td>
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<td>Subclinical Macro and Microvascular Disease in Stroke-free Subjects With Nonsustained Atrial Fibrillation</td>
<td>Ezgi Yetim, Ethem Murat Asara, Ugur Campolat, Rahsan Gocmen, Kader K Oguz, Necla Ozer, Kudret Aytemir, Mehmet Akif Topcuoglu, Hacettepe Univ Faculty of Med, Ankara, Turkey</td>
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<td>A Damage-Associated Molecular Pattern (DAMP) and Neutrophil Count are Associated with Plasma MMP9 Concentration After Acute Ischemic Stroke</td>
<td>Ayush Batra, Massachusetts General Hosp &amp; Brigham and Women's Hosp, Boston, MA; Zoe C Wollert, Ly Pham, Riley Hales, William T Kimberly, Massachusetts General Hosp, Boston, MA</td>
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Poster Board Number P240 / Presentation Number WP240
Association Between Mitral and Annular Calcification or Aortic Valve Calcification and Complex Aortic Atheroma in Ischemic Stroke Patients
Kentaro Ishizuka, Takahiro Hoshino, Kyomi Ashihara, Kazuo Kitagawa, Tokyo Women’s Medical Univ, Tokyo, Japan

Poster Board Number P241 / Presentation Number WP241
The Yield of Trans thoracic Echocardiogram in Diagnosis and Management of Small Singular Subcortical Infarcts
Stella Celaj, Northwestern Feinberg Sch of Med, Chicago, IL; Carlos Corado, Shyam Prabhakaran, Northwestern Feinberg Sch of Med, Dept of Neurology, Chicago, IL

Emergency Care/Systems Posters I
WP243 – WP280

Poster Board Number P243 / Presentation Number WP243
Prehospital Scales Derived From NHSS Items May Not Accurately Reflect Performance in the Prehospital Setting
Claire Borges, Benjamin Franklin High Sch, New Orleans, LA; Melissa Gazi, Toby Gropen, Univ of Alabama at Birmingham, Birmingham, AL

Poster Board Number P244 / Presentation Number WP244
Review Criteria For Transfer Elderly Patient From Community Hospital To Comprehensive Stroke Center
Pedro Cardona, Helena Quesada, Blanca Lara, Nuria Cayuela, Paloma Mora, Bellvitge Univ Hosp, Barcelona, Spain; Moises Garces, Hosp Verge Cinta Tortosa, Tortosa, Spain; Xavier Ustrell, Hosp Joan XXIII, Tarragona, Spain; Estef Catenas, Hosp Alt Penedes, Vilafranca del Penedes, Spain; Elsa Puiggròs, Hosp Sant Camil, Sant Pere de Ribes, Spain; Teresa Bernal, Hosp de Igualada, Igualada, Spain; Lucia Aja, Francisco Rubio, Bellvitge Univ Hosp, Barcelona, Spain

Poster Board Number P245 / Presentation Number WP245
Hyperacute Blood Pressure Variability Is Associated with Early Neurological Deterioration
Joseph Kim, Univ of Southern California, Los Angeles, CA; Jeffrey L Saver, David S Liebeskind, Sidney Starkman, Geffen Sch of Med at UCLA, Los Angeles, CA; Scott Hamilton, Stanford Univ Medical Sch, Stanford, CA; Pit-Wook Chung, Sungkyunkwan Univ Sch of Med, Seoul, Korea, Republic of; Nerses Sanossian, Keck Sch of Med of the Univ of Southern California, Los Angeles, CA; FAST-MAG Trial Investigators

Poster Board Number P246 / Presentation Number WP246
Probabilistic Linkage of De-identified Prehospital and Hospital Data for Stroke Patients Achieves Similar Match Rates to Manual Linkage
John A Oostema, Spectrum Health and Michigan State Univ Coll of Human Med, Grand Rapids, MI; Todd Chassee, Kent County Emergency Medical Services, Grand Rapids, MI; Matthew J Reeves, Michigan State Univ Coll of Human Med, East Lansing, MI

Poster Board Number P247 / Presentation Number WP247
Facilitating Pre-hospital Communication between Neurology and Witness Reduces IV Alteplase Initiation Times
Cortlyn J Eilshie, Lindsay Olson-Mack, Scripps Health, La Jolla, CA; Jean Rockwell, Sara Deskin, Scripps Health, San Diego, CA; Lynn Berger, Scripps Health, Encinitas, CA; Renee Richetts, Scripps Health, San Diego, CA; Mary Kafafut, Christine M Wells, Scripps Health, La Jolla, CA

Poster Board Number P248 / Presentation Number WP248
Pre-treatment Perfusion CT in Stroke Thrombolysis Can Predict Disability-free Life
Hiroyuki Kawano, Andrew Bivard, Longting Lin, The Univ of Newcastle, Newcastle, Australia; Henry Ma, Monash Medical Ctr, Monash Univ, Melbourne, Australia; Xin Cheng, Huashan Hosp, Fudan Univ, Shanghai, China; Richard Aviny, Sunnysbrook Health Sciences Ctr, Univ of Toronto, Toronto, ON, Canada; Billy O’Brien, Gosford Hosp, Gosford, Australia; Kenneth Butcher, Univ of Alberta, Edmonton, AB, Canada; Min Lou, the Second Affiliated Hospital of Zhejiang Univ, Hangzhou, China; Jingfeng Zhang, Baotou Central Hosp, Baotou, China; Jim Jannes, The Queen Elizabeth Hosp, Adelaide, Australia; Qiang Dong, Huashan Hosp, Fudan Univ, Shanghai, China; Christopher R Levy, Mark W Parsons, The Univ of Newcastle, Newcastle, Australia

Poster Board Number P249 / Presentation Number WP249
Comparison of Telestroke Metrics Between an Internal Telestroke Model to an External Telestroke Vendor Within the Same System of Care
Jared Norozi, Univ of Southern California, Los Angeles, CA; Noelaian Warren, Elizabeth Diep, Jorge Lipiz, Zahra A Ahani, Robert A Arcubclave, Navdeep S Sangha, Kaiser Permanente, Los Angeles, CA

Poster Board Number P250 / Presentation Number WP250
Transport Times and Door to Needle Times for Stroke Patients Served by EMS
Lucas Ramirez, Univ of Southern California, Los Angeles, CA; Nichole Bosson, Marianne Cousche-Vill, Los Angeles County EMS Agency & Harbor-UCLA Medical Ctr, Los Angeles, CA; Jeffrey L Saver, Sids Stirman, David S Liebeskind, UCLA Stroke Ctr, Los Angeles, CA; Patrick Lyden, Cedars Sinai Medical Ctr, Los Angeles, CA; Nerses Sanossian, Univ of Southern California, Los Angeles, CA

Poster Board Number P251 / Presentation Number WP251
Telestroke 20 in Catalonia: More Patients Treated and Secondary Transfers Reduced
Meribel Gomis, Elena López-Cancio, Natalia Perez de la Ossa, Hosp Univiri Germans Trais i Pujol, Badalona, Spain; Pere Cardona, Hosp Univiri de Bellvitge, Hospitalitat del Llobregat, Spain; Marc Ribó, Hosp Univiri Vall d’Hebron, Barcelona, Spain; Joaquin Serena, Hosp Univiri Josep Trueta de Girona, Girona, Spain; Francisco Purroy, Hosp Univiri Arnu de Vilanova de Lleida, Lleida, Spain; Moisés Garcés, Hosp Verge de la Cinta de Tortosa, Tortosa, Spain; Mercé López, Hosp de Figueres, Figueres, Spain; Iñigo Soteras, Hosp de Cerdanya, La Cerdanya, Spain; Josep Maria Aragonés, Consorci Hospiani de Vic, Vic, Spain; Dolores Cocho, Hosp General de Granollers, Granollers, Spain; Ernest Palomer, Hosp de Mataró, Mataró, Spain; David Villagrasa, Hosp d’Igualada, Igualada, Spain; Elsa Puiggròs, Consorci Sanitari del Garraf, Vilanova i la Geltrú, Spain; Ester Catena, Hosp Comarcal de l’Alt Penedès, Vilafracona del Penedes, Spain; Eduard Sanjurjo, Hosp Comarcal del Pallars, Tremp, Spain; Nuria López Claverol, Fundació Sant Hosp de la Seu d’Urgell, La Seu, Spain; Iñigo Soteras, Hosp Comarcal de Mora d’Ebre, Mora d’Ebre, Spain; Sónia Abílielle, Stroke programme Agency for Health Quality and Assessment of Catalonia, Barcelona, Spain; Antoni Dávalos, Hosp Univiri Germans Trais i Pujol, Badalona, Spain

Poster Board Number P252 / Presentation Number WP252
The Effect and Associated Factors of Dispatcher Recognition of Stroke: A Multicenter Observational Cohort Study
Ming-Ju Hsieh, Natl Taiwan Univ Hosp, Taipei, Taiwan; Jan-Tang Sun, Far Eastern Memorial Hosp, New Taipei City, Taiwan; Wen-Chu Chiang, Natl Taiwan Univ Hosp, Taipei, Taiwan; Kuo-Liong Chien, Natl Taiwan Univ, Taipei, Taiwan; Matthew Huei-Ming Ma, Natl Taiwan Univ Hosp, Taipei, Taiwan

Poster Board Number P253 / Presentation Number WP253
Impact of a Stroke Coordinator on Improving Time to Treatment at Telestroke Sites
Lidia B Yamada, Manuel C Gurry, Jillian B Harvey, Ellen Debenham, Christine A Holmstedt, Tanya N Turan, Medical Univ of South Carolina, Charleston, SC

Poster Board Number P254 / Presentation Number WP254
The Predictive Potential of Prothrombin Time (PT) and D-Dimer for tPA-related Hemorrhage
Wenjun Deng, Bo Song, Sherry H-Y Chou, Lindsay Fisher, Maxwell Oyer, I-Ying Richard Chou, Thomas Wickham, Kathleen F Heizlmann, David McMullin, Elizabeth M Vancott, Eng H Lo, Ferdinando S Buonanno, Ming-Ming Ning, Massachusetts General Hosp, Boston, MA

Poster Board Number P255 / Presentation Number WP255
Rapid Coagulation Tests for Acute Ischemic Stroke
Hyun-Wook Nah, Dae-Hyun Kim, Jae-Kwan Chia, Dong-A Univ Hosp, Busan, Korea, Republic of

Poster Board Number P256 / Presentation Number WP256
High Rate of Subject Retention into Prehospital Stroke Research with Telephone-based Physician-investigator Driven Enrollment
Bryant J Rosell, Univ of Southern California, Los Angeles, CA; Jeffrey L Saver, UCLA Stroke Ctr, Los Angeles, CA; David S Liebeskind, UCLA Neurovascular Imaging Res Core, Los Angeles, CA; Sidney Starkman, UCLA Stroke Ctr, Los Angeles, CA; May Kim-Tenser, Univ of Southern California, Los Angeles, CA; Latisha K Sharma, UCLA Stroke Ctr, Los Angeles, CA; Robin Connell, Natl Inst of Neurological Disorders and Stroke, Bethesda, MD; Scott Hamilton, Stanford Univ, Palo Alto, CA; Nerses Sanossian, Univ of Southern California, Los Angeles, CA; FAST-MAG Trial Investigators

Poster Board Number P257 / Presentation Number WP257
Accuracy of Pre-enrollment Last Known Well Time in a Large Prehospital Stroke Clinical Trial
Nerses Sanossian, Emma Balouzian, Lucas Ramirez, Univ of Southern California, Los Angeles, CA; Jeffrey L Saver, UCLA Stroke Ctr, Los Angeles, CA; David S Liebeskind, UCLA Neurovascular Imaging Res Core, Los Angeles, CA; Sidney Starkman, UCLA Stroke Ctr, Los Angeles, CA; Marc Eckstein, Univ of Southern California, Los Angeles, CA; Samuel Stratton, Franklin D Pratt, UCLA, Los Angeles, CA; Scott Hamilton, Stanford Univ, Palo Alto, CA; Nerses Sanossian, Univ of Southern California, Los Angeles, CA; FAST-MAG Trial Investigators
Poster Board Number P258 / Presentation Number WP258
Simulating the Impact of Direct Transport of Patients with Suspected Large Vessel Occlusion to Comprehensive Stroke Centers in a Large Urban Emergency Medical Services System
Christopher T Richards, Northwestern Feinberg Sch of Med, Chicago, IL; Tyler D Hung, Ashley Lim, Emma Myers, Yumeng Nie, Northwestern McCormick Sch of Engineering and Applied Science, Evanston, IL; Rebecca Khorzad, Jane Holl, Northwestern Feinberg Sch of Med, Chicago, IL; Karen Smolitwitz, Northwestern McCormick Sch of Engineering and Applied Science, Chicago, IL; Shyam Prabhakaran, Northwestern Feinberg Sch of Med, Chicago, IL

Poster Board Number P259 / Presentation Number WP259
Simulation Based Medical Education in Interprofessional Education: Acute Stroke Management Model
Brett Johnson, Loyola Univ Stritch Sch of Med, Maywood, IL; Leann Horsley, Loyola Univ Chicago Nella Niehoff Sch of Nursing, Maywood, IL; Trent Reed, Donna Quinones, Viva Siddall, Neelam Balasubramanian, Loyola Univ Stritch Sch of Med, Maywood, IL; Jessica Ray, Loyola Univ Medical Ctr, Maywood, IL; Patricia Friend, Loyola Univ Marcella Niehoff Sch of Nursing, Maywood, IL; Keith Muccino, Sean Ruland, Loyola Univ Stritch Sch of Med, Maywood, IL

Poster Board Number P260 / Presentation Number WP260
Imaging Appropriateness Criteria May Guide Effective Use of CT Angiography in Acute Stroke Workup
Christopher Goktepe, Blake Carlson, Annemarie Relyea-Chew, Claire Creutzfeldt, Chun Yuan, Mahmoud Mossa-Basha, Univ of Washington, Seattle, WA

Poster Board Number P261 / Presentation Number WP261
Non-English-prefering Patients Have No Differences in Stroke Symptom Recognition or Emergency Care Time Metrics
Shaw Natsu, Massachusetts General Hosp, Boston, MA; Khawja A Siddiqui, Baylor Sch of Med, Houston, TX; Betty L Erle, Harvard Medical Sch, Boston, MA; Nicie I Mejia, Lee H Schwamm, Kori Sauser Zachrisson, Massachusetts General Hosp, Boston, MA

Poster Board Number P263 / Presentation Number WP263
Feasibility and Utility Of EEG for Estimating Infarct Volume During ER Assessment of Suspected Acute Stroke--A Pilot Study
Steven C Cramer, Arsheep Dehghani, Jennifer C Wu, Jessica M Cassidy, Lauren Shreve, Robert Fadi, Christopher Vo, Ariana I Medcadi, Thuong B Tran, Derek Z Yang, Wenqul Yu, Bharath Chakravarthy, Wirachin Hoongprommisan, Erik Barton, Ramesh Srinivasan, Univ of California, Irvine, Irvine, CA

Poster Board Number P264 / Presentation Number WP264
Be Fast – Redefined
Swati Laroia, Charles Romero, Cynthia Deveikis, Tudor Jovin, Ashutosh Jadhav, Jeffrey Espar, James DeMatteis, Univ of Pittsburgh Medical Ctr, Hamot, Erie, PA

Poster Board Number P265 / Presentation Number WP265
Individual and System Contributions to Race and Sex Disparities in Thrombolysis Use for Stroke Patients
Roland Faigle, Victor C Urrutia, Lisa A Cooper, Rebecca F Gottesman, Johns Hopkins Sch of Med, Baltimore, MD

Poster Board Number P266 / Presentation Number WP266
EMS/Hospital Combined Education Decreased Primary Stroke Center Bypass Jason P Stoppyra, Surry County Emergency Medical Services, Mount Airy, NC; Myron Waddell, Surry County Emergency Services, Mount Airy, NC; Emily B Parks, Hugh Chatham Memorial Hosp, Elkin, NC

Poster Board Number P267 / Presentation Number WP267
Clinical Simulation-based Usability Testing of a Mobile Telestroke System
Sherita N Chapman Smith, Prachi Mehndiratta, Jamie Ricks, Jamie Heath, Poanna Waddell, Surry County Emergency Services, Mount Airy, NC; Joey R Geo, Texas Med Hosp, Mission Veijo, CA; Maran J Lombardi, Western Medical Ctr, Santa Ana, CA; John J Lun, Stanford Medical Ctr, Fullerton, CA; Nirav Patel, Los Alamitos Medical Ctr, Los Alamitos, CA; Mayank Pathak, St Joseph Hosp, Orange, CA; Wengu Yu, Univ of California, Irvine, Orange, CA; Samuel J Stratton, Orange County Emergency Medical Services, Santa Ana, CA; Steven C Cramer, Univ of California, Irvine, Orange, CA

Poster Board Number P274 / Presentation Number WP274
Improving Door to Ct Time by a Seven Item Stroke Screening Questionnaire for Patients Arriving to ER with Acute Stroke without Prior Notification
Roni Eichel, Penina Ponger, Nechama Kaufmann, Natan M Bornstein, Shaere Zedek Medical Ctr, Jerusalem, Israel

Poster Board Number P275 / Presentation Number WP275
Much Work to Do: Analysis of Potential Performance Measures for Patients Transferred for Acute Endovascular Thrombectomy
Kristina Shirkovka, Sidney Starkman, David Liebskind, Gary Duckwiler, Satoshi Tateshima, Viktor Szeder, Reza Jahan, Latisha Sharma, Neal Rao, Jason D Himman, Radoslav Raychev, Alison Arch, Arun Chhraba, Lindsey Frischmann, Konark Malhotra, Fizza Chhattey, Jeffrey Saver, Univ of California, Los Angeles, CA

Poster Board Number P276 / Presentation Number WP276
Simplification of a Prehospital Short NIHSS Scale Does not Increase Intrrater Agreement Between Emergency Medical Services and Stroke Specialists
Jelle Demeester, Carlos Garcia-Esperon, John Hunter Hosp, Newcastle, Australia; Longing Lin, Hunter Medical Research Inst, Newcastle, Australia; Allan Loudfoot, John Hunter Hosp, Newcastle, Australia; Andrew Bivard, Hunter Medical Research Inst, Newcastle, Australia; Mark Parsons, Christopher Levi, John Hunter Hosp, Newcastle, Australia

Poster Board Number P277 / Presentation Number WP277
Race Score is Scalable to Other Ems Systems; A Sensitivity Analysis
Sharjeel Panjwani, Univ of Toledo Medical Ctr, Toledo, OH; Julie Shawver, Promedica The Toledo Hosp, Toledo, OH; Syed F Zaidi, Mouhammad A Jumaa, Univ of Toledo Medical Ctr, Toledo, OH

Poster Board Number P278 / Presentation Number WP278
Demographic Disparities in Extended Use of Tissue Plasminogen Actv Table for Acute Stroke Patients Treated via Telestroke
Shima Bozorgui, Tzu-Ching Wu, Arvind B Bambhriyahi, Christy M Ankrom, Tiffany D Cossey, Alyssa D Trevino, Sean I Savitz, Amanda L Jagolino, The Univ of Texas Health Science Ctr at Houston, Houston, TX
Poster Board Number P279 / Presentation Number WP279
Concordance of Paramedic and Hospital Documented Last Known Well Times for EMS Transported Acute Ischemic Stroke Patients
Lucas Ramirez, Univ of Southern California, Los Angeles, CA; Nichole Bosson, Marianne Gausche-Hill, Los Angeles County EMS Agency & Harbor-UCLA Medical Ctr, Los Angeles, CA; Jeffrey L Saver, Sid Starkman, David S Liebeskind, UCLA Stroke Ctr, Los Angeles, CA; Patrick Lyden, Cedars Sinai Medical Ctr, Los Angeles, CA; Neres Sanossian, Univ of Southern California, Los Angeles, CA

Poster Board Number P280 / Presentation Number WP280
Barriers to the Early Management of Patients With Transient Ischemic Attack in Low and Middle Income Countries

**Experimental Mechanisms and Models Posters I**

**Poster Board Number P281 / Presentation Number WP281**
Incorporating Biological Variation in Experimental Stroke to Better Mimic Human Stroke
Thomas A Kent, Harriet C Rea, William Dalmida, Roderic H Fabian, Baylor Coll of Med, Houston, TX; Cenk Ayata, Massachusetts General Hosp, Cambridge, MA; Plitcha Mandava, Baylor Coll of Med, Houston, TX

**Poster Board Number P282 / Presentation Number WP282**
Gender-Dependent Differences in the Cerebrovascular System in Wildtype Mice and Cerebrovascular Lesions in a Mouse Model of Moyamoya Disease
Zbigniew Starosolski, Texas Children’s Hosp, Houston, TX; Jaime Wright, Dianna Miliewicz, Univ of Texas at Houston Medical Sch, Houston, TX; Ananth Annapragada, Texas Children’s Hosp, Houston, TX

**Poster Board Number P283 / Presentation Number WP283**
Sex Differences in Hipoxic-ischemic Encephalopathy Are Modulated by Cx3cl1/Cx3cr1 Signaling
Javiera B Bravo-Alegria, Louise D McCallough, Fudong Liu, UTHealth, Houston, TX

**Poster Board Number P284 / Presentation Number WP284**
Pro-inflammatory Response Elicited by Porphyromonas Gingivalis Lipopolysaccharide Exacerbates the Rupture of Experimental Cerebral Aneurysms
Takeshi Miyamoto, Keiko T Kitazato, Yoshiteru Tada, Kenji Shimada, Kenji Yagi, Masaaki Kori, Hidetsugu Maekawa, Tadashi Yamaguchi, Shotaro Yoshikawa, Tomoya Kinouchi, Yasuhisa Kanematsu, Junichiro Satomi, Shinji Nagahiro, Inst of Biomedical Sciences, Tokushima, Japan

**Poster Board Number P285 / Presentation Number WP285**
IPA Variant tPA-A296-299 Prevents Impairment of Cerebral Autoregulation and Hippocampal Neuronal Necrosis After Stroke Through Inhibition of ET-1 Upregulation

**Poster Board Number P286 / Presentation Number WP286**
ONO-8610539, an Injectable Small-Molecule Inhibitor of Blood Coagulation Factor Xa, Improves Cerebral Ischemic Injuries Associated with Photothrombotic Occlusion of Rabbit Middle Cerebral Artery
Shinya Sakimoto, Totsuya Hagio, Yasuo Yonetomi, Takehiro Ono, Sho Koyama, Ai Hashimoto, Masashi Gohda, Masaru Sakai, Tahei Nishiyama, Kenji Tanaka, Hidekazu Matsuya, Akira Imagawa, Yasushi Hirota, Kazuhiro Kawabata, Hiromu Habashita, ONO Pharmaceutical Co, Ltd, Osaka, Japan

**Poster Board Number P287 / Presentation Number WP287**
Deterioration in Recombinant Tissue Plasminogen Activator After Repeated Freezing and Thawing Cycles for Thromboelastography
Sean Calo, Anja-Kathrin Jaehne, Kelly A Keenan, Jun Xu, Baruch Tawil, Henry Ford Hosp, Detroit, MI; Richard Thompson, Wayne State Univ Sch of Med, Detroit, MI; Robert A Knight, Joseph Miller, Christopher Lewandowski, Nagaraja N Tavarekere, Henry Ford Hosp, Detroit, MI

**Poster Board Number P288 / Presentation Number WP288**
Inter-Alpha Inhibitor Proteins Reduce the Presence of Neutrophils and Matrix Metalloproteinases-9 Positive Neutrophils in Damaged Brain Regions of Neonates with Hypoxic-Ischemic (HI) Brain Injury
Adriel Barrios-Anderson, Xiaodi Chen, The Warren Alpert Medical Sch of Brown Univ, Providence, RI; You-Pin Lim, ProThera Biologics Inc, Providence, RI; Barbara S Stonestreet, The Warren Alpert Medical Sch of Brown Univ, Providence, RI

**Poster Board Number P289 / Presentation Number WP289**
Interaction Between Stroke and Amyloid-β Deposition in Cognitive Function – Possible Involvement of Antagonist Effect of AT, Receptor Activation – Li-Juan Min, Masaki Mogi, Kana Tsukuda, Akinori Higaki, Masanori Kukida, Hiroto Nakajima, Toshifumi Yamauchi, Hui-Yu Bai, Bao-Shuai Shan, Li-Juan Min, Masatsugu Horiuichi, Ehime Univ Sch of Med, Tohon, Ehime, Japan

**Poster Board Number P290 / Presentation Number WP290**
AT2 Receptor Stimulation Reduces Stroke Size in Concert With AT2 Receptor-Interacting Protein
Jun Iwanami, Masaki Mogi, Xiao-Li Wang, Kana Tsukuda, Akinori Higaki, Masanori Kukida, Hiroto Nakajima, Toshifumi Yamauchi, Hui-Yu Bai, Bao-Shuai Shan, Li-Juan Min, Masatsugu Horiuichi, Ehime Univ, Graduate Sch of Med, Tohon, Ehime, Japan

**Poster Board Number P291 / Presentation Number WP291**
Diabetes Impairs Long-term Functional Recovery in an Embolic Stroke Model in Sex Independent Manner
Weigu Li, Augusta Univ, Augusta, GA; Sherif Hafez, Univ of Georgia, Augusta, GA; John Paul Valenzuela, Rebecca Ward, Guangkong Dong, Sally El-Shafey, Susan C Fagan, Adviye Ergul, Augusta Univ, Augusta, GA

**Poster Board Number P292 / Presentation Number WP292**
Insulin Resistance is Associated with a Reduction of Leukocyte Surface CD36 Expression and an Increase of Soluble CD36
Atsushi Kanoke, Yasuo Nishijima, Christine L Hsieh, Jailing Liu, UCSF, San Francisco, CA

**Poster Board Number P293 / Presentation Number WP293**
Necropsy Cell Death Signaling Amplifies Acute Hyperglycemic Stroke Injury
Liye Yi, Jian Zhang, Zeng-Jin Yang, Raymond K Koehler, Johns Hopkins Univ, Baltimore, MD

**Poster Board Number P294 / Presentation Number WP294**
Deferoxamine Treatment Improves Outcomes After Embolic Stroke in Diabetic Rats
Weigu Li, John Paul Valenzuela, Guangkong Dong, Yasir Abdul, Rebecca Ward, Augusta Univ, Augusta, GA; Susan C Fagan, Univ of Georgia, Augusta, GA; Adviye Ergul, Augusta Univ, Augusta, GA

**Poster Board Number P295 / Presentation Number WP295**
Remote Limb Ischemic Conditioning in Murine Focal Cerebral Ischemia
Kazu Kitagawa, Moeki Saitoh, Kenjiro Ishizuka, Tokyo Women’s Medical Univ, Tokyo, Japan

**Poster Board Number P296 / Presentation Number WP296**
Short Term Acute Preconditioning Exercise Improves Stroke Outcomes and Reduces Neurovascular Injury via Increased Endothelial Nitric Oxide Synthase Activity
Sherif Hafez, Mohammad B Khan, Jesse D Wagner, David C Hess, Augusta Univ, Augusta, GA

**Poster Board Number P297 / Presentation Number WP297**
Moderate Alcohol Preconditioning Activates BKCa Channels to Protect Brain Damage-Induced by Cerebral Ischemic/Reperfusion
Yi L Zhao, An C Guo, Yong J Wang, Qun Wang, Beijing Tiantan Hosp, Beijing, China

**Health Services, Quality Improvement, and Patient-Centered Outcomes Posters I**

**Poster Board Number P298 / Presentation Number WP298**
Achievement of Guideline-concordant Process of Care and 1-year Outcomes in Patients with Acute Ischemic Stroke in Secondary and Tertiary Hospitals: Results From China National Stroke Registry II
Zixiao Li, Yilong Wang, Beijing Tiantan Hosp, Capital Medical Univ, Beijing, China; Xudong Ma, Natl Health and Family Planning Commission, Beijing, China; Xinguo Zhao, Liping Liu, Hongguo Gu, Caizhong Wang, Chunjuan Wang, Yusong Pan, Xinxiao Zhang, Xing Yan, Yongjun Wang, Beijing Tiantan Hosp, Capital Medical Univ, Beijing, China
Patients Transferred to Tertiary Care Centers with Fatal Ischemic Strokes

Lisabeth, Univ of Michigan Sch of Public Health and Medical Sch, Ann Arbor, MI; Nelda M Garcia, Univ of Michigan Medical Sch, Ann Arbor, MI; Xiaqing Jiang, Chengwei Li, Erin Case, Univ of Michigan Sch of Public Health, Ann Arbor, MI; Cemal B Sozener, Devin L Brown, Univ of Michigan Medical Sch, Ann Arbor, MI

Impact of Ethnicity on Access to Sleep Apnea Screening and Testing

Science Ctr at San Antonio, San Antonio, TX; Johanna L Morton, Seton Healthcare Ctr at Houston, Houston, TX; Vivek Misra, Univ of Texas Health Science Ctr, Houston, TX; Arvind B Bambhroliya, Shima Bozorgui, Christy M Ankrom, Alyssa D Trevino, Amanda Detro, Lone Star Stroke Consortium TeleStroke Registry (LESTER)

Admission Stroke Severity is a Major Driver of Variation in Acute Stroke Care

Farhaan Vahidy, Liang Zhu, Nancy J Edwards, UT-HSC, Houston, TX

Leveraging the Power of a System: A Team-based Approach to Improving Door-to-alteplase Administration

Dolores Behrens, Advocate Christ Medical Ctr, Oak Lawn, IL; Lynn Klassman, Royce Peppa, Advocate Lutheran General Hosp, Park Ridge, IL; Mary Kay Jennrich, Advocate Good Samaritan Hosp, Downers Grove, IL; Fras Dabbous, Advocate Health Care, Park Ridge, IL; Advocate Stroke Collaborative

Uniting Hospital Leaders in a Competitive Region to Improve Intravenous Thrombolysis Rates: Analysis of the SETRAC Stroke Registry

Andrea Jaeger, CH St Luke’s Health – The Woodlands Hosp, The Woodlands, TX; Jose I Suarez, Baylor Coll of Med, Houston, TX; Sean I Savitz, The Univ of Texas Health Science Ctr at Houston, Houston, TX; Katy Rames, American Heart Association, Houston, TX; Darrell Pile, Grace Farquhar, Catherine Bissell, SouthEast Texas Regional Advisory Council, Houston, TX

Transferring Patients with Primary Intracerebral Hemorrhage to Comprehensive Stroke Centers

Farhaan Vahidy, Liang Zhu, Nancy J Edwards, UT-HSC, Houston, TX; Darrell Pile, Grace Farquhar, Catherine Bissell, SouthEast Texas Regional Advisory Council, Houston, TX

Identifying Acute Ischemic Stroke by Analyzing icd-10 Claims Data Using Machine Learning Models

Charles Ewewe, Jorge Luna, Benjamin Kummer, Hojat Salmasian, David Vawdrey, Columbia Univ Medical Ctr, NYC, NY; Hooman Kamel, Weill Cornell Medical Ctr, NYC, NY; Mitchell Elkind, Columbia Univ Medical Ctr, NYC, NY

Stroke Patient Characteristics Have Minimal Impact on Reliability of Telestroke Evaluation

Lisa R Yanase, Megan Hyers, Tamela Stuchiner, Lindsay Lucas, Kateri Spinelli, Kathryn Morrell, Providence, Portland, OR

Driving Stroke Care Within a Health System: The Impact of the <i>i</i>-University Hospitals System Stroke Program Clinical Practice Guideline for the Emergency Management of Acute Stroke<i>i</i>

Pavan Murty, Julie Fussner, Colin Beilman, Cathy Sila, Univ Hosp Case Medical Ctr, Cleveland, OH

An Electronic Health Record Phenotype of Ischemic Stroke Using Non-Claims Clinical Data and Machine Learning


The Impact of Post-acute Discharge Disposition on Outcomes in the SWIFT PRIME Trial

Samir B Belagaje, Diego C Haussen, Emory Univ, Atlanta, GA; Jeffrey L Saver, Univ of California Los Angeles, Los Angeles, CA; Young Goy, Univ of Calgary, Calgary, AB, Canada; David S Liebeskind, Univ of California Los Angeles, Los Angeles, CA; Dileep R Yadav, Univ of Miami/Jackson Memorial Hosp, Miami, FL; Tudor G Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Raul G Nogueira, Emory Univ, Atlanta, GA
Poster Board Number P340 / Presentation Number WP340
Loading Doses of Clopidogrel Across the US: Temporal and Regional Trends
Yunpeng Yang, Univ of Cincinnati Coll of Med, Cincinnati, OH; Jane Khoury, Cincinnati Children’s Medical Ctr, Cincinnati, OH; Dawn Kleinodffer, Univ of Cincinnati Coll of Med, Cincinnati, OH
Poster Board Number P341 / Presentation Number WP341
Outcomes After Percutaneous Endoscopic Gastrostomy in Stroke Patients With Dysphagia
Andrea Xaviera, Univ of Texas Health Science Ctr at Houston, Houston, TX; Kim Yen thi Vu, Lauren Jade Alexander Woellner, Courtney Elkins, Aubrey De Jesus, Rya Clark, Anna Nodoecker, Hope Moser, Memorial Hermann Hosp, Houston, TX; Jeremy Ragland, Alex Huimahn Choi, Univ of Texas Health Science Ctr at Houston, Houston, TX; Nicole Harrison, Memorial Hermann Hosp, Houston, TX; Robert Brown, Univ of Texas Health Science Ctr at Houston, Houston, TX

Intracerebral Hemorrhage Posters I

Poster Board Number P343 / Presentation Number WP343
A Causative Analysis of the Role of Hyperglycemia in the Outcome of Spontaneous Intracerebral Haemorrhage
Vasileios-Arsonios Lioutas, Mohamed M Salem, Beth Israel Deaconess Medical Ctr, Boston, MA; Joseph J Locascio, Massachusetts General Hosp, Boston, MA; Magdy Selim, Beth Israel Deaconess Medical Ctr, Boston, MA
Poster Board Number P344 / Presentation Number WP344
Lower Hemoglobin A1c is Associated With Higher In-Hospital Mortality in Intracerebral Hemorrhage
Sudeepa Dandapat, Univ of Oklahoma, Oklahoma City, OK; Faezee M Siddiqui, Southern Illinois Univ, Springfield, IL; Gregg C Fonarow, Univ of California Los Angeles, Los Angeles, CA; Deepak L Bhat, Brigham and Women’s Hosp Heart & Vascular Ctr, Harvard Medical Sch, Boston, MA; Haolin Xu, Roland Matsuouaka, Duke Univ, Durham, NC; Paul Heidenreich, VA Palo Alto Health Care System, Palo Alto, CA; Ying Xian, Duke Univ, Durham, NC; Lee H Schwamm, Massachusetts General Hosp and Harvard Medical Sch, Boston, MA; Eric E Smith, Univ of Calgary, AB, Canada
Poster Board Number P345 / Presentation Number WP345
Pretreatment with Sufonylurea Drugs is Associated with Lowered Baseline Hematoma Volumes and Better Functional Outcomes in Diabetic Patients with Acute Intracerebral Hemorrhage
Poster Board Number P346 / Presentation Number WP346
Persistent Hyperglycemia is Independently Associated With Increased Mortality After Intracerebral Hemorrhage
Teddy Wu, Univ of Melbourne, Melbourne, Australia; Jukka Putuaalii, Helsinki Univ Hosp, Helsinki, Finland; Gagan Sharma, Royal Melbourne Hosp, Melbourne, Australia; Daniel Strbian, Helsinki Univ Hosp, Helsinki, Finland; Turgut Tatlisumak, Sahlgrenska Univ Hosp, Gothenburg, Sweden; Stephen Davis, Atte Meretoja, Univ of Melbourne, Melbourne, Australia
Poster Board Number P347 / Presentation Number WP347
Early Achievement of Blood Pressure Lowering on Hematoma Growth in Hyperacute Intracerebral Hemorrhage: the SAMURAI-IChy Study
Yoshitaka Tamaguch, Masatoshi Koga, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Kenichi Tode, Kobe City Medical Ctr General Hosp, Kobe, Japan; Shoichiro Sabo, Hiroshi Yamagami, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Kenji Kamiyama, Nakamura Memorial Hosp, Sapporo, Japan; Satoshi Okuda, Natl Hosp Organization Nagoya Medical Ctr, Nagoa, Japan; Yasushi Okada, Natl Hosp Organization Kyoushu Medical Ctr, Fukuoka, Japan; Kazumi Kimura, Kawasaki Municipal Sch, Kurashiki, Japan; Yoshiki Shikikawa, Kyorin Univ Sch of Med, Mitsuka, Japan; Eisuke Furui, Kohran Hosp, Sendai, Japan; Yasuhiro Hasagawa, St Marianna Univ Sch of Med, Kawasaki, Japan; Kazuomi Kario, Jichi Medical Univ Sch of Med, Shimotsu-ke, Japan; Sohei Yoshimura, Tsuhihiro Ide, Takeshi Yoshimoto, Kazzukiya Nagatsuka, Kanzunori Toyoda, Natl Cerebral and Cardiovascular Ctr, Suita, Japan
Poster Board Number P348 / Presentation Number WP348
Blood Pressure Lowering in Patients With Intracerebral Haemorrhage: Data from the Ongoing Tranexamic Acid for Hyperacute Primary Intracerebral Haemorrhage (TICH-2) Trial
Nikola Spring, Katie Robson, Zhe Kang Law, Jason Appleton, Philip Bath, Univ of Nottingham, Nottingham, United Kingdom
Poster Board Number P349 / Presentation Number WP349
Updated Meta-Analysis of Randomized Controlled Trials Investigating Blood-Pressure Lowering for Acute Intracerebral Hemorrhage
Gregoire Boulouis, Andrea Morotti, Joshua N Goldstein, Andreas Chardidimou, Massachusetts General Hosp, Boston, MA
Poster Board Number P350 / Presentation Number WP350
Targeting Lower Blood Pressure in Acute ICH Increases Silent and Symptomatic Infarcts
Andrew Blake Buleto, Tapan Thacker, Natalie Organe, Jason Mathew, Muhammad Hussain, Jennifer Frontera, Ken Uchino, Cleveland Clinic Fdn, Cleveland, OH
Poster Board Number P351 / Presentation Number WP351
No Effect of Mannitol on the Course of Perihemorrhagic Edema After Intracerebral Hemorrhage
Bastian Volbers, Sabrina Herrmann, Wolfgang Willfarth, Hagen B Huttner, Stefan Lang, Antje Giede-Jeppe, Michael Knott, Joji B Kuramatsu, Univ of Erlangen-Nuremberg, Erlangen, Germany; Dimitre Staykov, Hosp of the Brothers of St John, Eisenstadt, Austria
Poster Board Number P352 / Presentation Number WP352
Clinical Outcomes of Patients Undergoing BrainPath-assisted Evacuation of Intracerebral Hematomas
Min Lang, Alex M Witek, Nina Z Moore, Mark D Bain, Cleveland Clinic, Cleveland, OH
Poster Board Number P353 / Presentation Number WP353
Bleeding Following Removal of Intracerebral Catheters in MISTIE III
W Andrew Mould, Johns Hopkins Univ, Baltimore, MD; John Muschelli, Johns Hopkins Sch of Public Health, Baltimore, MD; Nichol McBee, Karen Lane, Johns Hopkins Univ, Baltimore, MD; Mario Zuccarello, Univ of Cincinnati, Cincinnati, OH; Issam Awd, Univ of Chicago, Chicago, IL; Daniel Hanley, Johns Hopkins Univ, Baltimore, MD
Poster Board Number P354 / Presentation Number WP354
Ten-year Temporal Trends in Medical Complications Following Acute Intracerebral Hemorrhage in the United States
Fadar O Olite, Priyank Khandelwal, Amer M Malik, Seemant Chaturvedi, Ralph L Sacco, Jose G Romano, Univ of Miami/Jackson Memorial Hosp, Miami, FL
Poster Board Number P355 / Presentation Number WP355
Predictors and Outcome of Intubation for Patients with Primary Intracerebral Hemorrhage
Ayaz Khawaja, Massachusetts General Hosp, Boston, MA; Anand Venkatraman, Univ of Alabama at Birmingham Hosp, Birmingham, AL; Maera Mirza, Detroit Medical Ctr/Sinai-Grace Hosp, Detroit, MI
Poster Board Number P357 / Presentation Number WP357
Prevalence of Pre- and Post-intracerebral Hemorrhage Sleep-disordered Breathing
Richard V Scheer, Univ of Michigan – Stroke Program, Ann Arbor, MI; Lynda D Lisabeth, Univ of Michigan – Stroke Program and Sch of Public Health, Ann Arbor, MI; Chengwei Li, Erin Case, Univ of Michigan – Sch of Public Health, Ann Arbor, MI; Ronald D Chernin, Univ of Michigan – Sleep Disorders Ctr, Ann Arbor, MI; Lewis B Morgenstern, Univ of Michigan – Stroke Program and Sch of Public Health, Ann Arbor, MI; Hamed M Garcia, Univ of Michigan – Stroke Program, Ann Arbor, MI; Susan Tower, CHRISTUS Spohn Hosp Alice, Alice, TX; Devin L Brown, Univ of Michigan – Stroke Program, Ann Arbor, MI
Poster Board Number P358 / Presentation Number WP358
A Population-Based Study of Intracerebral Hemorrhage Outcomes: The BASIC Project
Julius Gruazude, Lynda D Lisabeth, Chengwei Li, Univ of Michigan Health System, Ann Arbor, MI; Brisa N Sanchez, Univ of Michigan, Ann Arbor, MI; Erin Case, Neida Garcia, Lewis B Morgenstern, Darin B Zahraneur, Univ of Michigan Health System, Ann Arbor, MI
Poster Board Number P359 / Presentation Number WP359
Higher Risk of Intracerebral Hemorrhage Recurrence Among African American and Latino/Hispanic Individuals
Axana Rodriguez-Torres, Christina Kourkouli, Kristin Schwab, Alison M Ayres, M Edip Gurrol, Steven M Greenberg, Anand Viswanathan, Christopher D Anderson, Jonathan Rosand, Alessandro Biffi, Massachusetts General Hosp, Boston, MA
Ischemic Stroke Admission Factors Associated with Longer Length of Stay and Disposition to Non-home Setting
Natalie Wilson, John W Liang, Tara Toche, Stanley Tuhrim, Mandip S Dh amoon, Mount Sinai Hosp, NY, NY
Poster Board Number P403 / Presentation Number WP403

Is Our Home Grown Swallow Screen Good Enough?
Anna Raimondi, Christopher Babashka, Cynthia Barth, Elizabeth Kim, Mona Olges, Mary Kelly, AMITA Health Alexian Brothers Medical Ctr, Elk Grove Village, IL
Poster Board Number P404 / Presentation Number WP404

Stroke Cognitive Recovery Model
Susan Alderman, Univ of Texas- Houston, Sch of Nursing, Houston, TX
Poster Board Number P405 / Presentation Number WP405

Age, Race, and Gender Disparities in Door to Needle Time: A Single Center Joint Commission Certified Comprehensive Stroke Center Experience
Kari D Moore, Univ of Louisville, Louisville, KY; Peter Rock, Univ of Kentucky, Lexington, KY; Wei Li, Jignesh Shah, Elizabeth Wise, Kerri Remmel, Univ of Louisville, Louisville, KY
Poster Board Number P407 / Presentation Number WP407

Role of the Stroke Response Nurse to Improve Compliance with Key Stroke Performance Indicators
Katie Broadway, Houston Methodist Hosp, Houston, TX
Poster Board Number P408 / Presentation Number WP408

TACS: Taking Action for Optimal Community and Long Term Stroke Care
Thereza L Green, Queensland Univ of Technology, Herston, Australia; Patrice Lindsay, Heart & Stroke Fndn Canada, Ottawa, ON, Canada
Poster Board Number P409 / Presentation Number WP409

Impact of Nursing Expertise and Staffing Ratio on Compliance with Post-IPA/Endovascular Patient Monitoring
Kelly Montgomery, Danielle S inhaler, Julie Fussner, Erin Supan, Cathy Sila, Univ Hosp, Cleveland, OH
Poster Board Number P410 / Presentation Number WP410

From the Ground to Target Stroke Elite Plus
April L Cairl, Linda Farmer, Angela Groody, Geisinger Wyoming Valley Medical Ctr, Wilkes-Barre, PA; Andrew Raposo, Prime Health Care, Providence, RI; Edgar J Kenton, Christopher Cummings, Ramiz Zand, Nell Holland, Geisinger Wyoming Valley Medical Ctr, Wilkes-Barre, PA
Poster Board Number P411 / Presentation Number WP411

Evaluation of Strategies to Reduce Time to Revascularization in Acute Ischemic Stroke
Abbigayle M Doerr, Janet Davis, Central DuPage Hosp, Winfield, IL; Sheryl Jenkins, Illinois State Univ, Mennonite Coll of Nursing, Normal, IL
Poster Board Number P412 / Presentation Number WP412

Low Concordance Rates of Dysphagia Screening in Stroke Patients Evaluated by Neuroscience Nurses and Speech-Language Pathologists
Laura Beth Dumm, Julie Bonner, E llen Me yer, Cyndy Brashe r, Stuart Schleuse, Ellen Stewart, Debbie Binsley, Jan Humphrey, Lisa Reif, Sarah Omes s, Elham Danaie, Fadi Nahab, Emory Univ Hosp, Atlanta, GA
Poster Board Number P413 / Presentation Number WP413

It's a Draw! Nurse vs Pharmacist Mixing tPA; Who’s Faster?
Morgan Boyer, Penn State Health, Milton S Hershey Medical Ctr, Hershey, PA
Poster Board Number P414 / Presentation Number WP414

Dabigatran Has the Lowest Risk of Hemorrhage and Death Among Patients Taking SSRI/SNRI s That Require Anticoagulation
Salman Al Jerdi, Mary Sarrazin, Enrique Leira, Univ of Iowa Hosp and Clinics, Iowa City, IA
Poster Board Number P414 / Presentation Number WP414

Desirable LDL-cholesterol Levels For Preventing Stroke Recurrence – Subanalysis of J-STARS
Nao hisa Hosomi, Hiroshima Univ Graduate Sch of Biomedical and Health Sciences, Hiroshima, Japan; Yoji Nagai, Kobe Univ Hosp, Kobe, Japan; Kazuo Kitagawa, Tokyo Women’s Medical Univ Sch of Med, Tokyo, Japan; Shiro Aoki, Tomohisha Nezu, Hiroshima Univ Graduate Sch of Biomedical and Health Sciences, Hiroshima, Japan; Tatsu kagimiru, Fndn for Biomedica l Res and Innovation Translational Res Informatics Ctr, Kobe, Japan; Hideki Origasa, Univ of Toyama Graduate Sch of Med and Pharmaceutical Sciences, Toyama, Japan; Kazuo Minematsu, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Shinichiro Uchiyama, Int’l Univ of Health and Welfare, Ctr for Brain and Cerebral Vessels, Sanno Hosp and Sanno Medical Ctr, Tokyo, Japan; Masayasu Matsumoto, Hiroshima Univ Graduate Sch of Biomedical and Health Sciences, Hiroshima, Japan; the J-STARS collaborators
Poster Board Number P415 / Presentation Number WP415

Pravastatin Can Reduce the Progression of Carotid Intima-media Complex Thickness: The Japan Statin Treatment Against Recurrent Stroke (J-STARS) Echo Study
Masatoshi Koga, Kazunori Toyoda, Kazuo Minematsu, N at’l Cerebral and Cardiovascular Ctr, Suita Osaka, Japan; Masahiro Yasaka, Nat’l Hosp Organization Kyushu Medical Ctr, Fukuoka, Japan; Yoji Nagai, Kobe Univ Hosp, Kobe, Japan; Naohisa Hosomi, Hiroshima Univ Graduate Sch of Biomedical and Health Sciences, Hiroshima, Japan; Hideki Origasa, Univ of Toyama Graduate Sch of Med and Pharmaceutical Sciences, Toyama, Japan; Kazuo Kitagawa, Tokyo Women’s Medical Univ, Tokyo, Japan; Shinichiro Uchiyama, Sanno Hosp and Sanno Medical Ctr, Tokyo, Japan; Masayasu Matsumoto, Hoshigaoka Medical Ctr, Japan Community Healthcare Organization (JCH0), Osaka, Japan
Poster Board Number P421 / Presentation Number WP421

18F-FDG PET/CT Imaging Factors for Prediction of Ischemic Stroke in Cancer Patients
Kangho Choi, Ja-Hae Kim, Jin-Heui Lee, Joon-Tae Kim, Man-Seok Park, Chonnam Natl Univ Hosp, Gwangju, Korea, Republic of
Poster Board Number P447 / Presentation Number WP447
Increased Platelet- and PMN-derived Extracellular Vesicles in Mice With Type 2 Diabetes
Yasuo Nishijima, Atsushi Kanoke, Shih Yen Yang, Philip Norris, Jialing Liu, UCSF, San Francisco, CA

Poster Board Number P448 / Presentation Number WP448
Reference Ranges of L5 LDL—a Risk Factor for Ischemic Stroke—in Healthy Adults
Chih-Sheng Chu, Kaohsiung Medical Univ, Kaohsiung, Taiwan; Hua-Chen Chan, Ming-Hsien Tsai, Kaohsiung Medical Univ Hosp, Kaohsiung, Taiwan; Nicole Stancel, Texas Heart Inst, Houston, TX; Hsiang-Chun Lee, Kai-Hung Cheng, Yi-Ching Tung, Hsiu-Chuan Chan, Chung-Ya Wang, Shyi-Jang Shin, Wen-Ter Lai, Chao-Yuh Yang, Kaohsiung Medical Univ, Kaohsiung, Taiwan; Richard A Dixon, Chu-Huang Chen, Texas Heart Inst, Houston, TX; Liang-Yin Ke, Kaohsiung Medical Univ, Kaohsiung, Taiwan

Poster Board Number P449 / Presentation Number WP449
Short Term (1 month) Daily Remote Ischemic Conditioning (RIC) Induces Vascular Remodeling and Improves Long Term Outcomes (6 month) in a Mouse Model of Vascular Cognitive Impairment (VCI)
Mohammad B Khan, Sherif Hafez, Jesse D Wagner, M N Hoda, David C Hess, Augusta Univ, Augusta, GA

Poster Board Number P450 / Presentation Number WP450
Cognitive Impairment and Asymptomatic Intracranial Atherosclerotic Stenosis in General Population
MFareed K Suri, Univ of Minnesota, Minneapolis, MN; Jincheng Zhou, Sch of Public Health, Div of Biostatistics, Univ of Minnesota, Minneapolis, MN; Ye Giao, The Russell H Morgan Dept of Radiology and Radiological Sciences, The Johns Hopkins Hosp, Baltimore, Maryland, USA; Haidau Cho, Sch of Public Health, Div of Biostatistics, Univ of Minnesota, Minneapolis, MN; Adam I Qureshi, Zeenat Qureshi Stroke Inst, St cloud, MN; Tom Mosley, Univ of Mississippi Medical Ctr, Jackson, MS; Rebecca F Gottsman, Johns Hopkins Univ Sch of Med, Baltimore, MD; Lisa Wruck, Univ of North Carolina, Chapel Hill, NC; A Richey Sharrett, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Alviro Alonso, Dept of Epidemiology, Rollins Sch of Public Health, Emory Univ, Atlanta, GA, Atlanta, GA; Bruce A Wasserman, The Russell H Morgan Dept of Radiology and Radiological Sciences, The Johns Hopkins Hosp, Baltimore, Maryland, USA; Baltimore, MD

Poster Board Number P451 / Presentation Number WP451
Cognitive Impairment in Cardiac Disease – Neuroimaging Associations
Jane Cannon, Mark Findlay, Krishna Dani, Jesse Dawson, Univ of Glasgow, Glasgow, United Kingdom; David A Dickie, Brain Res Imaging Ctr and DD Analytics, Edinburgh, United Kingdom; Terence J Quinn, Univ of Glasgow, Glasgow, United Kingdom

Poster Board Number LBP1 / Presentation Number LBP1
Association of Baseline ASPECTS and Collateral Score With Outcome Infarct Volume in Patients With Acute Ischemic Stroke due to Large Vessel Occlusions
Ivo G Jansen, Anna M Boers, Henk A Marquering, Academic Medical Ctr, Amsterdam, Netherlands; Bipoy K Menon, Deps of Clinical Neuroscience and Radiology, Hotchkiss Brain Inst, Cummings Sch of Med, Univ of Calgary, University of Calgary, AB, Canada; Luis San Roman, Hosp Clinic, Barcelona, Spain; Mayank Goyal, Univ of Calgary, Calgary, AB, Canada; Wim H van Zwaan, Maastricht Univ Medical Ctr, Maastricht, Netherlands; Yvo B Roos, Academic Medical Ctr, Amsterdam, Netherlands; Albert J Yoo, Texas Stroke Inst, Plano, TX; Ludo F Beenen, Academic Medical Ctr, Amsterdam, Netherlands; Hester F Lingma, Erasmus Medisch Centrum, Rotterdam, Netherlands; Andrew Demchuk, Univ of Calgary, Calgary, AB, Canada; David S Liebeskind, UCL, Los Angeles, CA; Bruce C Campbell, Royal Melbourne Hosp, Melbourne, Australia; Antoni Davalos, Hosp Germans Trias y Pujol, Barcelona, Spain; Scott Brown, Altair Biostatistics, St Louis Park, MN; Jeffrey L Saver, Univ of California, Los Angeles, CA; Tudor G Jovin, Presbyterian Univ Hosp, Pittsburgh, PA; Michael D Hill, Univ of Calgary, Calgary, AB, Canada; Peter J Mitchell, Royal Melbourne Hosp, Melbourne, Australia; Diederik W Dippel, Erasmus Medisch Centrum, Rotterdam, Netherlands; Charles B Majoie, Academic Medical Ctr, Amsterdam, Netherlands

Poster Board Number LBP2 / Presentation Number LBP2
Influence of Balloon, Conventional, or Distal Catheters on Angiographic and Clinical Outcomes in the STRATIS Registry
Osama O Zaidat, St Vincent Mercy Medical Ctr, Toledo, OH; Michael T Froehler, Vanderbilt Univ Medical Ctr, Nashville, TN; Reza Jahan, Univ of California Los Angeles, Los Angeles, CA; M Ali Aziz-Sultan, Brigham and Women’s Hosp, Boston, MA; Richard P Klucznik, Methodist Hosp, Houston, TX; Jeffrey L Saver, Univ of California Los Angeles, Los Angeles, CA; Diogo C Haussen, Emory Univ / Grady Memorial Hosp, Atlanta, GA; Frank R Hellinger Jr, Florida Hosp, Orlando, FL; Dileep R Yavagal, Univ of Miami/Jackson Memorial Hosp, Miami, FL; Tom L Yoo, Norton Neuroscience Inst, Hotchkiss Brain Inst, Cummings Sch of Med, Univ of Calgary, University of Calgary, AB, Canada; Luis San Roman, Hosp Clinic, Barcelona, Spain; Wim H van Zwaan, Maastricht Univ Medical Ctr, Maastricht, Netherlands; Andrew Demchuk, Univ of Calgary, Calgary, AB, Canada; David S Liebeskind, UCL, Los Angeles, CA; Bruce C Campbell, Royal Melbourne Hosp, Melbourne, Australia; Antoni Davalos, Hosp Germans Trias y Pujol, Barcelona, Spain; Scott Brown, Altair Biostatistics, St Louis Park, MN; Jeffrey L Saver, Univ of California, Los Angeles, CA; Tudor G Jovin, Presbyterian Univ Hosp, Pittsburgh, PA; Michael D Hill, Univ of Calgary, Calgary, AB, Canada; Peter J Mitchell, Royal Melbourne Hosp, Melbourne, Australia; Diederik W Dippel, Erasmus Medisch Centrum, Rotterdam, Netherlands; Charles B Majoie, Academic Medical Ctr, Amsterdam, Netherlands

Poster Board Number LBP3 / Presentation Number LBP3
Primary Outcome Results of the Systematic Evaluation of Patients Treated With Neurothrombectomy Devices for Acute Ischemic Stroke (STRATIS) Registry
Nils H Mueller-Kronast, Delray Medical Ctr/Tenet South Florida, Delray Beach, FL; on behalf of the STRATIS Investigators

Late-Breaking Science Posters I
LBP1 – LBP37
Poster Board Number LBP21 / Presentation Number LBP21
Left Atrial Enlargement and Vascular Brain Injury: The Cardiovascular Health Study
Shadi Yaghhi, The Warren Alpert Medical Sch of Brown Univ, Providence, RI; Traci M Bartz, Dick Krommal, Univ of Washington, Seattle, WA; Hooman Kamei, Cornell Univ, New York, NY; John Gottfried, Univ of Maryland, Baltimore, MD; Will Longstreth, Univ of Washington, Seattle, WA; Mitchell S Elkind, Columbia Univ, New York, NY

Poster Board Number LBP22 / Presentation Number LBP22
Severity of Intracranial Stenosis: Redefining Ischemic Impact With Computational Fluid Dynamics
Dandan Yu, Neuro-Intensive Care Unit, Dept of Neurology, Beijing TianTan Hosp, Capital Medical Univ, Neurovascular Imaging Res Core, UCLA, Beijing, China; Yuehua Fu, Neuro-Intensive Care Unit, Dept of Neurology, Beijing TianTan Hosp, Capital Medical Univ, Beijing, China; Xinyi Long, The Chinese Univ of Hong Kong, Hong Kong, China; Xin Liu, Neuro-Intensive Care Unit, Dept of Neurology, Beijing TianTan Hosp, Capital Medical Univ, Beijing, China; Yongkun Li, Fujian Provincial Hosp, Provincial Clinical Dept of Fujian Medical Univ, Fujian, China; Yannan Yu, Neurovascular Imaging Res Core, UCLA, Los Angeles, CA; Qiliang Dai, Jinling Hosp Medical Sch of Nanjing Univ, Nanjing, China; Amir Adam Dailamy, Neurovascular Imaging Res Core, UCLA, Los Angeles, CA; Masato Onodera, Tetsuya Takahashi, Masatoyo Nishizawa, Takayoshi Shimohata, Brain Res Core, UCLA, Los Angeles, CA; Hengzhou Lin, Dept of Neurosurgery, Shezhen Second Hosp, Shenzhen, China; Marina V Kameneva, Univ of New Mexico Coll of Pharmacy, Albuquerque, NM; Graham W Woolf, Fabien Scalzo, Neurovascular Imaging Res Core, UCLA, Los Angeles, CA; Liping Liu, Neuro-Intensive Care Unit, Dept of Neurology, Beijing TianTan Hosp, Capital Medical Univ, Beijing, China; David S Liebeskind, UCLA Dept of Neurology, Neurovascular Imaging Res Core, Los Angeles, CA

Poster Board Number LBP23 / Presentation Number LBP23
Improved Survival of Stroke Patients Contributed More Than Improvements in Stroke Prevention to the Recent Decline in Population-Based Mortality Rates From Stroke
Olena Seminog, Peter Scarborough, Michael Goldacre, Univ of Oxford, Oxford, United Kingdom

Poster Board Number LBP24 / Presentation Number LBP24
Less Experienced Telestroke Consultants are More Likely to Go On-Camera, but Less Likely to Administer tPA: Results from 600 Telestroke Consults at a Comprehensive Stroke Center
Adam de Havennon, Jaleen Smith, Corr McCann, Lee S Chung, Aleks Tkach, Peter M Hannon, Jennifer J Majersik, Univ of Utah, Salt Lake City, UT

Poster Board Number LBP25 / Presentation Number LBP25
M2 Microglia Preconditioned by Oxygen Glucose Deprivation Promotes Functional Recovery in Ischemic Rats
Masato Kanazawa, Minami Miura, Masataki Toriyabe, Misaki Koyama, Masahiro Hattori, Masato Yamasaki, Brain Res Inst, Niigata Univ, Niigata, Japan; Takashi Nakajima, Niigata Natt Hosp, Niigata Hosp Organization, Niigata, Japan; Osamu Onodera, Tetsuya Takahashi, Masato Ono, Shizuo Hara, Neurosurgery, Saitama Medical University, Saitama, Japan; Bo Hou, Shan Gao, Bo Hou, Beijing Tiantan Hosp, Beijing, China

Poster Board Number LBP26 / Presentation Number LBP26
Neuroprotective Effect of Endurance Exercise Against Alcohol Induced Cognitive Dysfunctions
Akkash K George, Jooyi Bala, Kimberly Kelly, Neetu Tyagi, Univ of Louisville, Louisville, KY

Poster Board Number LBP27 / Presentation Number LBP27
Oral Carbon Monoxide as a Treatment for Stroke
Kyras J Becker, Dannielle Zierath, Angela Shen, Univ of Washington Sch of Med, Seattle, WA; Howard Levy, Hillhurst Biopharmaceuticals, Montrose, CA; Leo Otterbein, Beth Israel Deaconess Medical Ctr, Boston, MA; Edward Comperton, Brett Skolnick, Hillhurst Biopharmaceuticals, Montrose, CA

Poster Board Number LBP28 / Presentation Number LBP28
Drag Reducing Polymers Delivered Late After Stroke Enhance Collateral Flow Reducing Ischemic Core Progression After Permanent Middle Cerebral Artery Occlusion in Rats
Denis E Bragin, Olgia A Bragina, Dept of Neurosurgery, Univ of New Mexico Sch of Med, Albuquerque, NM; Jun Wu, Dept of Neurosurgery, Xiangya Hosp, Central South Univ, Changsha, China; Hengzhou Lin, Dept of Neurosurgery, Shenzhen Second Hosp, Shenzhen Univ, Shenzhen, China; Devon A Lampley, Dept of Neurosurgery, Univ of New Mexico Sch of Med, Albuquerque, NM; Yirong Yang, Dept Pharmacological Sciences, Univ of New Mexico Coll of Pharmacy, Albuquerque, NM; Marina V Kamenova, Univ of Pittsburgh, Pittsburgh, PA; Edwin M Nemoto, Dept of Neurosurgery, Univ of New Mexico Sch of Med, Albuquerque, NM

Poster Board Number LBP29 / Presentation Number LBP29
The Fall Study of Gothenburg
Carina U Persson, Inst of Neuroscience and Physiology, Rehabilitation Med, Sahlgrenska Acad, Univ of Gothenburg, Gothenburg, Sweden; Sigvar Kjellberg, Ellen Westerling, Christer Gotestam, Per-Olof Hansson, Inst of Molecular and Clinical Med, Sahlgrenska Acad, Univ of Gothenburg, Gothenburg, Sweden

Poster Board Number LBP30 / Presentation Number LBP30
Variable Ischemic Stress in White Matter Hyperintensities of Stroke Patients With Large Vessel Occlusion
Edwin Nemoto, Univ of New Mexico, Albuquerque, NM; Syed Zaidi, Promedica Regional Hosp, Toledo, OH; Ken Uchino, Cleveland Clinic, Cleveland, OH; Ralf Widin, Neurologic Inst, Pompano Beach, FL; Hiroto Kuwabara, Johns Hopkins Univ, Baltimore, MD; Donald Sashin, Univ of Pittsburgh, Pittsburgh, PA; Nicholas Bircher, Maxim Hammer, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Yue-fang Chang, Univ of Pittsburgh Medical Ctr, Pennsylvania, PA; Vivek Reddy, Tudor Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Nirav Vora, Riverside Radiology and Interventional Associates, Marion, OH; Mouhammad Jumaa, Promedica Regional Hosp, Toledo, OH; Lori Massaro, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Julia Billigen, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Fernando Boada, New York Univ, New York City, NY; Keisuke Matsubara, Res Inst for Brain and Blood Vessels, Akita, Japan; Howard Yonas, Univ of New Mexico, Albuquerque, NM

Poster Board Number LBP31 / Presentation Number LBP31
3K3A-APC Promotes Post-ischemic Neuronal Repair by Human Neural Progenitor Cells in Mice
Yaoming Wang, Zhen Zhao, Sanket V Rege, Min Wang, Gabriel Si, Dept of Physiology and Biophysics and the Zilkha Neurogenetic Inst, Keck Sch of Med of the Univ of Southern California, Los Angeles, CA; Su Wang, Ctr for Translational Neuromedicine and the Dept of Neurology, Rochester, NY; John H Griffin, Dept of Molecular and Experimental Med, The Scripps Res Inst, La Jolla, CA; Steven A Goldman, Ctr for Translational Neuromedicine and the Dept of Neurology, Univ of Rochester Medical Ctr, Rochester, NY; Berislav V Zlokovic, Dept of Physiology and Biophysics and the Zilkha Neurogenetic Inst, Keck Sch of Med of the Univ of Southern California, Los Angeles, CA

Poster Board Number LBP32 / Presentation Number LBP32
Fried-breadstick Sign: A Novel Imaging Marker of Laminar Flow on Magnetic Resonance Angiography in Intracranial Atherosclerosis
Yannan Yu, Yuyuan Xu, Xue Man, Mingli Li, Bo Hou, Shan Gao, Feng Feng, Peking Union Medical Coll Hosp, Beijing, China; David S Liebeskind, Neurovascular Imaging Res Core and UCLA Stroke Ctr, Los Angeles, CA; WeiHai Xu, Peking Union Medical Coll Hosp, Beijing, China

Poster Board Number LBP33 / Presentation Number LBP33
Do Patients at a Higher Risk for an Ischemic Stroke Have an Altered Peripheral Blood or Bone Marrow Cellular Composition?
Rohan B Parikh, Anne-Cecile Huy, Lourdes Chacon, Ariadna Contreras, Micheline Resende, Texas Heart Institute, Houston, TX; Margorie Carlson, University of Minnesota, Minneapolis, MN; Lem Moye, Univ of Texas Sch of Public Health, Houston, TX; Jay H Traverse, Minneapolis Heart Inst Fndn at Abbott Northwestern Hosp, Minneapolis, MN; Timothy D Henry, Cedars-Sinaí Medical Inst, Los Angeles, CA; Doris A Taylor, Texas Heart Institute, Houston, TX

Poster Board Number LBP34 / Presentation Number LBP34
Improving Rheo-Erythrocrine Functions: A Novel Therapeutic Approach for Efficient Cerebral Blood Flow (CBF) After Acute Ischemic Stroke (AIS)
Sumbul Fatima, Chirayu D Pandya, Babak Baban, Krishnan M Dhandapani, Md Nasrul Hoda, Augusta Univ, Augusta, GA

Poster Board Number LBP35 / Presentation Number LBP35
Assessing Reperfusion in Recanalized Ischemic Stroke Patients Treated With Intra-Arterial Therapy Using CT Perfusion
Krishnan M Dhandapani, Md Nasrul Hoda, Augusta Univ, Augusta, GA

Poster Board Number LBP36 / Presentation Number LBP36
<Geographic Analysis of Stroke Center Availability in Taiwan: Possible Impact on Stroke Patients Outcomes of Distance to Stroke Centers>
Dorji Harmond, Ta Chien Chen, Chu Hui Chang, Taipei Medical Univ Hosp, Taipei, Taiwan
Moderator: Roberta Novakovic, MD, Dallas, TX

Poster Board Number MP1 / Presentation Number TMP1
Distal Hyperintense Vessels Score on Flair is a Marker of Collateral Flow Grade and Outcomes in Patients with Acute Ischemic Stroke After Endovascular Therapy
Masatomo Miura, Makoto Nakajima, Graduated Sch of Medical Sciences, Kumamoto Univ, Kumamoto, Japan; Kunihiko Otake, Kumamoto Univ, Kumamoto, Japan; Akira Tsujino, Kyushu Univ, Fukuoka, Japan; Shinichi Yoshimura, Kyushu Univ, Fukuoka, Japan

Poster Board Number MP2 / Presentation Number TMP2
Postoperative Luxury Perfusion on Arterial Spin Labeling MRI Indicates Reperfusion Injury and Hemorrhagic Complication After Endovascular Mechanical Thrombectomy
Eisaku Sadakata, Nobutaka Horie, Yoichi Morofuji, Yohei Tateishi, Tsuyoshi Izumo, Minoru Morikawa, Akihito Tsujino, Takayuki Matsuou, Nagasaki Univ Sch of Med, Nagasaki, Japan

Poster Board Number MP3 / Presentation Number TMP3
Which is a Better Predictor of Clinical Outcome After Endovascular Thrombectomy, Pre-treatment DWI ASPECTS or CT Perfusion?
Tomohide Yoshie, Toshihiko Ueda, Tatsuro Takada, Shinji Nogoshi, Satoshi Takaishi, Takayuki Fukano, Daiki Tokura, Yoshiaki Tokuyama, Ryuuic Yamamoto, Kentaro Tatsuno, St Marianna Univ-Toyoko Hosp, Kawasaki, Japan

Poster Board Number MP4 / Presentation Number TMP4
Serial ASPECTS from Baseline to 24 Hours: Impact of Endovascular Therapy in STRATIS
David S Liebeskind, Graham W Wolff, Neurovascular Imaging Res Core, Los Angeles, CA; Nils H Mueller-Kronast, Delray Medical Ctr/Tenet South Florida, Delray Beach, FL; M Ali Aziz-Sultan, Brigham and Women’s Hosp, Boston, MA; Michael T Froehler, Vanderbilt Univ Medical Ctr, Nashville, TN; Richard P Klucznik, Methodist Hosp, Memphis, TN; Diogo C Haussen, Huashan Hosp, Shanghai, China; Pratik Y Chhatbar, Shimeng Liu, Medical Univ of South Carolina, Charleston, SC; Qiang Dong, Huashan Hosp, Fudan Univ, Shanghai, China; Pratik Y Chhatbar, Shimeng Liu, Medical Univ of South Carolina, Charleston, SC; Qiang Dong, Huashan Hosp, Fudan Univ, Shanghai, China; David S Liebeskind, University of California, Los Angeles, CA; Graham W Wolff, Providence Health and Services, Portland, OR

Poster Board Number MP5 / Presentation Number TMP5
The Smoking-Thrombolysis Paradox in Large Vessel Occlusion Acute Ischemic Stroke Undergoing Endovascular Therapy
Mehdi Boualam, Leticia C Rebello, Diogo C Haussen, Jonathan A Grossberg, Frank R Hellinger Jr, Florida Hosp, Orlando, FL; Dileep R Yavagal, Univ of Miami/Southern California, Los Angeles, CA; Osama O Zaidat, St Vincent Mercy Med Ctr, Toledo, OH; Diogo C Haussen, Emory Univ Sch of Med / Grady Memorial Hosp, Atlanta, GA; Frank R Hellinger Jr, Florida Hosp, Orlando, FL; Dileep R Yavagal, Univ of Miami/Jackson Memorial Hosp, Miami, FL; Tom L Yao, Norton Neuroscience Inst, Louisville, KY; Reza Jahan, UCLA, Los Angeles, CA; for the STRATIS Investigators

Poster Board Number MP6 / Presentation Number TMP6
The Smoking-Thrombolysis Paradox in Large Vessel Occlusion Acute Ischemic Stroke Undergoing Endovascular Therapy
Mehdi Boualam, Leticia C Rebello, Diogo C Haussen, Jonathan A Grossberg, Frank R Hellinger Jr, Florida Hosp, Orlando, FL; Dileep R Yavagal, Univ of Miami/Southern California, Los Angeles, CA; Osama O Zaidat, St Vincent Mercy Med Ctr, Toledo, OH; Diogo C Haussen, Emory Univ Sch of Med / Grady Memorial Hosp, Atlanta, GA; Frank R Hellinger Jr, Florida Hosp, Orlando, FL; Dileep R Yavagal, Univ of Miami/Jackson Memorial Hosp, Miami, FL; Tom L Yao, Norton Neuroscience Inst, Louisville, KY; Reza Jahan, UCLA, Los Angeles, CA; for the STRATIS Investigators

Poster Board Number MP7 / Presentation Number TMP7
Endovascular Stroke Therapy Abrogates Sex-Related Differences in Recanalization in Acute Ischemic Stroke
Sunil A Sheth, Univ of California, Los Angeles, Los Angeles, CA; Steven Warach, Univ of Texas at Austin, Austin, TX; Jan Gralla, Dept of Diagnostic and Interventional Neuroradiology, Inselspital, Univ of Bern, Berne, Switzerland; Reza Jahan, Univ of California, Los Angeles, Los Angeles, CA; Mayank Goyal, Dept of Diagnostic and Interventional Neuroradiology, Univ of Calgary, Calgary, AB, Canada; Raul Nogueira, Emory Univ, Atlanta, GA; Osama Zaidat, St Vincent Mercy Medical Ctr, Toledo, OH; Vitor Pereira, Div of Neuroradiology, Toronto Western Hosp, Toronto, ON, Canada; Adnan Siddiqui, State Univ of New York-Buffalo, Buffalo, NY, Helmi Lutsep, Oregon Health Sciences Univ, Portland, OR; David Liebeskind, Univ of California, Los Angeles, Los Angeles, CA; Louise McCullough, Univ of Texas at Houston, Houston, TX; Jeffrey L Saver, Univ of California, Los Angeles, Los Angeles, CA

Poster Board Number MP8 / Presentation Number TMP8
Predictors of Large Vessel Occlusion in Kaper Stroke EXPRESS Program
Jeffrey G Klingman, Anne C Kim, Kaper Permanente, Walnut Creek, CA; Meghan Hatfield, Kaper Permanente, Oakland, CA; Benjamin Wilson, Lauren Klingman, Georgetown Univ, Washington DC, DC; Mai N Nguyen-Huyhn, Kaper Permanente, Oakland, CA; on behalf of KPNC Stroke FORCE team

Poster Board Number MP9 / Presentation Number TMP9
Impact on Mechanical Thrombectomy Time Efficiencies Following Hospital Bypass Protocol Implementation: Northwest Ohio Experience
Sharjeel Panjwani, Univ of Toledo Medical Ctr, Toledo, OH; Julie Shawwer, Promedica Toledo Hosp, Toledo, OH; Rami Abdelaziz, Gretchen Tietjen, Mouhammad Jumaa, Syed Zaidi, Univ of Toledo Medical Ctr, Toledo, OH

Poster Board Number MP10 / Presentation Number TMP10
Endovascular Thrombectomy Has Benefits on Population-level Stroke-related Disability and Mortality Disproportionate to Its Numerical Frequency
Konark Malhotra, Charlottesville Area Medical Ctr, Charlottesville, VA; Jeffrey L Saver, Univ of California, Los Angeles, Los Angeles, CA

Poster Board Number MP11 / Presentation Number TMP11
Endovascular Thrombectomy Works Better Wn Time from Stroke Onset to Clot Contact Is Shorter
Raphael Blanc, Hocien Redjem, Gabriele Cicco, Stanislas Smadja, Jean Philippe Desilles, Fondation Rothschild, Paris, France; Julien Labreuche, CHU Lille, Lille, France; Mikael Mazighti, Fondation Rothschild, Paris, France; Bertrand Lapergue, Foch Hosp, Paris, France; Michel Ploton, Fondation Rothschild, Paris, France

Poster Board Number MP12 / Presentation Number TMP12
Aspiration Thrombectomy: Impact on Mechanical Thrombectomy Time Efficiencies Following Hospital Bypass Protocol Implementation: Northwest Ohio Experience
Sharjeel Panjwani, Univ of Toledo Medical Ctr, Toledo, OH; Julie Shawwer, Promedica Toledo Hosp, Toledo, OH; Rami Abdelaziz, Gretchen Tietjen, Mouhammad Jumaa, Syed Zaidi, Univ of Toledo Medical Ctr, Toledo, OH

Poster Board Number MP13 / Presentation Number TMP13
Safety and Efficacy of Lower Dose versus Standard Dose r-tPA: A Meta-Analysis
Dong Yi, Huashan Hosp, Fudan Univ, Shanghai, China; Pratik Y Chhatbar, Shimeng Liu, Medical Univ of South Carolina, Charleston, SC; Qiang Dong, Huashan Hosp, Fudan Univ, Shanghai, China; Bruce Ovbiagele, Wuwei Feng, Medical Univ of South Carolina, Charleston, SC

Poster Board Number MP14 / Presentation Number TMP14
Should 45-Minute Door to Needle Time be the New Standard of Care? Analysis of Categorized Treatment Time in a Large, Multi-hospital Registry
Amit Kansaria, Lindsay Lucas, Leslie Corless, Archit Bhatt, Elizabeth Baraban, Providence Health and Services, Portland, OR

Poster Board Number MP15 / Presentation Number TMP15
Efficacy and Safety of Ticagrelor in Relation to Time to Loading Dose in the SOCRATES Trial
Carlos A Molina, Hosp Vall d’Hebron, Barcelona, Spain; S Claiborne Johnston, Univ of Texas at Austin, Austin, TX; Pierre Amarenco, Paris Diderot Univ, Paris, France; Gregory W Albers, Stanford Univ, Stanford, CA; Hans Denison, AstraZeneca, Möln达尔, Sweden; J Donald Easton, Univ of California, San Francisco, CA; Scott R Evans, Harvard Univ, Boston, MA; Peter Held, Jenny Jonasson, Per Ladenvall, AstraZeneca, Möln达尔, Sweden; Kazuo Minematsu, Natt Cerebral and Cardiovascular Ctr, Saitama, Japan; Joachim Röther, Asklepion Klinik Hamburg Altona, Hamburg, Germany; Yongjun Wang, Beijing Tiannan Hosp, Beijing, China; KS Lawrence Wang, Chinese University of Hong Kong, Shatin, Hong Kong; SOCRATES Steering Committee and Investigators

Moderator: TBD

Poster Board Number MP16 / Presentation Number TMP16
Acute Nonendovascular Treatment

Acute Endovascular Treatment

Acute Endovascular Treatment

SECTION 1

Acute Nonendovascular Treatment

SECTION 2
SECTION 3

Moderated Poster Tour

TMP26 – TMP37

Poster Board Number MP25 / Presentation Number TMP25
Effects of Age and Ethnicity on the Benefits and Risks of Low-versus Standard-dose Alteplase in Acute Ischemic Stroke Patients: The Enchanted Trial
Xia Wang, The George Inst for Global Health, Sydney, Australia; Thompson Robinson, Univ of Leicester, Leicester, United Kingdom; Hisatomi Arima, Shiga Univ of Medical Sciences, Shiga, Japan; Joseph Broderick, Univ of Cincinnati Neuroscience Inst, Univ of Cincinnati, Cincinnati, OH; Andrew Demchuk, Hotchkiss Brain Inst, Univ of Calgary, Calgary, CA, Canada; Geoffrey Donnan, Univ of Melbourne, Melbourne, Australia; Jong Kim, Univ of Ulsan, Asan Medical Ctr, Seoul, Korea, Republic of; Pablo Lavados, Facultad de Medicina, Clinica Alemana Univ del Desarrollo, Santiago, Chile; Tsong Hai Lee, Linkou Chang Gung Memorial Hosp and Coll of Med, Chang Gung Univ, Taoyuan, Taiwan; Richard Lindley, Westmead Clinical Sch, Univ of Sydney, Sydney, Australia; Sheila Martins, Hosp de Clinicas de Porto Alegre, Univ of Rio Grande do Sul, Porto Alegre, Brazil; Jeayar Pandian, Christian Medical Coll, Punjab, India; John Chalmers, Craig Anderson, The George Inst for Global Health, Sydney, Australia

Cerebral Large Artery Disease

Moderator: Seemant Chaturvedi, MD, FAHA, Miami, FL

Poster Board Number MP26 / Presentation Number TMP26
Existence of Neutrophil Extracellular Traps in Arterial Thrombi from Patients with Acute Ischemic Stroke
Wei Li, Huan Wang, Daping Hosp, Third Military Medical Univ, Chongqing, China; Wuwei Feng, Medical Univ of South Carolina, Chongqing, SC; Meng Zhang, Daping Hosp, Third Military Medical Univ, Chongqing, China

Poster Board Number MP27 / Presentation Number TMP27
Role of HIV-related Immune Activation and Plaque Vulnerability: Results From the Brain Arterial Remodeling Study

Poster Board Number MP28 / Presentation Number TMP28
Aging Predicts Levels of Antiangiogenic Factors and Stroke in Intracranial Atherosclerosis
Nestor R Gonzalez, Florian Kurth, Raymond J Liu, Shlee Song, Michael J Alexander, Wouter Schievink, Michael Schiraldi, Cedars-Sinai, Los Angeles, CA; Jeffrey Saver, UCLA, Los Angeles, CA

Poster Board Number MP29 / Presentation Number TMP29
Non-invasive Identification of Culprit Carotid Atheroma Using Sodium Fluoride-positron Emission Tomography
Nicholas R Evans, Jason M Tarkin, Univ of Cambridge, Cambridge, United Kingdom; Mohammed M Chowdhury, Cambridge Univ Hosp NHS Fndn Trust, Cambridge, United Kingdom; Sangam Malani, James H Rudd, Elizabeth A Warburton, Univ of Cambridge, Cambridge, United Kingdom

Poster Board Number MP30 / Presentation Number TMP30
Antiangiogenesis as a Predictor of Systemic Atherosclerosis
Nestor R Gonzalez, Raymond Liu, Florian Kurth, Shlee Song, Michael J Alexander, Wouter Schievink, Michael Schiraldi, Cedars-Sinai, Los Angeles, CA; Jeffrey Saver, UCLA, Los Angeles, CA

Poster Board Number MP31 / Presentation Number TMP31
Hypercute Extracranial Internal Carotid Artery Stenting vs Angioplasty: Which is the Best for Recanalization?
Noelia Rodriguez-Villatoro, David Rodriguez-Luna, Marc Ribó, Marian Muchada, Jorge Agapita, Sandra Bond, Jesus M Juega, Stroke Unit, Vall d’Hebron Univ Hosp, Barcelona, Spain; Pablo Espinosa, Carla Vert, Neuroradiology Dept, Vall d’Hebron Univ Hosp, Barcelona, Spain; Marta Rubiera, Stroke Unit, Vall d’Hebron Univ Hosp, Barcelona, Spain; José Alvarez-Sabin, Neurology Dept, Vall d’Hebron Univ Hosp, Barcelona, Spain; Alejandro Tomasello, Neuroradiology Dept, Vall d’Hebron Univ Hosp, Barcelona, Spain; Carlos A Molina, Stroke Unit, Vall d’Hebron Univ Hosp, Barcelona, Spain

Poster Board Number MP17 / Presentation Number TMP17
Safety of Thrombolysis for Acute Ischemic Stroke in Patients with Recent Stroke

Poster Board Number MP18 / Presentation Number TMP18
An Analysis of Fixed Dose IV Recombinant Tissue Plasminogen Activator (rtPA) and Clinical Outcome in Acute Ischemic Stroke Patients with Body Weight >100 kg: Pooled Data From Three Randomized Clinical Trials
Shahram Majidi, Christopher Leon Guerrero, Kathleen Burger, George Washington Univ, Washington, DC; Adnan Qureshi, Zeenat Qureshi Stroke Res Inst, St Cloud, MN

Poster Board Number MP19 / Presentation Number TMP19
Intravenous Recombinant Tissue-type Plasminogen Activator Use in Young Adults With Acute Ischemic Stroke
Jordi A Dodds, Ying Xian, Shubin Sheng, Duke Univ, Durham, NC, Gregg Fonarow, UCLA Medical Ctr, Durham, NC; Ronald A Matsouka, Duke Univ, Durham, NC; Deepak L Bhatt, Brigham and Women’s Hosp, Durham, MA; Eric Peterson, Duke Univ, Durham, NC; Lee H Schwamm, Massachusetts General Hosp, Boston, MA; Eric E Smith, Univ of Calgary, Calgary, AB, Canada

Poster Board Number MP20 / Presentation Number TMP20
Efficacy and Safety of Ticagrelor in Relation to Prior Aspirin Usage in the SORCATES Trial
KS Lawrence Wong, Chinese Univ of Hong Kong, Shatin, Hong Kong; Pierre Amarenco, Paris Diderot Univ, Paris, France; Gregory W Albers, Stanford Univ, Stanford, CA; Hans Denison, AstraZeneca, Mönköld, Sweden; J Donald Easton, Univ of California, San Francisco, CA; Scott R Evans, Harvard Univ, Boston, MA; Peter Held, Jenny Jonasson, AstraZeneca, Mönköld, Sweden; Scott E Kasner, Univ of Pennsylvania, Philadelphia, PA; Per Ladenvall, AstraZeneca, Mönköld, Sweden; Kazuo Minematsu, Naiti Cerbral and Cardiovascular Ctr, Saita, Osaka, Japan; Carlos A Molina, Hosp Vall d’Hebron, Barcelona, Spain; Yongjun Wang, Beijing Tianlian Hosp, Beijing, China; S Claiborne Johnston, Univ of Texas at Austin, Austin, TX; SORCATES Steering Committee and Investigators

Poster Board Number MP21 / Presentation Number TMP21
Intravenous Thrombolysis with Alteplase for Acute Ischemic Stroke in Patients with Thrombocytopenia
Ashkan Movla, Haris Kamali, Navdeep Lail, Rick Magun, Sandhya Mehra, Annmarie Crumlish, Christopher Deline, Marliou Ching, Robert N Sawyer, State Univ of New York at Buffalo, Buffalo, NY

Poster Board Number MP22 / Presentation Number TMP22
Thrombus Volume as Predictor of Successful Recanalization in the Acute Stroke Patients With Thrombolytic Treatment
Joonsang Yoo, Jang-Hyun Baek, Yong Kim Hosp Coll of Med, Seoul, Korea, Republic of; Dongbeom Song, Univ of Calgary, Calgary, AB, Canada; Kyungsub Kim, Young Dae Kim, Hye Suk Nam, Ji Hoe Heo, Yonsei Univ Coll of Med, Seoul, Korea, Republic of

Poster Board Number MP23 / Presentation Number TMP23
Intravenous Thrombolysis in Unknown-onset Stroke
Laura Dorado, Hosp Univirn Gerais Trias i Pujol, Badalona, Spain; Niaz Ahmed, Karolinska Univ Hosp, Stockholm, Sweden; Götz Thomalla, Medical Ctr Hamburg-Eppendorf, Hamburg, Germany; Manuel Lozano, Hosp Univirn Gerais Trias i Pujol, Badalona, Spain; Branko Malajdic, Univ Hosp Ctr Zagreb, Zagreb, Croatia; Mustfaq Wani, Morriston Hosp, Swansea, United Kingdom; Mónica Millán, Hosp Univirn Gerais Trias i Pujol, Badalona, Spain; Áles Tomek, Motol Univ Hosp, Prague, Czech Republic; Antonio Dávalos, Hosp Univirn Gerais Trias i Pujol, Badalona, Spain

Poster Board Number MP24 / Presentation Number TMP24
Analysis of Adjudicated Edema Endpoints in the Glyburide Advantage in Malignant Edema and Stroke (GAMES-RP) Trial
W Taylor Kimberly, Massachusetts General Hosp, Boston, MA; Ruediger von Kummer, Dresden Univ, Dresden, Germany; Andrew Demchuk, Univ of Calgary, Calgary, AB, Canada; Javier Romero, Massachusetts General Hosp, Boston, MA; Jordan J Elm, Medical Univ of South Carolina, Charleston, SC; Holly Hinson, Oregon Health and Science Univ, Portland, OR; Bradley J Molyneaux, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Kevin Sheft, Yale New Haven Hosp, New Haven, CT
Poster Board Number MP48 / Presentation Number TMP48
Longitudinal Course of Depressive Symptoms Following Stroke: Preliminary Results From the Discharge Educational Strategies for Reduction of Vascular Events (DESERVE) Study
Emily Goldmann, Bernadette Boden-Albala, New York Univ, New York, NY

Poster Board Number MP49 / Presentation Number TMP49
Depressive Symptoms After Stroke are Linked Longitudinally between Stroke Survivors and Their Family Caregivers
David L Roth, Orla C Sheehan, Jin Huang, Johns Hopkins Univ, Baltimore, MD; David Rhodes, Suzanne E Judd, Univ of Alabama at Birmingham, Birmingham, AL; William E Haley, Univ of South Florida, Tampa, FL

Poster Board Number MP50 / Presentation Number TMP50
Risk Factors Moderated Poster Tour II

SECTION 5

Moderator: Karen C Johnston, MD, FAHA, Charlottesville, VA

Poster Board Number MP51 / Presentation Number TMP51
Ischemic Stroke in Patient with Primary Brain Tumors: Mechanisms and Risk of Recurrence
Jaclyn E Burch, Neal S Parikh, Hooman Kamel, Dept of Neurology, Weill Cornell Med and Clinical and Translational Neuroscience Unit, Fei Family Brain and Mind Res Inst, New York, NY; Lisa M DaAngeli, Memorial Sloan Kettering Cancer Ctr, New York, NY; Babak B Navi, Dept of Neurology, Weill Cornell Med; Clinical and Translational Neuroscience Unit, Fei Family Brain and Mind Res Inst; Dept of Neurology, Memorial Sloan Kettering Cancer Ctr, New York, NY

Poster Board Number MP52 / Presentation Number TMP52
Psychiatric Hospitalization Increases Short-Term Risk of Stroke: A Case-Crossover Analysis

Poster Board Number MP53 / Presentation Number TMP53
Preeclampsia Leads to Long Term Cerebral White Matter Damage and Cerebral Atrophy: a Magnetic Resonance Imaging Study

Poster Board Number MP54 / Presentation Number TMP54
Seasonal Patterns of Ischemic Stroke in the United States
Stacy N Chu, Yale Univ, New Haven, CT; Marguerite Cox, Duke Clinical Res Inst, Durham, NC; Gregg C Fonarow, Univ of California Los Angeles, Los Angeles, CA; Eric Smith, Univ of Calgary, Calgary, AB, Canada; Lee H Schwamm, Deepak J Bhatt, Harvard Univ, Boston, MA; Ying Xian, Roland Matsouka, Duke Clinical Res Inst, Durham, NC; Kevin N Sheh, Yale Univ, New Haven, CT

Poster Board Number MP55 / Presentation Number TMP55
Polysonomographic and Sleep-related Variables Associated to Leukoaraiosis in Patients with Obstructive Sleep Apnea
Kevin N Duque, Brian Villafuerte, Fiorella Adianteen, Rodrigo Zamudio, Andrea Mandiola, Hypnos Inslo del Sueno, Lima, Peru; Tito Navarro, Clinica San Felipe, Lima, Peru; Darwin Vizcarra, Hypnos Inslo del Sueno, Lima, Peru

Poster Board Number MP56 / Presentation Number TMP56
Differential Effect of Left versus Right White Matter Hyperintensity Burden on Functional Decline: The Northern Manhattan Study
Mandip S Dharmoo, Icahn Sch of Med at Mount Sinai, New York, NY; Ying-Kuen Cheung, Columbia Univ, New York, NY; Ahmet M Bagci, Univ of Miami, Miami, FL; Dalila Varela, Columbia Univ, New York, NY; Neam Alperin, Univ of Miami, Miami, FL; Mitchell S Elkind, Columbia Univ, New York, NY; Ralph L Sacco, Clinton B Wright, Univ of Miami, Miami, FL

Poster Board Number MP57 / Presentation Number TMP57
Cerebral Oxygen Metabolism as a Biomarker to Stratify Stroke Risk in Young Adults with Sickle Cell Disease

Poster Board Number MP58 / Presentation Number TMP58
Determinants of White Matter Hyperintensity in Acute Ischemic Stroke Patients: The MRI-GENIE Study
Anne-Katrin Giese, Markus D Schirmer, Massachusetts General Hosp, Harvard Medical Sch, Boston, MA; Adrian V Dalca, Ramesh Sridharan, Computer Science and Artificial Intelligence Lab, MIT, Cambridge, MA; Lisa Cloonan, Massachusetts General Hosp, Harvard Medical Sch, Boston, MA; Huichun Xu, Univ of Maryland Sch of Med, Baltimore, MD; John W Cole, Univ of Maryland Sch of Med and Veterans Affairs Maryland Health Care System, Baltimore, MD; Patrick F McArdle, Univ of Maryland Sch of Med, Baltimore, MD; Joseph P Broderick, Univ of Cincinnati Coll of Med, Cincinnati, OH; Jordi Jimenez-Conde, IMIM-Hosp del Mar (Inst Hosp del Mar d’Investigacions Médiques), Univ Autonoma de Barcelona, Barcelona, Spain; Christina Jern, Inst of Biomedicine, the Sahlgrenska Acad at Univ of Gothenburg, Gothenburg, Sweden; Brett M Kisela, Dawn O Kleindorfer, Univ of Cincinnati Coll of Med, Cincinnati, OH; Robin Lemmens, KU Leuven – Univ of Leuven, Leuven, Belgium; Arne Lindgren, Lund Univ, Skåne Univ Hosp, Lund, Sweden; James F Meschia, Mayo Clinic, Jacksonville, FL; Tatjana Rundek, Ralph L Sacco, Miller Sch of Med, Univ of Miami, Miami, FL; Reinhold Schmidt, Medical Univ Graz, Graz, Austria; Pankaj Sharma, Inst of Cardiovascular Res, Royal Holloway Univ of London (ICR2UL), Egham, United Kingdom; Agnieszka Slowik, Jagiellonian Univ Medical Coll, Krakow, Poland; Vincent Thijs, Melbourne Brain Ctr, Florey Inst of Neuroscience and Mental Health, Heidelberg, Australia; Daniel Wu, Univ of Cincinnati Coll of Med, Cincinnati, OH; Bradford B Worrall, Univ of Virginia, Charlottesville, VA; Ona Wu, Massachusetts General Hosp, Harvard Medical Sch, Boston, MA; Steven J Kthner, Univ of Maryland Sch of Med and Veterans Affairs Maryland Health Care System, Baltimore, MD; Braxton D Mitchell, Univ of Maryland Sch of Med, Veterans Admin Medical Ctr, Baltimore, MD; Jonathan Rosand, Massachusetts General Hosp, Harvard Medical Sch, Boston, MA; Polina Golland, Computer Science and Artificial Inte

Poster Board Number MP59 / Presentation Number TMP59
Interplay of Racial and Geographical Differences in Stroke Type and Risk Factors Among Indigenous West Africans; African Americans and European Americans
Mayowa Owoibi, Univ of Ibadan, Ibadan, Nigeria; George Howard, UAB, Birmingham, AL; Mulugea Gebregziabher, Medical Univ of South Carolina, Charleston, SC; Fred Sarfo, Kwame Nkruma Univ of Technology, Kumasi, Ghana; Ryan Irvin, UAB, Birmingham, AL; Kevin Armstrong, Medical Univ of South Carolina, Birmingham, AL; Rufus Akinenyi, Univ of Ibadan, Ibadan, Nigeria; Hemant Tiwari, UAB, Birmingham, AL; Dan Lackland, Medical Univ of South Carolina, Charleston, SC; Aleena Bennett, UAB, Birmingham, AL; Donna Amett, Univ of Kentucky, Lexington, KY; Virginia Howard, UAB, Birmingham, AL; Bruce Ovbiagele, Medical Univ of South Carolina, Charleston, SC

Poster Board Number MP60 / Presentation Number TMP60
A Prospective Study of Serum Metabolites and Risk of Ischemic Stroke
Bing Yu, Univ of Texas Health Science Ctr at Houston, Houston, TX; Rebecca F Gottesman, Johns Hopkins Univ, Baltimore, MD; Thomas H Mosley, Univ of Mississippi Medical Ctr, Jackson, MS; Eric Boenwang, Myriam Fennige, Univ of Texas Health Science Ctr at Houston, Houston, TX

Poster Board Number MP61 / Presentation Number TMP61
Preliminary Results of a Population Based Outcomes Pilot Study: the Greater Cincinnati/Northern Kentucky Stroke Study
Brett M Kisella, Kathleen A Aweall, Univ of Cincinnati, Cincinnati, OH; Jane Khouy, Cincinnati Children’s Hosp Medical Ctr, Cincinnati, OH; Charles J Moomaw, Mayo Clinic, Jacksonville, FL; Daniel Woo, Mattheh L Flaherty, Michael Star, Univ of Cincinnati, Cincinnati, OH; Stacie L Demel, Michigan State Univ, Lansing, MI; Simona Ferroci, Univ of Cincinnati, Cincinnati, OH; Jason Mackey, Indiana Univ, Indianapolis, IN; Dawn Kleindorfer, Univ of Cincinnati, Cincinnati, OH
Moderator: Bruce Campbell, MBBS, Parkville, Australia

Poster Board Number MP62 / Presentation Number TMP62

Utility of the Los Angeles Motor Scale to Identify Emergency Large Vessel Occlusion in Acute Stroke
Prasannama Tadi, Pranav Reddy, Sranvanti Pemmasani, Nasir Fakhr, Matthew Siket, Mahesh V Jayaraman, Ryan McTaggart, Ali Saad, Shadi Yaghini, Jason T Machan, Brian Silver, Brown Univ, Providence, RI

Poster Board Number MP63 / Presentation Number TMP63

Large Vessel Occlusion Triage Scales Struggle With Atypical Presentations but Misclassifications Are Rarely Detrimental
Henry Zhao, Royal Melbourne Hosp, Melbourne, Australia; Skye Coote, Helen M Dewey, Eastern Health, Melbourne, Australia; Stephen M Davis, Bruce C Campbell, Royal Melbourne Hosp, Melbourne, Australia

Poster Board Number MP64 / Presentation Number TMP64

Single Stroke Symptoms Cannot Predict Large Vessel Occlusion in Patients With Acute Ischemic Stroke With A High Reliability
Jon Schroch, MetroHealth Medical Ctr, Cleveland, OH; Ashley Markowski, Lake Erie Coll of Osteopathic Med, Erie, PA

Poster Board Number MP65 / Presentation Number TMP65

Depth of Hospital Participation in Telestroke is Associated with Faster Door-to-Needle Time for Stroke Patients
Arianna Moreno, Arizona State Univ, Phoenix, AZ; Khawja A Saddiqui, Baylor Univ, Houston, TX; Anand Viswanathan, Cynthia Whiteley, Natalia Rost, Lee H Schwamm, Kori Sauser Zachrisen, Massachusetts General Hosp, Boston, MA

Poster Board Number MP66 / Presentation Number TMP66

Safety of Urgent Computed Tomographic Angiography in the Evaluation of Patients with Acute Stroke
Rami A Aziz, Sharjeel Panjwani, Mouhammad A Jumaa, Univ of Toledo Medical Ctr, Toledo, OH; Julie Shawver, Promedica The Toledo Hosp, Toledo, OH; Syed F Zaidi, Univ of Toledo Medical Ctr, Toledo, OH

Poster Board Number MP67 / Presentation Number TMP67

Impact of Pre-Hospital Stroke Stroke Alerts and Parallel Process on Door-to-Puncture Times in Large Vessel Occlusion
Brijesh P Mehta, Memorial Healthcare System, Hollywood, FL; Raul G Nogueira, Emory Univ Sch of Med, Atlanta, GA; Mayank Goyal, Bijoy K Menon, Eric E Smith, Univ of Calgary, Calgary, AB, Canada; Randy Katz, Peter Antevy, Memorial Healthcare System, Hollywood, FL; Ashutosh P Jadhav, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Thabile M Leslie-Mazwi, Massachusetts General Hosp, Boston, MA; Roni V Chandra, Monash Univ, Melbourne, Australia; Haong D Duong, Memorial Healthcare System, Hollywood, FL; Mark Ellis, Hallandale Beach EMS, Hallandale Beach, FL; Timothy S Roche, Miramar EMS, Miramar, FL; Albert J Yoo, Texas Stroke Inst, Dallas, TX

Poster Board Number MP68 / Presentation Number TMP68

Expanding a Learning Collaborative Model in Chicago to Improve Door to Needle for Stroke Thrombosis: Raising the Bar
Shyam Prabahakaran, Northwestern Univ Feinberg Sch of Med, Chicago, IL; Renee M Selniew, Kathleen O’Neill, American Heart Association, Midwest Affiliate, Chicago, IL

Poster Board Number MP69 / Presentation Number TMP69

Incidence of Intracranial Hemorrhage After Intravenous Thrombolysis in Telestroke
Nabeel A Herial, Evan M Fitchett, Maureen DePrince, Giuliana Labella, Kimon Bekelis, Matthew Reynolds, Pascal M Jabbour, Robert H Rosenwasser, Stavroupola I Tjomakaris, Thomas Jefferson Univ, Philadelphia, PA

Poster Board Number MP70 / Presentation Number TMP70

The Emergency Department Screen is Associated with Lower Rates of Pneumonia in Acute Hemorrhagic Stroke Patients
Jon Schroch, MetroHealth Medical Ctr, Cleveland, OH; Benjamin Ball, Case Western Reserve Univ Coll of Med, Cleveland, OH

Poster Board Number MP71 / Presentation Number TMP71

Increasing Prevalence of Secondary Intracerebral Hemorrhage in Acute Ischemic Stroke
Fadad O Olite, Anita Tipirneni, Priyank Khandelwal, Amer M Malik, Kristine O’phelan, Univ of Miami/Jackson Memorial Hosp, Miami, FL

Poster Board Number MP72 / Presentation Number TMP72

Modeling the Impact of Interhospital Transfer Protocol Design on Mechanical Thrombectomy Eligibility and Outcomes in a Large Metropolitan Area

Poster Board Number MP73 / Presentation Number TMP73

Intraarterial Transfer Time Metrics Study—Southern California Kaiser Permanente and University of Texas Houston Telestroke Network Experience
Tzu-Ching Wu, The Univ of Texas Health Science Ctr at Houston, Houston, TX; Navdeep Sangha, Kaiser Permanente, LAMC, Los Angeles, CA; Ferial N Eltor, The Univ of Texas Health Science Ctr at Houston, Houston, TX; Edgar Olivas, Kaiser Permanente, LAMC, Los Angeles, CA; Christy M Ankom, Shima Bozorgm. Arvind B Bambhroliya, Amanda L Jagolino, Tiffany D Cossey, Sean I Savitz, The Univ of Texas Health Science Ctr at Houston, Houston, TX

Poster Board Number MP74 / Presentation Number TMP74

Muhammad H Niazi, Mohammad El-Ghanem, Kevin Cockroft, Kathy Morrison, Alicia Richardson, Reichwein Raymond, David Ermak, Hershey Medical Ctr Penn State Univ, Hershey, PA

Poster Board Number MP75 / Presentation Number TMP75

Recanalization Therapy is Associated with Lower Odds of 30-Day Readmission: An Analysis of the Nationwide Readmission Database
Farhaan Vahidy, UT-HSC, Houston, TX; John Donnelly, Univ of Alabama, Birmingham, TX; Louise McCoulough, Charles Miller, Jon Tyson, Sean Savitz, UT-HSC, Houston, TX; Karen Albright, Univ of Alabama, Birmingham, TX

Poster Board Number MP76 / Presentation Number TMP76

Stroke Quality-of-care Metrics in Comprehensive and Primary Stroke Centers and Non-stroke Centers
Adam S Jasne, Univ of Cincinnati, Cincinnati, OH; Heidi Sucharew, Cincinnati Children’s Hosp Medical Ctr, Cincinnati, OH; Kathleen Alwell, Charles J Moomaw, Matthew Flaherty, Opeolu Adeoye, Daniel Woo, Univ of Cincinnati, Cincinnati, OH; Sharyl Martin, Michael E DeBakey VA Medical Ctr, Houston, TX; Felipe de los Rios La Rosa, Baptist Health Neuroscience Ctr, Miami, FL; Brett K Kissela, Dawn O Kleinendorf, Univ of Cincinnati, Cincinnati, OH

Poster Board Number MP77 / Presentation Number TMP77

Race and Sex Differences in IPA Utilization Among Older Ischemic Stroke Patients
Michael Lyerly, Univ of Alabama at Birmingham, Birmingham, AL; Farhaan Vahidy, Univ of Texas-Houston, Houston, TX; John Donnelly, Katrina Booth, Karen C Albright, Univ of Alabama at Birmingham, Birmingham, AL

Poster Board Number MP78 / Presentation Number TMP78

Time From Consult Page to Tissue Plasminogen Activator Treatment Over Telestroke Decreases With Experience
Amanda L Jagolino, Shima Bozorgm, Arvind B Bambhroliya, Christy M Ankom, TC D Cossey, Alyssa D Trevino, Sean I Savitz, Tzu Ching Wu, Farhaan Vahidy, The Univ of Texas Health Science Ctr at Houston, Houston, TX
Cognitive Impairment
Demyelination, Cognition and Imaging in a Translational Model of Rat Vascular Poster Board Number MP97 / Presentation Number TMP97 Science Univ, Portland, OR; Nabil J Alkayed, Oregon Health & Science Univ, Syrian Weber, Natalie Roese, Wenri Zhang, Jacob Raber, Oregon Health & Science Permanente, Oakland, CA; Xiushui Ren, Sheila L Chan, Vivek A Rao, Kaiser Alexander C Flint, Kaiser Permanente, Redwood City, CA; Goodarz Danesi, Miguel A Herman, Harvard TH Chan Sch of Public Health, Boston, MA
Poster Board Number MP95 / Presentation Number TMP95 Small Vessel Disease Burden and Clinical Symptoms in Cerebral Amyloid Angiopathy Patients Presenting Without Symptomatic Hemorrhage Gregory Barelous, Andreas Charidimou, Michael J Jesseil, Li Xiong, Duangnapa Roongpiboonsopit, Panagiots Folladis, Marco Pasi, Alison Ayres, M Emily Merrill, Kristin M Schwab, Jonathan Rosand, M Edip Gural, Steven M Greenberg, Anand Viswanathan, Massachusetts General Hospital, Boston, MA
Poster Board Number MP96 / Presentation Number TMP96 Neuroinflammatory Mechanism of Vascular Cognitive Impairment Catherine M Davis, Oregon Health & Science Univ, Portland, OR; Gil Benedek, VA Portland Health Care System, Oregon Health & Science Univ, Portland, OR; Sydney Weber, Natalie Rose, Wenri Zhang, Jacob Racer, Oregon Health & Science Univ, Portland, OR; Halina Offner, VA Portland Health Care System, Oregon Health & Science Univ, Portland, OR; Nabil J Alkayed, Oregon Health & Science Univ, Portland, OR
Poster Board Number MP97 / Presentation Number TMP97 Demyelination, Cognition and Imaging in a Translational Model of Rat Vascular Cognitive Impairment Manan Nath, SUNY Downstate Medical Ctr, Brooklyn, NY; Mark E Wagshul, Albert Einstein Coll of Med, Bronx, NY; Janina Fembiteanu, Daniel M Rosenbaum, Pradeep Selvan, Chidima Anyanwu, Jie Li, Frank C Barone, SUNY Downstate Medical Ctr, Brooklyn, NY
Preventive Strategies Moderated Poster Tour TMP98 – TMP109
Moderator: Jason Sico, MD, Guilford, CT
Poster Board Number MP98 / Presentation Number TMP98 Could Mobile Health be an Effective Strategy for Enhancing Stroke Prevention? Shimeng Liu, Wuwei Feng, Pratik Y Chhatbar, Bruce I Ovbiagele, Medical Univ of South Carolina, Charleston, SC
Poster Board Number MP99 / Presentation Number TMP99 Farmalarm: App for Mobile Devices Improves Risk Factor Control After Stroke Marc Ribot, Estefania Montiel, Estela Sanjuan, Mireia Sanchis, Marta Rubiera, Farmalarm: App for Mobile Devices Improves Risk Factor Control After Stroke Barcelona, Spain
Poster Board Number MP100 / Presentation Number TMP100 Outpatient Statin Adherence is Associated with Reduced Recurrent Stroke Risk in Patients with or without Atrial Fibrillation Alexander C Flint, Kaiser Permanente, Redwood City, CA; Carol Connell, Kaiser Permanente, Oakland, CA; Xiushui Ren, Sheila L Chan, Vivek A Rao, Kaiser Permanente, Redwood City, CA; Hooman Kamel, Cornell Univ, New York, NY; S Claiborne Johnston, TH Chan Sch of Public Health, Boston, MA
Poster Board Number MP101 / Presentation Number TMP101 Mail Order Pharmacy Use is Associated With Greater Adherence to Secondary Preventive Medications and Lower Hospital Readmission Among Stroke Patients William P Neil, Christopher E Shiokari, Kaiser Permanente, San Diego, CA; Raoul J Burchette, Kaiser Permanente, Pasadena, CA; David B Stapleton, Kaiser Permanente, Downey, CA; Bruce Ovbiagele, Medical Univ of South Carolina, Charleston, SC
Preventive Strategies Moderated Poster Tour TMP98 – TMP109
Moderator: Jason Sico, MD, Guilford, CT
Poster Board Number MP98 / Presentation Number TMP98 Could Mobile Health be an Effective Strategy for Enhancing Stroke Prevention? Shimeng Liu, Wuwei Feng, Pratik Y Chhatbar, Bruce I Ovbiagele, Medical Univ of South Carolina, Charleston, SC
Poster Board Number MP99 / Presentation Number TMP99 Farmalarm: App for Mobile Devices Improves Risk Factor Control After Stroke Marc Ribot, Estefania Montiel, Estela Sanjuan, Mireia Sanchis, Marta Rubiera, Marian Muchada, Sandra Bone, Jesus Juege, Noelia Rodriguez, David Rodriguez-Luna, Jorge Pagola, Carlos Molina, Unifat Neurovascular Hosp Vall d’Hebron, Barcelona, Spain
Poster Board Number MP100 / Presentation Number TMP100 Outpatient Statin Adherence is Associated with Reduced Recurrent Stroke Risk in Patients with or without Atrial Fibrillation Alexander C Flint, Kaiser Permanente, Redwood City, CA; Carol Connell, Kaiser Permanente, Oakland, CA; Xiushui Ren, Sheila L Chan, Vivek A Rao, Kaiser Permanente, Redwood City, CA; Hooman Kamel, Cornell Univ, New York, NY; S Claiborne Johnston, TH Chan Sch of Public Health, Boston, MA
Poster Board Number MP101 / Presentation Number TMP101 Mail Order Pharmacy Use is Associated With Greater Adherence to Secondary Preventive Medications and Lower Hospital Readmission Among Stroke Patients William P Neil, Christopher E Shiokari, Kaiser Permanente, San Diego, CA; Raoul J Burchette, Kaiser Permanente, Pasadena, CA; David B Stapleton, Kaiser Permanente, Downey, CA; Bruce Ovbiagele, Medical Univ of South Carolina, Charleston, SC
Vascular Biology in Health and Disease & Vascular Malformations Moderated Poster Tour TMP110 – TMP121
Moderator: Ladislav Pazdera, MD, Rychnov nad Kneznou, Czech Republic
Poster Board Number MP110 / Presentation Number TMP110 Outcomes After Intracerebral Hemorrhage in Patients With Arteriovenous Malformations Santosh Murthy, Alexander E Merkler, Setareh S Omran, Gino Giandini, Costantino Iadecola, Babak B Navi, Hooman Kamel, Clinical and Translational Neuroscience Unit, Feil Family Brain and Mind Res Inst, and Dept of Neurology, Weill Cornell Med, New York, NY
Poster Board Number MP111 / Presentation Number TMP111 Thalidomide and Lenalidomide Treatment Reduces Microhemorrhage in Brain Arteriovenous Malformation in Mice Through Increasing Mural Cell Coverage Wan Zhu, Dingdong Zou, Waniu Chen, Chen Bao, Rui Zhang, Lei Zhan, Zhengqi Li, Meng Zhang, Ethan Winkler, Michael T Lawton, Hua Su, Univ of California, San Francisco, San Francisco, CA
Poster Board Number MP112 / Presentation Number TMP112 Subsequent Hemorrhage in Children With Untreated Brain Arteriovenous Malformation: Higher Risk With Unbalanced Inflow and Outflow Angioarchitecture Li Ma, Yu Chen, Yuanli Zhao, Beijing Tianhan Hosp, Capital Medical Univ, Beijing, China
Poster Board Number MP113 / Presentation Number TMP113 Deletion of Alk1 Gene in Bone Marrow-Derived Endothelial Cells is Sufficient to Cause Brain Arteriovenous Malformation in Mice Man Luo, Qiang Li, Li Ma, Rui Zhang, Lei Zhan, Michael T Lawton, Hua Su, Univ of California, San Francisco, San Francisco, CA
Poster Board Number MP114 / Presentation Number TMP114
Interrogation of Brain Endothelial Cell Gene Expression Reveals Cyclooxygenase-2 as a Therapeutic Target After Subarachnoid Hemorrhage
Michael K Tso, Univ of Calgary, Calgary, AB, Canada; Paul J Turgeon, Bert Bosche, Charles K Lee, Tian Nie, Josephine A D’Abbondanza, Jinglu Ai, Philip A Marsden, Robert L Macdonald, Univ of Toronto, Toronto, ON, Canada

Poster Board Number MP115 / Presentation Number TMP115
Nox-2 and Carotidovascular Function in Metabolic Syndrome After a Stroke
Paul D Chantler, Stephen D Brooke, Kayla W Branyan, Shin Asano, Xuefang Ren, West Virginia Univ, Morgantown, WV; Patrick J Pagano, Univ of Pittsburgh, Pittsburgh, PA; Eric E Kelley, West Virginia Univ, Morgantown, WV; Jefferson C Frisbee, Western Univ, London, ON, Canada

Poster Board Number MP116 / Presentation Number TMP116
White Matter Hyperintensity Lesion Patterns in Patients With Cardioembolic Strokes
Yunis M Mayasi, Univ of Massachusetts, Worcester, MA; Johana Helenius, Harvard Medical Sch, Boston, MA; Nils Henninger, Univ of Massachusetts, Worcester, MA

Poster Board Number MP117 / Presentation Number TMP117
Preclinical and Early Clinical Characterization of a Parenterally Administered Direct Factor Xa Inhibitor

Poster Board Number MP118 / Presentation Number TMP118
Potential Therapeutic Benefits of Pericranial V in Preclinical Vascular Dementia and Cerebral Angiopathy
Aminda L Trout, Zhuhui Zhang, Jill Roberts, Gillian Grohs, Ela Patel, Pete Nelson, Anika M Hartz, Greg J Bix, Univ of Kentucky, Lexington, KY

Poster Board Number MP119 / Presentation Number TMP119
Early Cerebral Ischemic Events in Symptomatic Carotid Stenosis are Related to Plaque Inflammation

Poster Board Number MP120 / Presentation Number TMP120
Genetic, Environmental and Stochastic Factors Contribute to Variation in the Posterior Communicating Collaterals of the Circle of Willis
James E Faber, Wojciech Rzechorzek, Kathleen Z Dai, Benjamin T Summers, Cooper N Blazek, Samuel J Hedges, Hua Zhang, Univ of North Carolina Sch of Med, Chapel Hill, NC

Poster Board Number MP121 / Presentation Number TMP121
Gender Differences in Functional Outcomes After Acute Ischemic Stroke: The Role of White Matter Structural Integrity
Mark Etherton, Massachusetts General Hosp, Boston, MA; Ona Wu, Athinoula A Martinos Ctr for Biomedical Imaging, Boston, MA; Pedro Cougo, Nalpe亭ro Preto Medical Sch, Sao Paulo, Brazil; Anne-Katrin Giese, Lisa Cloonan, Massachusetts General Hosp, Boston, MA; Allison Kanakis, Massachusetts General Hosp, Boston, MA; Gregoire Boulouis, Arne Lauer, Ahmer Khawdja Siddiqui, Andreas Charidimou, Robert Regenhardt, Anand Viswanathan, Natalia S Rost, Thabile M Leslie-Mazwi, Lee H Schwamm, Massachusetts General Hosp, Boston, MA; Karen Furie, Rhode Island Hosp, Providence, RI; Natalia Rost, Massachusetts General Hosp, Boston, MA

Poster Board Number P1 / Presentation Number TP1
The Promising System to Support Rural Area Where No Interventionists to Perform Embolectomy for Acute Ischemic Stroke “Drive and Retrieve Method”
Toshiyra Osanai, Hokkaido Univ, Sapporo, Japan

Poster Board Number P2 / Presentation Number TP2
Disparities in Delivery of Endovascular Therapy: Who Gets it and Where?
The Florida Puerto Rico Collaboration to Reduce Stroke Disparities Study
NTEGRAL, Univ of Miami, Miami, FL; Louis Granzoli, Cintra, Boston Univ, Boston, MA; Kefeng Wang, Maria A Ciliberti-Vargas, Sebastian Koch, Hannah Gardner, Chuanhui Dong, Erika Marulanda-Londono, Univ of Miami, Miami, FL; David Z Rose, Univ of South Florida, Tampa, FL; Salina P Waddy, Natl Insts of Health, Bethesda, MD; Nils Mueller-Kronast, St Mary’s Medical Ctr, West Palm Beach, FL; Mary Robichaux, Univ of Miami, Miami, FL; Dianne Foster, American Heart Association, Marietta, GA; Enid J Garcia, Univ of Puerto Rico, San Juan, PR; Tatjana Runckel, Ralph L Sacco, Jose G Romano, Univ of Miami, Miami, FL; for the FL-PR CReSD Investigators and Collaborators

Poster Board Number P3 / Presentation Number TP3
What Hospital Characteristics Drive Faster Thrombectomy For Emergent Large Vessel Occlusion (ELVO)?
Jason Tarpley, Providence Southern California, Santa Monica, CA; Lindsay Lucas, Providence Brain and Spine Inst, Portland, OR; Joseph T Ho, Providence Medical Group, Olympia, WA; Renee Ovando, Providence Southern California, Santa Monica, CA; Elizabeth Baraban, Providence Brain and Spine Inst, Portland, OR

Poster Board Number P4 / Presentation Number TP4
Early Recanalization Followed by CEA Improves Functional Independence Compared To Carotid Angioplasty And Stenting
Mohammed J Humayun, Sharjeel Panjwani, Mouhammad A Jumaa, Syed F Zaidi, Univ of Toledo Medical Ctr, Toledo, OH

Poster Board Number P5 / Presentation Number TP5
What is “Near Complete” Recanalization? Rethinking TICI 2b in Modern Thrombectomy Era
Eric L Tung, Ryan A McTaggart, Grayson Baird, Shadi Yaghi, Morgan L Hemendinger, Eleanor DiBiasio, Douglas T Hiday, Glenn A Tung, Mahesh V Jayaraman, Warren Alpert Medical Sch of Med, Providence, RI

Poster Board Number P6 / Presentation Number TP6
Factors Influencing Infarct Progression During Ischemic Stroke Patients Transfer: Collaterals Lost is Brain Lost
Gregoire Boulouis, Arne Lauer, Ahmer Khawdja Siddiqui, Andreas Charidimou, Robert Regenhardt, Anand Viswanathan, Natalia S Rost, Thabile M Leslie-Mazwi, Lee H Schwamm, Massachusetts General Hosp, Boston, MA

Poster Board Number P7 / Presentation Number TP7
Somatosensory Evoked Potentials and Dramatic Recovery After Mechanical Thrombectomy in Patients With Acute Ischemic Stroke and Anterior Large Vessel Occlusion
Alicia Martinez-Piñeiro, Miriam Almedrorte, Alba Ramos-Fransi, Giuseppe Lucente, Elena Lopez-Cancio, Natalia Perez de la Ossa, Sebastian Remollo, Carlos Castaño, Jaume Coll-Canti, Antoni Davalos, Hosp Uniri Germans Trias i Pujol, Badalona, Spain

Poster Board Number P8 / Presentation Number TP8
A Novel and Thermally Efficient System for Focal Cerebral Hypothermia
Hazem Shoirah, Dominic A Nistal, Icahn Sch of Med at Mount Sinai, New York, NY; Bradley J Molyneaux, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA

Poster Board Number P9 / Presentation Number TP9
ASPECTS Values in Patients With Large Vessel Occlusion and Time of Arrival to Emergency Department: Estimation of Eligibility for Endovascular Stroke Therapy
Maxim Mokin, Aparna Pendurthi, Christopher Primiani, William S Burgin, Univ of South Florida, Tampa, FL

Acute Endovascular Treatment Posters II
TP1 – TP34
Poster Board Number P10 / Presentation Number TP10

Clinical and Imaging Outcomes of Patients with Acute Ischemic Stroke and Mild NIHs Treated with Endovascular Therapy
Leticia C Rebelo, Mehdi Bouilima, Diogo C Haussen, Jonathan A Grossberg, Samir R Belajege, Nicolas Bianchi, Srikanth Rangaraju, Kiva Schindler, Aaron Anderson, Michael Frankel, Raul G Noguera, Emory Univ, Atlanta, GA

Poster Board Number P11 / Presentation Number TP11

Beyond Large Vessel Occlusion Strokes: Distal Occlusion Thrombectomy
Jonathan A Grossberg, Leticia C Rebelo, Diogo C Haussen, Mehdi Bouilima, Meredith Bowen, Melanie Winningham, Kiva M Schindler, Shannon Doppelheuer, Michael R Frankel, Raul G Noguera, Emory, Atlanta, GA

Poster Board Number P12 / Presentation Number TP12

Comparison of 3D Stent Retriever to Solitaire in Patients with Small Ischemic Cores: An Analysis of the Penumbra 3D Trial
Adnan Siddiqui, SUNY Univ at Buffalo & Kaleida Health, Buffalo, NY; Donald Frei, Swedish Medical Ctr, Englewood, CO; Albert J Yoo, Texas Stroke Inst, Plano, TX; Ghita Soulhiman, Hope Buell, Sophia S Kuo, Elan Muaelem, Leticia Barraza, Arani Bose, Siu Po Sit, Penumbra, Inc, Alameda, CA; Raul Noguera, Grady Health System, Atlanta, GA; for the Penumbra 3D Investigators

Poster Board Number P13 / Presentation Number TP13

Procedural Time (Groin Puncture to Recanalization) Significantly Predicts Outcomes in Endovascular Treatment: A Pooled Analysis of SWIFT, STAR and SWIFT PRIME Trials
Ameer E Hassan, Valley Baptist Medical Ctr, Harlingen, TX; Jeffrey L Saver, Univ of California Los Angeles, Los Angeles, CA; Mayank Goyal, Univ of Calgary, Calgary, AB, Canada; David S Liebeskind, Zeja Hahn, Univ of California Los Angeles, Los Angeles, CA; Adnan I Qureshi, Univ of Minnesota, Minneapolis, MN

Poster Board Number P14 / Presentation Number TP14

Predictors of Good Outcome after Endovascular Therapy for Acute Posterior Circulation Stroke
Mehdi Bouilima, Emory Univ SOM, Atlanta, GA; Ashutosh Jadhav, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Diogo C Haussen, Emory Univ SOM, Atlanta, GA; Amin Aghaebraheem, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Leticia C Rebelo, Emory Univ SOM, Atlanta, GA; Matthew T Starr, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Jonathan A Grossberg, Emory Univ SOM, Atlanta, GA; Manasa Ranginani, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Raul Noguera, Emory Univ SOM, Atlanta, GA; Tudor Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA

Poster Board Number P15 / Presentation Number TP15

A Case for the Chase? A Case Series of Mechanical Thrombectomy of M2 Occlusions
Hisham Salahuddin, Univ of Toledo, Toledo, OH; Julie Shawver, Promedica Toledo Hosp, Toledo, OH; Gretchen Tietjen, Syed Zaidi, Mouhammad Jumaa, Univ of Toledo, Toledo, OH

Poster Board Number P16 / Presentation Number TP16

Short-Term Thrombectomy Outcomes Beyond the Traditional 6-Hour Time Window: Analysis of a Multi-Hub Telestroke Network
Archit Bhatt, Lindsay Lucas, Elizabeth Baraban, Providence Brain and Spine Inst, Portland, OR

Poster Board Number P17 / Presentation Number TP17

Patients Treated With Endovascular Treatment Outside Guidelines
Clauz Z Simonsen, Mads Rasmussen, Aarhus Univ Hosp, Aarhus, Denmark; Albert J Yoo, Texas Stroke Inst, Plano, TX; Leif H Sorensen, Aarhus Univ Hosp, Aarhus, Denmark

Poster Board Number P18 / Presentation Number TP18

Endovascular Treatment in the Elderly with Acute Ischemic Stroke – Is it Safe in Clinical Practice?
Thabile M Leslie-Mazwi, Syed F Ali, Massachusetts General Hosp, Boston, MA; Sanjeewa R Onteddu, Adegwumi D Amole, Mehmet S Akdog, Univ of Arkansas For Medical Sciences, Little Rock, AR; Lee H Schwamm, Massachusetts General Hosp, Boston, MA

Poster Board Number P19 / Presentation Number TP19

Role of Pial Collateral Flow in Acute Ischemic Stroke Outcomes
Sumul Modi, Horia Marin, Panayiotis Varelas, Panayiotis Mitsias, Henry Ford Health System, Detroit, MI

Poster Board Number P20 / Presentation Number TP20

Uncertainties of Endovascular Therapy Outside the AHA Guidelines
Amrou Sarraj, UT Houston, Houston, TX; Ronald F Budzik Jr, Riverside Methodist Hosp, Columbus, OH; Erol Veznedarooglu, Drexel Neurosciences Inst, Philadelphia, PA; Joey D English, California Pacific Medical Ctr, San Francisco, CA; Blaise W Baxter, Erlanger Health System, Chattanooga, TN; Bruno M Bartoloni, La Fondation Rothschild, Paris, France; David S Liebeskind, UC Los Angeles, Dept of Neurology, Los Angeles, CA; Antonin Krajina, Univ Hosp Hradec Králové, Hradec Králové, Czech Republic; Ryan D Shields, Nancy Jin, Stryker Neurovascular, Fremont, CA; Raul G Noguera, Emory Univ, Atlanta, GA; Rishi Gupta, Wellstar Kennestone Hosp, Marietta, GA; Peng R Chen, Christine M Farrell, Sean I Savitz, Louise D McCullough, UT Houston, Houston, TX

Poster Board Number P21 / Presentation Number TP21

Is Presence of Diabetes Mellitus a Key Prognostic Factor among Patients Receiving Endovascular Treatment for Acute Ischemic Stroke?
Seong-Joon Lee, Ajou Univ Sch of Med, Ajou Univ Medical Ctr, Suwon, Korea, Republic of; Yang-Ha Hwang, Kyungpook Natl Univ Sch of Med and Hosp, Daegu, Korea, Republic of; Ji Man Hong, Jin Wook Choi, Ajou Univ Sch of Med, Ajou Univ Medical Ctr, Suwon, Korea, Republic of; Dong-Hun Kang, Yong-Won Kim, Yong-Sun Kim, Kyungpook Natl Univ Sch of Med and Hosp, Daegu, Korea, Republic of; Jeong-Ho Hong, Hyuk Won Chang, Chang-Hyun Kim, Keimyung Univ Dongsan Medical Ctr, Daegu, Korea, Republic of; Bruce Oviabiegele, Medical Univ of South Carolina, Charleston, SC; Sung-II Sohn, Keimyung Univ Dongsan Medical Ctr, Daegu, Korea, Republic of; Jin Soo Lee, Ajou Univ Sch of Med, Ajou Univ Medical Ctr, Suwon, Korea, Republic of

Poster Board Number P22 / Presentation Number TP22

Outcomes After Endovascular Therapy in a Population With Mild Acute Ischemic Stroke: A 65 Year Observational Cohort Study at a High Volume Comprehensive Stroke Center
Donald Frei, RIA, Greenwood Village, CO; Alessandro Orlando, Swedish Medical Ctr, Englewood, CO; Richard Bellon, RIA, Greenwood Village, CO; Jeffrey Wagner, Christopher V Fanale, Judd Jensen, Russell Bartl, Blue Sky Neurology, Englewood, CO; Rebecca van Vliet, Kathryn McCarthy, David Bar-Or, Swedish Medical Ctr, Englewood, CO

Poster Board Number P23 / Presentation Number TP23

Prestroke Glucose Control Can be a Predictor for Outcome in Endovascular Therapy of Acute Ischemic Stroke
Jun-Young Chang, Gyeongsang Natl Univ Changwon Hosp, Changwon, Korea, Republic of; Moon Ku Han, Kyu Sun Yum, Sangki Lee, Seoul Natl Univ Bundang Hosp, Seongnam, Korea, Republic of; Tai Hwan Park, Seoul Medical Ctr, Seoul, Korea, Republic of; Soo Joo Lee, Eulji Univ Hosp, Daejeon, Korea, Republic of; Kyung Bok Lee, Soonchunhyang Univer HOSP, Seoul, Korea, Republic of; Jun Lee, Yeungnam Univ Hosp, Daegu, Korea, Republic of; Jong-Moo Park, Jeju Natl Univ Hosp, Jeju, Korea, Republic of; Dong-Eo Kim, Dongguk Univ Ilsan Hosp, Ilsan, Korea, Republic of; Joon-Tae Kim, Chonnam Natl Univ Hosp, Gwangju, Korea, Republic of; Jae-Kwan Cha, Dong-A Univ Hosp, Pusan, Korea, Republic of; Byung-Chul Lee, Hallym Univ Sacred Heart Hosp, Anyang, Korea, Republic of; Junyoung Lee, Korea Univ Coll of Med, Seoul, Korea, Republic of; Yong-Jin Cho, Ilsen Paik Hosp, Ilsan, Korea, Republic of; Chungbuk Natl Univ Hosp, Cheong Ju, Korea, Republic of; Sung-II Sohn, Keimyung Univ Hosp, Daegu, Korea, Republic of; CRS-C 5 Investigators

Poster Board Number P24 / Presentation Number TP24

Trends in IV r-tpa and Thrombectomy Treatment Rates Before and After the LVO RCT’s in a Regional Tele-stroke Network
Naregnia Pierre Louis, Sumun Nalluri, Benny Kim, Aashish Anand, Tanzila Shams, Chandrill Chugh, Vallabh Janardhan, Texas Stroke Inst, Plano, TX

Poster Board Number P25 / Presentation Number TP25

Increased Risk for Unfavorable Outcome in Patients with Pre-existing Disability Undergoing Endovascular Therapy
Ronen R Leker, Pavel Gavriluc, Nour Eddine Yagmur, John M Gomori, Jose E Cohen, Hadassah-Hebrew Univ Medical Ctr, Jerusalem, Israel

Poster Board Number P26 / Presentation Number TP26

Endovascular Therapy and Outcomes in a Large Biracial Cohort of Patients with Acute Ischemic Stroke
Leticia C Rebelo, Aaron Anderson, Diogo C Haussen, Samir R Belajege, Jonathan A Grossberg, Mehdi Bouilima, Shannon Doppelheuer, Nicolas Bianchi, Michael R Frankel, Raul G Noguera, Emory Univ, Atlanta, GA
Acute Neuroimaging Posters II

TP35 – TP63

Poster Board Number P35 / Presentation Number TP35
Estimation of Red Blood Cells in the Thrombus Using MRI A Phantom Study with Predetermined Thrombus Components
Ana Paula Narata, Univ Hosp of Tours, Tours, France; Isabelle Filippi, Univ Francisco-Rabelais, Tours, France; Richard Bibi, Jean Philippe Cottier, Kevin Janot, Univ Hosp of Tours, Tours, France

Poster Board Number P36 / Presentation Number TP36
Collaterals Negate Time: Topography and Determinants of Baseline ASPECTS in STRATIS
David S Liebeskind, Graham W Wood, Neurovascular Imaging Res Core, Los Angeles, CA; Nils Mueller-Kronast, Delray Medical Ctr/Tenet South Florida, Delray Beach, FL; M Ali Aziz-Sultan, Brigham and Women’s Hosp, Boston, MA; Michael T Froehler, Vanderbil Univ Medical Ctr, Nashville, TN; Richard P Kuczenski, Methodist Hosp, Houston, TX; Jeffrey L Saver, UCL, Los Angeles, CA; Nerses Sanossian, Univ of Southern California, Los Angeles, CA; Osama O Zaidat, St Vincent Mercy Hosp, Toledo, OH; Diogo C Haussen, Emory Univ Sch of Med / Grady Memorial Hosp, Atlanta, GA; Frank R Hellinger Jr, Florida Hosp, Orlando, FL; Dileep R Yavagal, Univ of Miami/Jackson Memorial Hosp, Miami, FL; Tom L Yao, Norton Neuroscience Inst, Cincinnati, OH; Reza Jahan, UCL, Los Angeles, CA; for the STRATIS Investigators

Poster Board Number P37 / Presentation Number TP37
Negative Diffusion-Weighted Imaging in Mild Ischemic Stroke Patients: An Exploratory Analysis of a Single-Center Six-Year Cohort
Marie Louise Schmitz, Grethe Andersen, Irene Mikkelsen, Mette H Madsen, Aarhus Univ Hosp, Aarhus, Denmark; Achala Vagval, Univ of Cincinnati Medical Ctr, Cincinnati, OH; Claus Z Simonsen, Aarhus Univ Hosp, Aarhus, Denmark; Pooja Khatri, Univ of Cincinnati, Cincinnati, OH

Poster Board Number P38 / Presentation Number TP38
Core Growth Speed as a Marker of Collateral Circulation Status in Acute Ischemic Stroke with Known Onset Time
Laura Blanco-Garcia, Elisa Cortijo, Mercedes De Lera, Ana Calleja, Maria Usero, Stroke Program Hosp Clinico Univerio, Valladolid, Spain; Miguel Castaño, Neuroradiology Dept Hosp Clinico Univerio, Valladolid, Spain; Santiago Pérez-Fernández, Neuroradiology Dept Hosp Clinico Univerio, Valladolid, Spain; Juan Arribas, Stroke Program Hosp Clinico Univerio, Valladolid, Spain

Poster Board Number P39 / Presentation Number TP39
Long-term Imaging Outcomes in Cerebral Small Vessel Disease
Yan Chen, Renyu Liu, Wu Xu, Yuan Yuan Gao, Xin Xu, Yun Xu, Nanjing Drum Tower Hosp, Nanjing, China

Poster Board Number P40 / Presentation Number TP40
Prediction of a Small DWI Lesion Using Single Phase Collateral Score and Noncontrast CT ASPECTS Score

Poster Board Number P41 / Presentation Number TP41
Prevalence and Factors Associated with Early Ischemic Changes on Non-contrast CT Obtained Less Than 90 Minutes After Symptom Onset
Jared Noroozi, Univ of Southern California, Los Angeles, CA; David S Liebeskind, Jeffrey L Saver, Sidney Starkman, Juan Pablo Vilablanca, Univ of California, Los Angeles, Los Angeles, CA; Scott Hamilton, Stanford Univ, Stanford, CA; Kristina Shkirkova, Univ of California, Los Angeles, Los Angeles, CA; Nerses Sanossian, Univ of Southern California, Los Angeles, CA; FAST-MAG Trial Investigators

Poster Board Number P42 / Presentation Number TP42
Risk of Acute Ischemic Stroke in Monocular Vision Loss of Vascular Etiology
Jason Zhang, Lucy Y Zhang, Jared Matthews, Danielle Rudich, David Greer, Robert Lesser, Hardik Amin, Yale New Haven Hosp, New Haven, CT

Poster Board Number P43 / Presentation Number TP43
Changes to Observed Longitudinal Patterns of Task Activation in Motor Areas after Stroke Revealed by Hemodynamic Scaling of Functional Magnetic Resonance Imaging
Ryan V Raut, Veena A Nair, Justin A Sattin, Vivek Prabhakaran, Univ of Wisconsin-Madison, Madison, WI

Poster Board Number P44 / Presentation Number TP44
Quantifying Edema in Acute Stroke
George Harston, James Kennedy, Univ of Oxford, Oxford, United Kingdom

Poster Board Number P45 / Presentation Number TP45
Predictors for Good Collaterals in 857 Patients With Acute Ischemic Stroke and Proximal Middle Cerebral Artery Occlusion
Stefania Nannoni, Stroke Ctr, Neurology Service, Ctr Hospier Univire Vaudois and Univ of Lausanne, Lausanne, Switzerland; Carlo W Cereda, Stroke Ctr, Neurology Service, Neuroradiology Dept Hosp Clinico Univerio, Valladolid, Spain; Gaia Srimarco, Dimitris Lambrou, Ashraf Eskandari, Stroke Ctr, Neurology Service, Ctr Hospier Univire Vaudois and Univ of Lausanne, Lausanne, Switzerland; Ali Maghrabi, Div of Clinical Pharmacology, Ctr Hospier Univire Vaudois and Univ of Lausanne, Lausanne, Switzerland; Francesco Puccinelli, Pascal Mosimann, Stroke Ctr, Neurology Service, Ctr Hospier Univire Vaudois and Univ of Lausanne, Lausanne, Switzerland; Max Winkelmann, Dept of Radiology, Neuroradiology Div, Stanford Univ and Medical Ctr, Stanford, CA; Patrik Michel, Stroke Ctr, Neurology Service, Ctr Hospier Univire Vaudois and Univ of Lausanne, Lausanne, Switzerland

Poster Board Number P46 / Presentation Number TP46
A Support Vector Machine Approach for Prediction of Subclinical Language Deficit using Post-Stroke White Matter Tracts
Rosaleena Mohanty, Svyatoslav Vergun, Pouira Mosahebi, Veena A Nair, Vivek Prabhakaran, Univ of Wisconsin-Madison, Madison, WI
Thrombectomy Procedures in Predicting Post-stroke Outcomes
Hosp, Seongnam, Korea, Republic of
Won Joo Jeong, Kyu Sun Yum, Sangkil Lee, Moon-Ku Han, Seoul Natl Univ Bundang
Poster Board Number P68 / Presentation Number TP68

The Characteristics of Acute Ischemic Stroke Treatment Clinical Trials Over the Past Twenty Years: Implications for Future Trial Design
Yi Dong, Huashan Hosp, Fudan Univ, Shanghai, China; Pratik Y Chhabbar, Medical Univ of South Carolina, Chalerston, SC; Shimeng Liu, Medical Univ of South Carolina, Charleston, SC; Qiang Dong, Huashan Hosp, Fudan Univ, Shanghai, China; Bruce Oviabioge, Wuwei Feng, Medical Univ of South Carolina, Charleston, SC
Poster Board Number P69 / Presentation Number TP69

Safety and Outcomes of IV Thrombolysis with Alteplase for Acute Ischemic Stroke Patients with Thrombocytopenia
Haris Kamal, Nour Abdelhamid, Liang Zhu, Sean Savitz, Univ of Texas at Houston, Houston, TX; James Grotta, Memorial Hermann Hosp, Houston, TX; Amrou Sarraj, Univ of Texas at Houston, Houston, TX
Poster Board Number P70 / Presentation Number TP70

Incidence of Serious Adverse Events Following Acute Stroke: Data From the Efficacy of Nitric Oxide in Stroke (ENOS) Trial
Szymon Stodolak, Lisa J Woodhouse, Nikola Sprigg, Univ of Nottingham, Nottingham, United Kingdom; Daniel Berezcki, Semmelweis Univ, Budapest, Hungary; Philip M Bath, Univ of Nottingham, Nottingham, United Kingdom
Poster Board Number P71 / Presentation Number TP71

 Interruption of Antiplatelet and Anticoagulant Therapy Does Not Increase Risk of Recurrent Stroke in Patients with Left Ventricular Assist Devices
Jenny Peih-Chir Tsai, Christopher Barrett, Neil E Schwartz, Dipanjan Banerjee, Stanford Univ, Palo Alto, CA
Poster Board Number P72 / Presentation Number TP72

Pilot Trial of Enoxaparin versus Aspirin in Cancer Patients with Stroke: the TEACH Study
Poster Board Number P73 / Presentation Number TP73

Evaluation of Intervention Aimed at Reducing Alteplase Returns without Compromising Clinical Care in Acute Ischemic Stroke
Natalie Swearingen, Providence Brain and Spine Inst, OR, OR; Jillian T Myers, Providence Portland Medical Ctr, OR, OR; Alexandra Lesko, Providence Brain and Spine Inst, OR, OR
Poster Board Number P74 / Presentation Number TP74

 Therapeutic Benefit of Hypothermia After Decompressive Hemiconnectomy in Patients with Ischemic Stroke
Won Joo Jeong, Kyu Sun Yum, Sangkil Lee, Moon-Ku Han, Seoul Natl Univ Bundang Hosp, Seongnam, Korea, Republic of
Poster Board Number P75 / Presentation Number TP75

Creatinine on Admission Interacts with Intravenous Thrombolysis and Thrombectomy Procedures in Predicting Post-stroke Outcomes
Nada El Husseini, Cintashaa Redmond, Seung-Jae Lee, Ralph S D Agostino Jr, Cheryl Bushnell, Wake Forest Baptist Univ, Winston Salem, NC

Symptomatic Intracranial Hemorrhage After IV EPA for Acute Ischemic Stroke in Patients with Relative Contraindications
Kyle C Smith, Mohammed Alkuwaiti, Caitlin Bell, Univ of Minnesota, Minneapolis, MN; Donna Lindsay, Hennepin County Medical Ctr, Minneapolis, MN; Angela Heyer, Rwoof Rishi, Mustapha Ezzedine, Christopher Streib, Univ of Minnesota, Minneapolis, MN
Poster Board Number P76 / Presentation Number TP76

Basic and Preclinical Neuroscience of Stroke Recovery Posters II
TP77 – TP105

New treatment
Munehsia Shimamura, Hironori Nakagami, Osaka Univ Graduate Sch of Med, Osaka, Japan; Kouji Wakahaya, the Univ of Tokyo, Tokyo, Japan; Tomohiro Kawano, Hideki Mochizuki, Ryushi Morishita, Osaka Univ Graduate Sch of Med, Osaka, Japan
Poster Board Number P77 / Presentation Number TP77

Combination of Neuroprotective Drug and Neural Stem Cells Benefits Aged Stroke Mice with Delayed Tissue Plasminogen Activator Treatment
Auston Eckert, Milton H Hambli, Jean-Pyo Lee, Tulane Univ Medical Sch, New Orleans, LA
Poster Board Number P79 / Presentation Number TP79

Inhibition of Toll Like Receptor-4 (tlr4) Improves Neurobehavioral Outcomes After Acute Ischemic Stroke in Diabetic Rats
Yasar Abdul, Mohammed Abdelsad, Wieguo Lu, Guangkun Dong, Advie Engul, Augusta Univ, Augusta, GA
Poster Board Number P80 / Presentation Number TP80

Panaxatriol Saponins Attenuates Blood-brain Barrier Disruption and Promotes Angiogenesis After Ischemic Stroke in Rats
Hu Yang, Zhen Hui, Du Juan Sha, Yun Xu, Nanjing Drum Tower Hosp, Nanjing, China
Poster Board Number P81 / Presentation Number TP81

Mir122 Modulates Nos2 to Improve Stroke Outcomes After Middle Cerebral Artery Occlusion in Rats
DaZhi Liu, Glen C Jickling, Zhoucheng Ye, Bradley P Ander, Xinhuo Zhan, Boryana Stamova, Bruce G Lyeth, Frank R Sharp, UC Davis, Sacramento, CA
Poster Board Number P83 / Presentation Number TP83

Stress Exacerbates Global Ischemia-induced Inflammatory Response: Intervention by Progesterone
Claudia Espinosa-Garcia, Igbal Sayeed, Seema Yousof, Fahim Atif, Elena G Sargeeva, Gretchen N Neigh, Donald G Stein, Emory Univ, Atlanta, GA
Poster Board Number P84 / Presentation Number TP84

Comparative Analysis of Genetic and Pharmacological Inhibition of Sirt3 in Post Ischemic Injury
Rajkumar Verma, Rodney Ritzel, Bruce Liang, UCONN Health, Farmington, CT; Louise McCullough, Univ of Texas Health Science Ctr, Houston, TX
Poster Board Number P85 / Presentation Number TP85

The Kca31 Tram-34 Reduces Selective Neuronal Loss, Microglial Activation and Sensormotor Deficits Following Brief Middle-cerebral Artery Occlusion (mcao) in the Rat
Jean-Claude Baron, INSERM UNIT 894, Paris Descartes Univ, France, Paris, France; Julius Emmrich, Charité, Berlin, Germany; Sohail Ejaz, David J Williamson, Dept of Clinical Neurosciences, Univ of Cambridge, Cambridge, United Kingdom
Poster Board Number P86 / Presentation Number TP86

The Ischemic Blood-brain Barrier In A Dish: Use Of Patient-derived Stem Cells To Model The Response Of The Neurovascular Unit To Oxygen-glucose Deprivation Stress
Shyanne Page, Ronak Patel, Abraham Alahmad, Texas Tech Univ Health Science Ctr, Amarillo, TX
Poster Board Number P87 / Presentation Number TP87

Early Quantitative Somatosensory Evoked Potentials Markers after Cardiac Arrest
Leanne M Young, Ruoxian Deng, Johns Hopkins Univ Sch of Med, Baltimore, MD; Matthew A Koenig, Univ of Hawaii John A Burns Sch of Med, Honolulu, HI; Xiaofeng Jia, Univ of Maryland Sch of Med, Baltimore, MD
Poster Board Number P88 / Presentation Number TP88

Reactive Gliosis Improves Outcome in an Aged Rat Model of Embolic Stroke
Daniel Morris, Michael Chopp, Wing Lee Cheung, Talan Zhang, Mei Lu, Zheng G Zhang, Henry Ford Hosp, Detroit, MI
Poster Board Number P89 / Presentation Number TP89
Cerebral Large Artery Disease Posters II

Poster Board Number P103 / Presentation Number TP103
Liraglutide Reduces Amyloid-β Deposits and Secondary Damage in the Thalamus After Focal Cerebral Infarction in Rats
Anding Xu, Huili Zhu, Yusheng Zhang, The First Affiliated Hosp of Jinan Univ, Guangzhou, China

Poster Board Number P104 / Presentation Number TP104
Thyroid Hormone Neuroprotection After Stroke and Fatty Acid Oxidation
Miakaela Silventes, James Lechleiter, Univ of Texas Health Science Ctr at San Antonio, San Antonio, TX

Poster Board Number P105 / Presentation Number TP105
Therapeutic Human Umbilical Cord Blood Cells in Ischemic Stroke
Haichen Wang, Duke Univ Medical Center, Durham, NC, Chuan Fang, The Affiliated Hosp of HeBei Univ, Baoding, Hebei, China; Yani Tan, Basic Medical Coll of HeBeI Univ, Baoding, Hebei, China; Tian Ming Tu, Natl Neuroscience Inst, Singapore, Singapore; Ellen R Bennett, Joanne Kuzberg, Daniel T Laskowitz, Duke Univ Medical Ctr, Durham, NC

Poster Board Number P106 / Presentation Number TP106
Adventitial T Cell Infiltrates Are Related to Brain Atherosclerosis in HIV-infected Individuals, but Not With Advanced Immunosuppression

Poster Board Number P107 / Presentation Number TP107
Timing of Stroke Risk Following Cervical Artery Dissection
Nicholas A Morris, Alexander E Merkler, Gino Giglioni, Hooman Kamel, Brain and Mind Res Inst, New York, NY

Poster Board Number P108 / Presentation Number TP108
Association Between Intracranial Athero sclerotic Calcium Burden and Angiographic Luminal Stenosis Measurements

Poster Board Number P109 / Presentation Number TP109
Multiplicity of Atherosclerotic Risk Factors Predicts a Risk of Large Arterial Atherosclerosis and Long-term Mortality in Patients with Ischemic Stroke
Sungho Ahn, Eun-Jae Lee, Dong-Wha Kang, Sun U Kwon, Jong S Kim, Asan Medical Ctr, Seoul, Korea, Republic of

Poster Board Number P110 / Presentation Number TP110
Helicobacter Pylori Infection and Genetic Factors as Determinants of Carotid Plaque Stability
Eugenio Arias, Naoml Arakaki, Horacio Martinetto, Gustavo E Selvleve, Sebastian F Ameriso, Feni, Capital Federal, Argentina

Poster Board Number P111 / Presentation Number TP111
Primary Angiitis of Central Nervous System Clinical Profile and Outcome of Forty Seven Patients
Pn Sylaja, Soumya Sundaram, Deepak Menon, Sapna Sreedharan, Jayadevan ER, Sankara Sarma, Sree Chitra Tirunal Inst for Medical Sciences and Technology, Trivandrum, India

Poster Board Number P112 / Presentation Number TP112
Mechanism of Recurrent Stroke in Patients with Atherosclerotic Vertebrobasilar Disease in Relation to Hemodynamics
Joanna D Schaafsma, Frank L Silver, Univ of Toronto, Toronto, ON, Canada; Scott E Kasner, Univ of Pennsylvania, Philadelphia, PA; Louis R Caplan, Beth Israel Deaconess Medical Ctr, Boston, MA; Linda Rose-Finnell, Dilip K Pandey, Sepideh Amin-Hanjani, Univ of Illinois at Chicago, Chicago, IL; For the VERITAS Study Group

Poster Board Number P99 / Presentation Number TP99
Genetic Deletion of Kruppel-Like Factor 11 Aggravates Ischemic Brain Injury
Xuelian Tang, Kai Liu, Ke-Jie Yin, Univ of Pittsburgh Sch of Med, Pittsburgh, PA

Poster Board Number P98 / Presentation Number TP98
Pexophagy is Neuroprotective in Ischemic Brain
Wenbin Zhu, Wenn Zhang, Jennifer Young, Anthony P Barnes, Nabil J Alkayed, Oregon Health & Science Univ, Portland, OR

Poster Board Number P97 / Presentation Number TP97
Korean Red Ginseng Ameliorates Cerebral Hypoxic-Ischemic Damage Through the Activation of the Nrf2 Pathway by Preferentially Altering Reactive Astrogliaisis
Lai Liu, Mary K Voelmer, Morgan W Carson, Todd J Sahagian, Univ of Florida, Gainesville, FL; Hochelol Kim, Kyung Hee Univ, Seoul, Korea, Republic of; Kiyoshi Housin, Hokkaido Univ, Sapporo, Japan

Poster Board Number P96 / Presentation Number TP96
Exercise Too Soon After Stroke Exacerbates Hyperglycolysis-mediated Brain Damage
Mitchell Huber, Jamie Shen, Yuchuan Ding, Wayne State Univ Sch of Med, Detroit, MI; Xiaokun Geng, Capital Medical Univ, Beijing, China

Poster Board Number P95 / Presentation Number TP95
Mesenchymal Stromal Cells Behave Differently When Exposed to Medications Commonly Prescribed to Stroke Patients
Nikunj Satani, Bing Yang, Duyen M Nghiem, Xiaomei Xi, McGovern Medical Sch at UTHealth, Houston, TX; Adrian P Gee, Baylor Coll of Med, Houston, TX; Jaroslaw Aronowsk, Sean I Savitz, McGovern Medical Sch at UTHealth, Houston, TX

Poster Board Number P94 / Presentation Number TP94
Topically Applied Adipose-derived Mesenchymal Stem Cell Treatment In Experimental Focal Cerebral Ischemia
George Wong, Chinese Univ of Hong Kong, Hong Kong, Hong Kong; HMRFO1120666 Investigators

Poster Board Number P93 / Presentation Number TP93
Continuous Glyburide Infusion Prevents Hemorrhagic Transformation After Cerebral Infarction in a Rodent Reperfusion Model
Cristina Sastre, Takahiro Igarashi, Saron Larsen, Zoe Wolcott, Ann-Christin Ostwaldt, Phillip Zhe Sun, William Taylor Kimberly, Massachusetts General Hosp, Boston, MA

Poster Board Number P92 / Presentation Number TP92
Apolipoprotein E Mimetic Pentapeptide (CN 105) Improves Outcome in a Murine Poster Board Number P91 / Presentation Number TP91
Stroke Induced Respiratory Dysfunction: Age, Apnea and Cognitive Decline Anthony Patrizi, Hilda Ahnedstedt, Louise McCollough, UT Health, Houston, TX

Poster Board Number P90 / Presentation Number TP90
Model of Ischemic Stroke
Sylvain Brunet, Chinthasagar Bastian, Cleveland Clinic, Cleveland, OH; Danielle Aquila, Ohio State Univ, Columbus, OH; Selva Baltan, Cleveland Clinic, Cleveland, OH

Poster Board Number P89 / Presentation Number TP89
Experimental Focal Cerebral Ischemia
Phillip Zhe Sun, William Taylor Kimberly, Massachusetts General Hosp, Boston, MA; Linda Rose-Finnell, Dilip K Pandey, Sepideh Amin-Hanjani, Univ of Illinois at Chicago, Chicago, IL; For the VERITAS Study Group

Poster Board Number P88 / Presentation Number TP88
Casein Kinase 2 Inhibition Preserves Axonal Function Against Ischemia
Sylvain Brunet, Chinthasagar Bastian, Cleveland Clinic, Cleveland, OH; Danielle Aquila, Ohio State Univ, Columbus, OH; Selva Baltan, Cleveland Clinic, Cleveland, OH
Poster Board Number P113 / Presentation Number TP113
Intracranial Atherosclerotic Stenosis Prevalence in a North American Stroke Population
Yongkun Li, Neurovascular Imaging Res Core, UCLA Dept of Neurology, Fujian Provincial Hosp, Provincial Clinical Dept of Fujian Medical Univ, China, Los Angeles, CA; Konark Malhotra, Graham W Wolfl, Jason D Himidan, Radoslav Raychayev, Latisha K Sharma, Dojin Kim, Neal M Rao, Jeffrey L Saver, Fabien Scazio, David S Liebeskind, Neurovascular Imaging Res Core, UCLA Dept of Neurology, Los Angeles, CA

Poster Board Number P114 / Presentation Number TP114
Cognition Independently Affects Quality of Life in Carotid Occlusive Disease

Poster Board Number P115 / Presentation Number TP115
Cerebral Hemodynamic Changes in Military Personnel With Long-term Effects of Concussions
Alexander Razumovsky, Sentient Neurocare Services, Hunt Valley, MD; Melissa Rampino, Nati Intrepid Ctr for Excellence, Bethesda, MD; Efim Kooperguson, Sentient Neurocare Services, Hunt Valley, MD; Donna M Neuges, Thomas J DeGraba, Thomas J DeGraba, Nati Intrepid Ctr for Excellence, Bethesda, MD

Poster Board Number P116 / Presentation Number TP116
Perioperative Assessment of Cerebral Perfusion Territories Through Arterial Spin Labeling Magnetic Resonance Imaging in Carotid Stenosis
Kohkichi Hosoda, Daisuke Yamamoto, Kobe Univ Graduate Sch of Med, Kobe, Japan; Yoshito Uchihashi, Nishiwaki Municipal Hosp, Nishiwaki, Japan; Jun Tanaka, Yusuke Yamamoto, Massaki Kohta, Atsushi Fujita, Takasai Sasayama, Eih Kohmura, Kobe Univ Graduate Sch of Med, Kobe, Japan

Poster Board Number P117 / Presentation Number TP117
Outcomes of Elective Carotid Stoning in the Octogenarians
Aws Alawi, Columbus Univ Medical Ctr, New York, NY; Fras Al Shakharchi, Randall Edgell, Amer Ashikhkhle, Saint Louis Univ, Saint Louis, MO

Poster Board Number P118 / Presentation Number TP118
Recanalization After Extracranial Dissection Stratified by Medical Treatment: Antiplatelets versus Anticoagulation
Preeti Ramachand, Michael T Mullen, Aaron Bress, Steven R Messe, Univ of Pennsylvania, Philadelphia, PA

Poster Board Number P119 / Presentation Number TP119
Credentialed of Interventionists in a Large Randomized Trial
Gary S Rubinstein, Cardiovascular Associates of the Southeast, LLC, Birmingham, AL; Donald V Heck, Novant Health Forsyth Medical Ctr, Winston-Salem, NC; Christopher J White, Ochsner Health System, New Orleans, LA; Kenneth Rosenfield, Massachusetts General Hosp, Boston, MA; Guilherme Dabus, Miami Cardiac and Vascular Inst, Miami, FL; Tudor G Jovin, Brian T Jankowitz, Univ of Pittsburgh, Pittsburgh, PA; Barry T Katzen, Miami Cardiac and Vascular Inst, Miami, FL; William A Gray, Lankenau Medical Ctr, Wynnewood, PA; Jon S Matsumura, Univ of Wisconsin, Madison, WI; Leo N Hopkins, State Univ of New York at Buffalo, Buffalo, NY; Dale M Gamble, Mayo Clinic, Jacksonville, FL; Fiuat K Al Khatib, Mayo Clinic, Jacksonville, FL

Poster Board Number P120 / Presentation Number TP120
A Novel Potential Therapy in Severe Stroke: Neuroprotective Chlorpromazine/ Promethazine Combination in Transient and Permanent Ischemia
Radhika Rastogi, Xiaokun Geng, Yuchuan Ding, Wayne State Univ Sch of Med, Detroit, MI

Poster Board Number P121 / Presentation Number TP121
National Patterns of Carotid Revascularization in the Pre- and Post- CREST Era
Fadar O Otite, Priyank Khandelwal, Sriram Alahari, Amer M Malik, Seemant Chaturvedi, Univ of Miami/Jackson Memorial Hosp, Miami, FL

Poster Board Number P122 / Presentation Number TP122
Are Aortic and Carotid Atherosclerosis Parallel or Divergently Associated with Cerebrovascular Disease in Systemic Lupus Erythematosus?
Luís P Roldan, Ernest R Green, UNM, Albuquerque, NM; Paola C Roldan, Univ of Colorado, Denver, CO; Clifford R Qualls, Wilmer L Sibbitt, Carlos A Roldan, UNM, Albuquerque, NM

Poster Board Number P123 / Presentation Number TP123
Efficacy of Staged Angioplasty to Prevent Cerebral Hyperperfusion Syndrome After Endovascular Revascularization for Carotid Artery Stenosis
Mikitoyo Hayakawa, Nati Cerebral and Cardiovascular Ctr, Osaka, Japan; Tomohiro Hishikawa, Kenji Sujiu, Okayama Univ Graduate Sch of Med, Okayama, Japan; Hiroshi Yamagami, Nati Cerebral and Cardiovascular Ctr, Osaka, Japan; Nobuyuki Sakai, Kobe City Medical Ctr General Hosp, Kobe, Japan; Koji Iihara, Graduate Sch of Medical Sciences Kyusyu Univ, Fukuoka, Japan; Keniaki Ogasawara, Iwate Medical Univ, Morioka, Japan; Hidenori Oishi, Juntendo Univ Sch of Med, Tokyo, Japan; Yasuhi Ito, Brain Resarch Inst, Niigata Univ, Niigata, Japan; Yuji Matsuura, Toranomon Hosp, Tokyo, Japan; Shinichi Yoshimura, Hyogo Coll of Med, Nishinomiya, Japan; STOP CHS study group

Poster Board Number P124 / Presentation Number TP124
Decompensative Hemicraniectomy for Malignant Middle Cerebral Artery Stroke: South Asian Experience
Saadat Kamran, Naveed Akhtar, Zain A Bhutta, Abdul Salam, Hamad Medical Corp, Doha, Qatar; Aymen Alabdou, Rashid Hosp, Dubai, United Arab Emirates; Hiba Rashid, Kainat Kamran, Hamad Medical Corp, Doha, Qatar; Arsalan Ahmed, Shifa Hosp, Islamabad, Pakistan; Ahmed M Own, Hamad Medical Corp, Doha, Qatar; Sohail A Rukan, Jihad Inshahi, Rashid Hosp, Dubai, United Arab Emirates; Dirk Deelu, Ghanim A Sulaiti, Ashfaq Shaibah, Hamad Medical Corp, Doha, Qatar

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Jong-Won Chung, Hyun Ah Choi, Mi Ji Lee, Joon Hwa Lee, Moo-Seok Park, Woo-Keun Seo, Gyeong-Moon Kim, Chin-Sang Chung, Kwang Ho Lee, Oh Young Bang, Samsung Medical Ctr, Seoul, Korea, Republic of

Poster Board Number P126 / Presentation Number TP126
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Shoichi Kagawachi, Hisanobu Kurioka, Hanako Chuo Hosp, Ikoma, Japan

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Miguel A Barboza, Rodrigo Uribe, Fabiola Serrano, Luís C Becerra-Pedraza, D Katherine Mantilla-Barbosa, Antonio Arauz, Insto Nacional de Neurología y Neurocirugía, Manual Velasco Suárez, México DF, Mexico

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Satoshi Kuroda, Univ of Toyama, Toyama, Japan; Kuniaki Ogasawara, Iwate Medical Univ, Morioka, Japan; Massaki Uno, Kawasaki Medical Sch, Kurashiki, Japan; MUSIC Study Investigators

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Factor VIII in Acute Cerebral Ischemia Trial – Biomarker in Patients with Large Vessel Occlusion?
Digvijaya D Navalekale, Tulane Univ, New Orleans, LA; Amelia Boehme, Columbia Univ, New York, NY; Karen Albright, UAB, Birmingham, AL; Cindy Leissinger, Tulane Univ, New Orleans, LA; Ramy El Khoury, Coball Rehabilitation Hosp of New Orleans and AMG Physical Rehabilitation Hosp, New Orleans, LA; Melissa Freeman, Touro Infirmary, New Orleans, LA; Laurie Schluter, Sheryl Martin-Schild, Touro Infirmary and New Orleans East Hosp, New Orleans, LA

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M Fareed K Suri, MD, Muhammad Shah Miran, MD, CentraCare St Cloud Hosp, SiCloud, MN; Ahmad Raji, MD, Mohammad Raul Azal, MD, ZGSI, SiCloud, MN; Iryna Lobanova, MD, ZGSI, Minneapolis, MN; Adrian I Qureshi, MD, ZGSI, SiCloud, MN

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Bart M Demaerschalk, Mayo Clinic, Rochester, MN; Virginia J Howard, Univ of Alabama at Birmingham, Birmingham, AL; MeeLee Tom, Rutgers Univ New Jersey Medical Sch, Newark, NJ; Mary E Longbottom, Mayo Clinic, Jacksonville, FL; Jennifer H Voeks, Medical Univ of South Carolina, Charleston, SC; Edina Kadic, Mayo Clinic, Jacksonville, FL; Brajesh K Lal, Univ of Maryland, Baltimore, MD; James F Meschia, Thomas G Brott, Mayo Clinic, Jacksonville, FL
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<td>Correlation of NIH Stroke Scale and Fugl-Meyer Motor Scales in a Longitudinal Stroke Recovery Study: Implication for Feasibility Survey for Stroke Rehabilitation Trial Pratik Chhatbar, Hernan Bayona, Medical Univ of South Carolina, Charleston, SC; Gottfried Schlaug, Beth Israel Deaconess Medical Ctr, Charleston, MA; Wayne Feng, Medical Univ of South Carolina, Charleston, SC</td>
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Christopher Streib, Univ of Minnesota Medical Ctr, Minneapolis, MN; Srikant Rangaraju, Emory, Atlanta, GA; Ashutosh Jadhav, Tudor Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA

Poster Board Number P155 / Presentation Number TP155
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Nnana Amakiri, Cornell Univ, Ithaca, NY; Michael Reding, Carolin I Dohle, Burke Rehabilitation Hosp, White Plains, NY

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Virginia J Howard, Shauntice Allen, Univ of Alabama-Birmingham, Birmingham, AL; Dawn D Kleindorfer, Univ of Cincinnati Coll of Med, Cincinnati, OH; Dawn M Aycock, Georgia State Univ, Atlanta, GA; Aaron M Anderson, Emory Univ, Atlanta, GA; George Howard, Univ of Alabama-Birmingham, AL

Poster Board Number P157 / Presentation Number TP157
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Eric E Smith, Univ of Calgary, Calgary, AB, Canada; Jingming Fang, Inst for Clinical Evaluative Sciences, Toronto, ON, Canada; Shabhir M Ailbhai, Peter M Cram, Angela M Cheung, Leanne K Casabian, Frank L Silver, Peter C Austin, Moira K Kapral, Univ of Toronto, Toronto, ON, Canada

Poster Board Number P161 / Presentation Number TP161
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Souvik Sen, USC Sch of Med, Columbia, SC; Steven Offenbacher, Kevin Moss, UNC Chapel Hill Sch of Dentistry, Chapel Hill, NC; Lauren D Giambardino, USC Sch of Med, Columbia, SC; Wayne Rosamond, UNC Gillings Sch of Global Public Health, Chapel Hill, NC

Poster Board Number P163 / Presentation Number TP163
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Erika T Muraulanda-Londoño, Douglas M Wallace, Habibullah Ziaee, Seemant Chaturvedi, Univ of Miami Miller Sch of Med, Miami, FL; William K Wohlgemuth Jr, Bruce W Carter VA Medical Ctr, Miami, FL

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Lester Y Leung, Tufts Medical Ctr, Boston, MA; Traci M Bartz, Kenneth Rice, James Floyd, Bruce Paisty, Univ of Washington, Seattle, WA; Jose Gutierrez, Columbia Univ Medical Ctr, New York, NY; Will Longstreth Jr, Univ of Washington, Seattle, WA; Kenneth J Mukamal, Beth Israel Deaconess Medical Ctr, Boston, MA

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Mayowa O Owoabali, Univ of Ibadan, Ibadan, Nigeria; Fred S Sarfo, Kwame Nkrumah Univ of Science & Technology, Kumasi, Ghana; Onoja Akpa, Univ of Ibadan, Ibadan, Nigeria; Mulugeta Gebregziabher, Medical Univ of South Carolina, South Carolina, SC; Rufus Akinyemi, Univ of Ibadan, Ibadan, Nigeria; Kevin Armstrong, Medical Univ of South Carolina, South Carolina, SC; Albert Akpaju, Univ of Ghana Medical Sch, Accra, Ghana; Hernant Tiwari, Donna Arnett, Univ of Alabama at Birmingham, Alabama, AL; Reginald Obiaiko, Ahmadu Bello Univ, Zaria, Nigeria; Lukman Owoabali, Aminu Kano Teaching Hosp, Kano, Nigeria; Kolawole Wahab, Ilorin Univ, Ilorin, Nigeria; Ezinne S Melkam, Univ of Ibadan, Ibadan, Nigeria; Raelle Saulsorn, Dan Lackland, Carolyn Jenkins, Medical Univ of South Carolina, South Carolina, SC; Omoiyiola Arolugun, Univ of Ibadan, Ibadan, Nigeria; Bruce Oviabeghe, Medical Univ of South Carolina, South Carolina, SC; SIREN

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A Community Education Program Across a Large Stroke Network Uncovers Disparities
Lisa M Bellamy, Kelley L Elkins, Jillian C Richardson, Crystal D Vires-Smith, Michael R Dobbs, Norton Healthcare/UK HealthCare, Lexington, KY

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Maria Cristina Zurru, Claudia Alonso, Laura Bresciani, Geraldina Linares, Natalie Italian, Ariel Luzi, Luis Cámara, Gabriel Waisman, Edgardo Cristiana, Hosp Italiano de Buenos Aires, Buenos Aires, Argentina

Poster Board Number P170 / Presentation Number TP170
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Stacie L Demel, Univ of Cincinnati Medical Ctr, Cincinnati, OH; Jane C Khoury, Univ of Cincinnati Medical Ctr, New York, NY; Will Longstreth Jr, Univ of Washington, Seattle, WA; Joseph Busto, Univ of Alabama at Birmingham, Birmingham, AL; Sheryl Martini, Michael E DeBakey VA Medical Ctr, Houston, TX; Rose Okafor, Emory, Atlanta, GA; Felipe De Los Rios la Rosa, Univ of Cincinnati Medical Ctr, Cincinnati, OH; Sharyl Martini, Michael E DeBakey VA Medical Ctr, Houston, TX; Opeolu Adeoye, Joseph P Broderick, Dawn D Kleindorfer, Univ of Cincinnati Medical Ctr, Cincinnati, OH; Albert Akpalu, Univ of Ghana Medical Sch, Accra, Ghana; Rangaraju, Emory, Atlanta, GA; Ashutosh Jadhav, Tudor Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Opeolu Adeoye, Joseph P Broderick, Dawn D Kleindorfer, Univ of Cincinnati Medical Ctr, Cincinnati, OH
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Han-Yeong Jeong, Aerospace Medical Ctr, Cheongju, Korea, Republic of; Jin Ho Park, Seoul Natl Univ Hosp, Seoul, Korea, Republic of; Hyung-Min Kwon, Seoul Metropolitan Government-Seoul Natl Univ Boramae Medical Ctr, Seoul, Korea, Republic of

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Hyung-Min Kwon, Boramae Medical Ctr, Seoul, Korea, Republic of; Sang Hyuck Kim, Dong Wook Shin, Jae Moon Yun, Ji Eun Lee, Seoul Natl Univ Hosp, Seoul, Korea, Republic of; Jae-Sung Lim, Hallym Univ Sacred Heart Hosp, Anyang, Korea, Republic of; Be Long Cho, Jin-Ho Park, Seoul Natl Univ Hosp, Seoul, Korea, Republic of

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Toshiya Ishihara, Shoichiro Sato, Toshiyuki Uehara, Tomoyuki Ohara, Mikito Hayakawa, Kazunori Toyoda, Kazuo Minematsu, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan; PROMISE-TIA Registry Investigators

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Muhammad Umar Farooq, Mercy Health Saint Mary's, Grand Rapids, MI; Katherine Thomas, American Heart Association/American Stroke Association, Grand Rapids, MI

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Jose Gutierrez, Columbia Univ, New York, NY; Chunhui Dong, Univ of Miami, Miami, FL; Mitchell Elkind, Columbia Univ, New York, NY; Noam Alperin, Ahmet Bagci, Univ of Miami, Miami, FL; Consuelo Mora-McLaughlin, Columbia Univ, New York, NY; Ralph L Sacco, Clinton B Wright, Univ of Miami, Miami, FL; Tatjana Rundek, Univ of Miami, Miami, GA

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Kyoungsoo Kim, Joongsang Yoo, Hye Suk Nam, Young Dae Kim, Geu-Ru Hong, Hye Sun Lee, Ji Hae Heo, Yonsil Univ Coll of Med, Seoul, Korea, Republic of

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Kathryn K McCaslin, Adrienne Dula, Ben King, Steven Warach, Seton Healthcare, Austin, TX

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David T Nguyen, James P Hsu, Mohsen Pirahestehr, Rajiv Narula, Lovella Hailey, Melissa Morfin, Karen Rapp, Kunal Agrawal, Branko Huisa, Ryouya Modir, Dawn Meyer, Thomas Hemmen, UC San Diego, San Diego, CA; Chelsea Kidwell, Univ of Arizona, Tucson, AZ; Brett C Meyer, UC San Diego, San Diego, CA

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Takashi Shiomiyama, Satoshi Suda, Yohei Takayama, Takahiro Ouchi, Masafumi Arakawa, Shizuka Suzuki, Seiji Okabe, Masahiro Mishina, Kazumi Kimura, Dept of Neurological Science, Graduate Sch of Med, Nippon Medical Sch, Tokyo, Japan

Poster Board Number P182 / Presentation Number TP182
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Cindy W Yoon, Hee-Kwon Park, Soo Jeong Kim, Eungseok Lee, Dan A Oh, Sangwon Lee, Hae-in Park, Joug-Ho Rha, Inha Univ Sch of Med, Incheon, Korea, Republic of

Poster Board Number P183 / Presentation Number TP183
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Lakhshmi Warrior, Michael Kelly, Kathy Chan, John H Stroger Hosp of Cook County, Chicago, IL

Poster Board Number P184 / Presentation Number TP184
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Jung Yu Kim, Moon-Ku Han, Seo-Nam Na, Bundang Hosp, Seongnam, Korea, Republic of; Kyung Bok Lee, Soonchunhyang Univ Hosp, Seoul, Korea, Republic of; Keun-Sik Hong, Yong-Jin Cho, Ilsan Paik Hosp, Goyang, Korea, Republic of; Tai Hwan Park, Sang-Soon Park, Seoul Medical Ctr, Seoul, Korea, Republic of; Jong-Moo Park, Kyusik Kang, Eulji General Hosp, Seoul, Korea, Republic of; Soo Joo Lee, Eulji Univ Hosp, Daejeon, Korea, Republic of; Young-Chai Ko, Incheon Sarang Hosp, Incheon, Korea, Republic of; Jun Lee, Yeungnam Univ Hosp, Daegu, Korea, Republic of; Jae-Kwan Cha, Da-Hyun Kim, Dong-A Univ Hosp, Busan, Korea, Republic of; Byung-Chul Lee, Kyung-Ho Yu, Mi-Sun Oh, Hallym Univ Coll of Med, Anyang, Korea, Republic of; Ji Sung Lee, Asan Medical Ctr, Seoul, Korea, Republic of; Jinyoung Lee, Korea Univ Coll of Med, Seoul, Korea, Republic of; Hee-Joon Bae, Seoul Natl Univ Bundang Hosp, Seongnam, Korea, Republic of

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Muhammad H Niazi, Mohammad EI-Ghamem, Kevin Cockroft, Kathy Morrison, Alicia Richardson, Reichwein Raymond, David Ermak, Hershey Medical Ctr Penn State Univ, Hershey, PA

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Digiyvaya DO Navalekele, Tulane Univ, New Orleans, LA; Amelia K Boehme, Columbia Univ, New York, NY; Kelly Harmon, Tulane Univ, New Orleans, LA; Laurie Schluter, Touro Infirmary and New Orleans East Hosp, New Orleans, LA; Melissa Freeman, Touro Infirmary, New Orleans, LA; Ramy EI Khoury, Cobalt Rehabilitation Hosp of New Orleans and AMG Physical Rehabilitation Hosp, New Orleans, LA; Sheryl Martin-Schild, Touro Infirmary and New Orleans East Hosp, New Orleans, LA

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Amy Y Yu, Hude Guan, Andrew McMae, Gabrielle O Wagner, Sheila B Coutts, Michael D Hill, Univ of Calgary, Calgary, AB, Canada
Regional Hosp, Somerset, KY
Jessica Douglas, Heather Ramsey, Kelly Venters, Amber Parker, Lake Cumberland Regional Hosp, Somerset, KY

Zeenat Qureshi Stroke Inst, St Cloud, MN; Muhammad H Shahid, Houston Methodist Orleans, LA; Rajeel Imran, Houston Methodist Hosp, Houston, TX; Adnan Qureshi, Haseeb A Rahman, Zeenat Qureshi Stroke Inst, St Cloud, MN


Poster Board Number P188 / Presentation Number TP188

Age of Menarche and Risk of Future Strokes in Women
Haseeb A Rahman, Houston Methodist Hosp, Houston, TX; Ahmed Malik, SUNY Upstate Medical Univ, Syracuse, NY; Asetha Rahman, , Louisville, KY; Sajib Chaudhury, Michigan State Univ, East Lansing, MI; Abraham Thomas, Houston Methodist Hosp, Houston, TX; Malik Adil, Ochsner Medical Ctr, New Orleans, LA; Adnan Qureshi, Zeenat Qureshi Stroke Inst, St Cloud, MN

Poster Board Number P189 / Presentation Number TP189

The Effectiveness of a Person-centered Empowerment-based Self-management Intervention in Reducing Risk of Stroke Among Male Patients With Poorly Controlled Type 2 Diabetes: A Mixed-method Study
Li Cheng, Janet W H Sit, Sek-ying Chair, The Chinese Univ of Hong Kong, Hong Kong, Hong Kong

Poster Board Number P190 / Presentation Number TP190

Effect of Socioeconomic Inequality and Comorbidity on the Association Between Ambient Temperature and Ischemic Stroke
Seong-Kyung Cho, Yoonseu Uniu Coll of Med, Seoul, Korea, Republic of; Jaelim Cho, Gachon Univ Gill Medical Ctr, Incheon, Korea, Republic of; Changsoo Kim, Juwnah Noh, Yoonseu Uniu Coll of Med, Seoul, Korea, Republic of

Poster Board Number P191 / Presentation Number TP191

Intracerebral Hemorrhage: Hospitalization

Poster Board Number P192 / Presentation Number TP192

Epidemiological Characteristics and Outcomes of Takayasu’s Arteritis in Acute Ischemic Stroke: Hospitalization
Mohammed Youssufuddin, Jessica Shultz, Heather Sheely, Mayo Clinic Health System, Austin, MN; Mouaz Alswawa, Mrasalan Murad, Mayo Clinic, Rochester, MN

Poster Board Number P194 / Presentation Number TP194

Past Treatment With Antithrombotic Agents and the Presence of Cerebral Microbleeds in Patients With Acute Ischemic Stroke
Asako Nakamura, Masahiro Yasaka, Takahiro Kukwashiro, Seiji Gotoh, Go Takaguchi, Yasuyuki Nakashima, Yasushi Okada, Natl Hosp Organization Kyushu Medical Ctr, Fukuoka, Japan

Poster Board Number P195 / Presentation Number TP195

Effect of Socioeconomic Inequality and Comorbidity on the Association Between Ambient Temperature and Ischemic Stroke
Seong-Kyung Cho, Yoonseu Uniu Coll of Med, Seoul, Korea, Republic of; Jaelim Cho, Gachon Univ Gill Medical Ctr, Incheon, Korea, Republic of; Changsoo Kim, Juwnah Noh, Yoonseu Uniu Coll of Med, Seoul, Korea, Republic of

Poster Board Number P196 / Presentation Number TP196

Incident Atrial Fibrillation After Ischemic versus Hemorrhagic Stroke

Poster Board Number P197 / Presentation Number TP197

Risk of Stroke in Women with use of Testosterone-Containing Hormone Replacement Therapy
Haseeb A Rahman, Houston Methodist Hosp, Houston, TX; Ahmed Malik, SUNY Upstate Medical Univ, Syracuse, NY; Asetha Rahman, , Louisville, KY; Sajib Chaudhury, Michigan State Univ, East Lansing, MI; Malik M Adil, Ochsner Medical Ctr, New Orleans, LA; Rajeev Imran, Houston Methodist Hosp, Houston, TX; Adnan Qureshi, Zeenat Qureshi Stroke Inst, St Cloud, MN; Muhammad H Shahid, Houston Methodist Hosp, Houston, TX; Daoud T Rahman, Univ of South Florida, Tampa, FL; Rabiah Shafi, Tampa, FL; Abraham P Thomas, Houston Methodist Hosp, Houston, TX

Poster Board Number P198 / Presentation Number TP198

Reducing Stroke Readmissions
Jessica Douglas, Heather Ramsey, Kelly Venters, Amber Parker, Lake Cumberland Regional Hosp, Somerset, KY

Poster Board Number P199 / Presentation Number TP199

Stroke Awareness in Argentina, the Sifhon Population Survey
Dairama E Dossi, Maximiliano A Hawkes, Mauricio F Perez, Maia M Gomez Schneider, Nicolas A Torres, Virginia A Pujol Lereis, Guillermo Povedano, Federico Rodriguez Lucci, Sebastian F Amerio, FLENI, Buenos Aires, Argentina

Poster Board Number P200 / Presentation Number TP200

Urinary Albumin/creatinine Ratio Should Be Associated With White Matter Lesion Severity in First-ever Stroke Patients
Satoshi Suda, Takashi Shimoyama, Yohki Takayama, Takahiro Ouchi, Masafumi Arakawa, Shizuka Suzuki, Seiji Okubo, Junya Aoki, Kentaro Suzuki, Masahiro Mishina, Kazumi Kimura, Nippon Medical Sch, Tokyo, Japan

Poster Board Number P201 / Presentation Number TP201

The Relationship Between Chronic Kidney Diseases and the Presence of Cerebral Small Vessel Disease in Patients With Acute Ischemic Stroke
Kana Ueki, Asako Nakamura, Masahiro Yasaka, Takahiro Kukwashiro, Seiji Gotoh, Go Takaguchi, Yasuyuki Nakashima, Yasushi Okada, Natl Hosp Organization Kyushu Medical Ctr, Fukuoka, Japan

Poster Board Number P202 / Presentation Number TP202

Association of Rs7961894 with Mean Platelet Volume in Patients with Acute Ischemic Stroke
Malgorzata Miller, Nils Henninger, Univ of Massachusetts Sch of Med, Worcester, MA; Renata Unetnet, Dana-Farber Cancer Inst, Boston, MA; Agnieszka Slowik, Jagiellonian Univ Medical Coll, Krakow, Poland

Poster Board Number P203 / Presentation Number TP203

Reducing Stroke Burden in Uganda
Mark Kaddumukasa, Jane Nakibukwa, James Kayima, Elly Katahita, Makerere Univ, Coll of Health Sciences, Kampala, Uganda; Carol Blixen, Martha Sajatovic, Case Western Reserve Univ, Cleveland, OH

Poster Board Number P204 / Presentation Number TP204

Quality of Life of Caregivers Attending a Stroke Camp
Maureen Mathews, Judith Beck, Michael Gibbons, Anna Bogner, Jan Jahnelt, Lauren Kramer, Clayton McNeil, Deepak Nair, Marylee Nunley, Larry Schaer, Teresa Swanson-Dewlin, Candace Couri, Manas Upadhyaya, David Wang, DSF HEALTHCARE, Peoria, IL

Poster Board Number P205 / Presentation Number TP205

Framingham Stroke Risk Score Predicts Severity of Leukoaraiosis in Patients with Acute Ischemic Stroke
Ghulam Abbas Kharal, Lisa Cloonan, Massachusetts General Hosp, Harvard Medical Sch, Boston, MA; Allison S Kanakis, Univ of Pittsburg Medical Ctr, Pittsburg, PA; Karen L Furie, Alpert Medical Sch of Brown Univ, Providence, RI; Natalia S Rost, Massachusetts General Hosp, Harvard Medical Sch, Boston, MA

Poster Board Number P206 / Presentation Number TP206

The Influence of Contextual Factors on Gaps in Hypertension Management for Veterans with TIA/Minor Stroke
Jason S Sico, Yale University Sch of Med/VA Connecticut Healthcare System, Guilford, CT; Edward J Mleich, Teresa M Damush, Indiana Univ Sch of Med/Richard L Roudebush VAMC, Indianapolis, IN; Avi B Keating, Indiana Univ Sch of Med, Indianapolis, IN; Gregory W Arling, Purdue Univ, West Lafayette, IN; Michael S Phipps, Univ of Maryland, Baltimore, MD; Dawn M Bravata, Indiana Univ Sch of Med/Richard L Roudebush VAMC, Indianapolis, CT

Poster Board Number P207 / Presentation Number TP207

Sex Differences in Cardiovascular Risk Profiles of Patients with Diabetes in the Greater Cincinnati/ Northern Kentucky Stroke Study
Tracy E Madsen, Warren Alpert Med Sch of Brown Univ/ Rhode Island Hosp, Providence, RI; Jane C Khoury, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Stacie L Demel, Michigan State Univ, East Lansing, MI; Matthew Flaherty, Daniel Woo, Univ of Cincinnati, Cincinnati, OH; Stacie L Demel, Michigan State Univ, East Lansing, MI; Matthew Flaherty, Daniel Woo, Univ of Cincinnati, Cincinnati, OH

Poster Board Number P208 / Presentation Number TP208

Sleep Disordered Breathing (SDB) – An Overlooked Modifiable Risk Factor in Stroke Care
Vishal Shah, Asrirai Gudiavalleti, Julius Gene Latorre, SUNY Upstate Medical Univ, Syracuse, NY
Poster Board Number P209 / Presentation Number TP209
Treatment and Prognosis for Patients with Trousseau Syndrome: Our Therapeutic Experience and Histological Evaluation of the Retrieved Clots
Daisuke Shimbo, Teine Keikjinkai Hosp, Sapporo, Japan

Poster Board Number P210 / Presentation Number TP210
Histopathological Evaluation of Thrombus in Acute Stroke and Correlation with Stroke Etiology
Anne Nouch, Tapan Mehta, Mohammed Hussain, Xiayuan Song, Martin Ollenschlegier, Hartford Hosp – Univ of Connecticut, Hartford, CT

Poster Board Number P211 / Presentation Number TP211
Plasma Cytokine Levels Differ Between Primary and Symondic Moyamoya and Pediatric and Adult Moyamoya Disease
Jorina Elbers, Victoria Ding, Summer S Han, Yael Rossenberg-Hasson, Gary K Steinberg, Stanford Univ, Stanford, CA

Poster Board Number P212 / Presentation Number TP212
Significant Association of the pr4810k Polymorphism With Quasi-moyamoya Disease
Takaaki Morimoto, Yohei Mineharu, Hatasu Kobayashi, Kousi H Harada, Takeshi Funaki, Yasushi Takagi, Kyoto Univ Graduate Sch of Med, Kyoto, Japan; Nobuyuki Sakai, Kobe City Medical Ctr General Hosp, Hyogo, Japan; Susumu Miyamoto, Akio Koizumi, Kyoto Univ Graduate Sch of Med, Kyoto, Japan

Poster Board Number P213 / Presentation Number TP213
Initial Vascular Lesion Patterns on Early Images Would Predict Vascular Outcomes in Acute Cerebral Artery Dissection
Jun Lee, Jungim Gwon, Minyeong Kim, Yeungnam Univ Medical Ctr, Daegu, Korea, Republic of

Poster Board Number P214 / Presentation Number TP214
Low Diagnostic Yield of Routine Cerebrospinal Fluid Analysis in Patients with Juvenile Stroke
Alexandra Prakapenka, Volker Puetz, Kristian Barlinn, Jessica Barlinn, Timo Siepmann, Lars-Peder Pallesen, Simon M Winzer, Anne Koehler, Heinz Reichmann, Carl Gustav Carus Univ Hosp Dresden, Dresden, Germany

Poster Board Number P215 / Presentation Number TP215
Clinical Utility of Hypercoagulability Screening in Young Adults With Ischemic Stroke

Poster Board Number P216 / Presentation Number TP216
Subtle Cardiovascular Measures in Young-onset Cryptogenic Ischemic Stroke: A Prospective Case-control Study
Nicolas Martinez-Majander, Dept of Neurology, Helsinki Univ Hosp and Clinical Neurosciences, Finland, Helsinki, Finland; Daniel Gordin, Abdominal Ctr Nephrology, Weill Cornell Med, New York, NY; Jani Pirinen, Dept of Neurology, Helsinki Univ Hosp and Clinical Neurosciences, Helsinki, Finland; Juha Sinisalo, Mika Letho, Dept of Cardiology, Heart and Lung Ctr, Helsinki Univ Hosp, Helsinki, Finland; Ron Liebkind, Reetta Kivioja, Dept of Neurology, Helsinki Univ Hosp and Clinical Neurosciences, Helsinki, Finland; Turgut Tatlisumak, Ctr for Investigations Biomedicas del Noreste, IMSS, Monterrey, Mexico; Fernando Góngora-Rivera, Univ Hosp General, Monterrey, Mexico; Carlos Camar-Memarroy, Niclos Escobedo-Zúñiga, CASIUniversidad de Monterrey, Monterrey, Mexico; Francisco J Guzman-De la Garza, Jorge Castro-Garza, Urban Vargas-Villarreal, Ctr de Investigaciones Biomedicas del Noreste, IMSS, Monterrey, Mexico; Fernando Góngora-Rivera, Univ Hosp General, Monterrey, Mexico

Poster Board Number P220 / Presentation Number TP220
Is Fibrinogen a Reliable Lab to Follow in Acute Ischemic Stroke After Thrombolysis
Deepak Guliati, Muhammad Nasir, Dharit Du, Michel Torbey, Ohio State Univ, Columbus, OH

Poster Board Number P222 / Presentation Number TP222
Characteristic Phenotype and Prognostic Factors in Magnetic Resonance Perfusion Weighted Image of Cerebral Venous Thrombosis
Moo-seok Park, Woo-Keun Seo, Oh Young Bang, Chin-Sang Chung, Kwang Ho Lee, Geon-Moon Kim, Neurosciences Ctr, Samsung Medical Ctr, Seoul, Korea, Republic of

Poster Board Number P223 / Presentation Number TP223
Characterizing Ischemic Stroke and Hemorrhagic Conversion in Infectious Endocarditis
Robert J Marquardt, Sung-Min Cho, Lucy Zhang, Prateek Thatikunta, Ken Uchino, Dolores Wisco, Cleveland Clinic, Cleveland, OH

Poster Board Number P224 / Presentation Number TP224
Interleukin-37 Level is Elevated in Acute Ischemic Stroke
Safi Bushnaq, Atif Zafar, Univ of New Mexico, Albuquerque, NM; Kumaram Durasamy, Univ of Missouri, Columbia, MO; Nudrat Taussem, Univ of Iowa, Iowa City, IA; Mohammad Mushahid Khan, Univ of Tennessee, Knoxville, TN; Enrique Leira, Univ of Iowa, Iowa City, IA; Asgar Zaheer Zaheer, Univ of Missouri, Columbia, MO

Poster Board Number P225 / Presentation Number TP225
Predicting Large Vessel Occlusion in the Real World: Use of the Cincinnati Pre-hospital Stroke Severity Score in Patients with Suspected Acute Ischemic Stroke
Michelle Whaley, Donald Frei, Swedish Medical Ctr, Englewood, CO; Meredith Snyder, Univ of Colorado Hosp, Aurora, CO; Christy Casper, St Anthony Hosp, Lakewood, CO; Melissa Chase, Rose Medical Ctr, Denver, CO

Poster Board Number P226 / Presentation Number TP226
Predictors and Impact of Paramedic Recognition of Hemorrhagic Stroke
John A Ostema, Michigan State Univ Coll of Human Med, Grand Rapids, MI; Christian Negronrrolon, Mathew J Reeves, Michigan State Univ Coll of Human Med, East Lansing, MI

Poster Board Number P227 / Presentation Number TP227
Outcomes of a Regionalized Stroke Care System
Denise Sequeira, Christian Martin-Gill, Univ of Pittsburgh, Pittsburgh, PA; Gregory Lowry, Brown Univ, Providence, RI; Marcus Robinson, Hinnah Siddiqui, Francis X Guyette, Univ of Pittsburgh, Pittsburgh, PA

Poster Board Number P228 / Presentation Number TP228
Continuous Non-invasive Blood Pressure versus Oscillometric Assessment in Acute Care After Intracerebral Hemorrhage, Intravenous Thrombolysis for Acute Ischemic Stroke
Anne Koehler, Timo Siepmann, Simon Winzer, Eric Simon, Lars-Peder Pallesen, Jessica Barlinn, Heinz Reichmann, Volker Puetz, Ulf Bodechtel, Kristian Barlinn, Tjaff Ziemssen, Carl Gustav Carus Univ Hosp Dresden, Technische Univ Dresden, Dresden, Germany

Poster Board Number P229 / Presentation Number TP229
Change Takes Time: EMS as the Spark Plug for Faster Acute Ischemic Stroke Care

Poster Board Number P218 / Presentation Number TP218
Peripheral Neutrophil and Lymphocyte Dynamics Following Acute Ischemic Stroke
Ashley B Petrone, Dana E King, West Virginia Univ, Morgantown, WV

Poster Board Number P219 / Presentation Number TP219
D-lactate and Intestinal Fatty-acid Binding Protein Are Evaluated in Serum in Patients with Acute Ischemic Stroke
Carlos Camar-Memarroy, Niclos Escobedo-Zúñiga, CASIUniversidad de Monterrey, Monterrey, Mexico; Francisco J Guzman-De la Garza, Jorge Castro-Garza, Urban Vargas-Villarreal, Ctr de Investigaciones Biomedicas del Noreste, IMSS, Monterrey, Mexico; Fernando Góngora-Rivera, Univ Hosp General, Monterrey, Mexico

Poster Board Number P225 / Presentation Number TP225
Peripheral Neutrophil and Lymphocyte Dynamics Following Acute Ischemic Stroke
Ashley B Petrone, Dana E King, West Virginia Univ, Morgantown, WV
Poster Board Number P311 / Presentation Number TP311
Does Age Affect Race/Ethnic Differences in Discharge Ambulation Status?
Data From the Florida Puerto Collaboration to Reduce Stroke Disparities (FL-PR CRESD) Study – The NINDS Stroke Prevention Intervention Research Program
Jonathan Singer, Dimitre Stefanov, Nadege Gilles, Sarah Z Weingast, Mohammad Fayezi, Shirley Giroudard, Marilyn Fraser-White, SUNY Downstate, Brooklyn, NY; Deo Burton, Hunter Coll, New York, NY; Steven R Levine, SUNY Downstate, Brooklyn, NY; The Mobile Applications for Stroke (MAPPS) Investigators

Poster Board Number P312 / Presentation Number TP312
Developing a Mobile Application for Stroke Informal Caregivers
Jonathan Singer, Dimitre Stefanov, Nadege Gilles, Sarah Z Weingast, Mohammad Fayezi, Shirley Giroudard, Marilyn Fraser-White, SUNY Downstate, Brooklyn, NY; Deo Burton, Hunter Coll, New York, NY; Steven R Levine, SUNY Downstate, Brooklyn, NY; The Mobile Applications for Stroke (MAPPS) Investigators

Poster Board Number P313 / Presentation Number TP313
Dual Antiplatelet Therapy Reduced Early Stroke Risk After Transient Ischemic Attack Patients with Acute Diffusion-weighted Imaging Hyperintensities: A Real-world Experience in Clinical Practice
Bo Song, Pei Chen, Lulu Pei, Yuan Cao, Hui Fang, Yuan Gao, Lu Zhao, Ju Wu, Yusheng Li, Shilei Sun, Yunming Xu, The First Affiliated Hosp of Zhengzhou Univ, Zhengzou, China

Poster Board Number P314 / Presentation Number TP314
Low Pulse Pressure After Acute Ischemic Stroke Is Associated With Unfavorable Outcomes: The Taiwan Stroke Registry
Sung-Chung tang, Natl Taiwan Univ, Taipei, Taiwan; Jian-Shiung Jeng, Natl Taiwan Univ, Taipei, Taiwan; Chung-Yung Hsu, China Medical Univ, Tai-Chung, Taiwan; Taiwan Stroke Registry Investigators

Poster Board Number P315 / Presentation Number TP315
D-dimer is Associated With 30-day Mortality in Acute Ischemic Stroke With Active Cancer
KI Woong Nam, Seoul Natl Univ Hosp, Seoul, Korea, Republic of; Chi Kyung Kim, Seoul Natl Univ Hosp, Korea University Guro Hospital and Korea University, Korea, Republic of; Taev Jung Kim, Sang Joon An, Seoul Natl Univ Hosp, Seoul, Korea, Republic of; Kyungmi Oh, Korea Univ Guro Hosp and Korea Univ Coll of Med, Seoul, Korea, Republic of; Min Kyung Kang, Sang-Bae Ko, Byung-Woo Yoon, Seoul Natl Univ Hosp, Seoul, Korea, Republic of

Poster Board Number P316 / Presentation Number TP316
Early Decompressive Hemiancomiotomy for Malignant MIDDLE CEREBRAL ARTERY Infarction in Asian Patients
Prakash R Patilwali, Leonard LL Ye, Bernard PL Chan, Hock L Teoh, Raymond Seet, Sein Lwin, Taong T Yeo, Ying Chou, Vijay K Sharma, Natl Univ of Singapore, Singapore, Singapore

Poster Board Number P317 / Presentation Number TP317
Hyperglycemia Strongly Predicts Large Ischemic Infarct Growth Despite Full Endovascular Reperfusion
Merseddih Bahsous, Graham W Wooff, Jason D Hinman, Radoslav Raychev, Latisha K Latisha K Sharma, Dojin Kim, Rao Rao, Sidney Starkman, Bryan Yoo, Reza Jahan, Viktor Szeder, Satoshi Tateishima, Gary R Duckwiler, Fabien Scalzo, Jeffrey Saver, David Liebeskind, UCLA, Los Angeles, CA

Poster Board Number P318 / Presentation Number TP318
High White Blood Cell (WBC) Counts Are Predictive of IPI-related Hemorrhage
Wenjun Deng, Bo Song, Lindsay Fisher, I-Ying Richard Chou, Maxwell Oyer, Thomas Hsu, Bo Song, Pei Chen, Lulu Pei, Yuan Cao, Hui Fang, Yuan Gao, Lu Zhao, Ju Wu, Yusheng Li, Shilei Sun, Yunming Xu, The First Affiliated Hosp of Zhengzhou Univ, Zhengzou, China

Poster Board Number P319 / Presentation Number TP319
Duplex Assisted Carotid Artery Stenting Without Administration of Contrast Media
Takashi Mizowaki, Atsushi Fujita, Taichiro Takahashi, Atsushi Uyama, Satoshi Inoue, Masaki Kato, Hirotoshi Hamaguchi, Takashi Sasayama, Kohkihi Hosoda, Eiji Kohmura, Kobe Univ Graduate Sch of Med, Kobe, Japan

Poster Board Number P320 / Presentation Number TP320
Efficacy and Safety of Antiplatelet Therapy for Ischemic Stroke without Large Arterial Occlusion by Intravenous Tirofibin
Lu Lin, Wei Li, Huan Wang, Ya Wu, Cheng-chun Liu, Xiao-shu Li, Shu-han Huang, Chun-sheng Jiang, Res Inst of Surgery, Daping Hosp, Third Military Medical Univ, Chongqing, China; Wu Wei Feng, Medical Univ of South Carolina Stroke Ctr, South Carolina, SC; Meng Zhang, Res Inst of Surgery, Daping Hosp, Third Military Medical Univ, Chongqing, China

Poster Board Number P321 / Presentation Number TP321
Strokes Occurring in the Hospital: Quality of Care and Outcome in a Tertiary Academic Medical Center
Haris Kamal, Navdeep Lall, Annemarie Crumlish, Marilou Ching, Robert Sawyer, Ashkan Mowla, State Univ of New York at Buffalo, Buffalo, NY

Intracerebral Hemorrhage Posters II
TP322 – TP351

Poster Board Number P322 / Presentation Number TP322
Small Vessel Disease Burden Alters the Clinical Phenotype of Acute Hypertensive Crises
Mehmet Yasar Kokuozel, Mehmet Akif Topcuoglu, Rasahan Gocmen, Bulent Erbil, Mehmet Mahr Kunt, Nalan Metin Aksu, Kader O Guz, Ethem Murat Aras, Hacettepe Univ Faculty of Med, Ankara, Turkey

Poster Board Number P323 / Presentation Number TP323
Prevalence And Clinical Character Of Cortical Superficial Siderosis In Stroke Patient
Shizuka Suzuki, Satoshi Suda, Takashi Shimoyama, Yohei Takayama, Takahiro Ouchi, Masatumi Arakiwa, Seiji Okubo, Junya Aoki, Kentaro Suzuki, Masahiro Mishima, Kazumi Kimura, Nippn Medical Sch, Tokyo, Japan

Poster Board Number P324 / Presentation Number TP324
Macrobleeds and Microbleeds: A Vascular Risk Factor Microangiopathy

Poster Board Number P325 / Presentation Number TP325
Lack of Early Improvement Predicts Poor Clinical Outcome Following Acute Intracerebral Hemorrhage
Vignan Yogendrakumar, Ottawa Hosp Res Inst, Ottawa, ON, Canada; Eric E Smith, Andrew M Demchuk, Hotchkiss Brain Inst, Calgary, AB, Canada; Richard I Aviv, Sunnybrook Res Inst, Toronto, ON, Canada; David Rodriguez-Luna, Carlos A Molina, Univ Val d’Hebron, Barcelona, Spain; Yolanda S Blas, Inst d’Investigació Biomédica Girona Fndn, Girona, Spain; Imanuel Dziwalowski, Elblangklinikum Meissen, Academic Teaching Hosp, Dresden, Germany; Adam Kobayashi, Inst of Psychiatry and Neurology, Warsaw, Poland; Jean-Martin Boulangier, Charles LeMoyne Hosp, Montreal, QC, Canada; Cheemun Lum, Ottawa Hosp Res Inst, Ottawa, ON, Canada; Gord Gubitz, GEI – Halifax Infirmary (HI) Site, Halifax, NS, Canada; Vasanth Padma, All India Inst of Medical Sciences, New Delhi, India; Mycoon Ali, Inst of Cardiovascular and Medical Sciences, Glasgow, Ireland; Patrick D Lyden, Cedars-Sinai Medical Ctr, Los Angeles, CA; Michael D Hill, Hotchkiss Brain Inst, Calgary, AB, Canada; Darush Dowlatshahi, Ottawa Hosp Res Inst, Ottawa, ON, Canada; PREDICT/Sunnybrook ICH CTA Study Group; VISTA Collaboration

Poster Board Number P326 / Presentation Number TP326
Lymphopenia, Infectious Complications and Outcome in Spontaneous Intracerebral Hemorrhage
Andrea Morotti, Sandro Marin, Michael J Jessel, Kristin Schwab, Alison M Ayres, Christina Kourkoulis, Edip M Gurul, Anand Visswanathan, Steven M Greenberg, Christopher D Anderson, Joshua N Rosenthal, Jonathan Rosand, Massachusetts General Hosp, Harvard Medical Sch, Boston, MA
Timing of Ventriculostomy and Ventricular Shunting for Intracranial Hemorrhage: A National Inpatient Sample Study

Steven Peters, David Tirschwell, Univ of Washington, Seattle, WA

Ischemic Stroke Following Prothrombin Complex Concentrates Administration for Intracerebral Hemorrhage

Andrew Blake Buletko, Tapan Thacker, Ken Uchino, Jennifer Frontera, Cleveland Clinic

Venous Collateral Drainage Patterns Predict Clinical Worsening in Dural Venous Sinus Thrombosis

Suni A Sheth, Harry Trieu, David S Liebeskind, Jeffrey L Saver, Viktor Szeder, Reza Jahan, Satoshi Tateshima, Gary Duckwiler, Univ of California, Los Angeles, Los Angeles, CA

Characteristics and Outcome of Patients With Acute Intracerebral Hemorrhage

S Marshall, Yuefan Shao, Amelia K Boehme, Columbia Univ Coll of Physicians and Surgeons, New York, NY; Pilar Coscoyuela, Neuroradiology Dept, Vall d’Hebron Univ Hosp, Barcelona, Spain; Noelia Rodriguez-Villaltito, Jesus M Juega, Sandra Bond, Marian Muchada, Jorge Pagola, Marta Rubiera, Marc Ribó, Stroke Unit, Neurology Dept, Vall d’Hebron Univ Hosp, Barcelona, Spain; Alejandro Tomasello, Neuroradiology Dept, Vall d’Hebron Univ Hosp, Barcelona, Spain; Andrew M Demchuk, Mayank Goyal, Calgary Stroke Program, Dept of Clinical Neurosciences, Dept of Radiology, Hotchkiss Brain Inst, Univ of Calgary, Calgary, AB, Canada; Carlos A Molina, Stroke Unit, Neurology Dept, Vall d’Hebron Univ Hosp, Barcelona, Spain

Differences Between the Modified Rankin Scale and Barthel Index in Measuring Intracerebral Hemorrhage Recovery at 12 Months

Anirudh Sreekrishnan, Audrey Leasure, Sonya Zhou, Hardik Amin, Nils Petersen, David Hwang, Joseph Schindler, Emily Gilmore, Lauren Sansing, David Greer, Kevin Sheth, Yale Sch of Med, New Haven, CT

Hospital-Acquired Infection is Associated with Poor Outcome in Young Adults

Ochsner Medical Ctr, New Orleans, LA; Doan Nguyen, Inst of Translational Med, Feliciano, Univeristy of Queensland Sch of Med, New Orleans, LA; Ifeanyi Iwuchukwu, Ochsner Medical Ctr, New Orleans, LA; Philip Feliciano, Univ of Queensland, New Orleans, LA, Doan Nguyen, Nikil Mahale, Vivek Sabharwal, Harold McGrade, Alan Velander, Ochsner Medical Ctr, New Orleans, LA

Outcomes of Obese Patients With Intracerebral Hemorrhage

Jennifer A Frontera, John Noberto, Vladimir Katsyv, Cleveland Clinic, Cleveland, OH

Benefits and Impact on Outcome

Stephen Davis, Atte Meretoja, Univ of Melbourne, Melbourne, Australia

Stat6 Signaling in Microglia/macrophage is Critical for Functional Recovery After Intracerebral Hemorrhage

Jing Xu, Wei Cai, Kai Zhang, Huan Liu, Yejie Shi, Hongjian Pu, Xiaoming Hu, Jun Chen, Univ of Florida, Gainesville, FL
Poster Board Number P374 / Presentation Number TP374
Stroke versus Stroke Mimic for Inpatient Code Brain
Nili E Steiner, Laurie Paletz, Betty Robertson, Nicole Wolber, Sonia Guerra, Cedars-Sinai Medical Ctr, Los Angeles, CA

Poster Board Number P375 / Presentation Number TP375
Screening for Nontraditional Stroke Symptoms in Women: What is the Evidence? A Systematic Review
Renee Coltch, Univ of North Dakota/St Catherine Univ, St Paul, MN

Poster Board Number P376 / Presentation Number TP376
Heme Oxygenase-1 is Essential for Hematoma Clearance After Intracerebral Hemorrhage
Lijken Zhang, Beijing Friendship Hosp, Beijing, China; Xiaorong Zhao, Guanghua Sun, Jareslaw Aronowski, Univ of Texas Health Science Ctr, Houston, TX

Poster Board Number P377 / Presentation Number TP377
Advancing Comprehensive Stroke Outcomes Through Concurrent Data Abstraction
Maryam A Amuda, Dewanda Smith, Shelley Nichols, Grady Health System, Atlanta, GA

Poster Board Number P378 / Presentation Number TP378
Long Term Follow Up Telephone Evaluation of Post Stroke Quality of Life is Feasible and Effective
Renata Miranda, Carla Ledo, Daisa Escobosa, Caren Cristina Giannotti Bizutti, Amanda Ruiz, Andrea Vaccari, Rodrigo Massaud, Albert Einstein Hosp, Sao Paulo, Brazil; Daniel Malheiro, Gisele S Silva, Albert Einstein Hosp and Federal Univ of Sao Paulo, Sao Paulo, Brazil

Poster Board Number P379 / Presentation Number TP379
“Build It and They Will Come”: How Comprehensive Stroke Certification Increases the Number of Transfers
Betty Robertson, Cedars Sinai Medical Ctr, Los Angeles, CA

Poster Board Number P380 / Presentation Number TP380
Improving Outcomes for Stroke Patients at Risk for Cognitive and Mood Impairments
Sanny Djoeva, Univ of Illinois at Chicago, Chicago, IL; Melissa N Lara-Angulo, Univ of Illinois Hosp & Health Sciences System, Chicago, IL

Poster Board Number P381 / Presentation Number TP381
What Does It Take? How to Obtain Nursing Buy-in and Compliance of Neurological and Vital Sign Assessments and Re-assessment for the Stroke Patient
Vickey Morgan, VCU/Community Memorial Hosp, South Hill, VA

Poster Board Number P382 / Presentation Number TP382
Increasing Thrombolytic and Endovascular Therapy Utilization Through a Unique Telstroke Partnership
Ashley Elko, Vidant Medical Ctr, Greenville, NC; Rayetta Johnson, Amy K Guzik, Wake Forest Univ Baptist Medical Ctr, Winston-Salem, NC

Poster Board Number P383 / Presentation Number TP383
Use of Plan-Do-Study-Act and Clinical Simulation Methodology to Develop a Mobile Prehospital Telstroke System

Poster Board Number P384 / Presentation Number TP384
Acute Ischemic Stroke During the Hospital Stay – Who is at Risk?
Melissa Richardson, Brooke Sinha, Hillcrest, Mayfield Heights, OH

Poster Board Number P385 / Presentation Number TP385
Evolution of an Organized System of Care Positively Impacts Regional Stroke Treatment
Deb Motz, Michele Patterson, Tracy Moore, Baptist Health System, San Antonio, TX; Diana Barrett, American Heart Association, San Antonio, TX; Martha Buford, Connally Health, Manasses, VA; Sonja Widemon, Methodist Health System, San Antonio, TX; Eric Epley, Preston Love, STRAC, San Antonio, TX; Lee Birnbam, David Miramontes, David Wampler, UTHSCSA, San Antonio, TX; Candace Mcalpine, Cheryl Prentiss, Univ Health System, San Antonio, TX; Dicky Huey, Baptist Health System, San Antonio, TX

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Poster Board Number P386 / Presentation Number TP386
From Zero to Stroke Elite Gold Plus in Three Years
Margaret C Kester, Maureen Monczewski, Geisinger Community Medical Ctr, Scranton, PA; Angela Groody, Christopher Cummings, Neil Holland, Ramin Zand, Geisinger Medical Ctr, Danville, PA

Poster Board Number P387 / Presentation Number TP387
Minibus Driver Stroke Risk Reduction Health Surveillance: From In-hospital to Community
Winson Wai Yuk Lo, Julie Chi Li Kwong, Caritas Medical Ctr, Hong Kong, China

Poster Board Number P388 / Presentation Number TP388
Sharing Best Practices Amongst Stroke Centers in the Chicagoland Region Increases EMS Use and Decreases Door-to-Needle Times
Minna B Masor, Advocate Illinois Masonic Medical Ctr, Chicago, IL; Mary Kay Jenrich, Advocate Good Samaritan Hosp, Downers Grove, IL; Ginger Reilly, AMITA Health, Elk Grove Village, IL; Dee Behrens, Advocate Christ Medical Ctr, Oak Lawn, IL; Midwest Stroke Action Alliance

Poster Board Number P389 / Presentation Number TP389
Utilizing A Stroke Protocol to Improve Stroke Prevention Education
Allison Wells, Murray State Univ, Murray, KY; Norton healthcare/UK HealthCare-Stroke Care Network; Lisa Bellamy, Norton healthcare/UK HealthCare-Stroke Care Network, Lexington, KY

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Continuous Quality Improvement Implementation Across a Large Stroke Network of Affiliated Rural Hospitals Demonstrates Improved Care
Lisa M Bellamy, Kelley L Elkins, Michael R Dobbs, Norton Healthcare/UK HealthCare, Sacramento, CA

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Barriers and Facilitators to Self Care in Stroke Survivors
Lisa A Bakbak, Victoria Dickson, New York Univ, New York, NY

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Janice McGraw, Diane Lada, Sharon Compton, Providence Alaska Medical Ctr, Anchorage, AK

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Kellie Brendle, Hao Zhang, Michelle Turner, Derek Holder, Kwan Ng, UCDavis Medical Ctr, Sacramento, CA

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Denise Goins, Medical Ctr Navicent Health, Macon, GA

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Georgann R Adams, Belinda Wallbank, Indiana Univ Health, Indianapolis, IN

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Clara Mathiesen, Erin M Conahan, Lehigh Valley Health Network, Allentown, PA

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David Fam, university of toronto, Toronto, ON, Canada; Nomazulu Dlamini, Hosp for Sick Children, toronto, ON, Canada; Cheryl Jaygobin, Univ Health Network, Toronto, ON, Canada

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Lexa K Murphy, Bruce E Comps, Vanderbilt Univ, Nashville, TN; Melissa C Gindville, Vanderbilt Univ Medical Ctr, Nashville, TN; Kristen L Reeslund, Vanderbilt Univ, Nashville, TN; Lori C Jordan, Vanderbilt Univ Medical Ctr, Nashville, TN
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**Hemodynamic Imaging in Children with Transient Neurologic Symptoms**

Laura I. Lehman, Amy R Danehy, Miya E Berson-Leung, Cameron C Treorn, Christopher F Calahan, Richard L Robertson, Michael J Rivkin, Boston Children's Hosp, Boston, MA

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Pei-Yi Lin, Fang-Yu Cheng, Katherine Hagan, Massachusetts General Hosp, Charlestown, MA; Yvonne Sheldon, Ellen P Grant, Boston Children's Hosp, Boston, MA; Maria Angela Francescini, Massachusetts General Hosp, Charlestown, MA

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Lisa R Sun, Wendy C Ziai, Ryan J Felling, The Johns Hopkins Hosp, Baltimore, MD

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J Michael Taylor, Paul Horn, Heidi Sucharew, Todd A Abruzzo, Jane Khoury, Cincinnati Children's Hosp Med Ctr, Cincinnati, OH

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Jamie M Wright, Univ of Texas Health Science Ctr-Houston, Houston, TX; Jiuyan Chen, Univ of Texas Health Science Ctr at Houston, Houston, TX; Dianna M Miliewicz, Univ of Texas Health Science Ctr-Houston, Houston, TX

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Emily C Maxwell, Univ of Colorado Sch of Med, Aurora, CO; Tonia Ballantyne, Kathleen E Carlson, Univ of Colorado Denver, Aurora, CO; Amanda L Hollatz, Univ of Colorado Sch of Med, Aurora, CO; KC Clevenger, Children's Hosp Colorado, Aurora, CO; Jennifer Armstrong-Wells, Timothy J Bernard, Richard Boada, Univ of Colorado Sch of Med, Aurora, CO

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**Ipsi-lateral Myelination is Impaired in Children With Perinatal Arterial Stroke**

Sabrina Yu, Helen Carlson, Adam Kirton, Univ of Calgary, Calgary, AB, Canada

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Yuan Wang, Haizong Song, Kai Dong, Ran Meng, Shuying Wang, Gian Zhang, Xiaqin Huang, Xuanwu Hosp, Capital Med Univ, Beijing, China; Woewei Feng, Bruce Oviaple, Medical Univ of South Carolina, Charleston, SC; Charleston, SC; Xuming Ji, Xuanwu Hosp, Capital Med Univ, Beijing, China

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Maria Askari, Veterans Affairs Palo Alto Health Care System, Palo Alto, CA; Paul D Zielger, Medtronic Inc, Palo Alto, CA; Susan K Schmitt, Jun Fan, Veterans Affairs Palo Alto Health Care System, Palo Alto, CA; Aitahi J Ulltall, Stanford Univ Sch of Med, Palo Alto, CA; Mintu P Turakhia, Veterans Affairs Palo Alto Health Care System, Palo Alto, CA

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Kush Fansivala, Lauren Southwick, Emily Goldmann, Nina S Parikh, Joy Madubuonwu, Bernadette Boden-Albala, New York Univ, New York, NY

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Tae Jung Kim, Min-Kyung Kang, Kiwoong Nam, Heejung Mo, Sang Joon Ko, Sang-Bae Ko, Byung-Woo Yoon, Seoul Natl Univ Hosp, Seoul, Korea, Republic of

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Kyang-Yul Lee, Yonsei Univ, Seoul, Korea, Republic of; Sang Won Han, Inje Univ Coll of Med, Seoul, Korea, Republic of; Yong-Jae Kim, Ewha Womens Univ Sch of Med, Seoul, Korea, Republic of; Seong Hwan Ahn, Chosun Univ Sch of Med, Gwangju, Korea, Republic of; Woo-Keun Seo, Sungkyunkwan Univ Coll of Med, Seoul, Korea, Republic of; Seung-Hun Oh, CHA Univ Coll of Med, Bundang, Korea, Republic of; Yoon Nam Kim, Severance Hosp, Yonsei Univ Health System, Seoul, Korea, Republic of; MAESTRO Investigators

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Erica S Westphal, Michelle M Rainka, Michelle Amersl, Traci Aladeen, Caitlin Snyder, Vernice Bates, Fran M Geng, Dent Neurologic Inst, Amherst, NY

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Sayed Ali Raza, Srikanth Rangareju, Gaurav Godalia, Labib Marriamchi, Anamar Razzak, Lynn Marie Trotti, David Rye, Brittainie Davis, Laura Henriquez, Samir Belagaje, Nicolas Bianchi, Melanie Winningham, Fadi Nahab, Emory Univ, Atlanta, GA

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Fung Peng Woon, Singapore General Hosp, Singapore, Singapore; Ee Wei Lim, Natl Neuroscience Inst (Singapore General Hosp campus), Singapore, Singapore; Moi Pin Lee, Hui Yee Gan, Singapore General Hosp, Singapore, Singapore; Hui Meng Chang, Natl Neuroscience Inst (Singapore General Hosp campus), Singapore, Singapore; Yoke Lim Soong, Natl Cancer Ctr Singapore, Singapore, Singapore; Deidre A De Silva, Natl Neuroscience Inst (Singapore General Hosp campus), Singapore, Singapore

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Saeb A Chaudhry, Shilong Gu, Michigan State Univ, Lansing, MI; Mohammad Rauf Afzal, Ahmed Riaz, Zeenat Qureshi Stroke Inst, St Cloud, MN; Hasseeb Rehman, Michigan State Univ, Lansing, MI; Adrian I Qureshi, Zeenat Qureshi Stroke Inst, St Cloud, MN

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Hitoshi Fukuda, Amagasaki General Medical Ctr, Hyogo, Japan; Yu Yamamoto, Akira Handa, Yohitaka Kurosaki, Sen Yamagata, Kurashiki Central Hosp, Kurashiki, Japan

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Rajat Dhar, Atiyasan Zazulia, Tom Videen, Washington Univ Sch of Med, Saint Louis, MO; Colin P Derdeyn, Univ of Iowa, Iowa City, IA; Michael Diringer, Washington Univ Sch of Med, Saint Louis, MO
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Raul Nogueira, Emory Univ, Atlanta, GA; Tudor Jovin, UPMC, Pittsburgh, PA; DAWN Trial Investigators

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Philip M Bath, Jason Appleton, Hayley Foster, Margaret Adrian, Michael Stringer, Jamie Longmate, James Kirby, Katie Flaherty, Polly Scutt, Azinawati Ali, Stefan Pszczolkowski Parraguez, Nikola Spring, Univ of Nottingham, Nottingham, United Kingdom

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Alicia Murray, Keith Muir, Ian Ford, Univ of Glasgow, Glasgow, United Kingdom; Gary Ford, Oxford Univ Hosp NHS Trust, Oxford, United Kingdom; Joanna Wardlaw, Univ of Edinburgh, Edinburgh, United Kingdom

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Claus Z Simonsen, Leif H Sørensen, Aarhus Univ Hosp, Aarhus, Denmark; Albert J Yoo, Texas Stroke Inst, Plano, TX; Mads Rasmussen, Aarhus Univ Hosp, Aarhus, Denmark

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Heather M Haughey, Karen C Johnston, Univ of Virginia, Charlottesville, VA

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Mary Farrant, UCSF, San Francisco, CA; Clay Johnston, The Univ of Texas at Austin, Austin, TX; J Donald Easton, Anthony S Kim, UCSF, San Francisco, CA; Jordan Em, Medical Coll of South Carolina MUSC, Charleston, SC

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Shelegah B Coutts, Carol Kenney, Amy Yu, Univ of Calgary, Calgary, AB, Canada; Mark Parsons, Univ of Newcastle, Newcastle, Australia; Mayank Goyal, Univ of Calgary, Calgary, AB, Canada; Peter Kelly, Univ Coll Dublin, Dublin, Ireland; Christopher Levi, Univ of Newcastle, Newcastle, Australia; Keith Muir, Univ of Glasgow, Glasgow, United Kingdom; Stefan Greisenegger, Medical Univ of Vienna, Vienna, Austria; Carlos Molina, Hosp Univri Vall d’Hebron, Barcelona, Spain; Michael Hill, Univ of Calgary, Calgary, AB, Canada
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Ok Joon Kim, Seung Hun Oh, CHA Bundang Medical Ctr, CHA Univ, SungNam, Korea, Republic of; Jae Seung Lim, Min Jung Shin, CHA Biotech, SungNam, Korea, Republic of

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Steven C Cramer, Univ of California, Irvine, Orange, CA; Telerehabilitation in the Home Versus Therapy In-Clinic for Patients With Stroke Investigators

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