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<td>Preventing Adverse Outcomes: Novel Insights and Treatment Concepts</td>
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<tr>
<td>Acute Endovascular Treatment</td>
<td>Thurs, 7:00 am - 8:30 am Room 151</td>
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<tr>
<td>Acute Neuroimaging</td>
<td>Wed, 7:00 am - 8:30 am Room 515 B</td>
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<td>Acute Nonendovascular Treatment</td>
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<td>Aneurysm</td>
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<td>Basic and Preclinical Neuroscience of Stroke Recovery</td>
<td>Thurs, 7:00 am - 8:30 am Room 515 B</td>
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<td>Cerebral Large Artery Disease</td>
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<td>Clinical Rehabilitation and Recovery</td>
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### Community/Risk Factors
- **Tackling Stroke in Low and Middle Income Countries**
  - Wed, 7:00 am - 8:30 am Room 151
- **Current Concepts in Global CV and Stroke Control**
  - Thurs, 7:00 am - 8:30 am Room 152
- **Sickle Cell Disease and Stroke in Pops of African Ancestry**
  - Thurs, 3:30 pm - 5:00 pm Room 515 A
- **Addressing Racial and Ethnic Disparities in Stroke Care**
  - Fri, 7:00 am - 8:30 am Room 151
- **...Engaging Minority / Rural Communities in Stroke Clinical Trials**
  - Fri, 8:45 am - 10:15 am Room 151

### Diagnosis of Stroke Etiology
- **Intracranial Atheroatherosclerotic Burden of Stroke in Asians**
  - Wed, 7:00 am - 8:30 am Room 515 A
- **Recent Genetic Conditions in Stroke**
  - Thurs, 7:00 am - 8:30 am Room 515 A
- **Atrial Fibrillation and Newer Embolicogenic Cardiac Diseases**
  - Thurs, 7:00 am - 8:30 am Room 515 A
- **Social Determinants of Stroke in Latin America**
  - Thurs, 3:30 pm - 5:00 pm Room 408

### Emergency Care/Systems
- **Impact of Diabetes on Stroke: From Bench to bedside**
  - Wed, 7:00 am - 8:30 am Room 515 A
- **Stroke Outcome in Animal Models with Comorbidities**
  - Thurs, 7:00 am - 8:30 am Room 408
- **Role of Gov Agencies in Fostering Stroke Ecosystem**
  - Thurs, 8:45 am - 10:15 am Room 502 B
- **Driving Stroke Systems Change**
  - Thurs, 8:45 am - 10:15 am Room 502 B

### Experimental Mechanisms and Models
- **Oral Abstracts I**
  - Wed, 7:00 am - 8:30 am Room 515 B
- **Oral Abstracts II**
  - Wed, 8:45 am - 10:15 am Room 502 B
- **Oral Abstracts III**
  - Wed, 3:00 pm - 4:00 pm Room 502 B
- **Oral Abstracts IV**
  - Wed, 3:00 pm - 4:00 pm Room 515 A

### Health Services, Quality Improvement, and Patient-Centered Outcomes
- **Oral Abstracts I**
  - Wed, 7:00 am - 8:30 am Room 502 B
- **Oral Abstracts II**
  - Wed, 7:00 am - 8:30 am Room 502 B
- **Oral Abstracts III**
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- **Oral Abstracts IV**
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### In-hospital Treatment
- **Oral Abstracts I**
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- **Oral Abstracts II**
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- **Oral Abstracts III**
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- **Oral Abstracts IV**
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### Intracerebral Hemorrhage
- **Oral Abstracts I**
  - Wed, 7:00 am - 8:30 am Room 502 B
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- **Oral Abstracts III**
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- **Oral Abstracts IV**
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### Nursing
- **Oral Abstracts**
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- **Oral Abstracts**
  - Wed, 7:00 am - 8:30 am Room 502 B
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### Pediatric Stroke
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### Preventive Strategies
- **Pre-Diabetic States: Should We Treat Early and Often?**
  - Wed, 7:00 am - 8:30 am Room 151
- **Trends in the Management of SIVH and Cerebral Vasospasms**
  - Wed, 7:00 am - 8:30 am Room 515 A
- **Small Cerebral Vasculature in Health and Ischemic Brain Disease**
  - Thurs, 7:00 am - 8:30 am Room 515 B
- **The Global Impact of Hypertension and Stroke**
  - Fri, 8:45 am - 10:15 am Room 408

### SAH and Other Neurocritical Management
- **The Neurovascular Unit**
  - Wed, 7:00 am - 8:30 am Room 515 B
- **The Intersection of Vascular and Neurodegenerative Cerebrovascular Disease**
  - Fri, 8:45 am - 10:15 am Room 515 A

### Vascular Biology in Health and Disease
- **Oral Abstracts**
  - Thurs, 7:00 am - 8:30 am Room 502 B
- **Oral Abstracts**
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### Vascular Cognitive Impairment
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### Vascular Malformations
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  - Thurs, 7:00 am - 8:30 am Room 502 B

### Non-category Specific Sessions
- **Bugher Foundation Session**
  - Wed, 3:00 pm - 4:00 pm Room 502 A
- **AIS Guidelines Session**
  - Wed, 3:00 pm - 4:00 pm Room 502 A
- **CEO Talks**
  - Wed, 3:00 pm - 4:00 pm Room 151
- **Game of Strokes**
  - Wed, 4:15 pm - 5:15 pm Hall K
- **Late-Breaking Science**
  - Thurs, 3:30 pm - 5:00 pm Room 151
Dear Colleague:

This is a very exciting time in the field of cerebrovascular disease. The rate of discovery of new diagnostic and therapeutics for stroke has never been greater. 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 2018 provides unique opportunities to meet and network with colleagues from around the world with wide-ranging research interests and expertise in stroke prevention, diagnosis, treatment and rehabilitation. For 2018, 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 2018 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: There Will Be Blood; Management and Treatment of ICH which will focus on the management and treatment of intracerebral hemorrhage; and the ISC Pre-Conference Symposium II: Stroke in the Lab World: Reversing Stroke Translational Research - Bedside-to-Bench and Back Again. 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 2018 symposium program will include topics in: the integration of Mission Lifeline severity-based stroke triage algorithm into stroke systems of care; stroke bundled payment for care improvement at three organizations; evidence-based strategies for preventing stroke and stroke complications; advances in clinical research, practice and quality improvement; and how to facilitate admission, progression and discharge for stroke.

The ISC 2018 Pre-Conference Symposium I: Stroke in the Real World: There Will Be Blood: Management and Treatment of ICH highlights scientific advances in cerebrovascular disease while emphasizing their application in the real world. This year’s symposium will focus on the management and treatment of intracerebral hemorrhage including: pre-hospital diagnosis and treatment of ICH; ED stabilization and triage of the ICH patient; toxic clot constituents and cytotoxicity; a debate on minimally invasive surgery; ICU controversies; how to investigate and image vascular lesions in ICH; does size matter in ICH expansion; and amyloid angiopathy and microbleeds. There will also be a series of challenging breakout sessions.

The ISC 2018 Pre-Conference Symposium II: Stroke in the Lab World: Reversing Stroke Translational Research – Bedside-to-Bench and Back Again will explore a new translational research paradigm representing a shift from benchside-to-bedside, to reverse translation - bedside-to-bench. This pre-conference event is designed to address challenges facing traditional “forward-translation” stroke research. This half-day symposium brings together leading researchers who have successfully achieved reverse translation, starting with human samples, and applying cutting-edge big data techniques to identify genes/proteins of relevance. Though reverse translation assures relevance to human disease, how can we leverage traditional bench approaches to truly understand the significance of these findings? We will further explore examples of next steps needed to understand molecular mechanisms implicated by the genes/proteins identified by these new “omic” techniques.

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; neurocitical 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 excitement and lively hot spots of Los Angeles, California!

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 2019, February 6 - 8, 2019 in beautiful Honolulu, Hawaii!

Bruce Ovbiagele, MD, MSc, FAHA
Chair, International Stroke Conference 2018 Program Committee
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<td>Bruce Ovbiagele</td>
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<td>Miguel Perez-Pinzon</td>
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<td>Opeolu Adeoye</td>
<td>Research Grant; Significant, Valtari Bio, NIH/NINDS. Ownership Interest; Significant, Sense Diagnostics, LLC.</td>
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<td>Craig Anderson</td>
<td>Employment; Significant, The George Institute for Global Health. Research Grant; Significant, National Health and Medical Research Council (NHMRC) of Australia. Honoraria; Modest, Takeda China.</td>
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<td>Sunghee Cho</td>
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<td>Helena Chui</td>
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<td>Andrew Ducruet</td>
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<td>Research Grant; Significant, NIH-NINDS. Expert Witness; Modest, Novartis.</td>
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<td>Karen Furie</td>
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<td>Argye Hillis</td>
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<td>Judy Huang</td>
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<td>Louis Kim</td>
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<td>Thanh Nguyen</td>
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<td>Alejandro Rabinstein</td>
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<td>Tatjana Rundek</td>
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<td>Gustavo Saposnik</td>
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<td>Magdy Selim</td>
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<td>Amanda Thrift</td>
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<tr>
<td>Kazunori Toyoda</td>
<td>Research Grant; Significant, Japan Agency for Medical Research and Development, Japan Society for the Promotion of Science. Honoraria; Modest, Bristol-Meyers, Behringer, Bayer and Daiichi-Sankyo.</td>
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<td>Midori Yenari</td>
<td>None.</td>
</tr>
<tr>
<td>Kyra Becker</td>
<td>Expert Witness; Significant. Other; Significant, Adjudication Committee.</td>
</tr>
</tbody>
</table>

This table represents the relationships of program committee members which may be perceived as actual or reasonably perceived conflicts of interest as reported on the Disclosure Questionnaire which all members of the program committee are required to complete and submit. A relationship is considered to be “Significant” if (a) the person receives $10,000 or more during any 12 month period, or 5% or more of the person’s gross income; or (b) the person owns 5% or more of the voting stock or share of the entity, or owns $10,000 or more of the fair market value of the entity. A relationship is considered to be “Modest” if it is less than “Significant” under the preceding definition.
The American Stroke Association would like to acknowledge the following companies for their generous support of the International Stroke Conference.

**Sponsors**
- Abbott
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(As of December 16, 2017)

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International Stroke Conference

**JANUARY 24 - 26**
**LOS ANGELES CONVENTION CENTER**
**LOS ANGELES, CALIFORNIA**

**Program Description**
The International Stroke Conference is the world’s premier meeting dedicated to the science and treatment of cerebrovascular disease. This 2½-day conference features more than 1,500 compelling presentations that emphasize basic, clinical and translational sciences as they evolve toward a better understanding of stroke pathophysiology with the goal of developing more effective therapies. Join us and network with more than 4,500 colleagues in the stroke field from around the world with wide-ranging expertise and experience. Clinical Sessions focus 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. Basic Science Sessions 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.

Presentations on these topics attract a wide range of healthcare professionals and investigators including adult and pediatric neurologists; neurosurgeons; neuroradiologists and interventional radiologists; physiatrists; emergency medicine specialists; primary care physicians; hospitalists; nurses and nurse practitioners; rehabilitation specialists; physical, occupational, and speech therapists; pharmacists; and basic researchers spanning the fields of cerebrovascular function and disease.

**Learning Objectives**
At the conclusion of the International Stroke Conference, participants should be able to:
- Identify recent advances in basic models of stroke and their translation to clinical research.
- Evaluate recent advances in the diagnosis, treatment, prevention and rehabilitation of cerebrovascular disease.
- Analyze new and ongoing advances in clinical research through late-breaking science and ongoing clinical trials sessions.
- Discuss new research, treatments and interventions with scientists and investigators working in all areas of cerebrovascular disease.
- Interpret the rapidly changing areas within the stroke spectrum such as emerging options for the diagnosis and treatment of acute stroke, mechanisms of stroke recovery, and the impact of vascular cognitive impairment.
- Appraise the diverse challenges presented by cerebrovascular disease to specific populations, including ethnic and racial minorities, women, children, and developing communities.

**International Stroke Conference and Nursing Symposium Abstracts**
Abstracts from the International Stroke Conference 2018 and the Nursing Symposium 2018 will be published as an online-only supplement to the January 2018 issue of Stroke at http://stroke.ahajournals.org. Late-Breaking Science and Ongoing Clinical Trials abstracts will be available online on the ISC Web site at strokeconference.org.

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

**AMA Credit Designation Statement – Physicians**
The American Heart Association designates this live activity for a maximum of 22.00 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**AMA Credit must be claimed within 6 months of attendance. Credit will no longer be available to claim after July 26, 2018.**

**AAPA Credit Acceptance Statement – Physician Assistants**
AAPA accepts certificates of participation for educational activities certified for AMA PRA Category 1 Credit™ from organizations accredited by ACCME or a recognized state medical society. Physician assistants may receive a maximum of 22.00 hours of Category 1 credit for completing this program.

**AMA Credit must be claimed within 6 months of attendance. Credit will no longer be available to claim after July 26, 2018.**
**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 2018 abstracts, lectures and presentations are embargoed for release at the date and time of each session’s start time in which the abstract is scheduled. Abstracts being presented in the Main Event Sessions are embargoed for release at the date and time of the first abstract presentation of the Main Event session in which they are 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 on-one-one embargoed media interviews can be conducted as long as the reporter agrees to abide by the embargo policy.
Hotel Questions
A Housing Desk is located in Registration, in the front of Hall H, Level 1 of the Los Angeles Convention Center and will be open during regular registration hours.

International Attendees
International attendees may obtain a Certificate of Attendance at one of the self-service terminals in Registration, located in the front of Hall H, Level 1 of the Los Angeles Convention Center.

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

Medical Emergencies
The First Aid Station is located in the South Hall Medice Office, Level 1 of the Los Angeles Convention Center. An AED is available. Please report emergencies to the nearest security guard or the Show Office, Room 404 AB on Level 2 of the Los Angeles Convention Center.

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

- AHA/ASA Scientific Statements and Practice Guidelines – Visit professional.heart.org/statements for the latest scientific statements and clinical practice guidelines, including the annual AHA Statistical Update. More information is available at the American Stroke Association’s HeadQuarters Booth 445, Hall J.

- 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 front of Hall H, Reg Area, Level 1.

- E-Posters – A different way for attendees to view poster presentations. Posters presented during the International Stroke Conference will be available during the meeting electronically at work stations in the Poster Hall (Hall H, 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, in the front of Hall H, 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 2018, Digital Acurian 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 for official AHA/ASA news coverage of the science presented at the 2016 meeting including: exclusive video interviews, presentation slides and audio, summary slides, news releases, and more.

- Wireless Internet – Complimentary WiFi will be located throughout the Los Angeles Convention Center.

News Media
From Jan 23 – 26, for media interviews, news conferences or inquiries about news releases, contact News Media Headquarters, Room 402 AB on Level 2.

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 AV 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 front of Hall H, Level 1 at the Los Angeles Convention Center during the days and hours listed below:

- Tuesday, Jan 23: 6:30 am – 5:00 pm
- Wednesday, Jan 24: 6:30 am – 5:00 pm
- Thursday, Jan 25: 6:30 am – 5:00 pm
- Friday, Jan 26: 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 2, 2018, 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 2, 2018. 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 Restaurant Reservation Booth in the South Hall Lobby, Level 1, for information and reservations at the many fine restaurants in Los Angeles and to pick up city attraction guides and brochures.

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

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

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

For safety reasons, children and infants are not permitted in the Poster Hall.
Shuttle Information
Complimentary shuttle service is provided between the hotels listed below and the Los Angeles Convention Center, South Hall (LACC). If you have questions about the shuttle or if you need to make a reservation for a wheelchair-accessible vehicle, please see the supervisor at the LACC or call Kushner & Associates at (310) 210-2139.

Tuesday, Jan 23
Shuttle from hotels to LACC South Hall 6:00 am – 10:30 am* Every 20 min
Shuttle from LACC South Hall to hotels 2:00 pm – 6:00 pm** Every 20 min

Wednesday, Jan 24
Shuttle from hotels to LACC South Hall 6:00 am – 10:30 am* Every 15 min
NO SHUTTLE 10:30 am – 2:30 pm NO SHUTTLE
Shuttle from LACC South Hall to hotels 2:30 pm – 8:00 pm** Every 15 min

Thursday, Jan 25
Shuttle from hotels to LACC South Hall 6:00 am – 10:30 am* Every 15 min
NO SHUTTLE 10:30 am – 2:30 pm NO SHUTTLE
Shuttle from LACC South Hall to hotels 2:30 pm – 7:45 pm** Every 15 min

Friday, Jan 26
Shuttle between hotels and LACC South Hall 6:00 am – 12:00 pm* Every 15-20 min
Shuttle from LACC South Hall to hotels 12:00 pm – 1:30 pm** Every 15-20 min

* Time last shuttle departs hotels coming to the LACC.
** Time last shuttle departs LACC returning to hotels. Last shuttle departs hotels coming to LACC approximately 60 minutes prior to this time.

Route #1 – Hotels Boarding Location
Westin Bonaventure - curbside on Figueroa
LA Hotel at Westin Bonaventure

Route #2 – Hotels Boarding Location
InterContinental Los Angeles Downtown - curbside on 7th St
Sheraton Los Angeles Downtown Curbside on Hope

Route #3 – Hotels Boarding Location
DoubleTree by Hilton LA Downtown - curbside on Los Angeles
Omni Los Angeles Hotel at CA Plaza - curbside on Olive
Millennium Biltmore - curbside on Grand

Route #4 – Hotels Boarding Location
Hotel Indigo Los Angeles Downtown - curbside on Francisco

The following hotel is located within walking distance of the LACC South Hall and therefore shuttle service is not provided: The LUXE City Center.

Speaker Resource Center
The Speaker Resource Center is located in Room 409 AB, Level 2 of the Los Angeles 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 409 AB 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, Jan 23 6:00 am – 5:30 pm
Wednesday, Jan 24 6:00 am – 5:30 pm
Thursday, Jan 25 6:00 am – 5:30 pm
Friday, Jan 26 6:00 am – 12 Noon

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 six new and different educational offerings by 2 different providers each day in the Science and Technology Hall, Booth 159.

Please check the ISC 2018 Mobile Meeting Guide app for session times.

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, dialoguing, diagnostic testing, drugs, intervention options and performance debriefing.

The Mentice VIST® G5 Simulator: The Mentice VIST® G5 Simulator is a portable high-fidelity endovascular simulator enabling hands-on procedural training for clinicians and medical professionals. The modules include a wide variety of training scenarios to challenge the learner’s technical skills, clinical decision-making abilities and procedural proficiency.

Stroke OnDemand™
Miss a session? Experience every session just as if you had been in the room by purchasing Stroke OnDemand™, a comprehensive digital video library of this year’s meeting online and on a portable USB (extra fee applicable). Convenient online and mobile viewing on your iPad, iPhone and Android Device. Purchase at the Stroke OnDemand™ booth in the South Hall Lobby, 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 445) or visit Heart.org/GWTGStroke to learn more about the programs.

Transportation
Taxi Service
Taxis at LAX can be found curbside on the Lower/Arrival Level islands in front of each terminal under the yellow sign indicating Taxis. Passengers will be presented with a ticket stating typical fares to major destinations. Only authorized taxis with an official seal issued by the City of Los Angeles Department of Transportation on each vehicle are permitted in the airport. Please go to flylax.com/lax-ground-transportation for more information.

Rental Cars
There is a large selection of car rental companies located at the Los Angeles airport (LAX). American Heart Association has negotiated rates with the following:

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

Public Transportation
For information about public transportation to and from LAX, please go to flylax.com/lax-ground-transportation.

Parking
The Los Angeles Convention Center can accommodate 5,600 vehicles. Please refer to the exact location of your specific event to ensure selection of a parking lot within close proximity. Learn more about parking at the Los Angeles Convention Center at lacclink.com/attendees/parking.

Ground Transportation in Los Angeles
Several modes of public transportation can be used to reach the Los Angeles Convention Center.

• Metro Rail / Metro Bus
• Dash Bus
• Metrolink Regional Rail System

Please go to lacclink.com/attendees/getting-here/public-transit for additional information.
Twitter

Venue
Los Angeles, California
Discover Los Angeles. Beaches, mountains, ocean and desert to explore. Theme parks, nightclubs and parks to play in. An incredibly diverse mix of cultures and neighborhoods to discover. Exotic ethnic restaurants, uniquely California cuisine and world-class dining to savor. Shopping, museums, sports, live music and more. Wrap it all up with a sunny climate and lifestyle that is desired the world over. What you’ve got is a wealth of experiences that few other destinations in the world can match. The Sports & Entertainment Capital of the World – Los Angeles!

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

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.

Professional Heart Daily
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. Depending on the level of membership selected, AHA/ASA Professional Members may have access to all 11 AHA scientific journals, bimonthly clinical updates, core clinical textbooks, a continually updated drug database and much more. Go to professional.heart.org.

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

StrokeAssociation.org
The 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 one-stop home for stroke information. By providing the general public and healthcare providers with trusted stroke information at the click of a button, we intend to increase awareness that stroke is largely preventable, treatable, and beatable and drive action among Americans to reduce the overall impact of stroke. Visit the site to obtain free printable patient education materials.

strokeconference.org
This 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.

WFi
WFi is available throughout the Los Angeles Convention Center.

STROKE COUNCIL ACTIVITIES

Wednesday, Jan 24, 12:10 pm – 1:30 pm – Room 403 B
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
12:10 – 12:20 Pursuing My Career Aspirations in Acute Stroke
James C Grotta, MD, Houston, TX
12:20 – 12:30 Work/Life Balance
Karen C Johnston, MD, FAHA, Charlottesville, VA
12:30 – 12:40 InterSECT
Mitchell S Elkind, MD, New York, NY
12:40 – 1:30 Moderated Roundtables

Acute Stroke Care/Stroke Centers
Sheryl B Martin Schild, MD, PhD, Metairie, LA
Brain Hemorrhage
Daniel Woo, MD, Cincinnati, OH
Health Services Research
Devin Brown, MD, Ann Arbor, MI
Neurocritical Care
Kevin N Sheth, MD, New Haven, CT
Neurocritical Care
Gene Y Sung, MD, Los Angeles, CA
Neurohospitalist/Quality Care
Rishi Gupta, MD, Marietta, GA
NeuroIntervention
Rabin Novakovic, MD, Dallas, TX
NeuroIntervention
Sanil Sheth, MD, Houston, TX
NeuroIntervention
Albert Yoo, MD, Boston, MA
NIH
Francesca Bosetti, PharmD, PhD, Bethesda, MD
Stroke Prevention
Hooman Kamel, MD, New York, NY
Stroke Prevention
Anjail Z Sharrief, MPH, Houston, TX
Stroke Rehabilitation and Recovery
Alexander Ostromick, MD, Washington, DC
Stroke Rehabilitation and Recovery
Lorie Richards, PhD, OTR/L, Salt Lake City, UT
Telemedicine
Tzu-ching Wu, MD, Houston, TX
Vascular Cognitive Impairment
Rebecca F Gottsman, MD, Baltimore, MD

We would like to thank Dr. Sean Savitz for his time and effort in planning this Early Career Luncheon.
Wednesday, Jan 24, 12:10 pm – 1:30 pm – Room 501
Advance Practice Providers’ Luncheon
Conference attendees must register for this luncheon. Tickets are $25 and seating is limited.

- The APP as Change Master
  Michelle Whaley, MSN, CNS

- APP Roles in Secondary Prevention
  Ayesha Wright, NP

- Stroke Center Interfacility Throughput
  Fern Cudlip, MSN, RN, ANVP-BC, NVRN-BC

- The 10 Most Frequent Non-compliance Issues in Stroke Certification
  Dana Reiner-Beenstock, MSN, RN, ANVP-BC, NVRN-BC

- Reimbursement Opportunities for APP-led Stroke Clinics
  Debbie Hill, BS

- The APP-led Mobile Stroke Unit
  Wendy Dusenbury, DNP, APRN, FNP-BC, CNRN, ANVP-BC & Skye Coote, BN

- APP Roles in Neurocritical Care
  Sarah Livesay, DNP, RN

- Post-acute Stroke Care / COMPASS Program
  Christina Condon, MSN, NP-C & Sarah Lycan, NP

- Building Research / Publication Interdisciplinary Scholarship
  Anne Alexandrov, PhD, RN, CCRN, NVRN-BC, ANVP-BC, AGACNP-BC, FAAN

- APP Post-graduate Stroke Education and Training
  Sharon Biby, NP

- International APP Issues
  Sandy Middleton, PhD

- Shifting Role Focus: Inpatient to Outpatient; Vascular Neurology to Neurosurgery
  Natalie Hall, MSN, RN, NP-C

- Stroke Unit-based APP Practice
  Betsy Wise, APRN, FNP-BC

- The APP as Stroke Program Quality Leader
  Alisa Richardson, RN

We would like to thank Krista Jordan, Anne W Alexandrov, Christina Condon and Sarah Lycan for their time and effort in planning this Advance Practice Providers’ Luncheon.

Thursday, Jan 25, 12:10 pm – 1:30 pm – Room 501
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, physiatrists, neurologists, psychologists and others involved in stroke care.

Moderator: Sue Pugh, RN, MSN, CRRN, CRRN, CNS-BC, FAHA, Baltimore, MD
12:10 – 1:00 Meeting “Return to Home” Needs in Patients with Stroke
Karen B Seagraves, RN, MS, MPH, ANP-BC, ACNS-BC, FAHA, Marietta, GA
1:00 – 1:30 Q&A

We would like to thank Claranne Mathiesen, Michelle Camicia, Kathy Morrison, 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 403 B
Basic Science Networking Luncheon
Conference attendees must register for this luncheon. Tickets are $25 and seating is limited.

Moderator: Raghu Vemuganti, PhD, Madison, WI
12:10 Life in the Fast Lane: Surviving and Thriving as a Mid-Career Scientist
Gregory J Bix, MD, Lexington, KY
12:20 Empty Seats at Your Table: The Benefits of Conference Networking
Ann Stowe, PhD, Dallas, TX
12:30 Life After Post-doc: Finding the Right Niche as Faculty
R Anne Stetler, PhD, Pittsburgh, PA
12:40 Q&A
12:50 Networking Time

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

AWARD INFORMATION

The International Stroke Conference 2018 is pleased to offer awards for investigators in stroke-related research. Selected awardees will present and be acknowledged at the International Stroke Conference.

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.

Wednesday, Jan 24, 11:00 am – Hall K
Thomas Willis Lecture:
Mechanistic Research to Identify Novel Targets for Stroke Therapy:
The Dawn of a New Era of Integrative Approaches
Jun Chen, MD, PhD, Pittsburgh, PA

William M Feinberg Award for Excellence in Clinical Stroke
The International Stroke Conference 2018 Program Committee accepted nominations for the 2018 William M Feinberg Award for Excellence in Clinical Stroke. This award recognizes significant contributions to the investigation and management of clinical research in stroke.
Thursday, Jan 25, 10:35 am — Hall K
William M Feinberg Award for Excellence in Clinical Stroke:
Small Vessel Disease: A Big Problem, but Fixable
Joanna M Wardlaw, MD ChB(Edin), FRCP, FRCP, FMedSci, FAHA, CBE, Edinburgh, United Kingdom

David G Sherman Lecture
This award was established in honor of David G Sherman, MD, a prominent stroke researcher and 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.

Friday, Jan 26, 11:35 am — Hall K
David G Sherman Lecture:
Stroke Science: Back to the Future
Walter Koroshetz, MD, FAHA, NIH-NINDS, Bethesda, MD

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

Thursday, Jan 25, 3:30 pm — Room 151
Stroke Research Mentoring Award
Dawn O Kleindorfer, MD, FAHA, Cincinnati, Ohio

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.

Wednesday, Jan 24, 9:45 am, SAH and Other Neurocritical Management Oral Abstracts — Room 515B
Stroke Basic Science Award:
Biocompatible, Aminocaproic Acid Stabilized Ceria Nanoparticles Rescue the Injured Brain After Subarachnoid Hemorrhage (40)
Han-Gil Jeong, MD, MD, Seoul, Korea, Republic of

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, Jan 24, 1:30 pm, Clinical Rehabilitation and Recovery Oral Abstracts II — Room 408
Stroke Rehabilitation Award:
Validation of an Ordinal, 6-Item Functional Outcome Scale for Speech and Language Disability in Stroke: The Austin Speech Labs Communication Disability Scale (42)
Steven Warach, MD, PhD, Austin, TX

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

Thursday, Jan 25, 8:45 am, Acute Neuroimaging Oral Abstracts II — Room 515A
Mordecai Y T Globus New Investigator Award in Stroke:
CT Perfusion Mismatch Identifies More Thrombectomy Patients Than Clinical Core Mismatch (113)
Edrich J Rodrigues, MBChB, Melbourne, Australia

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

Thursday, Jan 25, 7:12 am, Emergency Care/Systems Oral Abstracts II — Room 408
Stroke Care in Emergency Medicine Award:
Using Discrete Event Simulation to Assess the Regionally-Specific Impact of the Severity-Based Stroke Triage Algorithm for EMS on Patient Outcomes and Overtriage (93)
Brittany Megan Bogle, PhD, Chapel Hill, NC

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.

Thursday, Jan 25, 1:42 pm, Vascular Cognitive Impairment Oral Abstracts — Room 515A
Vascular Cognitive Impairment Award:
CD36 in Perivascular Macrophages Contributes to Neurovascular and Cognitive Dysfunction and Amyloid Angiopathy in Mice Overexpressing the Alzheimer Aβ Peptide (149)
Ken Uekawa, MD, New York, NY

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.

Friday, Jan 26, 8:00 am, Community/Risk Factors Oral Abstracts I — Room 515 B
Robert G Siekert New Investigator Award in Stroke:
Preeclampsia and Early Stroke Incidence in the California Teachers Study (174)
Eliza C Miller, MD, New York, NY

ISC Junior Investigator Travel Grants
The International Stroke Conference 2018 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 2018, present research in oral or poster format, and engage in discussion with senior investigators.

Application for travel grants for ISC 2019 will take place during the ISC 2019 abstract submission process. You must submit an abstract for ISC 2019 to be eligible to apply for a travel grant.

The International Stroke Conference 2018 Program Committee would like to thank the AHA/ASA’s Stroke Council for their very generous contribution to the ISC 2018 travel grants.
NOMINATIONS FOR ISC 2019 AWARDS

Nominations for ISC 2019 Awards
ISC staff will begin accepting nominations for the named ISC awards on Wednesday, Jan 24, 2018. The deadline to submit nominations for the Feinberg, Sherman, Willis and Mentoring Awards is Wednesday, June 27, 2018. 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 23 – June 14, 2018.

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

To be a part of a Poster Tour, please turn to pg 54 and pg 87 in the Poster Abstracts section of the Final Program and decide which section/category of posters you would like to attend during each of the two Poster Tour Sessions. Five – ten minutes prior to the Poster Tour Session start time, simply go to the correspondingly numbered “Section” sign for that section/category of posters.

During the Regular Poster Sessions, poster presenters will stand by their poster for individual Q&A time with attendees; they will not give a formal presentation. These posters are separate and not a part of the Professor-led Poster Tours. To see the posters in the Regular Poster Session, please turn to pg 62 and pg 94 in the Posters 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 H, Level 1) from 8:00 am – 7:00 pm on Wednesday, Jan 24 and from 8:00 am – 6:45 pm on Thursday, Jan 25.

The speaker-attended poster sessions will take place at the following times:

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
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<tr>
<td>Wednesday, Jan 24</td>
<td>5:30 pm – 6:30 pm</td>
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<tr>
<td></td>
<td>Regular Poster Session</td>
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<tr>
<td>Thursday, Jan 25</td>
<td>5:15 pm – 6:15 pm</td>
</tr>
<tr>
<td></td>
<td>Regular Poster Session</td>
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</tbody>
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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 Poster Hall.

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

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

Start Planning Now for the International Stroke Conference 2019 in Honolulu, Hawaii!

CALL FOR SCIENCE

Thank you for attending the International Stroke Conference 2018. Please don’t forget these important dates for the International Stroke Conference 2019:

Submit Session Ideas
| Suggested Session Submitter Opens: | Monday, Jan 22, 2018 |
| Suggested Session Submitter Closes: | Monday, Feb 26, 2018 |

Submit Your Best Science for Consideration for ISC 2019

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 2017.
- **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**: ISC 2017 reached nearly 15 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 levels can apply for several abstract-based awards provided they are Members. Student, Trainee and Early Career Authors – please be sure to submit your abstract for award consideration including the Junior Investigator Travel Award Grants. Strokeconference.org/awardsandlectures.

**Submit Abstracts**

| Submission Opens: | Wednesday, May 23, 2018 |
| Submission Closes: | Tuesday, Aug 14, 2018 |

Submit Late-Breaking Science Abstracts and Ongoing Clinical Trials Abstracts

| Submission Opens: | Wednesday, Oct 10, 2018 |
| Submission Closes: | Tuesday, Nov 7, 2018 |

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.
Richard J. Trastman
April 5, 1942 - October 19, 2017

Degrees: MS, PhD
PhD: Johns Hopkins University Medical Center

Institution(s):
• Distinguished Professor and Senior Vice Chair for Research at Johns Hopkins University (more than 30 years).
• Associate Vice President for Research Planning and Development, Associate Dean for Research, and Professor of Anesthesiology and Peri-operative Medicine at the Oregon Health and Science University.
• Oversaw the research functions at the Colorado University-Anschutz and the Colorado University-Denver including research development, regulatory compliance, and laboratory animal resources.

Notable Career Highlights:
• Published more than 475 articles in peer-reviewed journals.
• Served on editorial boards for many prestigious journals.
• Trained more than 100 fellows and students.
• Funded by NIH.
• Scientific contributions were many, with his most significant and lasting influence in the field of cerebral blood flow and metabolism.

• Numerous distinguished awards including:
  • Lifetime Achievement Award from the International Society of Cerebral Blood Flow & Metabolism
  • Excellence in Research Award from the American Society of Anesthesiologists
  • Excellence in Research Award from the Society of Critical Care Medicine
  • Distinguished Scientist Award from the American Heart Association

Warm and kind, Dick was a tremendous colleague, great contributor to his field, and mentor to many students and postdocs.
Learning designed with **YOU** in mind

**CME/CE Catalog 2018**

The American Heart Association’s Lifelong Learning Center is designed to be your source for the latest in stroke continuing education. Our education is developed by experts and offered through a variety of platforms to meet your preferred style of learning. Access our catalog at:

GET THE **MOST** OUT OF YOUR

CVSN COUNCIL

PROFESSIONAL MEMBERSHIP

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

**OPPORTUNITIES TO:**

- Network with cardiovascular and cerebrovascular experts and peers from across the country and world.
- Collaborate with multidisciplinary colleagues on clinical practice.
- Learn the latest cutting-edge research in prevention, diagnosis, and treatment of cerebrovascular disease.
- Receive council awards and grants.
- Gain fellowship status.
- Serve in leadership roles.
- Support the AHA/ASA mission through advocacy and other efforts.

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

Visit our staff at **HeadQuarters Booth 445** to learn more about the Stroke Council and the benefits belonging to the AHA/ASA Professional Membership and our network of nearly 33,000 members.

Learn more about the Stroke Council at [professional.heart.org/cvsncouncil](http://professional.heart.org/cvsncouncil).
**State-of-the-Science Stroke Nursing Symposium 2018**

**TUESDAY, JAN 23, 2018**
**LOS ANGELES CONVENTION CENTER**
**LOS ANGELES, CALIFORNIA**

The American Heart Association/American Stroke Association is grateful to the members of the 2018 State-of-the-Science Stroke Nursing Symposium Program Committee for their dedication and leadership provided throughout the year planning the program.

**Program Committee**

- Dawn Aycock, BSN, MSN, PhD, Chair
- Michelle Camicia, PhD(c), MSN, CRNN, CCM, FAHA, Vice Chair
- Taura L Barr, PhD, RN, FAHA
- Terrie Black, DNP, MBA, RN, CRNN, FAHA, CVSN Liaison
- Trudy Gaillard, PhD, RN, CDE
- Norma D McNair, PhD, RN, ACNS-BC, FAHA
- Elaine T Miller, PhD, RN, CRNN, FAHA, FAAN, ISC Program Committee Liaison
- Sue Pugh, MSN, RN, CRNN, CRNN, CNS-BC, FAHA
- Karen L Saban, PhD, APRN, RN, CRNN, Immediate Past Chair

**Program Committee’s Conflict of Interest Information**

- D Aycock: Research Grant; Significant; NINR/NIH K01NR015494–01 Award.
- M Camicia: Research Grant; Modest; Grant funding from the Rehabilitation Nursing Foundation. Other; Modest; Instructor, MedBridge.
- T L Barr: Employment; Significant; Valtari Bio. Ownership Interest; Significant; Valtari Bio.
- T Black: Employment; Modest; The Joint Commission
- T Gaillard: None.
- N D McNair: Consultant/Advisory Board; Modest; Trustee, American Board of Neuroscience Nurses, Consultant to National MS Society (research study).
- E T Miller: None.
- S B Pugh: None.
- K L Saban: 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 care from prevention to treatment in the emergency department through rehabilitation. The symposium will update and inform the audience about nursing issues along the continuum of stroke care (primary and secondary prevention, 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. An exciting plenary program and stimulating break-out sessions are planned to meet educational needs for nurses, rehabilitation and healthcare professionals at various skill levels.

**Learning Objectives**

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

- Discuss the integration of Mission Lifeline severity-based stroke triage algorithm into stroke systems of care including:
  - Challenges in the development of severity-based stroke triage algorithm
  - Implementation of severity-based stroke triage algorithm

- Explain the stroke bundled payment for care improvement at three organizations including:
  - Evolution from loss to gain at Penn State Hershey
  - Benefits of a post-acute network at Abington-Jefferson
  - Outside the box strategies at Vanderbilt

- Summarize evidence-based strategies for preventing stroke and stroke complications including:
  - Stroke prevention and preparedness for African Americans
  - How a community-based multidisciplinary outpatient rehab program optimizes stroke survivorship including health, return to work, and overall outcomes

- Demonstrate how to facilitate admission, progression and discharge for stroke including:
  - How to promote a strong stroke support system by partnering with advocates and caregivers to create a supportive network for stroke survivors;
  - How to create and evaluate print and online educational materials

- Describe advances in clinical research, practice and quality improvement including:
  - The essentials of non-traumatic subarachnoid hemorrhage: presentation and initial assessment; acute management options; and prognostic indicators, complications, and sequelae
  - The needs, design, and implementation of a remote stroke service; and how to overcome the barriers to reap the benefits

- Develop and implement a stroke support system for patients and their caregivers

- Overview of the current state of stroke survivors and their family caregivers;
  - Educational assessment strategies that professionals can use; and how to create and evaluate print and online educational materials

- Discuss how to facilitate admission, progression and discharge for stroke including:
  - How to promote a strong stroke support system by partnering with advocates and caregivers to create a supportive network for stroke survivors;
  - How to create and evaluate print and online educational materials

- Encourage evidence-based medicine collaboration using a novel E-communication tool; and review of secondary stroke prevention clinical practice guidelines used in acute care

**Joint Accreditation Statements**

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

**ANCC Credit Designation Statement – Nurses**

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

**ANCC Credit must be claimed within 6 months of attendance. CME/CE credit will no longer be available to claim after July 23, 2018.**

**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, JANUARY 23**

For the most current program information and speakers, please go to the online Program Planner on strokeconference.org or download the ISC 2018 Mobile Meeting Guide app.

**8:00 am – 11:30 am**

**Main Event**

**Hall K**

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

**8:00** Welcome and Opening Remarks from the Stroke Nursing Symposium Chair
Dawn M Aycock, RN, PhD, MSN, BSN, Atlanta, GA

**8:10** Council Welcome and Remarks from the CVSN Council Chair
Nancy Marie Trygar Artinian, PhD, RN-BC, FAHA, East Lansing, MI

**8:15** Stroke Article of the Year Recipient - Article Highlights
Gianluca Pucciarelli, Rome, Italy

**8:20 – 9:50**

Integration of Mission Lifeline Severity-based Stroke Triage Algorithm into Stroke Systems of Care:

**8:20** Challenges in Development of Severity-based Stroke Triage Algorithm
Deborah R Summers, MSN, RN, FAHA, ARNP, Kansas City, MO

**8:45** Application of Severity-based Stroke Triage Algorithm
Lynn Hundley, APRN, CRNN, MSN, RN, Louisville, KY
### 9:10 – Stroke Systems of Care Implementation of Severity-based Stroke Triage Algorithm
Jean Luciane, MSN, RN, CCRN, CNRN, SCRN, Philadelphia, PA

### 9:35 Q&A: Networking of Ideas

### 9:50 am – 10:05 am

**Short Break**

### 10:05 – 11:30

**Stroke Bundled Payment for Care Improvement: Experiences and Unexpected Outcomes at Three Organizations:**

10:05 **Bundle Payment Background**
- Kathy Morrison, RN, MSN, Hershey, PA

10:24 **Benefits of a Post Acute Network at Abington-Jefferson**
- Deborah Murphy, MSN, CCRN, Abington, PA

10:42 **Evolution from Loss to Gain at Penn State Hershey**
- Alicia Richardson, Hershey, PA

11:01 **Outside the Box Strategies at Vanderbilt**
- Kiersten Espalat, ANP, DNP, Nashville, TN

### 11:20 Q&A: Networking of Ideas

### 11:30 am – 1:00 pm

**Lunch – Hall G**
- A boxed lunch will be provided.

### 1:00 pm – 5:00 pm

#### Concurrent A – Room 150

**Stroke Prevention: Evidence Based Strategies for Preventing Stroke and Stroke Complications**
- Moderators: Daiwai Olson, RN, PhD, CCRN, Addison, TX
- Terrie Black, DNP, MBA, CRRN, FAHA, FAAN, Williamsville, NY

1:00 – 2:00
- **Addressing Health Disparities: Stroke Prevention and Preparedness for African Americans**
  - Dawn M Aycock, RN, PhD, MSN, BSN, Atlanta, GA

1:15 **Addressing Health Disparities: Secondary Stroke Prevention for African Americans**
  - Gayenell Magwood, PhD, RN, FAAN, Charleston, SC

1:30 **Addressing Health Disparities: Stroke Preparedness for African Americans**
  - Claudia C Beal, RN, Dallas, TX

1:45 Q&A: Networking of Ideas

2:00 – 2:45
- **From Stroke Patient to Stroke Survivor: Models to Optimize Stroke Survivorship:**
  - Joan C Breen, MD, North Hampton, NH

2:15 **Optimizing Survivorship for Patients with Hemorrhagic Stroke**
  - Marissa DeJesus, MS, Columbus, OH

2:30 Q&A: Networking of Ideas

2:45 pm – 3:00 pm
- Short Break

### 3:00 – 4:00

**Spinal Cord Infarction: Unique Challenges:**

3:00 **Spinal Cord Infarction: What Causes It and How Do You Recognize and Treat It?**
  - David N Alexander, MD, Los Angeles, CA

3:25 **Post-acute Care of the Patient with Spinal Cord Infarction**
  - Jay H Rosenberg, MSN, CRRN, West Orange, NJ

3:50 Q&A: Networking of Ideas

4:00 **Predictors of Ischemic Stroke and Stroke Mimic During Pregnancy**
  - Chelsea Meyer, Unn of Utah, UT

4:15 **It Takes a Village: And Other Lessons Learned from a Large Volume Comprehensive Stroke Center**
  - Adam De Havenon, Unn of Utah, UT

4:30 **Post TPA Neuro Vitals, a New Approach with the Help of an Old Friend**
  - Jason Lee, Houston Methodist Hosp, Houston, TX

4:45 Discussion

### 1:00 pm – 5:00 pm

#### Concurrent B – Room 408

**Acute Care: Advances in Clinical Research, Practice and Quality Improvement**
- Moderator: Trudy Gailard, RN, Cincinnati, OH

1:00 – 2:00
- **A World of Hurt: The Essentials of Non-traumatic Subarachnoid Hemorrhage:**
  - Elizabeth M Kim, ANP, Redwood City, CA

1:15 **Challenges and Strategies for Implementing Transitional Care Models:**
  - Dawn M Aycock, RN, PhD, MSN, BSN, Atlanta, GA

1:30 Part III: Prognostic Indicators, Complications, and Sequela

1:45 Q&A: Networking of Ideas

2:00 – 2:45
- **Remote Stroke Service: A Novel Use of Telemedicine:**
  - Benjamin Morrow, BS, MSN, Pittsburgh, PA

2:15 Preparing for a Remote Stroke Service: Overcoming the Barriers to Reap the Benefits
  - Elizabeth Tedesco, Pittsburgh, PA

2:30 Q&A: Networking of Ideas

2:45 pm – 3:00 pm
- Short Break

### 3:00 – 4:00

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  - Adam De Havenon, Unn of Utah, Salt Lake City, UT

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  - Jason Lee, Houston Methodist Hosp, Houston, TX

4:45 Discussion

### 1:00 pm – 5:00 pm

#### Concurrent C – Room 153

**Rehabilitation & Recovery: Facilitating Admission, Progression and Discharge for Stroke**
- Moderator: Sue Pugh, MSN, RN, CNRN, CNRN, CNS-BC, FAHA, Baltimore, MD

1:00 – 2:00
- **Nursing Led Post-stroke Transitional Care:**
  - Sarah Lycan, NP, MSN, AGPCNP-BC, Winston-Salem, NC

1:15 **Challenges and Strategies for Implementing Transitional Care Models:**
  - Sarah Lycan, NP, MSN, AGPCNP-BC, Winston-Salem, NC

1:30 **Part III: Prognostic Indicators, Complications, and Sequela**

1:45 Q&A: Networking of Ideas

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- Short Break

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  - Jason Lee, Houston Methodist Hosp, Houston, TX

4:45 Discussion
1:30 Outcomes Beyond 30 Days: What Is Important to Patients and Their Caregivers?  
Dawn Becker, RN, BSN, Kinston, NC

1:45 Q&A: Networking of Ideas

2:00 – 2:45
Education for Survivors and Family Carers Across the Continuum of Care:
2:00 Overview of the Current State of Stroke Survivors and their Family Carers  
Theresa L Green, BScN, MSc, PhD, Kelvin Grove, Australia

2:13 Educational Assessment Strategies that Professionals Can Implement  
Barbara J Lutz, PhD, RN, Hampstead, NC

2:25 Create and Evaluate Print and Online Educational Materials  
Linda L Pierce, RN, PhD, Toledo, OH

2:37 Q&A: Networking of Ideas

2:45 pm – 3:00 pm
Short Break

3:00 – 4:00
Innovative Collaborative Techniques in the Development of an Integrated Comprehensive Stroke System of Care:
3:00 Promoting a Strong Stroke Support System: Partnering with Advocates and Caregivers to Create a Supportive Network for Stroke Survivors  
Debbie L Hill, BS, Gainesville, FL

3:15 Encouraging Evidence-based Medicine Collaboration Using a Novel E-Communication Tool  
Wende Fedder, DNP, Nashville, TN

3:30 Review of Secondary Stroke Prevention Clinical Practice Guidelines Used in Acute Care  
Kenneth J Gaines, MD, Nashville, TN

3:45 Q&A: Networking of Ideas

4:00 Driving Down Readmissions With Dynamic Discharge Follow up Team  
Alicia Richardson, Penn State Health, Hershey, PA

Annette Miller, Penn State Health, Hershey, PA

4:15 The Effects of Integration and Implementation of a Stroke Nurse Navigator Program in a Comprehensive Stroke Center  
Karen Sher, Hartford Hosp, Hartford, CT

Amre Nouh, Hartford Hosp, Hartford, CT

4:30 The Use of Motivational Interviewing in Maintaining Optimal Blood Pressure Post Stroke  
Uzoamaka N Nwosu, Carle Fndn Hosp, Champaign, IL

4:45 Discussion


CALL FOR SCIENCE
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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 23, 2018
Submission Closes: Tuesday, Aug 14, 2018

Submit Late-Breaking Science Abstracts and Ongoing Clinical Trials Abstracts
Submission Opens: Wednesday, Oct 10, 2018
Submission Closes: Wednesday, Nov 7, 2018

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

International Stroke Conference 2019!

Hawaii Convention Center
Honolulu, Hawaii

Feb 5  | State-of-the-Science Stroke Nursing Symposium 2019
Feb 5  | ISC Pre-Conference Symposia 2019
Feb 6–8 | International Stroke Conference 2019

Call for Abstracts
May 23–Aug 14, 2018 (11:59 pm CDT)

Late-Breaking Science and Ongoing Clinical Trials Abstract Submission
Oct 10–Nov 7, 2018

Early Registration Deadline:
Dec 18, 2018

Advanced Registration Deadline:
Jan 15, 2019

Save up to $960 on ISC 2019 registration fees!**

FAHA/VIP:
Sept 26, 2018

Members*:
Oct 3, 2018

Nonmembers:
Oct 10, 2018

Must be an AHA/ASA Professional Member by Oct 3, 2018 to qualify for the opening of priority registration and housing.

Registration savings depend on registration level and membership tier.

Learn more at strokeconference.org

Education. Inspiration. Illumination.
HOW TO MAKE REHAB WORK HARDER.

Choosing the right rehab program can be a big plus in recovering from a stroke. We help you help your patients do just that, by sharing our Stroke Rehab Toolkit with resources including:

» **PATIENT GUIDE TO MAKING REHAB DECISIONS**
   Information about what happens in rehab and advice on matching the patient’s needs to the appropriate types of resources

» **PATIENT SHEET TO REHAB PLANNING**
   A checklist of questions for patients/family to ask during hospitalization, before discharge and when considering rehab providers with the goal of making informed rehab decisions

» **GUIDELINES KEY RECOMMENDATIONS FOR HEALTHCARE PROVIDERS**
   Downloadable PDFs that summarize stroke rehab guidelines

» **STROKE REHAB AND RECOVERY: MOVING FROM PAPER TO PRACTICE**
   A video of our webinar on applying evidence-based stroke rehab guidelines

Download the Stroke Rehab Toolkit at StrokeAssociation.org/Recovery
Delivering science and clinical guidance you can trust

Accessible anytime, anywhere on any device

Stay informed!
Visit professional.heart.org

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ISC Pre-Conference Symposium I

Stroke in the Real World: There Will Be Blood: Management and Treatment of ICH

TUESDAY, JAN 23, 2018
LOS ANGELES, CONVENTION CENTER
LOS ANGELES, CALIFORNIA

The American Heart Association/American Stroke Association is grateful to the members of the ISC 2018 Pre-Conference Symposium I Program Committee for their dedication and leadership provided throughout the year in planning the program.

Program Committee
Teid Wein, MD, FRCP, FAHA, Chair
Darlish Dowlathahai, MD, PhD, FRCP
Branko Huisa-Garate, MD
Navez Karanjia, MD
Patrick D Lyden, MD
William Mack, MD
Nerses Sanossian, MD
Latisha Sharma, MD
Sid Starkman, MD
Paul Vespa, MD
Gune Yeng Sung, MD, MPh
Wengui Yu, MD, PhD
Bruce Ovbiagele, MD, MSc, FAHA
Wengui Yu, MD, PhD
Miguel A Perez-Pinzon, PhD, FAHA

Program Committee’s Conflict of Interest Information
T Wein: Research Grant; Significant; Allergan. Other Research Support; Modest; Amgen. Consultant/Advisory Board; Modest; Ipsen, Servier.
D Dowlathahai: Honoraria; Modest, BMS. Advisory Board; Modest, Bayer.
B Huisa: None.
N Karanjia: None.
P Lyden: None.
W Mack: Consultant/Advisory Board; Significant, Rebound Therapeutics. Consultant/Advisory Board; Modest, Medtronic, Stryker. Ownership Interest; Modest, Cerebrotech, Endostream, Viseon, Rebound Therapeutics.
N Sanossian: Speakers’ Bureau; Modest; Genentech. Consultant/Advisory Board; Significant; Medtronic.
L Sharma: None.
S Starkman: Research Grant; Modest; Pfizer.
G Sung: Research Grant; Significant; NIH research grant on ICH. ERICH Ethnic/Racial Variations of Intracerebral Hemorrhage NCT01202964.
P Vespa: Research Grant; Significant, NIH.
W Yu: Consultant/Advisory Board; Modest, Stryker Neurovascular.
B Ovbiagele: None.
M Perez-Pinzon: None.

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 Intracerebral Hemorrhage while emphasizing application in the real world. The symposium informs the audience about issues along the full continuum of ICH care and covers varied topics of interest to healthcare providers working in the emergency department, hospitalist settings, neurosurgery, radiology, general neurology, and other stroke care areas. This year’s symposium will focus on the management and treatment of intracerebral hemorrhage including: pre-hospital diagnosis and treatment of ICH; ED stabilization and triage of the ICH patient; understand toxic clot constituents and cytotoxicity; a debate on minimally invasive surgery; ICH controversies; how to investigate and image vascular lesions in ICH; effects of size and ICH expansion; and amyloid angiopathy and microbleeds. 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:

- Discuss pre-hospital diagnosis and treatment of ICH
- Define how to stabilize and triage an ICH patient in the ED
- Explain toxic clot constituents and cytotoxicity
- Analyze whether minimally invasive surgery is appropriate or not
- Paraphrase the evidence of ICU controversies
- Demonstrate how to investigate and image vascular lesions in ICH
- Identify if size matters in ICH expansion
- State the diagnosis, prognosis and implications for treatment of congophilic amyloid angiopathy and microbleeds
- Deduce whether to use intense or moderate therapy in order to obtain the “sweet spot” for blood pressure after ICH
- Cite the evidence for practical prognostication and palliation
- Calculate when to resume anticoagulation in complex clinical scenarios in ICH
- Explain the pros and cons for the role of reversal agents

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

AMA Credit Designation Statement – Physicians
The American Heart Association designates this live activity for a maximum of 7.00 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AAPP Credit Acceptance Statement – Physician Assistants
AAPA accepts certificates of participation for educational activities certified for AMA PRA Category 1 Credit™ from organizations accredited by ACCME or a recognized state medical society. Physician assistants may receive a maximum of 7.00 hours of Category 1 credit for completing this program.

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

**AMA Credit must be claimed within 6 months of attendance. Credit will no longer be available to claim after July 23, 2018.

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.

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 unblended/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 I.

Tuesday, January 23

Stroke in the Real World: There Will Be Blood: Management and Treatment of ICH

For the most current program information and speakers, please go to the online Program Planner on strokeconference.org or download the ISC 2018 Mobile Meeting Guide app.

9:00 am – 12 Noon

Main Event – Room 151

Moderators: Navaz P Karanjia, MD, San Diego, CA
Nerses Sanossian, MD, Los Angeles, CA

9:00 Welcome
Bruce Ovbiagele, MD, MSc, MAS, FAHA, Charleston, SC

9:05 Scoop and Run: Pre-Hospital Diagnosis and Treatment of ICH
Nerses Sanossian, MD, Los Angeles, CA

9:20 Q&A

9:30 The Golden Hour: ED Stabilization and Triage of the ICH Patient
Opeolu Adeoye, MD, Cincinnati, OH

9:50 Q&A
10:00 The Killing Fields: Toxic Clot Constituents and Cytotoxicity
Guohua Xi, MD, Ann Arbor, MI
10:30 Q&A
10:40 Double Indemnity: Surgery or Not? Minimally Invasive Surgery, Evidence and Debate - PRO
Daniel F Hanley, MD, FAHA, Baltimore, MD
10:55 Double Indemnity: Surgery or Not? Minimally Invasive Surgery, Evidence and Debate - CON
11:10 Q&A
11:20 Apocalypse Now: ICU Controversies: Where Is the Evidence?
Navaz P Karanjia, MD, San Diego, CA
11:50 Q&A

12:00 pm – 1:00 pm
Lunch – Room 152
All Faculty (A boxed lunch will be provided.)

1:00 pm – 2:00 pm
Main Event (cont) – Room 151
Moderators: Branko Huisa-Garate, MD, San Diego, CA
Latisha Sharma, MD, Los Angeles, CA

1:30 Lock, Stock and Two Barrels: Vascular Lesions in ICH? How to Investigate and Image
Christian Stapf, MD, Montreal, QC Canada
1:40 Larger than Life: ICH Expansion and Size: Does the Size Matter?
David Rodriguez-Luna, MD, PhD, Barcelona, Spain
2:00 Q&A

2:10 pm – 2:55 pm
Concurrent Sessions
Concurrent IA – Room 502 A
The Ugly Truth: Practical Prognostication and Palliation: What Is the Evidence?
Shouri Lahiri, MD, New York, NY
Concurrent IB – Room 502 B
The Dark Knight: Complex Clinical Scenarios in ICH: When to Resume Anticoagulation
Ashkan Shoamanesh, MD, Ancaster, ON, Canada
Concurrent IC – Room 515 A
Cloudy with a Chance of Meatballs: Role of Reversal Agents
Role of Reversal Agents - PRO
Patrick D Lyden, MD, Los Angeles, CA
Role of Reversal Agents - CON
Darulsh Dowlatshahi, MD, PhD, FRCPc, Ottawa, ON, Canada

3:00 pm – 3:45 pm
Concurrent Sessions
Concurrent IIA – Room 502 A
The Ugly Truth: Practical Prognostication and Palliation: What Is the Evidence?
Shouri Lahiri, MD, New York, NY
Concurrent IIB – Room 502 B
The Dark Knight: Complex Clinical Scenarios in ICH: When to Resume Anticoagulation
Ashkan Shoamanesh, MD, Ancaster, ON, Canada
Concurrent IIC – Room 515 A
Cloudy with a Chance of Meatballs: Role of Reversal Agents
Role of Reversal Agents - PRO
Patrick D Lyden, MD, Los Angeles, CA
Role of Reversal Agents - CON
Darulsh Dowlatshahi, MD, PhD, FRCPc, Ottawa, ON, Canada

4:00 pm – 5:10 pm
Closing Main Event – Room 151
Moderators: Branko Huisa-Garate, MD, San Diego, CA
Latisha Sharma, MD, Los Angeles, CA
4:00 Gorillas in the Mist: Congophilic Amyloid Angiopathy and Microbleeds: Diagnosis, Prognosis and Implications for Treatment
Branko N Huisa, MD, San Diego, CA
4:30 Q&A
4:40 Kramer vs. Kramer Debate: “Sweet Spot” for Blood Pressure after ICH - PRO Intense Therapy
Craig Anderson, MD, PhD, Sydney, Australia
4:50 Kramer vs. Kramer Debate: “Sweet Spot” for Blood Pressure after ICH - PRO Moderate Therapy
Ken S Butcher, MD, PhD, FRCP(C), Parkville (Melbourne, Australia
5:00 Q&A
5:05 Gone in 60 Seconds: Closing Remarks
Bruce Ovbiagele, MD, MSc, MAS, FAHA, Charleston, SC

ISC Pre-Conference Symposium II
Stroke in the Lab World: Reversing Stroke Translational Research – Bedside to-bench and Back Again
TUESDAY, JAN 23, 2018
LOS ANGELES, CONVENTION CENTER
LOS ANGELES, CALIFORNIA
The American Heart Association/American Stroke Association is grateful to the members of the ISC 2018 Pre-conference Symposium II Program Committee for their dedication and leadership provided throughout the year in planning the program.

Program Committee
Jin-Moo Lee, MD, PhD, Chair
Daniel Woo, MD
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
J M Lee: None.
D Woo: Research Grant; Significant: NS036695; NS030678; NS093870; NS100417.
B Ovbiagele: None.
M Perez-Pinzon: None.

Symposium Description
A new translational research paradigm will be explored, representing a shift from benchside-to-bedside, to reverse translation – bedside-to-bench. This pre-conference event is designed to address challenges facing traditional “forward-translation” stroke research. Despite four decades of research investigating mechanisms involved in ischemic brain injury, for example, we have yet to develop an FDA-approved neuroprotective agent. Is forward translation the only approach we should be taking? How can we take advantage of human samples, from biofluids to tissue, to help guide our future stroke research? This half-day symposium brings together leading researchers who have successfully achieved reverse translation, starting with human samples, and applying cutting-edge big data techniques to identify genes/proteins of relevance. Though reverse translation assures relevance to human disease, how can we leverage traditional bench approaches to truly understand the significance of these findings? We will further explore examples of next steps needed to understand molecular mechanisms implicated by the genes/proteins identified by these new “omic” techniques.

Learning Objectives
After participating in this activity, participants will be able to:
- Define how human genetics can be used to identify new targets involved in stroke pathogenesis
- Discuss the utility of the blood transcriptome to understand stroke etiology and subtypes
- Apply a systems biology approach to integrating big data across the “omics”
- Explain how to exploit animal models to understand underlying mechanisms of GWAS hits
- Describe the use of human tissue to create in vitro models of disease
Joint Accreditation Statements
In support of improving patient care, this activity has been planned and implemented by the American Heart Association. The American Heart Association is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

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AAPA Credit Acceptance Statement – Physician Assistants
AAPA accepts certificates of participation for educational activities certified for AMA PRA Category 1 Credit™ from organizations accredited by ACCME or a recognized state medical society. Physician assistants may receive a maximum of 4.00 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.

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

Tuesday, January 23

Stroke in the Lab World: Reversing Stroke Translational Research – Bedside-to-bench and Back Again

For the most current program information and speakers, please go to the online Program Planner on strokeconference.org or download the ISC 2018 Mobile Meeting Guide app.

1:00 pm – 5:00 pm
Theater 411

Moderators: Jin-Moo Lee, MD, PhD, Saint Louis, MO
Daniel Woo, MD, Cincinnati, OH

1:00 Failure of Traditional Forward Translation: The Case of Neuroprotection
Jin-Moo Lee, MD, PhD, Saint Louis, MO

1:15 Genomics Approach to Reverse Translation
Daniel Woo, MD, Cincinnati, OH

1:55 Probing Biofluids to Understand Disease Pathogenesis: A Transcriptomics Approach
Frank Ray Sharp, MD, Sacramento, CA

2:35 – 2:45 Break

2:45 Integrating Big Data across the Omics: A Systems Biology Approach
Philip De Jager, MD, New York, NY

3:25 Bedside-to-Bench-to-Drug Target
Martin Dichgans, MD, Munich, Germany

4:05 Harvesting Human Cells to Develop “Disease-in-a-dish”
Adam Engler, PhD, La Jolla, CA

4:45 Q&A
The American Heart Association/American Stroke Association’s AIS treatment guidelines recommend the use of stent retrievers (after Alteplase IV r-tPA) for removing large vessel occlusions in eligible patients. It’s a change that marks a new standard of care — and a new opportunity to improve outcomes. *If you haven’t already implemented the updates, now is the time. Our toolkit is here to help.*

**THE TOOLKIT INCLUDES:**

- AIS Guidelines QuickSheet
- Severity-Based Stroke Triage Algorithm for EMS
- Stroke Simulation Event Toolkit
- Stroke Screening and Severity Tools for LVO (large vessel occlusions)
- Healthcare Professional Guide
- Patient Resources and more

**VISIT US AT BOOTH #445 OR StrokeAssociation.org/AISToolkit**

Medtronic is a proud supporter of the Together to End Stroke® initiative and the Acute Ischemic Stroke Toolkit.

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Amplify Your Wake. Publish in Stroke.

Representing the best in the field—original contributions, brief reports, basic science advances for clinicians, controversies, emerging therapies, state-of-the-science nursing reviews, topical reviews, Cochrane Corner, comments and opinions, teaching cases, and more.
Changes to the programming might have occurred since the Final Program went to print. For the current, most accurate programming information, please refer to the ISC 2018 Mobile Meeting Guide app. To download the app, search “AHA Events” in the App Store or Google Play.
### WEDNESDAY, JANUARY 24 (7:00 am – 8:30 am)

<table>
<thead>
<tr>
<th>Category</th>
<th>Diagnosis of Stroke Etiology</th>
<th>Preventive Strategies</th>
</tr>
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<tbody>
<tr>
<td>Session Title</td>
<td>Intracranial Atherosclerosis: Burden of Stroke in Asians (an AHA/ASA and Chinese Stroke Association Joint Symposium)</td>
<td>Pre-Diabetic States: Should We Treat Early and Often after Stroke?</td>
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<td>Session Type</td>
<td>Invited Symposium</td>
<td>Invited Symposium: Diabetes Mini-Symposium</td>
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<tr>
<td>Room</td>
<td>515 A</td>
<td>Room 151</td>
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<tr>
<td>Moderator(s)</td>
<td>Teruyuki Hirano, MD, PhD, Mitaka, Japan Marc I Chimowitz, MD, FAHA, Charleston, SC</td>
<td>David Wang, DO, FAHA, Peoria, IL Philip B Gorelick, MD, MPh, FAHA, Grand Rapids, MI</td>
</tr>
<tr>
<td>7:00</td>
<td>Stroke Imaging for Intracranial Atherosclerosis Dong-Eog Kim, MD, PhD, Goyang, Korea, Republic of</td>
<td>Global Burden of Obesity, Metabolic Syndrome and Diabetes Nathan D Wong, PhD, Irvine, CA</td>
</tr>
<tr>
<td>7:19</td>
<td>Endovascular Therapy for Intracranial Atherosclerosis Shinichi Yoshimura, MD, Nishnomyia, Japan</td>
<td>Insulin Resistance and Metabolic Syndrome: An Appropriate Target for Stroke Prevention Dawn Kleinendorfer, MD, FAHA, Cincinnati, OH</td>
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<tr>
<td>7:38</td>
<td>Antithrombotic Therapy for Intracranial Atherosclerosis Liping Liu, MD, Beijing, China</td>
<td>Optimal Use of Pioglitazone in Stroke Prevention Walter N Kernan, MD, New Haven, CT</td>
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<tr>
<td>7:57</td>
<td>Hypolipidemic Therapy for Intracranial Atherosclerosis Oh Young Bang, MD, Seoul, Korea, Republic of</td>
<td>Managing Diabetes after Stroke Joshua Z Willey, MD, New York, NY</td>
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<tr>
<td>8:16</td>
<td>Discussion</td>
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<tr>
<th>Category</th>
<th>In-hospital Treatment Nursing</th>
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<tr>
<td>Session Title</td>
<td>In-hospital Treatment Oral Abstracts</td>
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<td>Session Type</td>
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<td>Room</td>
<td>Room 502 B</td>
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<tr>
<td>Moderator(s)</td>
<td>Martin Koehrmann, MD, Essen, Germany</td>
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<tr>
<td>7:00</td>
<td>Early Recurrence in Paroxysmal Versus Sustained Atrial Fibrillation in Patients with Acute Ischemic Stroke 1 Filippo Angelini, Perugia, Italy On behalf of the RAF Investigators</td>
</tr>
<tr>
<td>7:12</td>
<td>Co-administration of Proton-Pump Inhibitors with Thienopyridines Increases Risk of Adverse Cerebrovascular Outcomes 2 Kanark Mahbod, Charleston Area Medical Ctr, Charleston, WV Georgios Tougouls, Univ of Athens, Athens, Greece</td>
</tr>
<tr>
<td>7:24</td>
<td>Increasing Use of Intravenous Thrombolytic Therapy was Associated with Decline in Ischemic Stroke Mortality in Medicare Beneficiaries 3 Shumel Man, Wright State Univ Boonshoft Sch of Med, Dayton, OH Ken Uchino, Cleveland Clinic, Cleveland, OH</td>
</tr>
<tr>
<td>7:36</td>
<td>Safety of Intravenous Thrombolysis Among Patients Taking Direct Oral Anticoagulants: A Systematic Review and Meta-analysis 4 Ramin Zand, Dept of Neurology, Danville, PA</td>
</tr>
<tr>
<td>7:48</td>
<td>Differences in Stroke Care Among Patients in the REGARDS Study by Admission to a Hospital Participating vs Not Participating in GWTG-Stroke 5 George Howard, Univ of Alabama at Birmingham, Birmingham, AL Karen Albright, Univ of Alabama at Birmingham, Birmingham, AL</td>
</tr>
<tr>
<td>8:00</td>
<td>Frequency, Risk Factors, Causes, and Outcomes of Early Neurological Deterioration in Hyperacute Cerebral Ischemia 6 Christa D Brown, John A Burns Sch of Med, Honolulu, HI On behalf of the FAST-MAG Trial Coordinators and Investigators</td>
</tr>
<tr>
<td>8:12</td>
<td>Outcome Prediction in Acute Stroke Patients by Continuous Glucose Monitoring: Continuous Glucose Monitoring for Acute Stroke Patients Receiving Latest Treatment (COMPLEAT) Study 7 Shinichi Wada, Natt Cerebral and Cardiovascular Ctr, Osaka, Japan Kazunori Toyoda, Natt Cerebral and Cardiovascular Ctr, Osaka, Japan</td>
</tr>
<tr>
<td>8:24</td>
<td>Discussion</td>
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**Short Break (8:30 am – 8:45 am)**
# WEDNESDAY, JANUARY 24 (7:00 am – 8:30 am)

<table>
<thead>
<tr>
<th>Category</th>
<th>Acute Neuroimaging</th>
<th>Intracerebral Hemorrhage</th>
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<tbody>
<tr>
<td>Session Title</td>
<td>Role of Neuroimaging in Stroke Prevention, Treatment and Recovery</td>
<td>Tough Decisions in ICH</td>
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<td>Session Type</td>
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<tr>
<td>Room</td>
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<td>Room 152</td>
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| Moderator(s) | Steven Warach, MD, PhD, Austin, TX  
David S Liebeskind, MD, Los Angeles, CA  
Magdy Selim, MD, PhD, FAHA, Boston, MA  
Laura C Goia, MD, MSc, FRCP, Montreal, QC, Canada | Thorsten G Steiner, MD, PhD, Heidelberg, Germany |
| 7:00 | MRI Guided Treatment of Patients with Resolved or Minimal Symptoms  
Richard Leigh, MD, Bethesda, MD | Reversal of Coagulopathy: When, What, Who and Why?  
Thorsten G Steiner, MD, PhD, Heidelberg, Germany |
| 7:19 | MRI of the Vessel Wall in Acute Stroke Patients  
Tanya Turan, MD, MSCR, Charleston, SC | Stroke Prevention in Intracerebral Hemorrhage Survivors with Atrial Fibrillation  
Ashkan Shoamanesh, MD, Hamilton, ON, Canada |
| 7:38 | MRI: The Window to Treatment for Patients with Unwitnessed Onset  
Amie Hsia, MD, Washington, DC | The Use of Statins in Patients with ICH  
Guido Falcone, MD, ScD, MPH, New Haven, CT |
| 7:57 | Emerging Applications of MRI in Stroke Treatment  
Jochen Fiebach, Prof Dr Med, Berlin, Germany | Anti-edema Therapy in ICH: Why, When and What?  
Joao A Gomes, MD, Cleveland, OH |
| 8:16 | Discussion | Discussion |

# Category: Pediatric Stroke

<table>
<thead>
<tr>
<th>Session Title</th>
<th>Pediatric Stroke Oral Abstracts</th>
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<tr>
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<tr>
<td>Room</td>
<td>Room 502 A</td>
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</tbody>
</table>
| Moderator(s) | Jennifer L Armstrong, MD, MPH, Aurora, CO  
Nancy K Hills, PhD, MBA, San Francisco, CA |
| 7:00 | Mortality After Pediatric Arterial Ischemic Stroke: Results From the International Paediatric Stroke Study 15  
Lauren A Beslow, Children’s Hosp of Philadelphia, Philadelphia, PA  
Gabrielle deVeber, The Hosp for Sick Children, Toronto, ON, Canada |
| 7:12 | Oligodendrocytes Provide Trophic Support to Vasculature Following Ischemic Stroke in Neonatal Mice 16  
Paco S Herson, Univ of Colorado Denver, Aurora, CO |
| 7:24 | Stroke Alerts in Hospitalized Children 17  
Megan M Barry, Vanderbilt Univ, Nashville, TN  
Lori C Jordan, Vanderbilt Univ, Nashville, TN |
| 7:36 | Anticonvulsant Medication Practice Varies After Pediatric Arterial Ischemic Stroke 18  
Kristin P Guillaume, Washington Univ Sch of Med, Saint Louis, MO  
Christine K Fox, Univ of California at San Francisco, San Francisco, CA |
| 7:48 | Clinical and Neuroimaging Profile of Children with Arterial Ischemic Stroke Due to Cerebral Arteriopathy – Results From the International Pediatric Stroke Study (IPSS) 19  
Mubeen F Rafay, Children’s Hosp Winnipeg, Winnipeg, MB, Canada  
Timothy Bernard, Univ of Colorado Sch of Med, Denver, CO |
| 8:00 | Prevalence of Atherosclerotic Risk Factors Among Young Patients With Arterial Ischemic Stroke 20  
Sharon N Poisson, Univ of Colorado Denver, Aurora, CO  
Healther J Fullerton, Univ of California San Francisco, San Francisco, CA |
| 8:12 | Practice and Preparedness for Endovascular Therapy in Acute Pediatric Stroke 197  
Jenny L Wilson, Oregon Health and Science Univ, Portland, OR;  
Paola Pergami, Children’s Natl Medical Ctr, Washington, DC |
<p>| 8:24 | Discussion |</p>
<table>
<thead>
<tr>
<th>Category</th>
<th>Clinical Rehabilitation and Recovery</th>
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<td>Clinical Rehabilitation and Recovery Oral Abstracts I</td>
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<td>Room</td>
<td>Room 502 A</td>
<td>Room 502 B</td>
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<tr>
<td>Moderator(s)</td>
<td>Michael W O’Dell, MD, New York, NY</td>
<td>Kelly Drew, PhD, Fairbanks, AK</td>
</tr>
</tbody>
</table>

**Wednesday, January 24 (8:45 am – 10:15 am)**

### Session Title: Impact of Diabetes on Stroke: From Bench to Bedside

#### 8:45

- **Epidemiology of Diabetic Stroke**
  - **Moderator(s):** Xiaoying Wang, MD, PhD, Charlestown, MA
  - **Room:** Room 151

#### 9:04

- **Considering Hyperglycemia in Acute Ischemic Stroke**
  - **Moderator(s):** Xiaoying Wang, MD, PhD, Charlestown, MA
  - **Room:** Room 151

#### 9:23

- **Mechanisms of Increased Post-stroke Brain Injury in Diabetes**
  - **Moderator(s):** Xiaoying Wang, MD, PhD, Charlestown, MA
  - **Room:** Room 151

#### 9:42

- **The Role of Vascular Injury on Outcome following Diabetic Ischemic Stroke**
  - **Moderator(s):** Xiaoying Wang, MD, PhD, Charlestown, MA
  - **Room:** Room 151

**Discussion (10:05)**

### 10:01

**Discussion**

### Short Break (10:15 am – 10:30 am)

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**24**
# WEDNESDAY, JANUARY 24 (8:45 am – 10:15 am)

<table>
<thead>
<tr>
<th>Category</th>
<th>Community/Risk Factors</th>
<th>Nursing</th>
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<tbody>
<tr>
<td><strong>Session Title</strong></td>
<td>Tackling Stroke in Low and Middle Income Countries: Placing Proof in Pragmatism; a WHO-Lancet Commission on Stroke in Low and Middle Income Countries (an AHA/ASA and World Health Organization Joint Symposium)</td>
<td>Understanding Disordered Sleep and Stroke</td>
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<td>Invited Symposium</td>
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<td><strong>Room</strong></td>
<td>Room 152</td>
<td>Room 408</td>
</tr>
<tr>
<td><strong>Moderator(s)</strong></td>
<td>Mayowa Owolabi, MBBS, MSc, DrHM, MWAACP, FCIP, FCIP, FAAN, Ibadan, Nigeria</td>
<td>Janice L. Hinkle, RN, PhD, CNRN, FAHA, Washington, DC</td>
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<td>Vladimir Hachinski, CN, MD, FNP-PC, DSC, London, ON, Canada</td>
<td>Norma McNair, RN, PhD, ACNS-BC, FAHA, Los Angeles, CA</td>
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<tr>
<td><strong>8:45</strong></td>
<td>The Global Burden of Stroke: Real Data, Model-based Estimates, and Data Gaps</td>
<td>Relationships of Disordered Sleep to Primary and Secondary Stroke</td>
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<td>Amanda Thrift, BSc(Hons), PhD, PGDipBiostat, Melbourne, Australia</td>
<td>Srikanth Rangaraju, MBBS, MSc, Atlanta, GA</td>
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<td>Srikant Rangaraju, MBBS, Msc, Atlanta, GA</td>
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<tr>
<td><strong>9:04</strong></td>
<td>Primary and Secondary Stroke Prevention: Best Buys for Total Population Impact</td>
<td>Disordered Sleep in Acute and Chronic Phase of Stroke</td>
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<td>M Patricia Lindsay, BScN, PhD, Etobicooke, ON, Canada</td>
<td>Smi Choi Kwon, RN, PhD, RN, Seoul, Korea, Republic of</td>
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<td></td>
<td>PSN and Disordered Sleep: Does Treatment of PSN After Disordered Sleep in Chronic Phase?</td>
<td>Pamela Mitchell, RN, PhD, FAHA, FAAN, Seattle, WA</td>
</tr>
<tr>
<td><strong>9:23</strong></td>
<td>Improving Hyperacute and Acute Care in Low Resource Settings: Innovations and Adaptations</td>
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<td>Sheila Martins, MD, PhD, Porto Alegre, Brazil</td>
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<tr>
<td><strong>9:42</strong></td>
<td>Stroke Recovery and Rehabilitation: Improving the Quality of Life of Stroke Survivors in Low and Middle Income Countries</td>
<td>Interaction of Stroke Survivor Disordered Sleep and Family Caregiver Sleep</td>
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<td>Foad Abd Allah, MD, Cairo, Egypt</td>
<td>Barbara J Lutz, RN, PhD, Hampstead, NC</td>
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<tr>
<td><strong>10:01</strong></td>
<td>Discussion</td>
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<tr>
<th>Category</th>
<th>SAH and Other Neurocritical Management Oral Abstracts</th>
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<tr>
<td><strong>Session Type</strong></td>
<td>SAH and Other Neurocritical Management</td>
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<tr>
<td><strong>Room</strong></td>
<td>Room 515 B</td>
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<tr>
<td><strong>Moderator(s)</strong></td>
<td>Michael Levitt, MD, Seattle, WA</td>
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<tr>
<td><strong>8:45</strong></td>
<td>Hyperexcitability and Seizures in Primary Intraventricular Hemorrhage</td>
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<td></td>
<td>Christoph Stretz, Yale Sch of Med, New Haven, CT</td>
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<td>Emily J Gilmore, Yale Sch of Med, New Haven, CT</td>
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<tr>
<td><strong>8:57</strong></td>
<td>Secular Increases in Spontaneous Subarachnoid Hemorrhage</td>
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<td>Kautubh Limaye, Univ of Iowa, Iowa City, IA</td>
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<td>Enrique Leira, Univ of Iowa, Iowa City, IA</td>
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<td><strong>9:09</strong></td>
<td>The Efficacy and Safety of Cilostazol in Subarachnoid Hemorrhage A Meta-analysis of Randomized and Non Randomized Studies</td>
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<td>Muhammad F Ishtaq, Univ of Tennessee Health Sciences Ctr, Memphis, TN</td>
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<td>Adnan I Qureshi, Zeenat Qureshi Stroke Inst, Minneapolis, MN</td>
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<td><strong>9:21</strong></td>
<td>Soluble ST2 Predicts Delayed Cerebral Ischemia and Outcome After Subarachnoid Hemorrhage</td>
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<td>Zoe Wolcott, Massachusetts General Hosp, Boston, MA</td>
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<td>W Taylor Kimberly, Massachusetts General Hosp, Boston, MA</td>
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<td><strong>9:33</strong></td>
<td>Time to Detect Seizures Among Hemorrhagic and Ischemic Stroke Patients</td>
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<td>Undergoing Continuous EEG (cEEG) Monitoring</td>
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<td>Ifrah Zawar, Cleveland Clinic Fdn, Cleveland, OH</td>
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<td>Stephen Hanlau, Cleveland Clinic Fdn, Cleveland, OH</td>
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<tr>
<td><strong>9:45</strong></td>
<td>Biocompatible, Aminocaproic Acid Stabilized Ceria Nanoparticles Rescue the Injured Brain After Subarachnoid Hemorrhage</td>
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<td>Han-Gil Jeong, Seoul National University Hospital, Seoul, Korea, Republic of</td>
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<td>Seung-Hoon Lee, Seoul National University Hospital, Seoul, Korea, Republic of</td>
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<tr>
<td><strong>9:57</strong></td>
<td>Systematic Review Identified Some Early Phase Promising Therapeutics for Subarachnoid Hemorrhage</td>
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<td>Pitchaiah Mandava, Michael E DeBakey, VA Med Ctr &amp; Baylor Coll of Med, Houston, TX</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 ISC 2018 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 ISC 2018 Mobile Meeting Guide app, or the ISC abstracts online in the *Stroke* journal.

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

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**Short Break (10:15 am – 10:30 am)**
### Invited Symposium

<table>
<thead>
<tr>
<th>Session Title</th>
<th>Opening Main Event</th>
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<tbody>
<tr>
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<tr>
<td><strong>Room</strong></td>
<td>Hall K</td>
</tr>
</tbody>
</table>
| **Moderator(s)** | Bruce Ovbiagele, MD, MSc, MAS, FAHA, Charleston, SC  
Miguel A Perez-Pinzon, PhD, FAHA, Miami, FL |

#### 10:30
- **AHA Presidential Address**  
  John J Warner, MD, MBA, Dallas, TX

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

- **Introduction of the Thomas Willis Lecture**  
  Bruce Ovbiagele, MD, MSc, MAS, FAHA, Charleston, SC

- **Thomas Willis Lecture: Mechanistic Research to Identify Novel Targets for Stroke Therapy: The Dawn of a New Era of Integrative Approaches**  
  Jun Chen, MD, Pittsburgh, PA

#### 11:20
- **Results of the DEFUSE 3 Study**  
  LB1  
  Gregory W Albers, Stanford Univ Medical Ctr, Stanford, CA  
  On behalf of the DEFUSE 3 Investigators

#### 11:32
- **Tenecteplase Versus Alteplase Before Endovascular Thrombectomy (EXTEND-IA TNK): A Multicenter, Randomized, Controlled Trial**  
  LB2  
  Bruce C Campbell, Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia  
  On behalf of the EXTEND-IA TNK Investigators

#### 11:44
- **Magnitude of Benefit of Endovascular Thrombectomy 6-24 Hours After Onset in Acute Ischemic Stroke Patients with Clinical-Core Mismatch**  
  LB3  
  Jeffrey L Saver, Geffen Sch of Med at UCLA, Los Angeles, CA  
  On behalf of the DAWN Trial Investigators

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

### Short Break (12 Noon – 12:10 PM)

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

**Fellow and Early Career/Stroke Leader Round Table Luncheon**  
Room 403 B  
(Ticket required; seating is limited.)

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

#### 12:10
- **Pursuing My Career Aspirations in Acute Stroke**  
  James C Grotta, MD, Houston, TX

#### 12:20
- **Work/Life Balance**  
  Karen C Johnston, MD, FAHA, Charlottesville, VA

#### 12:30
- **InterSECT**  
  Mitchell S Elkind, MD, New York, NY

### 12:40 pm – 1:30 pm

**Roundtable Discussions**

- **Acute Stroke Care/Stroke Centers**  
  Sheryl B Martin Schild, MD, PhD, Metairie, LA

- **Brain Hemorrhage**  
  Daniel Woo, MD, Cincinnati, OH

- **Health Services Research**  
  Michael T Mullen, MD, Philadelphia, PA

- **Health Services Research**  
  Devin Brown, MD, Ann Arbor, MI

- **Neurocritical Care**  
  Kevin N Sheth, MD, New Haven, CT

- **Neurocritical Care**  
  Gene Y Sung, MD, Los Angeles, CA

- **Neurohospitalist/Quality Care**  
  Rishi Gupta, MD, Marietta, GA

- **NeuroIntervention**  
  Robin Novakovic, MD, Dallas, TX

- **NeuroIntervention**  
  Sunil Sheth, MD, Houston, TX

- **NeuroIntervention**  
  Albert Yoo, MD, PhD, Dallas, TX

- **NIH**  
  Francesca Bosetti, PharmD, PhD, Bethesda, MD

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

- **Stroke Prevention**  
  Anjail Z Sharrief, MPH, Houston, TX

- **Stroke Rehabilitation and Recovery**  
  Alexander Dromerick, MD, Washington, DC
Stroke Rehabilitation and Recovery
Lorie Richards, PhD, OTR/L, Salt Lake City, UT

Telemedicine
Tzu-ching Wu, MD, Houston, TX

Vascular Cognitive Impairment
Rebecca F Gottesman, MD, Baltimore, MD

We would like to thank Dr. Sean Savitz for his time and effort in planning this Early Career Luncheon.

Advance Practice Providers’ Luncheon
Room 501
(Ticket required; seating is limited.)

The APP as Change Master
Michelle Whaley, MSN, CNS

APP Roles in Secondary Prevention
Ayeshia Wright, NP

Stroke Center Interfacility Throughput
Fern Cudlip, MSN, RN, ANVP-BC, NVRN-BC

The 10 Most Frequent Non-compliance Issues in Stroke Certification
Dana Reiner-Beenstock, MSN, RN, ANVP-BC, NVRN-BC

Reimbursement Opportunities for APP-led Stroke Clinics
Debbie Hill, BS

The APP-led Mobile Stroke Unit
Wendy Dusenbury, DNP, APRN, FNP-BC, CNRN, ANVP-BC & Skye Coote, BN

APP Roles in Neurocritical Care
Sarah Livesay, DNP, RN

Post-acute Stroke Care / COMPASS Program
Christina Condon, MSN, NP-C & Sarah Lycan, NP

Building Research / Publication Interdisciplinary Scholarship
Anne Alexandrov, PhD, RN, CCRN, NVRN-BC, ANVP-BC, AGACNP-BC, FAAN

APP Post-graduate Stroke Education and Training
Sharon Biby, NP

International APP Issues
Sandy Middleton, PhD

Shifting Role Focus: Inpatient to Outpatient; Vascular Neurology to Neurosurgery
Natalie Hall, MSN, RN, NP-C

Stoke Unit-based APP Practice

APP Leadership Roles with Resident Physicians
Betsy Wise, APRN, FNP-BC

The APP as Stroke Program Quality Leader
Alisa Richardson, RN

We would like to thank Krista Jordan, Anne W Alexandrov, Christina Condon and Sarah Lycan for their time and effort in planning this Advance Practice Providers’ Luncheon.
### Acute Nonendovascular Treatment

**Wednesday, January 24 (1:30 pm – 2:30 pm)**

**Category:** Acute Ischemic Stroke Guidelines  
**Session Title:** Remote Ischemic Conditioning: Triggering an Ischemia Tolerant State  
**Session Type:** Invited Symposium  
**Room:** Hall K  
**Moderator(s):**  
William J Powers, MD, FAHA, Chapel Hill, NC  
Alejandro A Rabinstein, MD, Rochester, MN  
David Hess, MD, Augusta, GA  
William Meurer, MD, MS, Ann Arbor, MI

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Grethe Andersen, MD, Aarhus, Denmark  |
| 1:42  | RIC in Acute Ischemic Stroke  
Opeolu Adeoye, MD, Cincinnati, OH  |
| 1:54  | RIC in Subarachnoid Hemorrhage  
Nestor R Gonzalez, MD, MSCR, Los Angeles, CA  |
| 2:06  | RIC in Intracranial Atherosclerosis  
Marc I Chimowitz, MD, FAHA, Charleston, SC  |

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### Clinical Rehabilitation and Recovery

**Wednesday, January 24 (1:30 pm – 2:30 pm)**

**Category:** Clinical Rehabilitation and Recovery  
**Session Title:** Clinical Rehabilitation and Recovery Oral Abstracts II  
**Session Type:** Abstract  
**Room:** Room 408  
**Moderator(s):**  
Jean-Pyo Lee, PhD, New Orleans, LA  
George Wittenberg, MD, PhD, Baltimore, MD  
Nina T Gentile, MD, Philadelphia, PA

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Steven Warach, Univ of Texas, Dell Medical Sch, Austin, TX  
Shilpa Shamapant, Austin Speech Labs, Austin, TX  |
| 1:42  | Rehabilitation Evaluation at 12 Hours Post-IVT  
Kiersten Espallat, Vanderbilt Univ Medical Ctr, Nashville, TN  
Julia Jones, Vanderbilt Univ Medical Ctr, Nashville, TN  |
| 1:54  | Plasma MicroRNA Markers of Upper Limb Recovery Following Human Stroke Associated With Neural Repair Mechanisms  
Matthew A Edwardson, Georgetown Univ, Washington, DC  
Alexander Dromerick, Georgetown Univ, Washington, DC  |
| 2:06  | A Stroke Self-Management Program to Enhance Self-Efficacy and Outcome Expectation: A Randomized Controlled Trial  
Suzanne Hoi Lo, The Chinese Univ of Hong Kong, Hong Kong  
Janda Pak Chau, The Chinese Univ of Hong Kong, Hong Kong  |

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### Emergency Care Systems

**Wednesday, January 24 (1:30 pm – 2:30 pm)**

**Category:** Emergency Care Systems  
**Session Title:** Emergency Care/Systems Oral Abstracts I  
**Session Type:** Abstract  
**Room:** Room 515 B  
**Moderator(s):**  
Six of One, Half a Dozen of the Other: Single-Center Retrospective Comparison of Prehospital Large Vessel Occlusion Tools  
David Ermak, Penn State Health, Hershey, PA  
Kevin Cockroft, Penn State Health, Hershey, PA

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| 1:30  | Impact of EMS Field-Telestroke With Hand-held Ipads on IV-tpa Therapy for Stroke  
John Andreasky, Univ Hosp Parma Medical Ctr, Parma, OH  
Cathy Sila, Univ Hosp Parma Medical Ctr, Cleveland, OH  |
| 1:42  | Which Patients With Acute Ischemic Stroke Benefit From the Lower Dosage of Intravenous Tissue Plasminogen Activator? A Cluster Data Analysis  
Yi Dong, Huashan Hosp, Shanghai, China  
Qiang Dong, Huashan Hosp, Shanghai, China  |
| 1:54  | Diagnostic Accuracy of Telestroke Consultation  
Robin D Ulep, Univ of Virginia, Charlottesville, VA  
Richard M Zweifler, Ochsner Neuroscience Inst, New Orleans, LA  |

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WEDNESDAY, JANUARY 24 (1:30 pm – 2:30 pm)

**Category:** Acute Ischemic Stroke Guidelines  
**Session Title:** Remote Ischemic Conditioning: Triggering an Ischemia Tolerant State  
**Session Type:** Invited Symposium  
**Room:** Hall K  
**Moderator(s):**  
William J Powers, MD, FAHA, Chapel Hill, NC  
Alejandro A Rabinstein, MD, Rochester, MN  
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### Clinical Rehabilitation and Recovery

**Wednesday, January 24 (1:30 pm – 2:30 pm)**

**Category:** Clinical Rehabilitation and Recovery  
**Session Title:** Clinical Rehabilitation and Recovery Oral Abstracts II  
**Session Type:** Abstract  
**Room:** Room 408  
**Moderator(s):**  
Jean-Pyo Lee, PhD, New Orleans, LA  
George Wittenberg, MD, PhD, Baltimore, MD  
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### Emergency Care Systems

**Wednesday, January 24 (1:30 pm – 2:30 pm)**

**Category:** Emergency Care Systems  
**Session Title:** Emergency Care/Systems Oral Abstracts I  
**Session Type:** Abstract  
**Room:** Room 515 B  
**Moderator(s):**  
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David Ermak, Penn State Health, Hershey, PA  
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<tr>
<td>Session Title</td>
<td>The Neurovascular Unit Coming of Age</td>
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<tr>
<td>Session Type</td>
<td>Invited Symposium</td>
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<tr>
<td>Room</td>
<td>Room 152</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>MingMing Ning, MD, Boston, MA, Francesca Bosetti, MD, Bethesda, MD, Peter Kan, MD, Houston, TX, Joshua William Osbun, MD, St Louis, MD</td>
</tr>
<tr>
<td>1:30</td>
<td>Elucidating the Pathophysiology of the NVU with Optical Imaging in the Live Mammalian Brain</td>
</tr>
<tr>
<td>Jaime Grutzendler, MD, New Haven, CT</td>
<td>B Gregory Thompson, MD, Ann Arbor, MI</td>
</tr>
<tr>
<td>1:42</td>
<td>The “New” NVU Can Also Be Leveraged for Recovery</td>
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<tr>
<td>S Thomas Carmichael, MD, PhD, Los Angeles, CA</td>
<td>Michael Levitt, MD, Seattle, WA</td>
</tr>
<tr>
<td>1:54</td>
<td>Brain Endothelial Cell Exosomes Promote Neurovascular Remodeling after Stroke</td>
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<tr>
<td>Jieli Chen, MD, Detroit, MI</td>
<td>Venkatakrishna Rajajee, MD, Ann Arbor, MI</td>
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<tr>
<td>2:06</td>
<td>Clinical Implications of the Neurovascular Unit: From Neurovascular Diseases to Neurodegeneration</td>
</tr>
<tr>
<td>Costantino Iadecola, MD, FAHA, New York, NY</td>
<td>Nima Etminan, MD, Mannheim, Germany</td>
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<tbody>
<tr>
<td>Session Title</td>
<td>Intracerebral Hemorrhage Oral Abstracts I</td>
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<td>Session Type</td>
<td>Abstract</td>
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<tr>
<td>Room</td>
<td>Room 502 B</td>
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<tr>
<td>Moderator(s)</td>
<td>Edip M Gurol, MD, Boston, MA</td>
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<tr>
<td>1:30</td>
<td>Restarting Therapeutic Anticoagulation in Patients With Intracerebral Hemorrhage and Mechanical Heart Valves</td>
</tr>
<tr>
<td>Joji B Kuramatsu, Univ of Erlangen, Erlangen, Germany</td>
<td>Hagen B Huttner, Univ of Erlangen, Erlangen, Germany</td>
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<td>1:42</td>
<td>Organ- and Cell-Specific Immune Responses Are Associated With the Outcomes of Intracerebral Hemorrhage</td>
</tr>
<tr>
<td>Kaibin Shi, Barrow Neurological Inst, Phoenix, AZ</td>
<td>Fu-Dong Shi, Barrow Neurological Inst, Phoenix, AZ</td>
</tr>
<tr>
<td>1:54</td>
<td>Global Cerebral Edema in Patients With Primary Intracerebral Hemorrhage: Results From Brain Edema at Cerebral Hemorrhage (BEACH) Study</td>
</tr>
<tr>
<td>Shahram Majidi, Natl Insts of Health, Bethesda, MD</td>
<td>Adrian J Qureshi, Rockford Health System, Rockford, IL</td>
</tr>
<tr>
<td>2:06</td>
<td>Comparison of Genetic Ancestry versus Self-Identified Race and Ethnicity as Risk Factor for Intracerebral Hemorrhage</td>
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<td>Sandra Marini, Massachusetts General Hosp, Boston, MA</td>
<td>On behalf of the ERICH Investigators</td>
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<tr>
<td>2:18</td>
<td>Discussion</td>
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</tbody>
</table>

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The Oral Abstracts list the Presenting Author (first) and the Senior Author (last) of the abstract. For the complete Author Block of an abstract (including the Conflict of Interest information), please check the online Program/Itinerary Planner on the ISC Web site at strokeconference.org, the ISC 2018 Mobile Meeting Guide app, or the ISC abstracts online in the Stroke journal.

The number listed immediately after the abstract’s title is the abstract’s presentation number.
### WEDNESDAY, JANUARY 24 (3:00 pm – 4:00 pm)

<table>
<thead>
<tr>
<th>Category</th>
<th>Community/Risk Factors</th>
</tr>
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<tbody>
<tr>
<td>Session Title</td>
<td>CED Talks (Cerebrovascular Education and Discovery)</td>
</tr>
<tr>
<td>Session Type</td>
<td>Invited Symposium</td>
</tr>
<tr>
<td>Room</td>
<td>Room 151</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Bruce Ovbiagele, MD, MSc, MAS, MBA, FAHA, Charleston, SC Miguel A Perez-Pinzon, PhD, FAHA, Miami, FL S Thomas Carmichael, MD, PhD, Los Angeles, CA Timothy J Bernard, MD, Aurora, CO Ralph L Sacco, MD, Miami, FL</td>
</tr>
<tr>
<td>3:00</td>
<td>Neonatal Stroke: Little Brains, Big Consequences</td>
</tr>
<tr>
<td></td>
<td>Donna M Ferriero, MD, MS, San Francisco, CA</td>
</tr>
<tr>
<td></td>
<td>Uncovering the Mechanisms of White Matter Repair after Stroke</td>
</tr>
<tr>
<td></td>
<td>Miguel A Marin, PhD, Los Angeles, CA</td>
</tr>
<tr>
<td>3:05</td>
<td>Free Fallin’—Can the Megadrop in Stroke Mortality Continue?</td>
</tr>
<tr>
<td></td>
<td>Thomas G Brott, MD, Jacksonville, FL</td>
</tr>
<tr>
<td>3:15</td>
<td>Blood Pressure in Acute Stroke: To Treat or Not to Treat – That Is Still the Question</td>
</tr>
<tr>
<td></td>
<td>Philip Bath, FRCP, DSc, Nottingham, United Kingdom</td>
</tr>
<tr>
<td>3:30</td>
<td>Small Vessel Disease – A Major Health Challenge and Opportunity</td>
</tr>
<tr>
<td></td>
<td>A M Hakim, MD, PhD, FAHA, Ottawa, ON, Canada</td>
</tr>
</tbody>
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### Category | Acute Neuroimaging | Basic and Preclinical Neuroscience of Stroke Recovery

<table>
<thead>
<tr>
<th>Session Title</th>
<th>Acute Neuroimaging Oral Abstracts I</th>
<th>Basic and Preclinical Neuroscience of Stroke Recovery Oral Abstracts I</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session Type</td>
<td>Abstract</td>
<td>Abstract</td>
</tr>
<tr>
<td>Room</td>
<td>Room 152</td>
<td>Room 502 B</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Oh Young Bang, MD, Seoul, Korea, Republic of</td>
<td>Xiaoming Hu, MD, Sewickley, PA</td>
</tr>
<tr>
<td>3:00</td>
<td>Combined Vessel Wall and Perforator Imaging for Prediction of Stroke Subtype 54</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fang Wu, Xuanwu Hosp, Capital Medical Univ, Beijing, China</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Zhaoyang Fan, Biomedical Imaging Res Inst, Los Angeles, CA</td>
<td></td>
</tr>
<tr>
<td>3:12</td>
<td>The Probability of Ischemic Stroke Endovascular Targets: Extended Treatment Window for Women 55</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Adrienne N Dula, Dell Medical Sch at the Univ of Texas Austin, Austin, TX</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Steven J Warach, Dell Medical Sch at the Univ of Texas Austin, Austin, TX</td>
<td></td>
</tr>
<tr>
<td>3:24</td>
<td>Frequency, Determinants, and Outcomes of Distal Emboli Related to Mechanical Thrombectomy for Acute Ischemic Stroke 56</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Gregory J Wong, Washington Univ Sch of Med, St Louis, MO</td>
<td></td>
</tr>
<tr>
<td></td>
<td>On behalf of the UCLA Thrombectomy Investigators</td>
<td></td>
</tr>
<tr>
<td>3:36</td>
<td>Arterial Dissection as a Cause of Intracranial Stenosis in East Asians: A High-resolution Magnetic Resonance Imaging Study of 558 Patients 57</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Moo-seok Park, Samsung Medical Ctr, Seoul, Korea, Republic of</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Oh Young Bang, Samsung Medical Ctr, Seoul, Korea, Republic of</td>
<td></td>
</tr>
<tr>
<td>3:48</td>
<td>Discussion</td>
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Short Break (4:00 pm – 4:15 pm)
### Category: Health Services, Quality Improvement, and Patient-centered Outcomes
#### Session Title: Improving the Efficiency of Clinical Trial Design

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Details</th>
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</thead>
<tbody>
<tr>
<td>3:00</td>
<td>Cluster Randomised Control Trials</td>
</tr>
<tr>
<td></td>
<td>Sandy Middleton, PhD, Sydney, Australia</td>
</tr>
<tr>
<td>3:15</td>
<td>Utility-weighted Disability Outcome</td>
</tr>
<tr>
<td></td>
<td>Jeff Saver, MD, Los Angeles, CA</td>
</tr>
<tr>
<td>3:30</td>
<td>Register-based RCTs: The Swedish Experience</td>
</tr>
<tr>
<td></td>
<td>Bo Norrvig, MD, Lund, Sweden</td>
</tr>
<tr>
<td>3:45</td>
<td>Register-based RCTs: The US Experience</td>
</tr>
<tr>
<td></td>
<td>Ying Xian, MD, PhD, Durham, NC</td>
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</tbody>
</table>

#### Room: Room 408

<table>
<thead>
<tr>
<th>Moderator(s)</th>
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</thead>
<tbody>
<tr>
<td>Craig S Anderson, MD, PhD, University of New South Wales, Sydney, Australia</td>
</tr>
<tr>
<td>Michael Hill, MD, MSc, FRCP, Calgary, AB, Canada</td>
</tr>
<tr>
<td>Natalia S Rost, MD, Boston, MA</td>
</tr>
<tr>
<td>Tatjana Rundek, MD, Miami, FL</td>
</tr>
<tr>
<td>Nalin S Rost, MD, Boston, MA</td>
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</table>

### Category: Diagnosis of Stroke Etiology
#### Session Title: Recent Genetic Conditions in Stroke

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Details</th>
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</thead>
<tbody>
<tr>
<td>3:00</td>
<td>Monogenic Disorders Related to Stroke in the Young</td>
</tr>
<tr>
<td></td>
<td>Jukka Putaala, MD, PhD, MSc, A/Prof, Helsinki, Finland</td>
</tr>
<tr>
<td>3:15</td>
<td>Genetics of Functional Outcome after Stroke</td>
</tr>
<tr>
<td></td>
<td>Arne Lindgren, MD, Lund, Sweden</td>
</tr>
<tr>
<td>3:30</td>
<td>Pharmagenomics and Stroke</td>
</tr>
<tr>
<td></td>
<td>Guillaume Paré, MD, Hamilton, ON, Canada</td>
</tr>
</tbody>
</table>

#### Room: Room 515 A

<table>
<thead>
<tr>
<th>Moderator(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michael Hill, MD, MSc, FRCPC, Calgary, AB, Canada</td>
</tr>
<tr>
<td>Natalia S Rost, MD, Boston, MA</td>
</tr>
<tr>
<td>Tatjana Rundek, MD, Miami, FL</td>
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</table>

### Category: Cerebral Large Artery Disease
#### Session Title: Cerebral Large Artery Disease Oral Abstracts I

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Details</th>
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<tbody>
<tr>
<td>3:00</td>
<td>Evaluating Collateral Flow Territory Stability as a Novel Biomarker of Recurrent</td>
</tr>
<tr>
<td></td>
<td>Stroke in Patients With Symptomatic Intracranial Stenosis</td>
</tr>
<tr>
<td></td>
<td>62</td>
</tr>
<tr>
<td></td>
<td>Daniel Arteaga, Univ of Virginia, Charlottesville, VA</td>
</tr>
<tr>
<td></td>
<td>Manus Donahue, Vanderbilt Univ, Nashville, TN</td>
</tr>
<tr>
<td>3:12</td>
<td>Collaterals in Thrombectomy for MCA Occlusion: Mapping the Collaterome in the</td>
</tr>
<tr>
<td></td>
<td>Trevo Retriever Registry</td>
</tr>
<tr>
<td></td>
<td>63</td>
</tr>
<tr>
<td></td>
<td>David S Liebeskind, Neurovascular Imaging Res Core, Los Angeles, CA</td>
</tr>
<tr>
<td></td>
<td>On behalf of the Trevo Retriever Registry Investigators</td>
</tr>
<tr>
<td>3:24</td>
<td>China Angioplasty and Stenting for Symptomatic Intracranial Severe</td>
</tr>
<tr>
<td></td>
<td>Stenosis (CASSISS): A Prospective, Multicenter, Randomized Controlled Trial After</td>
</tr>
<tr>
<td></td>
<td>SAMMPRIS 64</td>
</tr>
<tr>
<td></td>
<td>Peng Gao, Capital Medical Univ, Beijing, China</td>
</tr>
<tr>
<td></td>
<td>Weiwen He, Guangzhou Medical Coll, Guangzhou, China</td>
</tr>
<tr>
<td>3:36</td>
<td>Magnetic Resonance Plaque Imaging Before Carotid Artery Stenting (MR-CAS) Study:</td>
</tr>
<tr>
<td></td>
<td>Initial Results 65</td>
</tr>
<tr>
<td></td>
<td>Kiyofumi Yamada, Hyogo Coll of Med, Nishinomiya, Japan</td>
</tr>
<tr>
<td></td>
<td>Shinichi Yoshimura, Hyogo Coll of Med, Nishinomiya, Japan</td>
</tr>
<tr>
<td>3:48</td>
<td>Discussion</td>
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#### Room: Room 515 B

<table>
<thead>
<tr>
<th>Moderator(s)</th>
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<tbody>
<tr>
<td>Randolph S Marshall, MD, New York, NY</td>
</tr>
<tr>
<td>Andrei V Alexandrov, MD, Memphis, TN</td>
</tr>
</tbody>
</table>

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

--- 31 ---
**WEDNESDAY, JANUARY 24 (4:15 pm – 5:15 pm)**

<table>
<thead>
<tr>
<th>Category</th>
<th>Clinical Rehabilitation and Recovery</th>
<th>Basic and Preclinical Neuroscience of Stroke Recovery</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session Title</td>
<td>Physical Activity and the Brain: Maximising Recovery and Function Post-stroke</td>
<td>Targeting Astrocytes for Stroke Therapy</td>
</tr>
<tr>
<td>Session Type</td>
<td>Invited Symposium</td>
<td>Invited Symposium</td>
</tr>
<tr>
<td>Room</td>
<td>Room 408</td>
<td>Room 515 A</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Virginia J Howard, MSPH, PhD, Birmingham, AL Janet Prvu Bettger, ScD, Durham, NC Amutha Selvamani, PhD, College Station, TX Raghu Vemuganti, PhD, Madison, WI</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dave Saunders, PhD, Edinburgh, United Kingdom</td>
<td>Creed Stary, MD, PhD, Stanford, CA</td>
</tr>
<tr>
<td>4:27</td>
<td>Exercise to Promote Neuroplasticity following Stroke</td>
<td>(4:30) rAAV Mediated IGF-1 Gene Transfer in Aging Astrocytes Improves Stroke Outcomes</td>
</tr>
<tr>
<td></td>
<td>Michelle N McDonnell, PhD, B App Sci (Physio) Hons, Adelaide, Australia</td>
<td>Farida Sohrabji, PhD, Bryan, TX</td>
</tr>
<tr>
<td>4:39</td>
<td>Robotics and Innovations in Rehabilitation</td>
<td>(4:45) Targeting Aquaporin-4 in Astrocytes to Reduce Edema</td>
</tr>
<tr>
<td></td>
<td>Tomoko Kitago, MD, PhD, White Plains, NY</td>
<td>Jerome Badaut, PhD, Bordeaux, France</td>
</tr>
<tr>
<td>4:51</td>
<td>Telehabilitation</td>
<td>(5:00) Cellular Plasticity of Astrocytes in the Stroke Scar</td>
</tr>
<tr>
<td></td>
<td>Steven C Cramer, MD, Orange, CA</td>
<td>Jason Hinman, MD, PhD, Los Angeles, CA</td>
</tr>
<tr>
<td>5:03</td>
<td>Discussion</td>
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**Category** | Diagnosis of Stroke Etiology | Experimental Mechanisms and Models |
<table>
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<tr>
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<tbody>
<tr>
<td>Session Title</td>
<td>Diagnosis of Stroke Etiology Oral Abstracts I</td>
<td>Experimental Mechanisms and Models Oral Abstracts II</td>
</tr>
<tr>
<td>Session Type</td>
<td>Abstract</td>
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<tr>
<td>Room</td>
<td>Room 515 B</td>
<td>Room 502 B</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Joseph P Broderick, MD, Cincinnati, OH Jong S Kim, MD, Seoul, Korea, Republic of</td>
<td>Zena Vexler, PhD, San Francisco, CA Hiroaki Odoshi, MD, Fukushima, Japan</td>
</tr>
<tr>
<td>4:15</td>
<td>Practical Application of Serial Measurement of Cardiac Troponin I for Risk Stratification in Acute Ischemic Stroke</td>
<td>Targeting Myeloid Specific Neutrophil Integrin α9β1 Improves Stroke Outcome Following Transient Cerebral Ischemia in Comorbid Condition of Hyperlipidemia</td>
</tr>
<tr>
<td></td>
<td>Sung-Ho Ahn, Pusan Natl Univ Yangsan Hosp, Busan, Korea, Republic of 66</td>
<td>Nirav Dhanesha, Univ of Iowa, Iowa City, IA</td>
</tr>
<tr>
<td></td>
<td>Sun U Kwon, Asan Medical Ctr, Univ of Ulsan, Seoul, Korea, Republic of</td>
<td>Avni K Chauhan, Univ of Iowa, Iowa City, IA</td>
</tr>
<tr>
<td>4:27</td>
<td>RNA Expression Differentiates Large Artery And Cardioembolic Stroke: A Pilot Analysis From The BASE Trial</td>
<td>Circulating Inter-alpha Inhibitor Protein Levels Decline After Stroke in Humans: Exogenous Supplementation is Protective in Multiple Animal Models of Ischemic Stroke</td>
</tr>
<tr>
<td></td>
<td>Edward C Jauch, Medical Univ of South Carolina, Charleston, SC 67</td>
<td>Nirav Dhanesha, Univ of Iowa, Iowa City, IA</td>
</tr>
<tr>
<td></td>
<td>David Y Huang, Univ of North Carolina, Chapel Hill, NC</td>
<td>Verugopal Reddy Venna, McGovern Medical Sch at Houston, Houston, TX</td>
</tr>
<tr>
<td>4:39</td>
<td>Peripheral Markers of Blood-Brain Barrier Remodeling Predict Intracerebral Hemorrhage Etiology and Outcomes</td>
<td>The Innate Immunity Receptor CD36 Contributes to Ischemic Brain Injury by Regulating Post-ischemic Caspase-1 Activity and Interleukin-1β Production in Microglia</td>
</tr>
<tr>
<td></td>
<td>Matthew D Howe, McGovern Medical Sch at UT Health, Houston, TX 68</td>
<td>Lidia Garcia-Bonilla, WCMC, New York, NY</td>
</tr>
<tr>
<td></td>
<td>Nancy J Edwards, Kaiser Permanente, Redwood City, CA</td>
<td>Costantino Iadecola, WCMC, New York, NY</td>
</tr>
<tr>
<td>4:51</td>
<td>Long-term Vascular Morphological Changes and Clinical Events in Intracranial Artery Dissection</td>
<td>Triggering Receptor Expressed on Myeloid Cells-2 Expression derived From Microglia Contributes to Neurological Recovery in Experimental Ischemic Stroke</td>
</tr>
<tr>
<td></td>
<td>Naoki Makita, Nati Cerebral and Cardiovascular Ctr, Saita, Japan 69</td>
<td>Keta Kuru, Univ of California, San Francisco, San Francisco, CA</td>
</tr>
<tr>
<td></td>
<td>Kazunari Toyoda, Nati Cerebral and Cardiovascular Ctr, Saita, Japan</td>
<td>Midori A Renari, Univ of California, San Francisco, San Francisco, CA</td>
</tr>
<tr>
<td>5:13</td>
<td>Discussion</td>
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**Short Break (5:15 pm – 5:30 pm)**
**WEDNESDAY, JANUARY 24 (4:15 pm – 5:15 pm)**

<table>
<thead>
<tr>
<th>Category</th>
<th>Health Services, Quality Improvement, and Patient-centered Outcomes</th>
<th>Diagnosis of Stroke Etiology</th>
</tr>
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<tbody>
<tr>
<td><strong>Session Title</strong></td>
<td>Telesstroke 3.0: Beyond Acute Ischemic Stroke: Leveraging Technology for Stroke Management Throughout the Continuum of Care and Outreach</td>
<td></td>
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<tr>
<td><strong>Session Type</strong></td>
<td>Invited Symposium</td>
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<tr>
<td><strong>Room</strong></td>
<td>Room 152</td>
<td></td>
</tr>
<tr>
<td><strong>Moderator(s)</strong></td>
<td>Andrew M Southerland, MD, Charlottesville, VA&lt;br&gt;Jeffrey Switzer, DO, MCTS, Evans, GA</td>
<td></td>
</tr>
<tr>
<td>4:15</td>
<td>Telestroke Networks Providing Community Education: Stroke ECHO&lt;br&gt;Peter Hannon, MD, Salt Lake City, UT</td>
<td></td>
</tr>
<tr>
<td>4:27</td>
<td>International Collaborations in Telestroke&lt;br&gt;Annemarei Ranta, MD, PhD, FRACP, Wellington, New Zealand</td>
<td></td>
</tr>
<tr>
<td>4:39</td>
<td>To Transfer or Not: Using Telestroke for Inpatient Stroke Follow-up of Complicated Cases&lt;br&gt;Heinrich J Audebert, MD, Berlin, Germany</td>
<td></td>
</tr>
<tr>
<td>4:51</td>
<td>Telestroke for Outpatient Stroke Follow-up&lt;br&gt;Christine Anne Holmstedt, DO, Charleston, SC</td>
<td></td>
</tr>
<tr>
<td>5:03</td>
<td>Discussion</td>
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**Category**

**Vascular Malformations**

<table>
<thead>
<tr>
<th><strong>Session Title</strong></th>
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<tbody>
<tr>
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<tr>
<td><strong>Room</strong></td>
<td>Room 502 A</td>
</tr>
<tr>
<td><strong>Moderator(s)</strong></td>
<td>Li-Mei Lin, MD, FAHA, FAAN, Grange, CA&lt;br&gt;Elisabeth B Marsh, MD, Baltimore, MD</td>
</tr>
<tr>
<td>4:15</td>
<td>Analysis of Genome-Wide Blood DNA Methylation Profile in Moyamoya Disease&lt;br&gt;Masaki Ito, Stanford Univ, Stanford, CA&lt;br&gt;Gary K Steinberg, Stanford Univ, Stanford, CA</td>
</tr>
<tr>
<td>4:27</td>
<td>Plasma Biomarkers of Inflammation and Angiogenesis Predict Cerebral Cavernous Malformation Symptomatic Hemorrhage or Lesional Growth&lt;br&gt;Romuald Girard, Univ of Chicago, Chicago, IL&lt;br&gt;Issam A Awad, Univ of Chicago, Chicago, IL</td>
</tr>
<tr>
<td>4:39</td>
<td>Transient Depletion of Microglia Reduces the Severity of Brain Arteriovenous Malformation in a Mouse Model&lt;br&gt;Hua Su, Univ of California, San Francisco, San Francisco, CA</td>
</tr>
<tr>
<td>4:51</td>
<td>Circulating miRNome in Moyamoya Discordant MZ Twins – Implications for Endothelial Biofunctions&lt;br&gt;Kiyohiro Houkin, Hokkaido Univ, Sapporo, Japan</td>
</tr>
<tr>
<td>5:13</td>
<td>Discussion</td>
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</tbody>
</table>

**4:15 pm – 5:15 pm**

**Invited Symposium**

**Game of Strokes**

**Hall K**

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

In this exciting, interactive session, 3 teams of stroke professionals from around the world will wage a friendly intellectual war in a fast and furious game show-style quiz session comprising verbal and video questions. Use the ISC 2018 Mobile Meeting App to play along in this thrilling game in the session room, and test your stroke knowledge. The 3 competing teams will be made up of stroke leaders representing Africa, Europe and the Middle East; Asia, Australia and South America; and the returning champions from ISC 2017 – Canada and the US. Come and support your favorite team and watch them try to win the Games of Strokes trophy.

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

**Team Africa/Europe/Middle East**

Martin Köhrmann, MD, FESO, Essen, Germany
Emmanuel Touzé, MD, PhD, Caen, France
Charlotte Cordomnier, Little Cedex, France

**Team Asia/Australia/South America**

Sebastian F Ameriso, MD, FAHA, Buenos Aires, Argentina
Bruce Campbell, MBBS, Parkville, Australia
Jeyaraj D Pandian, MD, DM, FRACP, Ludhiana, India

**Team Canada/USA**

Richard Bernstein, MD, PhD, Chicago, IL
Eric E Smith, MD, Calgary, AB, Canada
J David Spence, MD, London, ON, Canada
Jana J Wold, Salt Lake City, UT
5:30 pm – 7:00 pm
Poster Sessions
Poster Hall, Hall H

5:30 pm – 6:30 pm
Professor-led Poster Tours by Category:
Brief Presentation and Moderated Q&A with Poster Presenters
Moderated Posters WMP1 – WMP120; see pg 54 in the Poster Abstract index for a complete listing of all the posters in the Wednesday Professor-led Poster Tour session.

6:30 pm – 7:00 pm
Regular Poster Session:
One-on-one Time for an Individual Q&A with Poster Presenters
These posters are not included in the 5:30 Professor-led Poster Tour Session above.
Posters WP1– WP427; see pg 62 in the Poster Abstract index for a complete listing of all the posters in this Wednesday session.
Late-Breaking Science Posters LBP1 – LBP34; see pg 84 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.

7:00 pm – 7:45 pm
Stroke Council Annual Business Meeting
Poster Hall, Hall H
All Stroke Council Members are welcome and encouraged to attend.

The Stroke Council will hold its Annual Business Meeting on Wednesday, January 24 from 7:00 pm – 7:45 pm in the Los Angeles Convention Center, Poster Hall, Hall H. 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:  Karen Furie, MD, MPH, FAHA
CRYPTOGENIC STROKE

In about one in three ischemic strokes, the root cause is still unknown after testing. That's when it's important to dig deeper for a definitive diagnosis. Collaboration by neurologists, cardiologists, electrophysiologists and other integral team members may reveal the answers needed to provide targeted treatment for preventing recurrent strokes. Look for a variety of cryptogenic stroke resources on our website.

Booth #445 or StrokeAssociation.org/CS
Acute Ischemic Stroke Simulation

Test your clinical assessment and critical thinking skills as you evaluate and manage a variety of patients experiencing acute ischemic stroke. In this set of 4 simulations, you will be immersed in a screen based virtual environment where you will interact with a life-like virtual patient, complete with dynamic monitoring, dialogue, diagnostic testing, drugs, intervention options and performance debriefing.

CME AVAILABLE! REGISTER TODAY AT:

bit.ly/strokesimulation
Changes to the programming might have occurred since the Final Program went to print. For the current, most accurate programming information, please refer to the ISC 2018 Mobile Meeting Guide app. To download the app, search “AHA Events” in the App Store or Google Play.
## THURSDAY, JANUARY 25 (7:00 am – 8:30 am)

<table>
<thead>
<tr>
<th>Category</th>
<th>Basic and Preclinical Neuroscience of Stroke Recovery</th>
<th>Aneurysm</th>
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<tbody>
<tr>
<td><strong>Session Title</strong></td>
<td>Sex Differences in the Effectiveness of Stroke Therapies</td>
<td>Unruptured Aneurysms: Novel Insights and Treatment Concepts</td>
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<td><strong>Session Type</strong></td>
<td>Invited Symposium: Women and Stroke Mini-Symposium</td>
<td>Invited Symposium</td>
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<tr>
<td><strong>Room</strong></td>
<td>Room 502 A</td>
<td>Room 515 B</td>
</tr>
<tr>
<td><strong>Moderator(s)</strong></td>
<td>Ken Arai, PhD, Charlestown, MA</td>
<td>Robert D Brown, MD, MPH, Rochester, MN</td>
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<tr>
<td></td>
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<td>Sandra Narayan, MD, Detroit, MI</td>
</tr>
<tr>
<td><strong>7:00</strong></td>
<td>Sex Differences in Cell Death Pathways</td>
<td>Patient-and-aneurysm-specific Risk Factors for Aneurysm Growth and Rupture</td>
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<td>Louise D McCullough, MD, PhD, FAHA, Houston, TX</td>
<td>Mervyn Vergouwen, MD, PhD, Utrecht, Netherlands</td>
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<tr>
<td><strong>7:19</strong></td>
<td>Sex Differences in the Spleenic Immune Responses in Stroke</td>
<td>New Imaging Techniques for Evaluation of Unruptured Intracranial Aneurysms: Beyond Size and Location</td>
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<td>Halina Offner, Dr Med, Portland, OR</td>
<td>Waled Elkindi, MD, Rochester, MN</td>
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<tr>
<td><strong>7:38</strong></td>
<td>Sex Differences in Mononuclear Phagocytes Response and Remodeling</td>
<td>Endovascular Therapy of Unruptured Aneurysms: An Expanding Horizon</td>
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<td>Xiaoming Hu, MD, PhD, Pittsburgh, PA</td>
<td>Ajay K Wakhloo, MD, PhD, FAHA, Boston, MA</td>
</tr>
<tr>
<td><strong>7:57</strong></td>
<td>Sex Differences in Ischemic Stroke Recovery: TRPM2</td>
<td>Contemporary Surgical and Medical Management for Unruptured Intracranial Aneurysms</td>
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<tr>
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<td>Paco Herson, PhD, Aurora, CO</td>
<td>Nima Etmann, MD, Mannheim, Germany</td>
</tr>
<tr>
<td><strong>8:16</strong></td>
<td>Discussion</td>
<td>Discussion</td>
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### Short Break (8:30 am – 8:45 am)

### Category | Acute Endovascular Treatment | Cerebral Large Artery Disease |
<table>
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<tbody>
<tr>
<td><strong>Session Title</strong></td>
<td>Acute Endovascular Treatment Oral Abstracts I</td>
<td>Cerebral Large Artery Disease Oral Abstracts II</td>
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<td><strong>Room</strong></td>
<td>Room 151</td>
<td>Room 502 B</td>
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<tr>
<td><strong>Moderator(s)</strong></td>
<td>Thanh Nguyen, MD, Boston, MA</td>
<td>Tanya N Turan, MD, Charleston, SC</td>
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<tr>
<td></td>
<td>Diederik W Dippel, MD, Rotterdam, Netherlands</td>
<td>Shyam Prabhakaran, MD, Chicago, IL</td>
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<tr>
<td><strong>7:00</strong></td>
<td>Time to Endovascular Treatment and Outcomes in the DAWN Trial</td>
<td>Is Progressively Worsening Severity of Internal Carotid Artery Stenosis by Carotid Doppler Ultrasound in Asymptomatic Patients a Risk Factor for Ischemic Stroke?</td>
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<td></td>
<td>Raul G Nogueira, Emory Univ Sch of Med, Atlanta, GA</td>
<td>Adrian I Qureshi, Zeenat Qureshi Stroke Inst, St Cloud, MN</td>
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<tr>
<td></td>
<td>On behalf of the DAWN Investigators</td>
<td>Ahmed A Malik, Zeenat Qureshi Stroke Inst, St Cloud, MN</td>
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<tr>
<td><strong>7:12</strong></td>
<td>Chronic and Acute Hypertension in Ischemic Stroke Are Distinct Markers of Impaired Collateral Circulation</td>
<td>Morphological Evolution of Symptomatic Intracranial Atherosclerotic Plaques: A 10-year Longitudinal Study by 3-Dimensional Rotational Angiography</td>
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<td>David S Liebeskind, Neurorvascular Imaging Res Core, Los Angeles, CA</td>
<td>Xinyi Leng, The Chinese Univ of Hong Kong, Hong Kong, Hong Kong</td>
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<td>On behalf of the IMS III Investigators</td>
<td>Thomas W Leung, The Chinese Univ of Hong Kong, Hong Kong, Hong Kong</td>
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<td><strong>7:24</strong></td>
<td>Older Patients Benefit More From Complete Recanalization Following Thrombectomy</td>
<td>Population-level Analysis of the Impact of SAMMPRIS on Intracranial Atherosclerosis Management</td>
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<td>Mahesh V Jayaraman, Rhode Island Hosp/ Brown U, Providence, RI</td>
<td>Bader A Alnazi, UT Health, McGovern Sch of Med, Houston, TX</td>
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<td>Ryan A McTaggart, Rhode Island Hosp/ Brown U, Providence, RI</td>
<td>Sunil A Sheth, UT Health, McGovern Sch of Med, Houston, TX</td>
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<tr>
<td><strong>7:36</strong></td>
<td>Time From Imaging to Endovascular Reparfusion Predicts Outcome in Acute Stroke</td>
<td>Sphingolipid Profiling Identifies Large Vessel Occlusions at Early Time Points: Results of the ASPIRE-Stroke Study</td>
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<td>Jenny P Tsai, Stanford Univ, Stanford, CA</td>
<td>Sunil A Sheth, UT Health, McGovern Sch of Med, Houston, TX</td>
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<td>Gregory Albers, Stanford Univ, Stanford, CA</td>
<td>Nestor R Gonzalez, Cedar Sinal Medical Ctr, Los Angeles, CA</td>
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<td><strong>7:48</strong></td>
<td>Endovascular Therapy Eligibility in the Advent of DWI and DEFUSE-3 Results</td>
<td>Topographic Distributions of Intracranial Adventitial Vasa Vorum and Correlations with Atherosclerosis: A Postmortem Study</td>
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<td>Pooja Khatri, Univ of Cincinnati, Cincinnati, OH</td>
<td>Lu Zheng, Chinese Univ of Hong Kong, Shatin, Hong Kong</td>
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<td>Dawn Kleindorfer, Univ of Cincinnati, Cincinnati, OH</td>
<td>Xiang Yan Chen, Chinese Univ of Hong Kong, Shatin, Hong Kong</td>
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<tr>
<td><strong>8:00</strong></td>
<td>Successful Recanalization with Intravenous Thrombolysis Preceding Mechanical Thrombectomy in Large Vessel Occlusions: A Systematic Review and Meta-Analysis</td>
<td>Geometric Characteristics of Middle Cerebral Artery Atherosclerosis and Clinical Stroke</td>
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<td>Georgios Tsivgoulis, Univ of Athens, Athens, Greece</td>
<td>Yannan Yu, Peking Union Medical Coll Hosp, Beijing, China</td>
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<td>Andrei V Alexandrov, Univ of Tennessee Health Science Ctr, Memphis, TN</td>
<td>Weihe Xie, Peking Union Medical Coll Hosp, Beijing, China</td>
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<tr>
<td><strong>8:12</strong></td>
<td>Collaterals Drive Reparfusion in Strats</td>
<td>Moyamoya Disease Susceptibility Gene, RNF213 p.R4810K Variant, is a Common Risk Factor for Atherothrombotic Brain Infarction in a Japanese Population</td>
</tr>
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<td>David S Liebeskind, Neurorvascular Imaging Res Core, Los Angeles, CA</td>
<td>Shuhei Okazaki, Natl Cerebral and Cardiovascular Ctr, Satta, Japan</td>
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<td>On behalf of the STRATIS Investigators</td>
<td>Masafuji Ihara, Natl Cerebral and Cardiovascular Ctr, Satta, Japan</td>
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<td><strong>8:24</strong></td>
<td>Discussion</td>
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<td>Category</td>
<td>Community/Risk Factors</td>
<td>Emergency Care/Systems Oral Abstracts II</td>
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<tr>
<td>Session Title</td>
<td>Following Our Hearts and Our Heads: Current Concepts in Global Cardiovascular and Cerebrovascular Disease Control (an AHA/ASA and World Heart Federation Joint Symposium)</td>
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<td>Moderator(s)</td>
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<tr>
<td>7:00</td>
<td>The Global Burden of Cardiovascular and Cerebrovascular Diseases – Present and Future</td>
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<tr>
<td>7:19</td>
<td>Risk Factors for Cardiovascular and Cerebrovascular Diseases – Commonalities and Differences</td>
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<tr>
<td>7:38</td>
<td>Population and Individual Prevention Strategies for Cardiovascular and Cerebrovascular Diseases</td>
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<tr>
<td>7:57</td>
<td>Health Care System and Policy Responses for Tackling Cardiovascular and Cerebrovascular Diseases</td>
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<tr>
<td>8:16</td>
<td>Discussion</td>
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</tbody>
</table>

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The Oral Abstracts list the Presenting Author (first) and the Senior Author (last) of the abstract. For the complete Author Block of an abstract (including the Conflict of Interest information), please check the online Program/Itinerary Planner on the ISC Web site at strokeconference.org, the ISC 2018 Mobile Meeting Guide app, or the ISC abstracts online in the Stroke journal.

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

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**THURSDAY, JANUARY 25 (7:00 am – 8:30 am)**

<table>
<thead>
<tr>
<th>Category</th>
<th>Emergency Care Systems</th>
<th>Preventive Strategies</th>
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<td>Session Title</td>
<td>Emergency Care/Systems Oral Abstracts II</td>
<td>Preventive Strategies Oral Abstracts</td>
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<td>Session Type</td>
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<tr>
<td>Room</td>
<td>Room 408</td>
<td>Room 515 A</td>
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<tr>
<td>Moderator(s)</td>
<td>Kyle B Walsh, MD, Cincinnati, OH</td>
<td>Jong S Kim, MD, Seoul, Korea, Republic of</td>
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<tr>
<td>7:00</td>
<td>Endovascular Thrombectomy Access in the United States: The Current Status and an Optimization Model</td>
<td>Diagnosis of Uncertain Origin Benign Transient Events (DOUBT)</td>
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<td>Amrou Sarraj, The Univ of Texas Health Science Ctr at Houston, Houston, TX</td>
<td>Sheila B Coutts, Univ Calgary, Calgary, AB, Canada</td>
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<td>Sean I Savitz, The Univ of Texas Health Science Ctr at Houston, Houston, TX</td>
<td>Jennifer Mandzia, Univ of Western Ontario, Calgary, ON, Canada</td>
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<td>Brittany Megan Bogle, Univ of North Carolina-Chapel Hill, Chapel Hill, NC</td>
<td>Todd C Villines, Walter Reed Natl Medical Ctr, Rockville, MD</td>
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<td>Andrew Asimos, Carolinas Healthcare Ctr, Charlotte, NC</td>
<td>Eric Schwartzman, Naval Medical Ctr Portsmouth, Portsmouth, VA</td>
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<tr>
<td>7:24</td>
<td>Ultra-fast Performance and Yield of a High-resolution CT with Head and Neck CT Angiography on a Mobile Stroke Unit</td>
<td>Pioglitazone Prevents Stroke in Patients with a Recent TIA or Ischemic Stroke: A Secondary Analysis of the IRIS Trial</td>
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<td>Anne W Alexandrov, UTHSC-Memphis TN, Memphis, TN</td>
<td>Shadi Yaghi, Brown Univ, Providence, RI</td>
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<td>On behalf of the REACH-MOST Investigators</td>
<td>Walter N Kernan, Yale Univ, New Haven, CT</td>
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<tr>
<td>7:36</td>
<td>EMS Triage to CSC Reduces Time to Treatment and Improves Outcomes in Patients with Large Vessel Occlusion</td>
<td>Consistency of Efficacy of PFO Closure in the Gore Reduce Trial</td>
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<td>Ryan A McTaggart, Rhode Island Hosp/Brown U, Providence, RI</td>
<td>Scott E Kase, Univ of Pennsylvania, Philadelphia, PA</td>
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<td>On behalf of the Gore REDUCE Study Investigators</td>
<td>On behalf of the Gore REDUCE Study Investigators</td>
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<tr>
<td>7:48</td>
<td>Assessment of the Rapid Arterial occlusion Evaluation (RACE) Scale in Real-world Practice for Prediction of Large Vessel Occlusion and Reducing Time to Thrombectomy</td>
<td>Intensive versus Guideline Antplatelet Therapy in Patients with Transient Ischaemic Attack: Data From the Triple Antplatelets for Reducing Dependency in Ischaemic Stroke (TARDIS) Trial</td>
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<td>Brijesh P Mehta, Memorial Healthcare System, Hollywood, FL</td>
<td>Philip M Bath, Univ of Nottingham, Nottingham, United Kingdom</td>
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<td>Raul G Nogueira, Emory University Sch of Med, Atlanta, GA</td>
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<tr>
<td>8:00</td>
<td>Accuracy of Prediction Instruments for Diagnosing Large Vessel Occlusion in Persons with Suspected Stroke: A Systematic Review for the 2018 AHA/ASA Guidelines for the Early Management of Patients with Acute Ischemic Stroke</td>
<td>First Stroke Reduced 44 Percent by Well Tolerated Medications Stroke Outcomes From the Heart Outcomes Prevention Evaluation 3 Study</td>
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<td>Eric E Smith, Univ of Calgary, Calgary, AB, Canada</td>
<td>Jackie Bosch, McMaster Univ, Hamilton, ON, Canada</td>
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<td>Darin B Zahraneac, Univ of Michigan, Ann Arbor, MI</td>
<td>Salim Yusuf, Population Health Res Inst, McMaster Univ, Hamilton, ON, Canada</td>
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<tr>
<td>8:12</td>
<td>Point-of-care Testing of Coagulation in Patients Treated with the Non-vitamin K Antagonist Oral Anticoagulant Edoxaban</td>
<td>Percutaneous Patent Foramen Ovale Closure for the Secondary Prevention of Cryptogenic Cerebral Ischemia: A Network Meta-analysis</td>
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<td>Florian Joachim Hartig, Univ Hosp Tuebingen, Tuebingen, Germany</td>
<td>Georgios Tsivgoulis, Natl and Kapodistrian Univ of Athens, Athens, Greece</td>
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<td>Ulf Ziemann, Sven Poli, Univ Hosp Tuebingen, Tuebingen, Germany</td>
<td>Andrei V Alexandrov, Univ of Tennessee Health Science Ctr, Memphis, TN</td>
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Short Break (8:30 am – 8:45 am)
<table>
<thead>
<tr>
<th>Category</th>
<th>Health Services, Quality Improvement, and Patient-centered Outcomes</th>
<th>Preventive Strategies</th>
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<tr>
<td>Session Title</td>
<td>Driving Stroke Systems Change: Innovative Solutions to Global Resource Challenges (an AHA/ASA and World Stroke Organization Joint Symposium)</td>
<td>The Paola De Rango Memorial Session on Stroke in Women: An International Perspective on the Medical, Genetic, and Epigenetic Factors that Impact Sex Differences</td>
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<tr>
<td>Session Type</td>
<td>Invited Symposium</td>
<td>Invited Symposium: Women and Stroke Mini-Symposium</td>
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<tr>
<td>Room</td>
<td>Room 151</td>
<td>Room 502 A</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Keren L Furie, MD, MPH, FAHA, Providence, RI</td>
<td>Valeria Caso, PhD, Perugia, Italy</td>
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<td>M Patricia Lindsay, BScN, PhD, Etobicoke, ON, Canada</td>
<td>Cheryl Bushnell, MD, Winston Salem, NC</td>
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<tr>
<td>9:04</td>
<td>Increasing Access to Stroke Care in Low Middle Income Countries Jeyaraj D Pandian, MD, Ludhiana, India</td>
<td>The Epidemic of Elderly Women with Atrial Fibrillation: What Is the Best Stroke Prevention Approach? Karol E Watson, MD, PhD, FAHA, Los Angeles, CA</td>
</tr>
<tr>
<td>9:23</td>
<td>Addressing Barriers to Stroke Care in Middle Income Countries with Two-tiered Payment Systems (Public and Private Hospitals) Ayton Roberto Mussaro, MD, Sao Paulo, Brazil</td>
<td>Genetics and Epigenetics: Back to the Basics of Sex Differences Stacie L. Demel, DO, PhD, East Lansing, MI</td>
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<td>9:42</td>
<td>Nationwide Implementation of Thrombectomy in Germany Christos Konigias, MD, PhD, Bochum, Germany</td>
<td>Physical and Cognitive Frailty in Women: Pre and Post Stroke Tatjana Rundek, MD, PhD, Miami Beach, FL</td>
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<tr>
<th>Category</th>
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<td>Acute Endovascular Treatment Oral Abstracts II</td>
<td>Acute Neuroimaging Oral Abstracts II</td>
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<td>Moderator(s)</td>
<td>Osama O Zaidat, MD, MS, FAHA, FAAN, Toledo, OH</td>
<td>Steven J Warach, MD, Austin, TX</td>
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<td>Tudor G Jovic, MD, Pittsburgh, PA</td>
<td>Bruce Campbell, MBBS, Parkville, Australia</td>
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<tr>
<td>8:57</td>
<td>Real World Clinical and Radiographic Outcomes with and without Intravenous tPA in Anterior Circulation Large Vessel Occlusions Mechanical Thrombectomy Patients Treated within 8 Hours 107 Joey English, California Pacific Medical Ctr, San Francisco, CA</td>
<td>CT Perfusion Mismatch Identifies More Thrombectomy Patients Than Clinical Core Mismatch 113 Edrich J Rodrigues, Royal Melbourne Hosp, Melbourne, Australia</td>
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<td>On behalf of the DAWN Investigators</td>
<td>On behalf of the Trevo Retriever Registry Investigators</td>
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<tr>
<td>9:09</td>
<td>Mechanical Thrombectomy in Patients with Milder Strokes and Large Vessel Occlusions – A Multicenter and Matched Analysis 108 Simon Nagel, Univ of Heidelberg, Heidelberg, Germany</td>
<td>CT Perfusion Identifies Patients with Poor Outcomes in the Endovascular Treatment for Small Core and Anterior Circulation Proximal Occlusion with Emphasis on Minimizing CT to Recanalization Times (ESCAPE) Trial 115 Robert Wienermacher, Univ of Alberta, Edmonton, AB, Canada</td>
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<td>Raul Nogueira, Emory Univ, Atlanta, GA</td>
<td>Kenneth Butcher, Univ of Alberta, Edmonton, AB, Canada</td>
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<td>On behalf of the Trevo Retriever Registry Investigators</td>
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<td>Raul Nogueira, Grady Memorial Hosp/Emory Univ, Atlanta, GA</td>
<td>Robin Lemmens, Univ Hosp Leuven, Leuven, Belgium</td>
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<td>On behalf of the DAWN Investigators</td>
<td>On behalf of the Trevo Retriever Registry Investigators</td>
</tr>
<tr>
<td>9:33</td>
<td>Thrombectomy with Longer Stent Retrievers Increases Rates of First-pass Reperfusion 110 Diogo C Hausen, Emory Univ Sch of Med, Atlanta, GA</td>
<td>One Stop Management of Acute Stroke Patients: Minimizing Door to Groin Times and Improving Functional Outcome 117 Mario-Nikos Psychogiou, Univ Medical Ctr Goettingen, Goettingen, Germany</td>
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<tr>
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<td>Raul G Nogueira, Emory Univ Sch of Med, Atlanta, GA</td>
<td>Jan Liman, Univ Medical Ctr Goettingen, Goettingen, Germany</td>
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<tr>
<td>9:45</td>
<td>Endovascular Therapy for Mild Strokes: How Low Should We Go? 111 Amrou Sarraj, The Univ of Texas Health Science Ctr at Houston, Houston, TX</td>
<td>Quantitative Cerebral Blood Flow Measured with Arterial Spin Labeling MRT in the Unaffected Hemisphere Predicts Outcome in Acute Ischemic Stroke 118 Thoralf Thamm, Stanford Univ, Stanford, CA</td>
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<td></td>
<td>Marc Ribó, Univ Hosp Vall d’Hebron, Barcelona, Spain</td>
<td>On behalf of the CAS Study Investigators</td>
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<tr>
<td>9:57</td>
<td>Identifying Patients Who May Benefit From Thrombectomy in the Late Time Window: Predictors of Good Outcome Beyond Advanced Imaging 112 Amrou Sarraj, The Univ of Texas Health Science Ctr at Houston, Houston, TX</td>
<td>Predicting a Target Diffusion-Perfusion Mismatch at Extended Time Windows: Findings From the Lesion Evolution in Stroke and Ischemia on Neuroimaging (LESION) Study 119 Steven Warach, Univ of Texas Dell Medical Sch, Austin, TX</td>
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<tr>
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<td>Rohit Gupta, Wellstar Health System, Atlanta, GA</td>
<td>Lawrence Latour, Natl Inst of Neurological Disorders and Stroke, Austin, TX</td>
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<tr>
<td>10:09</td>
<td>Discussion</td>
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Short Break (10:15 am – 10:30 am)
### THURSDAY, JANUARY 25 (8:45 am – 10:15 am)

<table>
<thead>
<tr>
<th>Category</th>
<th>Diagnosis of Stroke Etiology</th>
<th>Intracerebral Hemorrhage</th>
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<tr>
<td><strong>Session Type</strong></td>
<td>Diagnosis of Stroke Etiology Oral Abstracts II</td>
<td>Intracerebral Hemorrhage Oral Abstracts II</td>
</tr>
<tr>
<td><strong>Room</strong></td>
<td>Room 515 B</td>
<td>Room 502 B</td>
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<tr>
<td><strong>Moderator(s)</strong></td>
<td>Hans C Diener, MD, Essen, Germany</td>
<td>Daniel Woo, MD, MS, Cincinnati, OH</td>
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</tbody>
</table>

#### 8:45
**Measures of Coagulation and Hemostatic Activation Outperform Left Atrial Structural Parameters in Identifying Embolic Stroke of Undetermined Source (ESUS) Patients Who May Benefit From Early Anticoagulation**

Fadi Nahab, Emory Univ, Atlanta, GA

**Untreated Hypertension After Intracerebral Hemorrhage**

Carson Van Sanford, Univ of Cincinnati, Cincinnati, OH

**8:57**
**Embolic Stroke of Unknown Source is Associated with Higher Left Atrial Fibrosis Than Other Stroke Subtypes**

Jennifer J Majersik, Univ of Utah, Salt Lake City, UT

Nazem Akoum, Univ of Washington, Seattle, WA

**Intensive Blood Pressure Lowering in Patients with Moderate to Severe Grade Acute Cerebral Hemorrhage: Post Hoc Subgroup Analysis of Antihypertensive Treatment of Acute Cerebral Hemorrhage (ATACH)-2 Trial**

Adnan Qureshi, University of Minnesota, Minneapolis, MN

Jose Suarez, Baylor Coll of Med, Houston, TX

#### 9:09
**Elevated Pulse Wave Velocity is Associated with Regional Aortic Flow Reversal as an Embolic Mechanism in Patients with Cryptogenic Stroke**

Kelly Jarvis, Northwestern Univ, Chicago, IL

Michael Markl, Northwestern Univ, Chicago, IL

**Association of Prothrombin Complex Concentrate Administration and Blood Pressure Management with Hematoma Enlargement and Clinical Outcomes in Vitamin K Antagonist versus Non-Vitamin K Antagonist-related Intracerebral Hemorrhage**

Hagen B Huttner, Univ Hosp Erlangen, Erlangen, Germany

On behalf of the RETRACE Investigators

#### 9:21
**Diagnostic Yield of TEE in Patients with Cryptogenic Stroke and TIA with Normal TTE: A Systematic Review and Meta-Analysis**

Shamik Shah, The Univ of Kansas Health System, Kansas City, KS

Gary Gronseth, The Univ of Kansas Health System, Kansas City, KS

**Intracerebral Hemorrhage and Subsequent Risk of Arterial Thromboembolism**

Santosh B Murthy, Weill Cornell Medical Coll, New York, NY

Hooman Kamel, Weill Cornell Medical Coll, New York, NY

#### 9:33
**Clot Composition of Embolic Strokes of Undetermined Source**

Anne M Nosh, Hartford Hosp Univ of CT, Hartford, CT

Martin Olbinschlag, Hartford Hosp, Hartford, CT

**Impact of Concomitant Use of Antiplatelet and Anticoagulation Therapies on Outcomes in Patients with Intracerebral Hemorrhage**

Taku Inohara, Duke Clinical Res Inst, Durham, NC

Gregg C Fonarow, Univ of California, Los Angeles, Los Angeles, CA

#### 9:45
**Validation of a Clinical Risk Score for Predicting Atrial Fibrillation in Cryptogenic Stroke Patients with Insertable Cardiac Monitors: Insights From the CRYSTAL AF Study**

Rod S Passman, Northwestern Univ Medical Ctr, Chicago, IL

Susan X Zhao, Santa Clara Valley Medical Ctr, San Jose, CA

**Utility of Prophylactic Antiepileptic Drug Administration on Seizure Prevention and Disability Following Intracerebral Hemorrhage in the Ethnic/Racial Variations of Intracerebral Hemorrhage Study**

Krupa Savalia, Georgetown Univ, Washington, DC

Douglas Mayson, Georgetown Univ, Washington, DC

#### 9:57
**Relationship Between Visceral Infarction and Ischemic Stroke Subtype**

Caitlin B Finn, Weill Cornell Med, New York, NY

Hooman Kamel, Weill Cornell Med, New York, NY

**Cerebellar Hematoma Location: Implications for the Underlying Microangiopathy**

Marco Pasi, Massachusetts General Hosp, Boston, MA

Anand Viswanathan, Massachusetts General Hosp, Boston, MA

#### 10:09
Discussion

Short Break (10:15 am – 10:30 am)
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>10:30</td>
<td>Introduction to the William M Feinberg Award for Excellence in Clinical Stroke Lecture</td>
</tr>
<tr>
<td>10:35</td>
<td>Feinberg Lecture: Small Vessel Disease: A Big Problem, But Fixable</td>
</tr>
<tr>
<td>11:00</td>
<td>A Comparison of Direct Aspiration vs. Stent Retriever as a First Approach (COMPASS): A Randomized Trial</td>
</tr>
<tr>
<td>11:12</td>
<td>ARISE II Trial Result</td>
</tr>
<tr>
<td>11:24</td>
<td>Subgroup Analyses of the DEFUSE 3 Study</td>
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<tr>
<td>11:36</td>
<td>The Effect of Rivaroxaban with Aspirin on Stroke Outcomes in the Cardiovascular Outcomes for People Using Anticoagulation Strategies (COMPASS) Trial</td>
</tr>
<tr>
<td>11:48</td>
<td>Ticagrelor with Aspirin on Platelet Reactivity in Minor Stroke or Transient Ischemic Attack (PRINCE Trial) – Final Analysis</td>
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**Short Break (12 Noon – 12:10 pm)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>12:10</td>
<td>Meeting &quot;Return to Home&quot; Needs in Patients with Stroke</td>
</tr>
<tr>
<td>1:00</td>
<td>Q&amp;A</td>
</tr>
</tbody>
</table>

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12:20 Empty Seats at Your Table: The Benefits of Conference Networking
12:30 Life After Post-doc: Finding the Right Niche as Faculty
12:40 Q&A
12:50 Networking Time

We would like to thank Raghu Vemuganti for his time and effort in planning this luncheon.
## THURSDAY, JANUARY 25 (1:30 pm – 3:00 pm)

<table>
<thead>
<tr>
<th>Category</th>
<th>Diagnosis of Stroke Etiology</th>
<th>Vascular Cognitive Impairment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session Title</td>
<td>Atrial Fibrillation and Newer Embolicgenic Cardiac Diseases</td>
<td>Brain Health: A Cocktail for Healthy Aging</td>
</tr>
<tr>
<td>Session Type</td>
<td>Invited Symposium</td>
<td>Invited Symposium</td>
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<tr>
<td>Room</td>
<td>Room 408</td>
<td>Room 151</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Scott E Kasner, MD, MS, FAHA, Philadelphia, PA</td>
<td>Philip B Gorelick, MD, MPH, FAHA, Grand Rapids, MI</td>
</tr>
<tr>
<td></td>
<td>Hans-Christoph Diener, MD, PhD, FAHA, FAAN, Essen, Germany</td>
<td>Lee H Schwamm, MD, Boston, MA</td>
</tr>
<tr>
<td>1:30</td>
<td>How to Detect Covert Atrial Fibrillation</td>
<td>7&amp;7: An Overview of the American Heart Association/American Stroke Association’s Advisory on Brain Health</td>
</tr>
<tr>
<td></td>
<td>Rolf Wachter, MD, Leipzig, Germany</td>
<td>Philip B Gorelick, MD, MPH, FAHA, Grand Rapids, MI</td>
</tr>
<tr>
<td>1:49</td>
<td>How to Detect Extra-AFib Embolicgenic Cardiac Diseases</td>
<td>(1:45) The Central Role of the Neurovascular Unit</td>
</tr>
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<td></td>
<td>Hooman Kamel, MD, New York, NY</td>
<td>Costantino Iadecola, MD, FAHA, New York, NY</td>
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<tr>
<td>2:08</td>
<td>How and When to Prevent Cardiac Embolism</td>
<td>(2:00) The Sundowner: Vascular Contributions to Cognitive Impairment and Dementia</td>
</tr>
<tr>
<td></td>
<td>Kazunori Toyoda, MD, Suita, Japan</td>
<td>Eric E Smith, MD, Calgary, AB, Canada</td>
</tr>
<tr>
<td>2:27</td>
<td>How to Form Partnership between Cardiology and Neurology</td>
<td>(2:15) Corpse Reviver: Recommendations of the Taskforce on Brain Health and Healthy Aging of the AHA</td>
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<tr>
<td></td>
<td>Richard Bernstein, MD, PhD, Chicago, IL</td>
<td>Lee H Schwamm, MD, Boston, MA</td>
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<tr>
<td>2:46</td>
<td>Discussion</td>
<td>(2:30) Discussion</td>
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## Category Health Services, Quality Improvement, and Patient-centered Outcomes

<table>
<thead>
<tr>
<th>Session Title</th>
<th>Health Services, Quality Improvement, and Patient-Centered Outcomes Oral Abstracts I</th>
<th>Vascular Biology in Health and Disease Oral Abstracts</th>
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<tbody>
<tr>
<td>Session Type</td>
<td>Abstract</td>
<td>Abstract</td>
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<tr>
<td>Room</td>
<td>Room 515 B</td>
<td>Room 502 B</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Ying Xian, MD, Durham, NC</td>
<td>Kejo Yin, PhD, Pittsburgh, PA</td>
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<td></td>
<td>Milton H Hamblin, PhD, New Orleans, LA</td>
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<tr>
<td>1:30</td>
<td>Cost-Related Nonadherence to Medication Among US Stroke Survivors After Affordable Care Act Implementation 134</td>
<td>Systolic Blood Pressure and White Matter Hypertension Progression in ACCORD-MIND 147</td>
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<td></td>
<td>Deborah A Levine, Univ of Michigan, Ann Arbor, MI</td>
<td>Adam H de Havoren, Univ of Utah, Salt Lake City, UT</td>
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<td></td>
<td>Lena M Chen, Univ of Michigan, Ann Arbor, MI</td>
<td>Natalia Rost, Massachusetts General Hosp, Boston, MA</td>
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<tr>
<td>1:42</td>
<td>Door in Door Out Time at Primary Stroke Centers Predicts Outcome for Patients with Large Vessel Occlusion Stroke 135</td>
<td>Transgenic Overexpression of Kripipel-Like Factor 11 in Endothelium Ameliorates Ischemic Brain Injury 142</td>
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<tr>
<td></td>
<td>Ryan A McTaggart, Rhode Island Hosp, Providence, RI</td>
<td>Ke-Je Yin, Univ of Pittsburgh Sch of Med, Pittsburgh, PA</td>
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<tr>
<td>1:54</td>
<td>A Cluster Randomized Trial of a Multifaceted Intervention to Improve Adherence to Evidence-Based Treatments in Acute Ischemic Stroke in China 136</td>
<td>Stroke Impairs Endothelial Cells Through Downregulation of Programed Death Ligand-1 Expression 143</td>
</tr>
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<td></td>
<td>Yinong Wang, Beijing TianTan Hosp, Capital Medical Univ, Beijing, China</td>
<td>Yun-Ju Lai, UTHealth, Houston, TX</td>
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<tr>
<td></td>
<td>On behalf of the GOLDEN BRIDGE Investigators</td>
<td>Louise D McCullough, UTHealth, Houston, TX</td>
</tr>
<tr>
<td></td>
<td>Abhinaba Chatterjee, Weill Cornell Med, New York, NY</td>
<td>Mohammed A Abdelsaid, Mercer Univ, Savannah, GA</td>
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<td>Hooman Kamei, Weill Cornell Med, New York, NY</td>
<td>Advie Ergul, Augusta Univ, Augusta, GA</td>
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<tr>
<td>2:18</td>
<td>How Far is Too Far? A Decision Analysis Model of Pre-hospital Triage for Potential Large Vessel Occlusion Acute Stroke Patients 138</td>
<td>Thrombus Composition is Associated with Endothelial Injury and Stroke Etiology in Patients Undergoing Mechanical Thrombectomy for Emergent Large Vessel Occlusion 145</td>
</tr>
<tr>
<td></td>
<td>Yajian Xu, Columbia Univ, New York, NY</td>
<td>Lucas Eljovich, Semmons-Murphey Clinic - UTHSC, Memphis, TN</td>
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<td>Mitchell S Ekind, Columbia Univ, New York, NY</td>
<td>Lisa Jennings, UTHSC, Memphis, TN</td>
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<tr>
<td>2:30</td>
<td>Low Rate of Probable Misdiagnosis of Cerebral Vein Thrombosis in a Multi-State Cohort 139</td>
<td>Renal Cysts and Stroke in the General Population: The Rotterdam Study 146</td>
</tr>
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<td></td>
<td>Awa L Liberman, Albert Einstein Coll of Med, Bronx, NY</td>
<td>Sanaz Sedighat, Erasmus Univ Medical Ctr, Rotterdam, Netherlands</td>
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<td>Alexander Merkler, Weill Cornell Med, NY</td>
<td>M Arfan Ikram, Erasmus Univ Medical Ctr, Rotterdam, Netherlands</td>
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<tr>
<td>2:42</td>
<td>Reducing Costs and Length of Stay Using Standardized Dysphagia Evaluation in Acute Stroke Patients 140</td>
<td>Plaque Inflammation is Associated with Early Cerebral Ischemic Events in Symptomatic Carotid Stenosis 147</td>
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<td>Katherine Werbaneth, Stanford Univ, Stanford, CA</td>
<td>Vijay K Sharma, Natl Univ of Singapore, Singapore, Singapore</td>
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<td>Niral Vora, Stanford Univ, Stanford, CA</td>
<td>Arvind K Sinha, Natl Univ Health System, Singapore, Singapore</td>
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<tr>
<td>2:54</td>
<td>Discussion</td>
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Science and Technology Hall (Exhibits)/Break, Hall J (3:00 pm – 3:30 pm)
### Category: Vascular Malformations

<table>
<thead>
<tr>
<th>Session Title</th>
<th>Invited Symposium: Women and Stroke Mini-Symposium</th>
<th>Invited Symposium</th>
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<tr>
<td>Room</td>
<td>Room 502 A</td>
<td>Room 152</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>William Mack, MD, FAANS, FAHA, Los Angeles, CA</td>
<td>Barbara Vickrey, MD, MPH, New York, NY</td>
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<tr>
<td></td>
<td>Yomi Ogun, BSc (Hons), MBChB, FWACP, Lagos, Nigeria</td>
<td></td>
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</table>

1:30 Counseling and Management of Incidental Arteriovenous Malformations during Pregnancy  
M Christopher Wallace, MD, MSc, FRCS, FRCS, Kingston, ON, Canada

1:49 Management of Ruptured Arteriovenous Malformation during Pregnancy  
Mika Niemelä, MD, PhD, Helsinki, Finland

2:08 Embolization of Brain Arteriovenous Malformations during Pregnancy: Pros and Cons  
Babu Welch, MD, Dallas, TX

2:27 Genetic Considerations of AVMs: Role of Gender  
Helen Kim, PhD, San Francisco, CA

2:46 Discussion

### Category: Vascular Cognitive Impairment

<table>
<thead>
<tr>
<th>Session Title</th>
<th>Vascular Cognitive Impairment Oral Abstracts</th>
</tr>
</thead>
<tbody>
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<td>Session Type</td>
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<tr>
<td>Room</td>
<td>Room 515 A</td>
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<tr>
<td>Moderator(s)</td>
<td>Jean-Pyo Lee, PhD, New Orleans, LA</td>
</tr>
<tr>
<td></td>
<td>Ladislav Pazdera, MD, Rychnov nad Kněžnou, Czech Republic</td>
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</tbody>
</table>

1:30 Exome Sequence Study on Extreme MRI Markers of Cerebral Small Vessel Disease  
Aniket Mishra, Univ of Bordeaux, Bordeaux, France  
Stephanie Debette, Univ of Bordeaux, Bordeaux, France

1:42 CD36 in Perivascular Macrophages Contributes to Neurovascular and Cognitive Dysfunction and Amyloid Angiopathy in Mice Overexpressing the Alzheimer Ap Peptide  
Kan Uekawa, Weill Cornell Med, New York, NY  
Costantino Iadecola, Weill Cornell Med, New York, NY

1:54 Cerebral Microbleeds and Cognition in Lacunar Stroke Patients: The Secondary Prevention of Small Subcortical Strokes Trial  
Ashkan Shoamaneh, McMaster Univ, Hamilton, ON, Canada  
Oscar R Benavente, Univ of British Columbia, Vancouver, BC, Canada

2:06 Intracranial Atherosclerotic Disease and Brain Amyloid Deposition: The ARIC Study  
Rebecca F Gottesman, Johns Hopkins Univ, Baltimore, MD  
Bruce A Wasserman, Johns Hopkins Univ, Baltimore, MD

2:18 Dietary Patterns Associated with Slower Cognitive Decline Post Stroke  
Laurel J Cherian, Rush Univ Medical Ctr, Chicago, IL  
Martha C Morris, Rush Univ Medical Ctr, Chicago, IL

2:30 The Preserve Trial: Intensive Blood Pressure Lowering and Cerebral Blood Flow in Small Vessel Disease  
Gary A Ford, Univ of Oxford, Oxford, United Kingdom  
Andrew Blamire, Univ of Newcastle, Newcastle, United Kingdom

2:42 Three-Month Modified Rankin Scale Score Predicts 5-Year Post-Stroke Dementia And Institutionalization Outcomes: A Population-Based Prospective Cohort Study  
Ariwind Ganesh, Univ of Oxford, Oxford, United Kingdom  
On behalf of the Oxford Vascular Study

2:54 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 ISC 2018 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 ISC 2018 Mobile Meeting Guide app, or the ISC abstracts online in the Stroke journal.

The number listed immediately after the abstract’s title is the abstract’s presentation number.
<table>
<thead>
<tr>
<th>Category</th>
<th>Vascular Cognitive Impairment</th>
<th>Clinical Rehabilitation and Recovery</th>
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<tbody>
<tr>
<td>Session Title</td>
<td>Marking Vascular Cognitive Impairment: MarkVCID</td>
<td>Predicting and Enhancing Recovery from Aphasia after Stroke</td>
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<tr>
<td>Session Type</td>
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<tr>
<td>Room</td>
<td>Room 152</td>
<td>Room 502 A</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Rebecca Gottesman, MD, PhD, Baltimore, MD Roderick Corriveau, MD, Bethesda, MD Elisabeth B Marsh, MD, Baltimore, MD Randolph S Marshall, MD, New York, NY</td>
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<tr>
<td>3:30</td>
<td>Overview of MarkVCID and Biomarker Selection</td>
<td>Introduction and Overview</td>
</tr>
<tr>
<td></td>
<td>Steven M Greenberg, MD, PhD, Boston, MA</td>
<td>(3:40) Predicting Aphasia Recovery: Influence of Lesion Location and Medications Argye E Hillis, MD, Baltimore, MD</td>
</tr>
<tr>
<td>3:49</td>
<td>Multimodal MRI Biomarkers of Cerebral Small Vessel Disease</td>
<td>(4:00) Novel Behavioral Approaches to Language Rehabilitation Leora Cherney, PhD, BC-ANCDS, Chicago, IL</td>
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<tr>
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<td>Julie Schneider, MD, Chicago, IL</td>
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<tr>
<td>4:08</td>
<td>Fluid-based Biomarkers of Cerebral Small Vessel Disease</td>
<td>(4:20) Augmenting Language Rehabilitation with tDCS Peter Turkeltaub, MD, Washington, DC</td>
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<tr>
<td></td>
<td>Donna M Wilcock, PhD, Lexington, KY</td>
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<tr>
<td>4:27</td>
<td>International Biomarker Programs and Collaboration Opportunities</td>
<td>(4:40) Discussion</td>
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<tr>
<td></td>
<td>Martin Dichgans, Prof MD, Munich, Germany</td>
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<tr>
<td>4:46</td>
<td>Discussion</td>
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<thead>
<tr>
<th>Category</th>
<th>Health Services, Quality Improvement, and Patient-centered Outcomes</th>
<th>Pediatric Stroke</th>
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<tbody>
<tr>
<td>Session Title</td>
<td>Social Determinants of Stroke in Latin America (an AHA/ASA and Pan American Health Organization Joint Symposium) Through Different Lenses: Cerebral Arteriopathies in Young Stroke Patients</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>Room 408</td>
<td>Room 502 B</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Maria C Zurru, MD, Bsas, Argentina Salvador Cruz-Flores, MD, El Paso, TX</td>
<td>Laura L Lehman, MD, Boston, MA Aneesh B Singhal, MD, Boston, MA</td>
</tr>
<tr>
<td>3:30</td>
<td>Social Determinants of Cardiovascular Disease and Stroke</td>
<td>Cerebral Arteriopathy in the Young Stroke Patient: The “Pediatric” Approach to Evaluation and Management Heather Fullerton, MD, San Francisco, CA</td>
</tr>
<tr>
<td></td>
<td>Edward Havranek, MD, Denver, CO</td>
<td>(3:45) Cerebral Arteriopathy in the Young Stroke Patient: The “Adult” Approach to Evaluation and Management Frank-Erik de Leeuw, MD, PhD, Professor, Nijmegen, Netherlands</td>
</tr>
<tr>
<td>3:49</td>
<td>Addressing the Social Determinants of Stroke in South America</td>
<td>(4:00) At What Age Does Atherosclerosis Emerge as a Cause of Stroke in the Young? Sharon Poisson, MD, MA, Aurora, CO</td>
</tr>
<tr>
<td></td>
<td>Sheila Martins, MD, PhD, Porto Alegre, Brazil</td>
<td>(4:15) The Controversial Role of Steroids for Cerebral Arteriopathy in the Young Mark MacKay, MBBS, FRACP, Parkville, Australia</td>
</tr>
<tr>
<td>4:08</td>
<td>A Tale of Two Social Realities: Mexico Experience</td>
<td>(4:30) Discussion</td>
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<tr>
<td></td>
<td>Fernando Gongora-Rivera, MD, MSc, Monterrey, Mexico</td>
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</tr>
<tr>
<td>4:27</td>
<td>Addressing Social Determinants of Stroke: Pan American Health Organization Perspective</td>
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<tr>
<td>4:46</td>
<td>Discussion</td>
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Short Break (5:00 pm – 5:15 pm)
### THURSDAY, JANUARY 25 (3:30 pm – 5:00 pm)

<table>
<thead>
<tr>
<th>Category</th>
<th>Acute Endovascular Treatment</th>
<th>Vascular Biology in Health and Disease</th>
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<tbody>
<tr>
<td>Session Title</td>
<td>Reperfusion Therapy in the Extended Time Window: A New Reality</td>
<td>Small Cerebral Vasculature in Health and Ischemic Brain Disease</td>
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<tr>
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<tr>
<td>Room</td>
<td>Room 515 A</td>
<td>Room 515 B</td>
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<tr>
<td>Moderator(s)</td>
<td>Diederik W Dippel, MD, PhD, Rotterdam, Netherlands Aquila S Turk, DO, Charleston, SC</td>
<td>Joanna Liu, PhD, San Francisco, CA Joanne Wardlaw, BSc (Hons) MB CHB (Hons), MNCP, FRCP, MD, Edinburgh, United Kingdom</td>
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<tr>
<td>3:30</td>
<td>Patient Selection in the Wake of the DAWN Trial Raul G Nogueira, MD, Atlanta, GA</td>
<td>Segmental Differences in Brain Arteriole Function and the Response to Stroke Marilyn Cipolla, PhD, Burlington, VT</td>
</tr>
<tr>
<td>3:49</td>
<td>Future Directions: Who Should We Treat and Who Should We Study Gregory W Albers, MD, Stanford, CA</td>
<td>(3:52) Genetic Clues to Healthy Cerebral Collaterals: Translational Insights James E Faber, PhD, Chapel Hill, NC</td>
</tr>
<tr>
<td>4:08</td>
<td>Current Reality: Epidemiology and Systems Implications Pooya Khatri, MD, Cincinnati, OH</td>
<td>(4:15) Impact of Single Genes Upon Brain Microvascular Function: From Bedside to Bench and Back Again Patricia Musolino, MD, PhD, Boston, MA</td>
</tr>
<tr>
<td>4:27</td>
<td>Imaging Selection: Who Should We Treat and Who Should We Study? Tudor G Jovin, MD, Pittsburgh, PA</td>
<td>(4:37) Clinical Approach to Diagnosis and Treatment of cSVD: Acute Manifestations and Silent Decline Eric E Smith, MD, MPH, Calgary, AB, Canada</td>
</tr>
<tr>
<td>4:46</td>
<td>Discussion</td>
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### Late-Breaking Science Oral Abstracts

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<tr>
<th>Session Title</th>
<th>Late-Breaking Science Oral Abstracts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session Type</td>
<td>Abstract</td>
</tr>
<tr>
<td>Room</td>
<td>Room 151</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Bo Norrving, MD, Lund, Sweden</td>
</tr>
<tr>
<td>3:30</td>
<td>Presentation of the Outstanding Stroke Research Mentor Award to Dawn Kleindorfer, MD, FAHA, University of Cincinnati</td>
</tr>
<tr>
<td>3:33</td>
<td>Alteplase for the Treatment of Acute Ischemic Stroke in Patients with Low NIHSS and Not Clearly-Disabling Deficits: Primary Results of the PRISMS Trial LB9 Pooya Khatri, Univ of Cincinnati, Cincinnati, OH Sharon Hafits, Medical Univ of South Carolina, Charleston, SC</td>
</tr>
<tr>
<td>3:45</td>
<td>Thrombolysis in Acute Ischemic Stroke Patients with Small Perfusion Lesions: Involvement of Corticospinal Tract Predicts Outcome LB10 Ying Zhou, 2nd Affiliated Hosp ZJU, Hangzhou, China Min Lou, 2nd Affiliated Hosp ZJU, Hangzhou, China</td>
</tr>
<tr>
<td>3:57</td>
<td>Benefit of Thrombectomy for Stroke with Clinical-Imaging Mismatch at 6-24 Hours in Dawn: Comparison of Patients Selected with Core Infarct Measured by MR-DWI vs CTP-rCBF LB11 Cathy A Sila, Univ Hosp Cleveland, Cleveland, OH Tudor G Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA</td>
</tr>
<tr>
<td>4:09</td>
<td>Modeled Impact of Bypass to an endovascular-capable Center on Clinical Outcomes: An Analysis of the STRATIS registry LB12 Nils H Mueller-Kronast, Tenet Health Care, Deeray Beach, FL On behalf of the STRATIS Investigators</td>
</tr>
<tr>
<td>4:21</td>
<td>WEAVE™ Intracranial Stent Trial: Final Trial Results in 150 Consecutive Patients Treated On-Label LB13 Michael J Alexander, Cedars-Sinai Medical Ctr, Los Angeles, CA Wengui Yu, UCI Medical Ctr, Irvine, CA</td>
</tr>
<tr>
<td>4:33</td>
<td>Two-year Safety and Clinical Outcomes in Chronic Ischemic Stroke Patients After Implantation of Modified Bone Marrow-derived Mesenchymal Stem Cells (sb623): A Phase 1/2a Study LB14 Gary K Steinberg, Stanford Univ, Stanford, CA Neil E Schwartz, Stanford Univ, Stanford, CA</td>
</tr>
<tr>
<td>4:45</td>
<td>12 Month Functional Outcome After Intracerebral Implantation of Human Neural Stem Cells (PISCES-2) LB15 Keith W Muir, Univ of Glasgow, Glasgow, United Kingdom Arshad Majid, Univ of Sheffield, Sheffield, United Kingdom</td>
</tr>
<tr>
<td>4:57</td>
<td>Discussion</td>
</tr>
</tbody>
</table>

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 ISC 2018 Mobile Meeting Guide app. To download the app, search “AHA Events” in the App Store or Google Play.

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The number listed immediately after the abstract’s title is the abstract’s presentation number.
5:15 pm – 6:45 pm
Poster Sessions
Poster Hall, Hall H

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 87 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 – TP428; see pg 94 in the Poster Abstract index for a complete listing of all the posters in this Thursday session.
Ongoing Clinical Trials Posters CTP1 – CTP36; see pg 115 in the Poster Abstract index for a complete listing of all the Ongoing Clinical Trials posters in this Thursday session.
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- **New** tools for applying stroke rehab guidelines and helping patients make informed rehab choices
- Cryptogenic stroke and acute ischemic stroke resources
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1 Specific presentations within a session may not be available or may be audio only if the presenter has confidential patient information or otherwise declines to be recorded.

2 USB drive does not include all the functionality available online, such as Advanced Search, Recently Viewed, PDF/MP3 Downloads, Bookmarks and CME testing.
## FRIDAY, JANUARY 26 (7:00 am – 8:30 am)

<table>
<thead>
<tr>
<th>Category</th>
<th>Acute Nonendovascular Treatment</th>
<th>Aneurysm</th>
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<tr>
<td>Session Title</td>
<td>Acute Nonendovascular Treatment Oral Abstracts</td>
<td>Aneurysm Oral Abstracts</td>
</tr>
<tr>
<td>Session Type</td>
<td>Abstract</td>
<td>Abstract</td>
</tr>
<tr>
<td>Room</td>
<td>Room 515 A</td>
<td>Room 502 A</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Carlos A Molina, MD, Barcelona, Spain</td>
<td>Alejandro A Rabinstein, MD, Rochester, MN</td>
</tr>
</tbody>
</table>

| 7:00 | What Predicts Symptomatic Intracranial Hemorrhage in Ischemic Stroke Patients Undergoing Emergent Brain Imaging for Neurological Deterioration After IV tPA? 105 | Microhemorrhages in MRI Predict Infectious Intracranial Aneurysm in Infective Endocarditis 162 |
| Brandon James, Brown Univ, Providence, RI | Sung-Min Cho, Cleveland Clinic Fndn, Cleveland, OH |
| Shadi Yaghi, Brown Univ, Providence, RI | Dolora Wisco, Cleveland Clinic Fndn, Cleveland, OH |

| 7:12 | Intravenous Thrombolysis for Acute Ischemic Stroke in the Golden Hour: A Systematic Review and Meta-Analysis 156 | Natural History of Infectious Intracranial Aneurysms Undergoing Antibiotic Treatment 163 |
| Georgios Tsivgoulis, Nall and Kappodistrian Univ of Athens, Athens, Greece | Cory J Rice, The Cleveland Clinic Fndn, Cleveland, OH |
| Andrei V Alexandrov, Univ of Tennessee Health Science Ctr, Memphis, TN | Ken Uchino, The Cleveland Clinic Fndn, Cleveland, OH |

| 7:24 | Contact Aspiration Versus Stent Retrievers for Large Vessel Occlusion in the Anterior Circulation Within Six Hours of Symptom Onset: Effect of Mothership Versus Drip and Ship Paradigms in the ASTER Trial 157 | Changes in Retreatment Rates of Cerebral Aneurysms Over a 10-Year Period in a Population-level Cohort 164 |
| Michel Piotin, Fondation Rothschild, Paris, France | Taylor Daleda, Univ of Texas, Houston, TX |
| Bertrand Lapergue, Foch Hosp, Suresnes, France | Sundi A Sheth, Univ of Texas, Houston, TX |

| 7:36 | Time to Decision and Treatment With Tissue Plasminogen Activator Using Telemedicine versus an On-board Physician on a Mobile Stroke Unit 158 | Accuracy of Detecting Enlargement of Aneurysms Using Different MRI Imaging Modalities and Measurement Protocols 165 |
| Rihi A Bowie, Univ of Texas Health Science Ctr at Houston, Houston, TX | Daichi Nakagawa, The Univ of Iowa Hosp and Clinics, Iowa City, IA |
| James C Grotta, Memorial Hermann Hosp, Houston, TX | David Hasan, The Univ of Iowa Hosp and Clinics, Iowa City, IA |

| 7:48 | Acute Aspirin Plus Cilostazol Dual Therapy for Non-cardioembolic Stroke Study (ADS) 159 | The Brain and Aortic Aneurysm Screening (BAAS) Study – Screening for Occult Intracranial Aneurysms in Those With Abdominal Aortic Aneurysms 166 |
| Junya Aoki, Nippon Medical Sch, Tokyo, Japan | Blake L Rosenbaum, Univ of Virginia, Charlottesville, VA |
| On behalf of the ADS study group | Bradford B Worrall, Univ of Virginia, Charlottesville, VA |

| 8:00 | Outcomes and Relationship to Time: Alteplase Administration in Patients With Large Vessel Occlusion in Non-intervention Group of the Hermes Collaboration 160 | 4D Flow MRI in Patients With Intracranial Aneurysms: A Comparative Analysis Between Evolving vs Stable Aneurysms 167 |
| Mayank Goyal, Univ of Calgary, Calgary, AB, Canada | Kambiz Naerl, Icahn Sch of Med Mount Sinai, New York, NY |
| Michael D Hill, Univ of Calgary, Calgary, AB, Canada | J Mocco, Icahn Sch of Med Mount Sinai, New York, NY |

| 8:12 | Temporal Trends in the Use of Acute Recanalization Therapies for Ischemic Stroke in Patients With Systemic Cancer 161 | Interim Analysis of the SMART Registry on the Utility of the Penumbra Smart Coil System in Treatment of Intracranial Aneurysms and Malformations 168 |
| Babak B Navi, Weill Cornell Med, New York, NY | Alejandro Spiotta, Medical Univ of South Carolina, Charleston, SC |
| | David Fiorella, Stony Brook Univ Medical Ctr, Stony Brook, NY |

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Short Break (8:30 am – 8:45 am)
### FRIDAY, JANUARY 26 (7:00 am – 8:30 am)

<table>
<thead>
<tr>
<th>Category</th>
<th>Emergency Care Systems</th>
<th>Clinical Rehabilitation and Recovery</th>
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<tbody>
<tr>
<td>Session Title</td>
<td>Prehospital Approaches to Maximize the Public Health Impact of t-PA and Thrombectomy</td>
<td>Translating Innovations in Stroke Rehabilitation to Improve Recovery and Quality of Life Across the Globe (an AHA/ASA and World Federation for Neurorehabilitation Joint Session)</td>
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<tr>
<td>Session Type</td>
<td>Invited Symposium: Thrombectomy Mini-Symposium</td>
<td>Invited Symposium</td>
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<tr>
<td>Room</td>
<td>152</td>
<td>408</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Laura Heitsch, MD, Saint Louis, MO Tracy E Maisen, MD, ScM, Providence, RI</td>
<td>David C Good, MD, Hershey, PA Mayowa Owolabi, MBBS, MSc, DrMF, MWACP, FMCP, FAAN, Ibadan, Nigeria</td>
</tr>
<tr>
<td>7:00</td>
<td>Mobile Stroke Units Are Not the Answer: Challenges in Implementation, Sustainability and Cost-effectiveness Andrew W Asimos, MD, Charlotte, NC</td>
<td>Neuroplasticity, Stem Cell Therapy, and Neural Repair in Stroke Recovery Bruce H Dobkin, MD, FRCP, Los Angeles, CA</td>
</tr>
<tr>
<td>7:16</td>
<td>The Future Is Now for Mobile Stroke Units James C Grotta, MD, FAHA, Houston, TX</td>
<td>(7:19) Robotics and Stroke Recovery Hermano Igo Krebs, PhD, Cambridge, MA</td>
</tr>
<tr>
<td>7:32</td>
<td>Prehospital Telemedicine Is the Only Viable Answer Andrew M Southerland, MD, Charlottesville, VA</td>
<td>(7:38) Pragmatic Solutions for Stroke Recovery and Improved Quality of Life in Low and Middle Income Settings Raymond K Reichwein, MD, Hershey, PA</td>
</tr>
<tr>
<td>8:04</td>
<td>Using Technology to Optimize Patient Access: A Practical Approach Cemal B Sozener, MD, Ann Arbor, MI</td>
<td>(8:16) Discussion</td>
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<td>8:20</td>
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### Category Community/Risk Factors

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<th>Session Title</th>
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<tr>
<td>Session Type</td>
<td>Abstract</td>
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<tr>
<td>Room</td>
<td>515 B</td>
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<tr>
<td>Moderator(s)</td>
<td>Moira K Kapral, MD, Toronto, ON, Canada Dominique A Cadilhac, MD, Clayton, Australia</td>
</tr>
<tr>
<td>7:00</td>
<td>Neurovascular Disease is the Second Leading Cause of Death in the United States (US): A Modern Disease Burden Analysis 169 Frances Fan, UCLA Medical Ctr, Los Angeles, CA Jeffrey L Saver, UCLA Medical Ctr, Los Angeles, CA</td>
</tr>
<tr>
<td>7:12</td>
<td>Metabolomics Profiling and Risk of Small Vessel Ischemic Stroke 170 Myriam Fornage, University Texas Health Science Ctr, Houston, TX Eric Boerwinkle, University Texas Health Science Ctr, Houston, TX</td>
</tr>
<tr>
<td>7:24</td>
<td>Endothelial Microparticle Levels and Silent Stroke in the Framingham Heart Study 171 Hugo J Aparicio, Univ Paris Descartes, Paris, France Sudha Seshadri, Boston Univ, Boston, MA</td>
</tr>
<tr>
<td>8:00</td>
<td>Preeclampsia and Early Stroke Incidence in the California Teachers Study 174 Eliza C Miller, Columbia Univ, New York, NY Joshua Z Willey, Columbia Univ, New York, NY</td>
</tr>
<tr>
<td>8:12</td>
<td>Kaiser Stroke Express Program - Population Based Estimate of Potential Accuracy of Field Based Identification of Endovascular Treatment Candidates 175 Jeffrey Klingman, Kaiser Permanente Northern California, Walnut Creek, CA Mai N Nguyen-Huyhn, Kaiser Div of Res, Oakland, CA</td>
</tr>
<tr>
<td>8:24</td>
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Short Break (8:30 am – 8:45 am)
## FRIDAY, JANUARY 26 (8:45 am – 10:15 am)

<table>
<thead>
<tr>
<th>Category</th>
<th>Community/Risk Factors</th>
<th>In-hospital Treatment</th>
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<tbody>
<tr>
<td>Session Title</td>
<td>Best Practices and Innovations in Engaging Minority and Rural Communities in Stroke Clinical Trials (an AHA/ASA and American Academy of Neurology Joint Session)</td>
<td>Challenges in Post-thrombectomy Management</td>
</tr>
<tr>
<td>Session Type</td>
<td>Invited Symposium: Minorities and Stroke Mini-Symposium</td>
<td>Invited Symposium: Thrombectomy Mini-Symposium</td>
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<tr>
<td>Room</td>
<td>Room 151</td>
<td>Room 152</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Mai N Nguyen Huynh, MD, Oakland, CA Ralph L Sacco, MD, FAHA, Miami, FL</td>
<td>Adam S Arthur, MD, MPH, FAANS, FACS, Memphis, TN George Tsivgoulis, MD, PhD, MSc, Athens, Greece</td>
</tr>
<tr>
<td>8:45</td>
<td>Kneeling Your Community (and Developing a Community Advisory Board)</td>
<td>Reoachment</td>
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<tr>
<td>9:04</td>
<td>Engaging the Community and Maintaining the Relationship</td>
<td>Reperefusion Hemorrhage</td>
</tr>
<tr>
<td>9:23</td>
<td>Communications to Build Trust (Communicating with Your Community)</td>
<td>BP Management</td>
</tr>
<tr>
<td>9:42</td>
<td>Dissemination of Findings and Sharing Information</td>
<td>Oxygenation and Ventilation</td>
</tr>
<tr>
<td>10:01</td>
<td>Discussion</td>
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### Basic and Preclinical Neuroscience of Stroke Recovery

<table>
<thead>
<tr>
<th>Category</th>
<th>Basic and Preclinical Neuroscience of Stroke Recovery Oral Abstracts II</th>
<th>Community/Risk Factors Oral Abstracts II</th>
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<td>Session Type</td>
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<tr>
<td>Room</td>
<td>Room 502 A</td>
<td>Room 502 B</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Seana L Gall, MD, Hobart, Australia</td>
<td>Determinants of Hypertension-related Intracerebral Hemorrhage in West Africans: Findings From the SIREN Study 183 Mayowa O Owoabi, Univ Coll Hosp, Ibadan, Nigeria Fred Sarfo, KMUST, Kumasi, Ghana</td>
</tr>
<tr>
<td>8:45</td>
<td>Enhancing the Efficacy of Current Management of Ischemic Stroke Using Injury-Site Targeted Complemented Inhibition – A Preclinical Study 176 Farris Langley, Medical Univ of South Carolina, Charleston, SC Stephen Tomlinson, Medical Univ of South Carolina, Charleston, SC</td>
<td>Sex Differences in the Effect of Hypertension on Stroke Risk in the REasons for Geographic and Racial Differences in Stroke Study 184 Tracy E Madsen, Albert Medical Sch of Brown Univ, Providence, RI Virginia J Howard, Univ of Alabama at Birmingham, Birmingham, AL</td>
</tr>
<tr>
<td>9:09</td>
<td>Adipose Derived Mesenchymal Stromal Cell Sheet Transplantation Induces Functional Angiogenesis and Enhances Endogenous Neurogenesis in a Rat Stroke Model 178 Biki Guo, Tokyo Women’s Medical Univ, Tokyo, Japan Tatsuya Shimizu, Tokyo Women’s Medical Univ, Tokyo, Japan</td>
<td>Longer Term Effect of Lifestyle Intervention on Blood Pressure Control Among African Americans: One Year Follow-up of Shake, Rattle &amp; Roll Trial 186 Mai N Nguyen Huynh, Kaiser Div of Res, Oakland, CA Stephen Sidney, Kaiser Div of Res, Oakland, CA</td>
</tr>
<tr>
<td>9:45</td>
<td>Stroke Induces a Differential Colonic Epithelial Response and Leads to Impaired Gut Integrity and Increased Post-Stoke Infections in Aged Mice 181 Danyoung Lee, McGovern Medical Sch, UTHealth at Houston, Houston, TX Venugopal R Venna, McGovern Medical Sch, UTHealth at Houston, Houston, TX</td>
<td>Identifying Patients at Highest Risk of Developing Atrial Fibrillation and the Role of Remote Prior Stroke: Insights From the REVEAL AF Study 189 Mitchell S Eiland, Columbus Univ, New York, NY James A Reiffel, Columbus Univ Medical Ctr, New York, NY</td>
</tr>
<tr>
<td>9:57</td>
<td>Rho in Microglia Acts as Central Player in the Cleanup and Repair After Ischemic Stroke 182 Shun-Ming Ting, UTHSC Medical Sch, Houston, TX Jaroslaw Aronowski, UTHSC Medical Sch, Houston, TX</td>
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</tr>
<tr>
<td>10:09</td>
<td>Discussion</td>
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Short Break (10:15 am – 10:30 am)
**FRIDAY, JANUARY 26 (8:45 am – 10:15 am)**

<table>
<thead>
<tr>
<th>Category</th>
<th>Preventive Strategies</th>
<th>Vascular Cognitive Impairment</th>
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<tr>
<td>Session Title</td>
<td>The Global Impact of Hypertension and Stroke: A Call to Action (an AHA/ASA and World Hypertension League Joint Symposium)</td>
<td>The Intersection of Vascular and Neurodegenerative Dementia (a Stroke journal 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>Room 408</td>
<td>Room 515 A</td>
</tr>
<tr>
<td>Moderator(s)</td>
<td>Werner Hacke, MD, PhD, FAHA, Heidelberg, Germany, Daniel T Lackland, DrPH, Charleston, SC</td>
<td>Marc Fisher, MD, FAHA, Boston, MA, Vladimir Hachinski, CM, MD, FRCPC, DSc, London, ON, Canada</td>
</tr>
<tr>
<td>8:45</td>
<td>High Blood Pressure Treatment in Diabetic Patients to Lower Stroke Risks Philip B Geliegick, MD, MPH, FAHA, Grand Rapids, MI</td>
<td>Vascular/Neurodegenerative Interactions: The Clinicopathological Evidence Charlotte Cordonnier, MD, PhD, Lille, France</td>
</tr>
<tr>
<td>9:04</td>
<td>Salt Intake and Blood Pressure Level with Increased Stroke Risks</td>
<td>Vascular Dysregulation: The First Phase of Alzheimer Disease? Yasser Iturria Medina, PhD, Montreal, QC, Canada</td>
</tr>
<tr>
<td>9:23</td>
<td>Blood Pressure Measurement and Global Stroke Prevention Janet Wright, MD, Baltimore, MD</td>
<td>Pathophysiology of Vascular Dysregulation Costantino Iadecola, MD, FAHA, New York, NY</td>
</tr>
<tr>
<td>9:42</td>
<td>Implementation of Hypertension Control Strategies to Reduce Stroke Risks Joel Handler, MD, Anaheim, CA</td>
<td>Dementia - Now What? Vladimir Hachinski, MD, FRCP, DSc, London, ON, Canada</td>
</tr>
<tr>
<td>10:01</td>
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<th>Category</th>
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<tr>
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<td>Moderator(s)</td>
<td>TBD</td>
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<tr>
<td>8:45</td>
<td>Improvements In Door To Needle Time Among Acute Ischemic Stroke Patients, 2008-2016 Xin Tong, CDC, Atlanta, GA, Robert Merritt, CDC, Atlanta, GA</td>
</tr>
<tr>
<td>8:57</td>
<td>Divergent Short-Term Post-Stroke Outcomes for African Americans Post-Stroke: Lower Mortality, But Greater Disability James F Burke, Univ of Michigan, Ann Arbor, MI, Lesli E Skolarus, Univ of Michigan, Ann Arbor, MI</td>
</tr>
<tr>
<td>9:09</td>
<td>Anticoagulation Decision-Making in ICH Patients with Atrial Fibrillation: Quality-Adjusted Decision Model Outcomes Dawn O Kleinoldorfer, Univ of Cincinnati, Cincinnati, OH, Daniel Woo, Univ of Cincinnati, Cincinnati, OH</td>
</tr>
<tr>
<td>9:33</td>
<td>Machine Learning-Based Model Can Predict Stroke Outcome Joonhyung Heo, Yonsei Univ Coll of Med, Seoul, Korea, Republic of Ji Hee Heo, Yonsei Univ Coll of Med, Seoul, Korea, Republic of</td>
</tr>
<tr>
<td>9:45</td>
<td>Drip and Ship vs Mothership: A Comparison of Two Different Conditional Probability Models Jessalyn K Holodinsky, Univ of Calgary, Calgary, AB, Canada, Noreen Kamal, Univ of Calgary, Calgary, AB, Canada</td>
</tr>
<tr>
<td>9:57</td>
<td>Comorbid Psychiatric Disease is Associated With Lower Rates of Thrombolysis in Ischemic Stroke Diana M Bengtorno, Johns Hopkins Univ Sch of Med, Baltimore, MD, Roland Faigle, Johns Hopkins Univ Sch of Med, Baltimore, MD</td>
</tr>
<tr>
<td>10:09</td>
<td>Discussion</td>
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</table>

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The number listed immediately after the abstract’s title is the abstract’s presentation numb.
FRIDAY, JANUARY 26 (10:30 am – 12:30 pm)

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<th>Time</th>
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<tr>
<td>10:30 am – 12:30 pm</td>
<td>Closing Main Event</td>
<td>Hall K</td>
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<tr>
<td>10:30 am – 11:30 am</td>
<td>Crossfire Debates</td>
<td></td>
</tr>
<tr>
<td>10:30 am – 10:50 am</td>
<td>Anticoagulation Therapy Should Not Be Restarted in Patients with Anticoagulation-related Lobar Intracerebral Hemorrhage</td>
<td></td>
</tr>
<tr>
<td>10:50 am – 11:10 am</td>
<td>Hemicraniectomy vs Not in Patients Over 60</td>
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<tr>
<td>11:06</td>
<td>Key Questions, Brief Summary and Final Vote</td>
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CALL FOR SCIENCE

Thank you for attending the International Stroke Conference 2018. Please don’t forget these important dates for the International Stroke Conference 2019 which will place February 6 - 8, 2019:

- Submit Session Ideas
  - Suggested Session Submitter Opens: Monday, Jan 22, 2018
  - Suggested Session Submitter Closes: Monday, Feb 26, 2018

Submit Your Best Science for Consideration for ISC 2019

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 2017.
- **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:** ISC 2017 reached nearly 15 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 23, 2018
- Submission Closes: Tuesday, Aug 14, 2018

Submit Late-Breaking Science Abstracts and Ongoing Clinical Trials Abstracts

- Submission Opens: Wednesday, Oct 10, 2018
- Submission Closes: Wednesday, Nov 7, 2018

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.
Changes to the programming might have occurred since the Final Program went to print. For the current, most accurate programming information, please refer to the ISC 2018 Mobile Meeting Guide app. To download the app, search “AHA Events” in the App Store or Google Play.
Visit the Science and Technology Hall on Wednesday and Thursday, in Hall J, where cerebrovascular products and services will be featured.

Don’t miss visiting American Stroke HeadQuarters Booth 445 and participate in the Simulations Zone Booth 159 and scheduled coffee breaks, 100 exhibitors, restaurant wand lunch in the Expert Theater Booth 401.

Exhibit Hours:  
Wednesday 10:00 AM – 4:00 PM  
Thursday 10:00 AM – 4:00 PM
GET THE **MOST** OUT OF YOUR

STROKE COUNCIL

PROFESSIONAL MEMBERSHIP

The Stroke Council works to advance science to help prevent, identify, and treat cerebrovascular disease and for recovery and rehabilitation of those who have it. The Stroke Council develops scientifically based publications, meetings, professional education, and training programs and supports the AHA/ASA’s work in translating stroke-related science into effective initiatives and products for the public, healthcare professionals, healthcare facilities and policy makers.

**OPPORTUNITIES TO:**

- Network with cardiovascular and cerebrovascular experts and peers from across the country and world.
- Collaborate with multidisciplinary colleagues on clinical practice.
- Learn the latest cutting-edge research in prevention, diagnosis, and treatment of cerebrovascular disease.
- Receive council awards and grants.
- Gain fellowship status.
- Serve in leadership roles.
- Support the AHA/ASA mission through advocacy and other efforts.

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

Visit our staff at **HeadQuarters Booth 445** to learn more about the Stroke Council and the benefits belonging to the AHA/ASA Professional Membership and our network of nearly 33,000 members.

Learn more about the Stroke Council at professional.heart.org/strokecouncil.
**PROFESSOR-LED POSTER TOURS AND POSTER SESSIONS**

During the ISC 2018 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 Poster Tour Session.

To be a part of a Poster Tour, please turn to pg 54 (Wednesday) and pg 87 (Thursday) in the Professor-led Poster Tour session.

The regular Poster Sessions are organized by poster category. During the Regular Poster Sessions, poster presenters will stand by their poster for individual Q&A time with attendees; they will not give a formal presentation. These posters are separate and not a part of the Professor-led Poster Tours. To see the posters in the Regular Poster Session, please turn to pg 62 (Wednesday) and pg 94 (Thursday) in the Professor Abstract section of the Final Program.

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

**WEDNESDAY, JANUARY 24**

5:30 PM – 6:30 PM

Hall H

**5:30 PM – 6:30 PM**

Professor-led Poster Tours by Category, Session I:
Moderated Q&A with Poster Presenters (Hall H)

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

**6:30 PM – 7:00 PM**

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

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

Posters WP1 – WP427; see pg 62 – pg 83 in the Poster Abstract Index for a complete listing of all the posters in this Wednesday session.

Late-Breaking Science Posters LB1 – LB804; see pg 84 – pg 96 in the Poster Abstract index for a complete listing of all the Late-Breaking Science posters in this Wednesday session.

**THURSDAY, JANUARY 25**

5:15 PM – 6:15 PM

Hall H

5:15 PM – 6:15 PM

Professor-led Poster Tours by Category, Session II:
Moderated Q&A with Poster Presenters (Hall H)

Moderated Posters TMP1 – TMP120; see pg 87 – pg 93 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 H)

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

Posters TP1 – TP428; see pg 94 – pg 114 in the Poster Abstract Index for a complete listing of all the posters in this Thursday session.

Ongoing Clinical Trials Posters

CTP1 – CTP36; see pg 115 – pg 117 in the Poster Abstract Index for a complete listing of all the Ongoing Clinical Trials Posters in this Thursday session.

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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 ISC 2018 Mobile Meeting Guide app

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

**WEDNESDAY, JANUARY 24**

5:30 PM – 6:30 PM

Hall H

**Acute Endovascular Treatment Moderated Poster Tour I**

Moderator: Robin Novakovic, MD, Dallas, TX

Poster Board Number MP1 / Presentation Number WMP1

Eligibility for Endovascular Trial Enrollment in the 6-24 Hour Time Window: Analysis of a Single Comprehensive Stroke Center
Shashvat M Desai, Ashutosh P Jadhav, Tudor G Jovin, UPMC Stroke Inst, Pittsburgh, PA

Poster Board Number MP2 / Presentation Number WMP2

Outcomes of Endovascular Therapy Following Interhospital Transfer
Shreyansh Shah, Shubin Sheng, Ying Xian, Duke Univ, Durham, NC; Kori S Zachrison, Massachusetts General Hosp, Boston, MA; Kevin N Sheth, Yale Sch of Med, New Haven, CT; Jeffrey L Saver, UCLA Med Ctr, Los Angeles, CA; Eric E Smith, Univ of Calgary, Calgary, AB, Canada; Gregg C Fonarow, UCLA Med Ctr, Los Angeles, CA; Lee H Schwall, Massachusetts General Hosp, Boston, CA

Poster Board Number MP3 / Presentation Number WMP3

Unknown Onset Strokes with Anterior Circulation Occlusion Treated by Thrombectomy After DWI-FLAIR Mismatch Selection
Simon Escalier, Rothchild Fndn, Paris, France; Benjamin Gory, Hôpital Neurologique Pierre Wertheimer, Bron, France; Maëva Kyheng, CHRU, Lille, France; Jean-Philippe Desilles, Hocine Redjem, Gabriele Ciccio, Stanislas Smajda, Rothchild Fndn, Paris, France; Julien Labreuche, CHRU, Lille, France; Mikhail Mazighi, Michel Pirot, Raphael Blanc, Rothchild Fndn, Paris, France; Bertrand Lapergus, Foch Hosp, Suresnes, France; Robert Fahed, Rothchild Fndn, Paris, France

Poster Board Number MP4 / Presentation Number WMP4

Intravenous Thrombolysis Before Endovascular Treatment Leads to Higher Hospital Charges Without Improving Outcomes
Ameer E Hassan, Umar Shariff, Christina Sanchez, UTSHCA-Valley Baptist Med Ctr, Harlingen, TX; Ahmed Malik, Adnan Qureshi, Zeenat Qureshi Stroke Inst, St Cloud, MN

Poster Board Number MP5 / Presentation Number WMP5

Triage to a Comprehensive Stroke Center Based on CT Perfusion Imaging versus No CT Perfusion Imaging at the Spoke Hospital
Pedro Aguilar-Salinas, Amin Aghaebrahim, Gustavo M Cortez, Eric Sauvageau, Ricardo Hanel, Lyerly Neurosurgery-Baptist Health, Jacksonville, FL

Poster Board Number MP6 / Presentation Number WMP6

Predictors of Times to Reperfusion in the TRACK Trevo Stent-retriever Registry
Shyam Prabhakaran, Northwestern Univ, Chicago, IL; Osama O Zaidat, Alicia C Castonguay, St Vincent Mercy Med Ctr, Toledo, OH; Diogo C Haussen, Emory Univ, Atlanta, GA; Joey D English, California Pacific Med Ctr, San Francisco, CA; Sudhakar R Sathia, Christiana Care Health System, Newark, DE; Jennifer Chen, Sidney Kimmel Med Coll, Philadelphia, PA; Hamed Parid, St Jude Med Ctr, Fullerton, CA; Erol Veznedarovludy, Mandy J Binning, Drexel Neuroscience Inst, Philadelphia, PA; Aij Puri, Univ of Massachusetts Med Sch, Worcester, MA; Nirav A Vora, Ron D Budzik, Riverside Radiology, Columbus, OH; Guillaume Labadie, Balamu Nsamba, Baptist Cardiac and Vascular Inst, Miami, FL; Valtahb Janardhan, Texas Stroke Inst, Plano, TX; Amer Alamakhsheef, DePaul Stroke Ctr-SSM Neuroscience Insts, St Louis, MO; Michael G Abraham, Univ of Kansas Med Ctr, Kansas City, KS; Randall Edgell, St Louis Univ, St Louis, MO; Asif Taqi, Los Robles Hosp and Med Ctr, Thousand Oaks, CA; Rami El Khoury, Tulane Univ, New Orleans, LA; Maxim Mokin, Univ of South Florida, Tampa, FL; Anil Q Majjhoo, Wayne State Sch of Med, Detroit, MI; Mouhammed Kabbani, Gundersen Health System, La Crosse, WI; Michael T Froehle, Vanderbilt Univ Med Ctr, Nashville, TN; Ira Finch, John Muir Health, Walnut Creek, CA; Sameer A Ansari, Northwestern Univ, Chicago, IL; Roberta Novakovic, UT Southwestern Med Ctr, Dallas, TX; Thanh N Nguyen, Boston Med Ctr, Boston, MA; Raul G Nogueira, Emory Univ, Atlanta, GA
SECTION 2

Moderator: Ona Wu, MD, Boston, MA

Yannan Yu, Danfeng Guo, Univ of California, Los Angeles, Los Angeles, CA; MinMing Zhang, Second Affiliated Hosp of Zhejiang Univ, Sch of Med, Hangzhou, China; Min Lou, Second Affiliated Hosp of Zhejiang Univ, Sch of Med, Hangzhou, China; David S Liebeskind, Fabien Scalzo, Univ of California, Los Angeles, Los Angeles, CA

Poster Board Number MP14 / Presentation Number WMP14 Prognosis of Different Infarction Patterns in Single or Multiple Acute Infarction After Minor Stroke
Yifeng Wang, Guangyao Wang, Jing Jing, Yuepeng Pan, Xingquan Zhao, Liping Liu, Yongjun Wang, Beijing Tiantan Hosp, Capital Med Univ, Beijing, China

Poster Board Number MP15 / Presentation Number WMP15 Serial Aspects in the Dawn Trial: Infarct Evolution and Clinical Impact
David S Liebeskind, Neuroradiology Imaging Res Core, Los Angeles, CA; Partha Bhuvu, Texas Stroke Inst, Dallas-Fort Worth, TX; Bin Xiang, Prospective Analytical, Inc, San Jose, CA; Albert J Yoo, Texas Stroke Inst, Dallas-Fort Worth, TX; Ashutosh J Jadhav, Univ of Pittsburgh Med Ctr, Pittsburgh, PA; Raul G Nogueira, Diogo C Haussen, Emory Univ Sch of Med/Grady Memorial Hosp, Atlanta, GA; Ronald F Budzik, OhioHealth Riverside Methodist Hosp, Columbus, OH; Alain Benafar, Hôpital Gui-de-Chauliac, Montpellier, France; Dileep R Ravagul, Univ of Miami Miller Sch of Med-Jackson Memorial Hosp, Miami, FL; Ricardo A Hanel, Baptist Jacksonville, Jacksonville, FL; Marc Ribó, Hosp Vall d’Hebron, Barcelona, Spain; Christophe Cognard, Univ Hosp of Toulouse, Toulouse, France; Cathy Silva, Univ Hosp of Cleveland, Cleveland, OH; Amere E Hassan, Valley Baptist Med Ctr, Harlingen, TX; Wade S Smith, Univ of California, San Francisco, San Francisco, CA; Jeffery L Saver, UCLA, Los Angeles, CA; Tudor G Jovin, Univ of Pittsburgh Med Ctr, Pittsburgh, PA; for the DAWN Investigators

Poster Board Number MP16 / Presentation Number WMP16 Elevated Cerebral Neurite Orientation Dispersion and Density Imaging and Diffusion Kurtosis Values Are Associated with Poor Neurologic Outcome in Comatose Cardiac Arrest Patients
Ona Wu, Eric S Rosenthal, Brittany B Mills, Gaston Cudemus-Deses, Brian L Edlow, William T Kimberly, Mingming N Ming, William A Copen, Pamela W Schaefer, Massachusetts General Hosp, Boston, MA; Joseph T Giacino, Spaulding Rehabilitation Hosp, Charlestown, MA; David M Greer, Boston Med Ctr, Boston, MA

Poster Board Number MP17 / Presentation Number WMP17 Time to Treatment, Collaterals and Recanalization in Basilar Artery Occlusion: Which Factors Determine Prognosis?
Fana Alemseged, Royal Melbourne Hosp, Parkville, Melbourne, Australia; Erik Van der Hoeven, St Antonius Hosp, Nieuwegein, Netherlands; Francesca Di Giuliano, Univ Hosp of “Tor Vergata”, Rome, Italy; Darshan Shah, Royal Melbourne Hosp, Parkville, Melbourne, Australia; Maria Diomedi, Univ Hosp of “Tor Vergata”, Rome, Italy; Timothy Kleinhijl, Royal Adelaide Hosp, Adelaide, Australia; Nawaf Yassi, Richard J Dowling, Steven Bush, Bernard Van, Royal Melbourne Hosp, Parkville Melbourne, Australia; Alessandro Davoli, Fabrizio Sallustio, Simone Marzial, Roberto Gandini, Univ Hosp of “Tor Vergata”, Rome, Italy; Geoffrey A Donnan, The Florey Inst of Neuroscience and Mental Health, Univ of Melbourne, Parkville, Melbourne, Australia; Volker Puetz, Dresden Univ of Technology, Dresden, Germany; Peter J Mitchell, Royal Melbourne Hosp, Parkville, Melbourne, Australia; Stephen M Davis, Royal Melbourne Hosp, Parkville, Melbourne, Australia; Wouter J Schoneveld, St Antonius Hosp, Nieuwegein, Netherlands; Bruce C Campbell, Royal Melbourne Hosp, Parkville, Melbourne, Australia

Poster Board Number MP18 / Presentation Number WMP18 Early Reperfusion Renormalizes ADC Values in Patients with Endovascular Therapy Compared to IV Thrombolysis Alone
Minea Luby, Kaylie Collisson, Amie W Haia, Lawrence L Latour, NINDS, Stroke Branch, Bethesda, MD

Poster Board Number MP19 / Presentation Number WMP19 Stroke Risk in the Territory of Symptomatic Intracranial Arteries
Yi Zhao, Kevin Sam, Qing Yao, Li Liu, Mona Shahriz, Dingdong Kang, Rebecca Gottesman, Bruce Wasserman, Johns Hopkins Univ, Baltimore, MD

Poster Board Number MP20 / Presentation Number WMP20 Insights into the System Biology of Reperfusion Injury in IV tPA-treated Acute Ischemic Stroke Patients Using Pathway Analysis and Next-generation Sequencing

Poster Board Number MP21 / Presentation Number WMP21 Texture Analysis of Intracranial Thrombus Using CT and CTA Predicts Early Recanalization with Intravenous Alteplase
Wu Qiu, Hulin Kuang, Mohamed Najin, Connor McDougall, Jay Nair, Brooklyn McDougall, Kevin Chung, Alexis T Wilson, Mayank Goyal, Michael Hill, Andrew Demchuk, Bijoy K Menon, Univ of Calgary, Calgary, AB, Canada

Poster Board Number MP22 / Presentation Number WMP22 Temporal Similarity Perfusion Mapping, an Effective CTP Analysis Method Without Transit Delay Sensitivity
Jill B de Vis, UMC Groningen, Groningen, Netherlands; Sunbin Song, NIH/NIMH, Bethesda, MD; Marie Luby, NIH/NINDS, Bethesda, MD; Daniel R Glen, Richard Reynolds, NIH/NIMH, Bethesda, MD; Wouter Kroon, UMC Groningen, Groningen, Netherlands; Jan W Dankbaar, UMC Utrecht, Utrecht, Netherlands; Lawrence L Latour, NIH/NINDS, Bethesda, MD; Reinoud P Bokkers, UMC Groningen, Groningen, Netherlands

Poster Board Number MP23 / Presentation Number WMP23 Automated ASPECTS Scoring of CT Scans for Acute Ischemic Stroke Patients Using Machine Learning
Hulin Kuang, Ericka Teleg, Mohamed Najem, Alexis T Wilson, Univ of Calgary, Calgary, AB, Canada; Sung Il Sohn, Keimgyung Univ, Daegu, Korea, Republic of; Mayank Goyal, Michael D Hill, Andrew Demchuk, Bijoy K Menon, Wu Qiu, Univ of Calgary, Calgary, AB, Canada
Poster Board Number MP55 / Presentation Number WMP55
Temporal Trends of Sex Differences in Transient Ischemic Attack Incidence Within a Population
Tracy E Madsen, Alpert Med Sch of Brown Univ, Providence, RI; Jane C Khoury, Cincinnati Children’s Hosp Med Ctr, Cincinnati, OH; Armin Munir, Kathleen Atwell, Charles J Moomaw, Matthew Flaherty, Daniel W. Oh, Univ of Cincinnati, Cincinnati, OH; Jason Mackey, Indiana Univ, Indianapolis, IN; Felipe De Los Rios La Rosa, Univ of Cincinnati/Baptist Hosp of Miami, Miami, OH; Sharyl Martin, Michael E DeBaek VA Med Ctr, Houston, TX; Simona Ferioli, Opeolu Adeoye, Pooja Kathari, Joseph P Broderick, Brent M Kissela, Dawn O Kleinfelder, Univ of Cincinnati, Cincinnati, OH
Poster Board Number MP56 / Presentation Number WMP56
Genetics of Acute Ischemic Lesion Volume: The MIRI-genetics Interface Exploration (MIRI-GENE) Study
Anne-Katrin Giese, Massachusetts General Hospital, Broad Inst of MIT and Harvard, Boston, MA; Huichun Xu, Univ of Maryland Sch of Med, Baltimore, MD; Markus D Schirmer, Massachusetts General Hospital, Massachusetts Inst of Technology, German Ctr for Neurodegenerative Diseases (DZNE), Boston, MA; Kathleen L Donahue, Massachusetts General Hospital, Boston, MA; Adrian V Dalca, Massachusetts Inst of Technology, Cambridge, MA; Brady J Gaynor, 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, Univ Autonoma de Barcelona, Barcelona, Spain; Christina Jern, Sahlgrenska Acad at Univ of Gothenburg, Gothenburg, Sweden; Brent M Kissela, Dawn O Kleinfelder, Univ of Cincinnati Coll of Med, Cincinnati, OH; Robin Lemmens, KU - Univ of Leuven, Leuven, Belgium; Arne Lindgren, Lund Univ, Skåne Univ Hosp, Lund, Sweden; Tatjana Rundek, Ralph L Sacco, Univ of Miami, Miller Sch of Med, Miami, FL; Reinhold Schmidt, Med Univ Graz, Graz, Austria; Pankaj Sharma, Royal Holloway Univ of London, Ashford and St Peter’s Hosp, Egham, United Kingdom; Agnieszka Slowik, Jagiellonian Univ Med Coll, Krakow, Poland; Vincent Thijs, Melbourne Brain Ctr, Florey Inst of Neuroscience and Mental Health, Heidelberg, Australia; Daniel Woo, Univ of Cincinnati Coll of Med, Cincinnati, OH; Bradford B Worrell, Univ of Virginia, Charlottesville, Charlottesville, VA; Steven J Ktitzer, Univ of Maryland Sch of Med and Veterans Affairs Maryland Health Care System, Baltimore, MD; James F Meschia, Mayo Clinic, Jacksonville, FL; Jonathan Rosand, Massachusetts Inst of Technology, Broad Inst of MIT and Harvard, Boston, MA; Polina Golland, Massachusetts Inst of Technology, Cambridge, MA; Braxton D Mitchell, Univ of Maryland Sch of Med, Veterans Admin Med Ctr, Baltimore, MD; Ora Wu, Natalia S Rost, Massachusetts General Hospital, Boston, MA
Poster Board Number MP58 / Presentation Number WMP58
Ambulatory Care for Secondary Prevention of Stroke in Rural Urban Areas in Ontario, Canada
Geevurtha Jayakumar, Inst for Clinical Evaluative Sciences, Toronto, ON, Canada; Jack V Tu, Peter C Austin, Ruth Hall, Univ of Toronto, Toronto, ON, Canada; Anna Chu, Anan K Yuan, Inst for Clinical Evaluative Sciences, Toronto, ON, Canada; Karen A Gross, Queen’s Univ, Kingston, ON, Canada; Cally Martin, Kingston Health Sciences Ctr, Kingston, ON, Canada; Douglas Manuel, Ottawa Hosp Res Inst, Ottawa, ON, Canada; Frank L Silver, Rick Swartz, Moira K Kapral, Univ of Toronto, Toronto, ON, Canada
Poster Board Number MP59 / Presentation Number WMP59
Sleep Apnea Is Associated with the Combined Endpoint of Recurrent Stroke and Post-stroke Mortality
Devin L Brown, Chengwei Li, Ronald Chervin, Erin Case, Nelda Garcia, Lewis Morgenstern, Lynda Libesh, Univ of Michigan, Ann Arbor, MI
Poster Board Number MP60 / Presentation Number WMP60
Serial Body Temperature Evaluation and Long-term Clinical Outcomes in Stroke
Emily Margolin, Univ of Southern California, Los Angeles, CA; Jeffrey L Saver, Sidney Starkman, UCLA Stroke Ctr, Los Angeles, CA; David S Liebeskind, Neurovascular Imaging Res Cora, Los Angeles, CA; Scott Hamilton, Stanford Univ, Palo Alto, CA; Naseres Sanossian, Univ of Southern California, Los Angeles, CA; FAST-MAG Investigators and Coordinators

SECTION 6

Moderator: Masatoshi Koga, MD, Suitsa Osaka, Japan
Poster Board Number MP61 / Presentation Number WMP61
Predictors of Diagnostic Yield of Implanted Loop Recorder in Patients with Cryptogenic Stroke: A Systematic Review and meta-analysis
Udit B Bhatnagar, Prince Sethi, Maheshdarthi Gedela, Paul A Thompson, Roman Pham, Scott Pham, Univ of South Dakota, Sioux Falls, SD
Poster Board Number MP62 / Presentation Number WMP62
Remote Home Monitoring of Risk Factors After Stroke or TIA to Improve Secondary Prevention – A Pilot Study
Petra Ijas, Laura Mäkitie, Satu Kivelä, Taina Wahlman-Muranen, Helsinki Univ Hosp, Helsinki, Finland; Niko Kuikonen, Nokia Technologies, Espoo, Finland; Petri Selenon, Vili Stibr, Antero Taivalsaari, Nokia Technologies, Tampere, Finland; Lea Myyryläinen, Osako Koskimies, Nokia Technologies, Espoo, Finland; Mauri Honkanen, Nokia Technologies, Tampere, Finland; Nina Fors, Helsinki Univ Hosp, Helsinki, Finland
Poster Board Number MP63 / Presentation Number WMP63
Neuroimaging Findings and Incidence of Atrial Fibrillation on Follow-up in Patients with Embolic Stroke of Undetermined Source
Maria C ZurrU, Natalia Balian, Claudia Alonso, Laura Brescacin, Santiago PigrettI, Pedro Collado Machado, Ariel Luzzi, Luis Camera, Gabriel Waisman, Hosp Italiano, Buenos Aires, Argentina
Poster Board Number MP64 / Presentation Number WMP64
Atrial Dysfunction Markers Predicted AF in Elderly Cryptogenic Stroke Patients
Jorge Pagola, Jesus Juega, Stroke Unit Vall de Hebron Hosp, Barcelona, Spain; Alejandro Bustamante, Anna Perella, Fundacio Recerca Vall D Hebron, Barcelona, Spain; Borja Gonzalez, Nuovo Company, Valencia, Spain; Francisco Moniche, Irene Escudero-Martinez, Hosp Virgen del Rocio, Sevilla, Spain; Reyes de Torres, Hosp Virgen Macarena, Sevilla, Spain; Juan Antonio Cabezas, Hosp Virgen del Rocio, Sevilla, Spain; Juan Francisco Arenillas, Maria Usero, Mercedes De Lara, Hosp Clinico Valladolid, Valladolid, Spain; Joan Montaner, Fundacio Recerca Vall D Hebron, Barcelona, Spain; Carlos Molina, Stroke Unit Vall d’Hebron Hosp, Barcelona, Spain
Poster Board Number MP65 / Presentation Number WMP65
Left Atrial Enlargement Without Atrial Fibrillation: A Risk Factor for Ischemic Stroke?
Omar Saeed, Muhammad A Saleem, Zeenat Qureshi Stroke Inst, St Cloud, MN; Shawn S Walley, Mercy Health Rockford, Rockford, IL; Adrian I Qureshi, Zeenat Qureshi Stroke Inst, St Cloud, MN
Poster Board Number MP66 / Presentation Number WMP66
Infection and Coagulopathy in Left Ventricular Assist Device (LVAD) – Associated Intracranial Hemorrhage: A Case-crossword Study
Sung-Min Cho, Johns Hopkins Univ, Baltimore, MD; Tiffany Lee, Cleveland Clinic, Cleveland, OH; Randall Starling, Kaufman Ctr for Heart Failure and Heart and Vascular Inst, Cleveland Clinic, Cleveland, OH; Ken Uchino, Cleveland Clinic, Cleveland, OH
Poster Board Number MP67 / Presentation Number WMP67
Arterial Velocity on Carotid Ultrasound Can Predict the Stenosis Progression in Patients with Vertebro-basilar Dissection
Shinichir Verada, Masatoshi Koga, Yuki Nakamura, Naoki Makita, Tohihiro Ide, Yoshitaka Yagamuchi, Masafumi Iiura, Kazuori Toya, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan
Poster Board Number MP68 / Presentation Number WMP68
Clinical and Radiological Characteristics of Intracranial Artery Dissection Using Recently Proposed Diagnostic Criteria
Yuki Nakamura, Yoshitaka Yagamuchi, Masatoshi Koga, Yoshiaki Morita, Naoki Makita, Tohihiro Ide, Shinichi Wada, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan; Shun Shimohama, Sapporo Med Univ, Sapporo, Japan; Masafumi Iiura, Kazuori Toya, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan
Poster Board Number MP69 / Presentation Number WMP69
Imaging Analysis to Assess Stroke Mechanism in Aortic Dissection
Ericka Samanta Teleg, Bipiy Meon, Jehagangir Appoo, Akash Fichiday, Fady Mina, Alex Gregory, Univ of Calgary, Calgary, AB, Canada
Poster Board Number MP70 / Presentation Number WMP70
Yield of Screening Tests for Systemic Vasculitis in Ischemic Stroke in Young Adults
Cindy L Ron, Joungho Rha, Hee-Kwon Park, Inha Univ Sch of Med, Incheon, Korea, Republic of
Poster Board Number MP71 / Presentation Number WMP71
The "Three Territory Sign": An Under-recognized Radiographic Marker of Malignancy-related Ischemic Stroke
Amre M Moh, Hartford Hosp Univ of CT, Hartford, CT; Ilene Staff, Pasquale Finelli, Hartford Hosp, Hartford, CT

Diagnosis of Stroke Etiology Moderated Poster Tour
WMP61 – WMP72

Poster Board Number MP72 / Presentation Number WMP72
Using Machine Learning to Classify Ischemic Stroke Subtype from Electronic Health Records
Ravi P Garg, Elissa Oh, Marc B Rosenman, Andrew M Naidech, Northwestern Univ, Chicago, IL; Konrad P Kording, Univ of Pennsylvania, Philadelphia, PA; Shyam Prabhakaran, Northwestern Univ, Chicago, IL
Poster Board Number MP110 / Presentation Number WMP110
Building Successful Hospital-community Networks for Stroke Survivors and Their Family Caregivers
Barbara J Lutz, UNC-Wilmington, Wilmington, NC; Sabina B Gesell, Sylvia W Coleman, Mysia E Slesine, Wake Forest Sch of Med, Winston-Salem, NC; Blair Barton-Perry, Area Agency on Aging at Piedmont Triad Regional Council, Kernersville, NC; Doyle M Cummings, East Carolina Univ, Greenville, NC; Laurie H Mettam, Jacqueline R Halladay, Univ of North Carolina, Chapel Hill, NC; Pamela W Duncan, Wake Forest Sch of Med, Winston-Salem, NC

Poster Board Number MP111 / Presentation Number WMP111
Assessing Caregiver Commitment and Capacity
Michelle Camicia, Kaiser Permanente-Rehabilitation Ctr, Betty Irene Moore Sch of Nursing, Univ of California Davis, Vallejo, CA; Barbara Lutz, Univ of North Carolina-Wilmington, Wilmington, NC; Christiana Drake, Univ of California Davis, Davis, CA; Katherine K Kim, Theresa Harvath, Jill G Joseph, Betty Irene Moore Sch of Nursing, Univ of California Davis, Sacramento, CA

Poster Board Number MP112 / Presentation Number WMP112
A 3-step Process Improves the Performance of Dysphagia Screens and Reduces Aspiration Pneumonia Rates Among Stroke Inpatients
Laura Beth Durm, Julie Bonner, Ellen Meyer, Cyndy Brasheer, Stuart Schleuse, Ellen Stewart, Debbie Sinsley, Jan Humphrey, Lisa Reif, Sarah Omess, Cielcilia Baumgartner, Elizabeth Danaie, Mathu Kumarasamy, Fadi Nahab, Emory Univ Hosp, Atlanta, GA

Poster Board Number MP113 / Presentation Number WMP113
Translational Evaluation of Acid/Base and Electrolyte Alterations in Acute Large Vessel Stroke
Sarah R Martha, Lisa Collier, Stephanie M Davis, Abdulnasser Alhajeri, Stephen Grupke, Justin F Fraser, Keith Pennypacker, Univ of Kentucky, Lexington, KY

Poster Board Number MP114 / Presentation Number WMP114
Improving Initiation Time and Frequency of Patient and Family Stroke Education
Heather L Turner, Melinda May-Cowgill, Dea Mahanes, Beth Hundt, Univ of Virginia Med Ctr, Charlottesville, VA

Poster Board Number MP115 / Presentation Number WMP115
Acid-sensing Ion Channels: Novel Mediator of Cerebrovascular Responses
Frank M Faraci, Rebecca Taugher, Rong Fan, Subhash Gupta, John A Weimie, Univ of Iowa, Iowa City, IA

Poster Board Number MP116 / Presentation Number WMP116
Molecular Signature of Penumbra in Acute Ischemic Stroke: MRI Based Next Generation Sequencing Study
Zurab Nadareishvili, Devon Kelley, Marie Luby, Alexis N Simpkins, Richard Leigh, John K Lynch, Amie W Hsia, Richard T Benson, Kory R Johnson, John M Hallenbeck, Lawrence L Latour, NIAID Inst of Neurological Disorders and Stroke, NIH, Bethesda, MD

Poster Board Number MP117 / Presentation Number WMP117
Perlecan Regulates Pericyte Dynamics in the Repair Process of the Blood-brain Barrier Against Ischemic Stroke
Kuniyuki Nakamura, Tomoko Ikeuchi, Peipei Zhang, Craig Rhodes, Yuta Chiba, NIDCR, NIH, Bethesda, MD; Tetsuro Aoi, Graduate Sch of Med Sciences, Kyushu Univ, Fukuoka, Japan; Yoh-suke Mukouyama, NHLBI, NIH, Bethesda, MD; Yoshihiko Yamada, NIDCR, NIH, Bethesda, MD

Poster Board Number MP118 / Presentation Number WMP118
Neuroprotective Effects of IGF1 on Brain Microvascular Endothelial Cells Under Ischemic Conditions Can Be Replicated by Antagomirs to MicroRNA(Mir-92b) and Mir33a
Shameena Bake, Texas A&M Health Science Ctr, Bryan, TX; Homa Khorosvanihadi-kolaei, Texas A&M Univ, College Station, TX; Farida Sohrabji, Texas A&M Health Science Ctr, Bryan, TX

Poster Board Number MP119 / Presentation Number WMP119
Neurovascular Unit Protection Using Nitrooxide Radicals-containing Nanoparticles (TEMPO-RNP) for Cerebral Ischemia-reperfusion Injury in Mice
Hisayuki Sode, Aki Maruishi, Yukio Nagasaki, Univ of Tsukuba, Tsukuba, Ibaraki, Japan; Aki Hiraishia, Tsukuba Univ of Technology, Tsukuba, Ibaraki, Japan; Hiromu Ito, Fukuoka Univ, Fukuoka, Japan; Tomoko Ikeuchi, Peipei Zhang, Craig Rhodes, Yuta Chiba, NIDCR, NIH, Bethesda, MD; Tetsuro Aoi, Graduate Sch of Med Sciences, Kyushu Univ, Fukuoka, Japan; Yoshihiko Yamada, NIDCR, NIH, Bethesda, MD

Poster Board Number MP120 / Presentation Number WMP120
Critical Role of RGS5 in Modulating Blood-brain Barrier Integrity During Focal Cerebral Ischemia
Nikola Sladojevic, James K Liao, Univ of Chicago, Chicago, IL
Poster Board Number P1 / Presentation Number WP1
Intravenous Cangrelor as a Rescue Platelet Inhibitor for Emergent Stenting in Ischemic and Hemorrhagic Stroke
Mikayel Grigoryan, Yaser Badi, Michelle Joscan, Angela Ayala, Lance Lee, Adventist Health Glendale Comprehensive Stroke Ctr, Glendale, CA

Poster Board Number P2 / Presentation Number WP2
Trends of Endovascular Treatment in Cerebral Venous Thrombosis: Estimations from Nationwide Inpatient Sample
Fazeel M Siddiqui, Matthew Weber, Southern Illinois Univ, Springfield, IL; Sudeepa Dandapat, Nazan Aksan, Univ of Iowa, Iowa City, IA; Steve Scaife, Southern Illinois Univ, Springfield, IL; Santiago Ortega-Gutierrez, Nazan Aksan, Univ of Iowa, Iowa City, IA; Jonathan Coutinho, Academic Med Ctr, Amsterdam, Netherlands

Poster Board Number P3 / Presentation Number WP3
Cerebral Venous Sinus Thrombosis: Clinical Outcomes in Medical Management and Mechanical Thrombectomy
Quang D Vu, Bryan J Netl, Amy K Guzik, Wake Forest Baptist Health, Winston-Salem, NC

Poster Board Number P4 / Presentation Number WP4
Age and NIHSS Score Predict Outcome in Patients with Mild Stroke and Proximal Large Vessel Occlusion
Priya Narwal, Shadi Yaghhi, Ryan A McCaggart, Morgan Hemendinger, Karen Furié, Mahesh V Jayaraman, Shawnna Cutting, Rhode Island Hosp/Brown Univ, Providence, RI

Poster Board Number P5 / Presentation Number WP5
Reperfusion Reduces Brain Edema in Patients with Acute Ischemic Stroke – A MR CLEAN Substudy
W Taylor Kimberly, Massachusetts General Hosp, Boston, MA; Bruna G Dutra, Anna M Boers, Heitor C Alves, Oliver A Berkhemer, Lucie van den Berg, Academic Med Ctr, Amsterdam, Netherlands; Kevin N Sheth, Yale New Haven Hosp, New Haven, CT; Yvo B Roos, Academic Med Ctr, Amsterdam, Netherlands; Aad van der Lugt, Erasmus Med Ctr, Rotterdam, Netherlands; Ludo F Beenen, Academic Med Ctr, Amsterdam, Netherlands; Diederik W Dippel, Erasmus Med Ctr, Rotterdam, Netherlands; Wim H van Zwan, Maastricht Univ Med Ctr, Maastricht, Netherlands; Robert J van Oostende Brugg, Maastricht Univ Med Ctr, Maastricht, Netherlands; Hester F Lingsma, Erasmus Med Ctr, Rotterdam, Netherlands; Henk Marquering, Charles B Majope, Academic Med Ctr, Amsterdam, Netherlands; on behalf of the MR CLEAN Investigators.

Poster Board Number P6 / Presentation Number WP6
Predictors of Acute Neurological Worsening in Ischemic Stroke After Endovascular Thrombectomy
Jazba Soomro, Liang Zhu, Amrou Sarraj, Univ of Texas Health Sciences, Houston, TX

Poster Board Number P8 / Presentation Number WP8
Global Real World Evidence of Balloon Guided Stent Retriever Thrombectomy
Hormoz Borzorgchami, Ryan Priest, Oregon Health and Sciences Univ, Portland, OR; Erol Veznedaroglu, Drexel Neurovascular, Philadelphia, PA; David Liebeskind, Neurovascular Imaging Res Core, Los Angeles, CA; Ronald Budzik, Riverside Methodist Hosp/Ohio Health Res Inst, Columbus, OH; Blaise Baxter, Erlanger, Chattanooga, TN; Bruno Barbolini, La Pitie Salpetriere, Paris, France; Ryan Shields, Stryker Neurovascular, Fremont, CA; Antonia Krajina, Univ Hosp Hradec Kralove, Hradec Kralove, Czech Republic; Amrou Sarraj, Memorial Hermann Hosp, Houston, TX; Rishi Gupta, Wellstar Health System, Atlanta, GA; Raul Nogueira, Grady Memorial Hosp/Emory Univ, Atlanta, GA; Ali Malek, St Mary’s Med Ctr, West Palm Beach, FL; Joey English, California Pacific Med Ctr, San Francisco, CA; Trevo Retriever Registry Investigators; Masahiro Horikawa, Oregon Health and Sciences Univ, Portland, OR

Poster Board Number P9 / Presentation Number WP9
Direct Aspiration (ADAPT) and Primary Stent Retriever Thrombectomy for Acute Ischemic Stroke: A Systematic Review of Radiographic and Clinical Outcomes in 3339 Patients
Christopher T Primiani, Maxim Mokin, Univ of South Florida, Tampa, FL; Adrian H Siddiqui, Univ at Buffalo, Buffalo, NY; Aquila S Turk, Med Univ of South Carolina, Charleston, SC; Eldad I Levy, Univ at Buffalo, Buffalo, NY; Italo Linfante, Miami Cardiac and Vascular Inst, Baptist Hosp, Miami, FL

Poster Board Number P10 / Presentation Number WP10
Risk of Hemorrhagic Transformation in Large Vessel Anterior Circulation Stroke Patients Receiving Emergent Carotid Stenting with Mechanical Thrombectomy
Tapan Mehta, Univ of Minnesota, Minneapolis, MN; Subhendu Rath, Univ of Connecticut, Farmington, CT; Dimitri Metzchev, Univ of Texas Med Ctr, Houston, TX; Mohammed Hussain, Hartford Hosp, Hartford, CT; Gary Spiegel, Louise McCullough, Univ of Texas Med Ctr, Houston, TX; Martin Ollenschlager, Hartford Hosp, Hartford, CT
Poster Board Number P53 / Presentation Number WP53
Improved Prediction of the Final Infarct from Acute Stroke Neuroimaging Using Deep Learning
Yilin Niu, Taichung Univ, Beijing, China; Enhao Gong, Stanford Univ, Stanford, CA; Junshen Xu, Taichung Univ, Beijing, China; John Paulu, Greg Zaharchuk, Stanford Univ, Stanford, CA

Poster Board Number P54 / Presentation Number WP54
Early Alterations in Neurite Orientation Dispersion and Density After Acute Ischemic Stroke
Ona Wu, Mark R Etherton, Arne Lauer, Greigore Boulouis, Anne-Katrin Giese, Brittany B Mills, Lisa Cloonan, Kathleen L Donahue, William A Copen, Pamela W Schafer, Natalia S Rost, Massachusetts General Hosp, Boston, MA

Poster Board Number P55 / Presentation Number WP55
Low Predictive Value of Multiphase CT Angiography for CT Perfusion Defined Ischemic Penumbra
Robert Wannamaker, Harsha Jayaprakash, Jeremy Rempel, Brian Buck, Jayme Kosior, Kenneth Butcher, Univ of Alberta, Edmonton, AB, Canada

Poster Board Number P56 / Presentation Number WP56
Imaging Intra-carotid Thrombosis Using Near Infrared Fluorescent-NanoDiamond Bio-engineered with the Disintegrin Bitstatin
Frank C Barone, SUNY Downstate Med Ctr, Brooklyn, NY; Jonathan A Gerstenhaber, Czarcy Marcinkiewicz, Temple Univ, Philadelphia, PA; Jie Li, SUNY Downstate Med Ctr, Brooklyn, NY; Peter I Leikes, Temple Univ, Philadelphia, PA; Mark Sternberg, Giora Z Feuerstein, Debinia Diagnostics Inc, Newington, GA

Poster Board Number P57 / Presentation Number WP57
Prevalence of CTA Spot Sign in Intraventricular Hemorrhage
Omar Hussein, Khalid Sawalha, Mohammad Hamed, Archana Hinduja, Ohio State Univ Wexner Med Ctr, Columbus, OH

Poster Board Number P58 / Presentation Number WP58
Enhancement of Acute Stroke Lesions on Non-contrast CT Using Relative Signal Intensity Maps
Aditya Srivatsan, Soren Christensen, Maarten G Lansberg, Stanford Univ, Palo Alto, CA

Poster Board Number P59 / Presentation Number WP59
A Clot Burden Score Predicts Functional Outcome and Neurological Complications After Cerebral Venous Sinus Thrombosis

Poster Board Number P60 / Presentation Number WP60
Kernel Spectral Regression and Neural Networks Enable Regional Detection of Hemorrhagic Transformation on Multi-modal MRI for Acute Ischemic Stroke
Samanta J Ma, Univ of Southern California, Los Angeles, CA; Songlin Yu, Beijing Tiantan Hosp, Beijing, China; David S Liebeskind, Univ of California, Los Angeles, Los Angeles, CA; Lirong Yan, Danny JJ Wang, Univ of California, Los Angeles, CA; Fabien Scalzo, Univ of California, Los Angeles, Los Angeles, CA

Poster Board Number P61 / Presentation Number WP61
Automated Large Artery Occlusion Detection in Stroke Imaging – ALADIN Study
Clara M Barreira, Mehdi Bouslama, Diogo C Haussen, Jonathan A Grossberg, Emory Sch of Med, Atlanta, GA; Blaise Baxter, Univ of Tennessee Coll of Med Chattanooga, Chattanooga, TN; Thomas Devlin, Univ of Tennessee Coll of Med, Chattanooga, TN; Michael Frankel, Raul G Nousgire, Emory Sch of Med, Atlanta, GA

Poster Board Number P62 / Presentation Number WP62
 Favorable Clot Characteristics Predict Smaller Infarct Volume in Acute Ischemic Stroke Patients Treated with Reperfusion Therapy
Abdulaziz S Al Sultan, Univ of Calgary - Foothills Med Ctr, Calgary, AB, Canada; Fahad S Al-Alij, King Faisal Specialist Hosp & Res Ctr, Riyadh, Saudi Arabia; Mohammed Najm, Colin Casault, Anneliese Neweduk, Markenzie Horn, Univ of Calgary - Foothills Med Ctr, Calgary, AB, Canada; Thalia S Feild, Univ of British Columbia, Vancouver, BC, Canada; Josep Puig, Mar Castellanos, Inst de Diagnostic per la Imatge (IDi) Girona, Girona, Spain; Dar Dowlatshahi, Univ of Ottawa, Ottawa, ON, Canada; Sung-H Sohn, Keimyung Univ, Daegu, Korea, Republic of; Seong H Ahn, Chosun Univ Sch of Med, Dae-gu, GwangJu, Korea, Republic of; Alex Poppe, U of Montreal, Montreal, QC, Canada; Robert Mikulik, St Anne's Univ Hosp, Calgary, AB, Canada; Negar Asdaghi, UBC, Vancouver, BC, Canada; Jean-Martin Boulanger, Hôpital Charles Lemoyne, Univ of Sherbrooke, Sherbrooke, QC, Canada; Talip Asil, Trakya Univ, Edirne, Trakya, Turkey; Ana I Calejia, Hosp Clinico Univirio, Avda, Valladolid, Spain; Mayank Goyal, Michael D Hill, Andrew M Demchuk, Bijoy K Menon, Univ of Calgary - Foothills Med Ctr, Calgary, AB, Canada

Poster Board Number P63 / Presentation Number WP63
Global Cerebral Edema Is Associated with Worse Outcomes in Patients with Cerebral Venous Sinus Thrombosis

Poster Board Number P64 / Presentation Number WP64
Ultra-early treatment with IV tPA for Large Artery Occlusion Improves Recanalization Rates and Clinical Outcomes
Rodica Di Lorenzo, Lila Sheikhi, Payal Patel, Cleveland Clinic Fdn, Cleveland, OH; Megan Donohue, Intermountain Med Ctr, Murray, UT; Dolora Wisco, Ken Uchino, Shazam M Hussain, Cleveland Clinic Fdn, Cleveland, OH

Poster Board Number P65 / Presentation Number WP65
Higher Glucose Level Associated with Unfavorable Outcome in Acute Minor Ischemic Stroke After Thrombolytic Therapy
Fang Jiang, Qian Zhang, Wenbo Zhao, Ruizhen Che, Xiaoxin Huang, Kai Dong, Qingfeng Ma, Haiqing Song, Jiaping Ding, Xuanwu Hospital, Beijing, China; Wuwei Feng, Bruce Obviagile, Med Univ of South Carolina, Charleston, SC; Xuming Ji, Xuanwu Hospital, Beijing, China

Poster Board Number P66 / Presentation Number WP66
Antiocoagulant Use Is Not Associated with Higher Post tPA Hemorrhagic Conversion
Abhishek Lunagariya, Univ of California San Diego, San Diego, CA; Achint Patel, Icahn Sch of Med at Mount Sinai, New York, NY; Shavan Dalal, UF Health Jacksonville, Jacksonville, FL; Vishal Jami, Creighton Univ/CH Health, Omaha, NE; Nandakumar Nagaraja, Univ of Florida Coll of Med, Gainesville, FL; Branko Huisa, Thomas Hemmen, Univ of California San Diego, San Diego, CA

Poster Board Number P67 / Presentation Number WP67
Outcomes in the Elderly Post-alteplase Treatment in a Community Setting
Mal N Nguyen Huynh, Meghan Hatfield, Kaiser Div of Res, Oakland, CA; Jeffrey Klingman, Kaiser Permanente Northern California, Walnut Creek, CA

Poster Board Number P68 / Presentation Number WP68
Xiaoemng Xu, Dept of Neurology, Jinling Hosp, Med Sch of Nanjing Univ, Nanjing, China; Daren Wang, Dept of Neurology, West China Hosp, Sichuan Univ, Chengdu, China; Fang Wang, Xinfeng Liu, Dept of Neurology, Jinling Hosp, Med Sch of Nanjing Univ, Nanjing, China; Majdly Selim, Stroke Div, Dept of Neurology, Beth Israel Deaconess Med Ctr, Harvard Med Sch, Boston, MA

Poster Board Number P69 / Presentation Number WP69
Guideline-based Intravenous rPA for Central Retinal Artery Occlusion: A Case Series and Systematic Review
Mohammed Akwaiwati, Connie Bongiorno, Univ of Minnesota, Minneapolis, MN; Kevin Engel, Hennepin County Med Ctr, Minneapolis, MN; Shailesh Male, Univ of Minnesota, Minneapolis, MN; Christopher Logue, Hennepin County Med Ctr, Minneapolis, MN; Benjamin Miller, Rwoof A Reahi, David Anderson, Univ of Minnesota, Minneapolis, MN; Victor Urrutia, The Johns Hopkins Hosp, Baltimore, MD; Christoph Streib, Univ of Minnesota, Minneapolis, MN

Poster Board Number P70 / Presentation Number WP70
Aptamer Inhibition of Von Willebrand Factor Ameliorates Ischemic Stroke Burden in a Murine Model of Thromboembolic Stroke
David L Dornbos III, Debra G Wheeler, Hallie Harris, Surya Gnyawali, Allyson Huttinger, Spencer Taliento, Nicholas Venetos, Nicholas Musgrave, Cheyenne Jones, Jenna Wilson, Camille Bratton, Kendyl Carlisle, Jay L Zweier, Chandan K Sen, Cameron Rink, Shahid M Nimjee, The Ohio State Univ, Columbus, OH
Poster Board Number P115 / Presentation Number WP115
Risk Factors for Stroke After Kidney Transplantation
Ekamol Tanitsattamo, Oakland Univ William Beaumont Sch of Med, Royal Oak, MI; Possawat Vuthikraivit, Piramongkudthai Coll of Med, Bangkok, Thailand; Praveen Rattanarimetha, Texas Tech Univ Health Sciences Ctr, Lubbock, TX

Poster Board Number P116 / Presentation Number WP116
The Prevalence of RNF213 path4810K Variant Is High in Juvenile-Onset Stroke Patients with Intracranial Arterial Stenosis
Teppei Kamiyama, Shuhei Okazaki, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan; Takaaki Morimoto, Hasato Kobayashi, Kouji Harada, Graduate Sch of Med, Kyoto Univ, Kyoto, Japan; Tsutomu Tomita, Aya Higashiyama, Jun C Takahashi, Joji Nakagawara, Kazunori Toyoda, NTT Cerebral and Cardiovascular Ctr, Osaka, Japan; Akio Kozum, Graduate Sch of Med, Kyoto Univ, Kyoto, Japan; Masafumi Iihara, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan

Poster Board Number P117 / Presentation Number WP117
Neurophysiological Detection of Stroke and Large Vessel Occlusions (LVOs) Habibullah Ziaee, Babak Zakeri Shahrak, Lawrence Wechsler, Univ of Pittsburgh Sch of Med, Pittsburgh, PA; Muhammad Abi, Jay Sherman, West Virginia Univ Sch of Med, Morgantown, WV; Matt R Kesinger, Forest Devices, Pittsburgh, PA; Ashutosh Jadhav, Univ of Pittsburgh Sch of Med, Pittsburgh, PA

Poster Board Number P118 / Presentation Number WP118
Incidences and Management of Re-stenosis in Patients Stented for Intracranial Atherosclerotic Disease: A Consecutive Series of 226 Patients Michael J Alexander, Zachary Barnard, Michael Schiraldi, Cedars-Sinai Med Ctr, Los Angeles, CA

Poster Board Number P119 / Presentation Number WP119
Leukoaraiosis Attenuates Diagnostic Accuracy of Large Vessel Occlusion Scale

Poster Board Number P120 / Presentation Number WP120
Long-term Survival of Carotid Endarterectomy and Carotid Artery Stenting in Japanese Population Kohikichi Hosoda, Nishi Kobe Med Ctr, Kobe, Japan; Atsushi Fujita, Masaaki Kohta, Hidehito Kimura, Taichiro Imahori, Jun Tanaka, Eiji Kohmura, Kobe Univ Grad Sch Med, Kobe, Japan

Poster Board Number P121 / Presentation Number WP121
One-year Risk of Recurrent Stroke Associated with Vertebral and Basilar Artery Stenosis and Occlusion in a Cohort of 10,515 Ischemic Stroke Patients Adnan Qureshi, Musthag Qureshi, Univ of Minnesota, Minneapolis, MN; Jian-Shing Jeng, Nati Taiwan Univ Hosp, Taiwan, Taiwan; Li-Ming Lien, Shin Kong WHS Memorial Hosp, Taiwan, Taiwan; Chao-Jong Hua, Taipe Med Univ, Shuang Ho Hosp, Taiwan, Taiwan; Chao-Ray Lee, Tri-Service General Hosp, Taiwan, Taiwan; Tai-Chang Lai, China Med Univ, Taichung, Taiwan; Chih-Hung Chen, Nati Cheng Kung Univ Hosp, Taiwan, Taiwan; Po-Lin Chen, Taichung Veterans General Hosp, Taiwan, Taiwan; Tsang-Shan Chen, Nati Taiwan Univ Hosp, Taiwan, Taiwan; Chou-Yuan Li, E-Da Hosp, Taiwan, Taiwan; Cheng-Lin Lin, China Med Univ Hosp, Taiwan, Taiwan; Chung Hsu, China Med Univ, Taichung, Taiwan

Poster Board Number P122 / Presentation Number WP122
A Serial Study of Carotid Wall
Tao Yang, Kazumichi Yoshida, Dept of Neurosurgery, Kyoto Univ, Kyoto, Japan; Yasutaka Fushimi, Dept of Diagnostic Imaging and Nuclear Med, Kyoto Univ Graduate Sch of Med, Kyoto, Japan; Yu Yamamoto, Akira Ishii, Yasushi Takagi, Susumu Miyamoto, Dept of Neurosurgery, Kyoto Univ, Kyoto, Japan

Poster Board Number P123 / Presentation Number WP123
Timing and Risk Factors for Restenosis Following Carotid Endarterectomy and Angioplasty with Stenting
Alex M Witte, Benjamin A Howie, Gabor Toth, Cleveland Clinic, Cleveland, OH

Poster Board Number P124 / Presentation Number WP124
Comparison of Stent Placement with Best Medical Treatment in Patients with Vertebral Artery Stenosis: A Meta-analysis of Randomized and Non-randomized Studies
Abhi Pandhi, Univ of Pennsylvania, Memphis, TN; Ammad Ishfaq, Zeenat Qureshi Stroke Institute, St Cloud, MN; Muhammad Fawad Ishfaq, Univ of Tennessee, Memphis, TN; Sunday I Ahmed, Shifa Coll of Med, Islamabad, Pakistan; Aman Deep, Sadan Singh, Univ of Tennessee, Memphis, TN; Adnan I Qureshi, Zeenat Qureshi Stroke Inst, Rockford, IL

Poster Board Number P125 / Presentation Number WP125
Pathologic Changes in Carotid Artery Lesions in Relation with Intensity of Statins Therapy
Guido Vázquez, Juan B Couto, Alejandro Thomson, Carlos S Claverie, Hector Rafeaelli, Eduardo Dulbecco, Carlos A Vigiliano, Francisco R Klein, Favaloro Fdn, Buenos Aires, Argentina

Poster Board Number P126 / Presentation Number WP126
Profile of Reticulated Platelets and Red Cell Reticulocytes in Patients with Recently Symptomatic versus Asymptomatic Carotid Stenosis
Stephen Murphy, Soon Tjin Lim, The Adelaide and Meath Hosp, Dublin, incorporating the Nati Children's Hosp (AMNCH), Dublin, Ireland; Justin Kinsella, St Vincent's Univ Hosp, Univ Coll Dublin, Dublin, Ireland; Helen Enright, Dympna Murphy, Sean Tierney, Bridget Egan, Martin Feeley, Sinead Murphy, Richard Walsh, Ronan Collins, Tara Coughlan, Desmond O'Neill, The Adelaide and Meath Hosp, Dublin, incorporating the Nati Children's Hosp (AMNCH), Dublin, Ireland; Joseph Harbison, Prakash Madhavan, Sean O'Neill, Mary Pat Colgan, St James Hosp, Trinity Coll Dublin, Ireland, Dublin, Ireland; Dermot Cox, Niamh Moran, Royal Coll of Surgeons in Ireland, Dublin, Ireland; George Hamilton, Univ Dept of Surgery, Royal Free Hampstead NHS Trust, London, London, United Kingdom; Dominick McCabe, The Adelaide and Meath Hosp, Dublin, incorporating the Nati Children's Hosp (AMNCH), Dublin, Ireland

Poster Board Number P127 / Presentation Number WP127
Effects of EDAS Revascularization and Intensive Medical Management on the Cognitive Function of Patients with Intracranial Atherosclerosis Nestor R Gonzalez, Zachary Barnard, Cedin-Sinai Med Ctr, Los Angeles, CA; Hae Jiang, Zhejiang Univ, Hangzhou, China; Florian Kurth, Patrick D Lyden, Conrad H Schlick, Shio Song, Cedars-Sinai Med Ctr, Los Angeles, CA; Raymond Liu, Stanford Univ, Palo Alto, CA; Michael Alexander, Wouter Schweijkink, Cedars-Sinai Med Ctr, Los Angeles, CA; Jeffrey L Saver, UCLA, Los Angeles, CA

Poster Board Number P128 / Presentation Number WP128
A Long Term Treatment Outcomes of Middle Cerebral Artery Stenosis Patients Treated with Medical Therapy
Ichiyo Yuki, Toshihiro Ishibashi, Ayako Ikemura, Yuki Abe, Issel Kato, Shouko Kako, Kengo Nishimiura, Yuichi Murayama, The Jikei Univ Hosp, Tokyo, Japan

Poster Board Number P129 / Presentation Number WP129
The Yield of Antiplatelet Resistance in Carotid and Vertebral Artery Stenting Marian Muchada Lopez, Neelie Rodriguez, Carla Vert, Manuel Requena, Anna Montoya, David Rodriguez-Luna, Sandra Boned, David Hernandez, Alejandro Tomasillo, Marc Rio, Carlos A Molina, Marta Rubiera, Vall de Hebron Univ Hosp, Barcelona, Spain

Poster Board Number P130 / Presentation Number WP130
Comparison of VerifyNow System and Thrombelastography for Assessing Aspiron Response in Stroke Patients Wan Han, Huilui Lv, Yueyang Hosp of Integrated Traditional Chinese and Western Med, Shanghai Univ of Traditional Chinese Med, Shanghai, China; Zhongqiu Shi, Sch of Life Sciences, Fudan Univ, Shanghai, China; Shuang Li, Spring Biosciences, Fudan Univ, Shanghai, China; Yuqian Liu, Yueyang Hosp of Integrated Traditional Chinese and Western Med, Shanghai Univ of Traditional Chinese Med, Shanghai, China

Poster Board Number P131 / Presentation Number WP131
Repeat Bypass Surgery for Moyamoya Disease Refractory to Previous Surgery Satoshi Kuroda, Hart Uchino, Daino Kashiwazaki, Naoki Akio, Nanay Kuwamaya, Univ of Toyma, Toyama, Japan

Poster Board Number P132 / Presentation Number WP132
Fatal Reversible Cerebral Vasocostriction Syndrome: A Systematic Review of Case Series and Case Reports Hermann F Bayona, Carlos F Martinez, Lina M Góez, Maria C Valencia, Nicole Vargas, Neidy F Guzman, Natalia Ramirez, Laura Serna, Angelica Peña, Maria P Corzo, Fundacion Santa Fe de Bogota, Bogota, Colombia

Poster Board Number P133 / Presentation Number WP133
Intra Cerebral Atherosclerosis Is the Major Risk Factor for Stroke in Post Coronary Artery Bypass Graft Surgery Patients Sai Sandeep Buddh, Ramesh Babu Pothineni, Ramesh Hosp, Vijayawada, India

Poster Board Number P134 / Presentation Number WP134
Quantitatively Monitoring Regression or Progression in Intracranial Atherosclerotic Plaques Using 3D Vessel Wall Imaging and Deep-learning-based Vessel Wall Analysis Chunyang Fan, Qi Yang, Feng Shi, Cedars-Sinai Med Ctr, Los Angeles, CA; Huijuan Miao, Yijiao Yang, Xuanwu Hosp, Beijing, China; Konrad Schlick, Nestor Gonzalez, Marcel May, Cedars-Sinai Med Ctr, Los Angeles, CA; Haiping Song, Xuanwu Hosp, Beijing, China; Debiao Li, Cedars-Sinai Med Ctr, Los Angeles, CA; Xiuhai Guo, Xuanwu Hosp, Beijing, China; Shiee Song, Cedars-Sinai Med Ctr, Los Angeles, CA
Poster Board Number P196 / Presentation Number WP196
Prevalence of Stroke in Argentina: A Population Based Epidemiological Study (EstEPA)

Poster Board Number P197 / Presentation Number WP197
Autonomic Nervous System Parameters to Predict the Occurrence of Ischemic Events After Transient Ischemic Attack or Minor Stroke
Ling Guan, Jean-paul Collet, Garey Mazowita, The Univ of British Columbia, Vancouver, BC, Canada; Victoria Cladyon, Simon Fraser Univ, Burnaby, BC, Canada; Rolfi Brantl, The Univ of British Columbia, Vancouver, BC, Canada

Poster Board Number P198 / Presentation Number WP198
Intracranial Arterial Calcification Predicts Stroke Recurrence: an 11-year Follow-up Study
Xiaohong Wu, Xiang-Yan Chen, Li Wang, Winnie Chiu-Wing Chu, Chinese Univ of Hong Kong, Hong Kong, Hong Kong; Li-Jie Ren, Shenzhen Second People’s Hosp, Shenzhen, China; Ka-Sing Wong, Jill Abrigo, Chinese Univ of Hong Kong, Hong Kong, Hong Kong; Lu Zheng, Chinese Univ of Hong Kong, Hong Kong, Hong Kong; Thomas Wai-Hong Leung, Chinese Univ of Hong Kong, Hong Kong, Hong Kong

Diagnosis of Stroke Etiology Posters I

Poster Board Number P199 / Presentation Number WP199
Left Atrial Volume Index and PR Interval Are Independent Predictors of Atrial Fibrillation in Embolic Stroke Patients with Insertable Cardiac Monitor
Marilou I Ching, Carlos Zhang, Celia Vaughn, Navdeep Lal, Thomas Leahy, Amit Kandel, Christopher Deline, Robert Sawyer, Carina Alfaro Franco, Univ of New York at Buf, East Amherst, NY

Poster Board Number P200 / Presentation Number WP200
Development and validation of a score to detect Paroxysmal Atrial Fibrillation During long-term Holter-monitoring After Acute Ischemic Stroke
Tim O’Brien, Univ Med Ctr of the Johannes Gutenberg Univ Mainz, Mainz, Germany; Mark Weber-Krüger, Univ of Göttingen, Göttingen, Germany; Martin Grond, Kreisklinikum Siegen, Siegen, Germany; Gerrit Toenges, Antje Jahn-Eimermacher, Univ Med Ctr of the Johannes Gutenberg Univ Mainz, Mainz, Germany; Marek Jauss, Hanich Klinikum, Mühlhausen, Germany; Paulus Kirchhof, Univ of Birmingham, Birmingham, United Kingdom; Rolf Wachtler, Univ of Göttingen, Göttingen, Germany; Klaus Gröschel, Univ Med Ctr of the Johannes Gutenberg Univ Mainz, Mainz, Germany

Poster Board Number P201 / Presentation Number WP201
Stroke Patients with Atrial Fibrillation Detected by 72-hour versus Prolonged ECG-monitoring
Mark Weber-Krüger, Univ of Göttingen, Göttingen, Germany; Götz Gelbrich, Univ of Wuerzburg, Wuerzburg, Germany; Jan Liman, Univ of Göttingen, Göttingen, Germany; Gerhard F Hamann, Bezirkskrankenhaus Guenzburg, Guenzburg, Germany; Pawel Kermer, Nordwestkrankenhaus Sanderbusch, Sande, Germany; Klaus Gröschel, Univ of Mainz, Mainz, Germany; Rolf Wachtler, Univ of Leipzig, Leipzig, Germany

Poster Board Number P202 / Presentation Number WP202
A Simple Score That Predicts Paroxysmal Atrial Fibrillation on Outpatient Cardiac Monitoring After Embolic Stroke of Unknown Source
Brittany A Ricci, Andrew D Chang, Morgan Hemendinger, Katarina Dakay, Shashen M Cutting, Tina Burton, Brian MacGrory, Priya Narwal, Nikhil Panda, Antony Chu, Ryan McTaggart, Mahesh Jayaraman, Karen Furie, Shaﬁ Yaghi, Brown Univ, Providence, RI

Poster Board Number P203 / Presentation Number WP203
Left Atrial Appendage Morphology Is Similar in Embolic Stroke of Undetermined Source and Cardioembolic Stroke and Different from Atherothrombotic Subtypes
Shadi Yaghi, Andrew D Chang, Brown Univ, Providence, RI; Peter Hung, Cornell Univ, New York, NY; Brian Mac Grory, Scott Collins, Brown Univ, Providence, RI; Ajay Gupta, Cornell Univ, New York, NY; Jacques Reynolds, Brown Univ, Providence, RI; Caitlin B Finn, Cornell Univ, New York, NY; Morgan Hemendinger, Shawn M Cutting, Ryan A McTaggart, Mahesh Jayaraman, Brown Univ, Providence, RI; Audrey Leasure, Lauren Sansing, Yale Univ, New Haven, CT; Nikhil Panda, Christopher Song, Antony Chu, Brown Univ, Providence, RI; Alexander Merkler, Gino Giadini, Cornell Univ, New York, NY; Kevin N Sheth, Yale Univ, New Haven, CT; Hooman Kamel, Cornell Univ, New York, NY; Mitchell S Elkind, Columbia Univ, New York, NY; David Greer, Boston Univ, Boston, MA; Karen L Furie, Michael Atalay, Brown Univ, Providence, RI

Poster Board Number P204 / Presentation Number WP204
The Advantage of the Routine: Using Conventional Transesophageal Echocardiography in Establishment of Stroke Mechanism
Michelle C Johansen, Nicole L Williams, Rebecca Gottesman, Johns Hopkins Hosp, Baltimore, MD

Poster Board Number P205 / Presentation Number WP205
Left Atrial Size Is Not a Predictor for Detection of Atrial Fibrillation in Cryptogenic Stroke
Guru Ramaiyah, Univ of Toledo, Toledo, OH; Hisham Salahuddin, Univ of Texas, Dallas, TX; Alia Espinosa, Syed Zaidi, Mohammda Jumaa, Gretchen Tietjen, Univ of Toledo, Toledo, OH

Poster Board Number P206 / Presentation Number WP206
Short-term Risk of Ischemic Stroke After Detection of Left Ventricular Thrombus on Cardiac Magnetic Resonance Imaging

Poster Board Number P207 / Presentation Number WP207
Could White Matter Lesion Predict the Risk of Paroxysmal Atrial Fibrillation in Cryptogenic Stroke?
Bo Song, Wenjun Deng, Lindsay Fisher, I-ying Chou, David McMullin, Scott Silverman, Xiaoying Wang, Eng H Lo, Massachusetts General Hosp and Harvard Med Sch, Boston, MA; Yuming Xu, The First Affiliated Hosp of Zhengzhou Univ, Zhengzhou, China; Ferdinand So Buonanno, Mingming Ning, Massachusetts General Hosp and Harvard Med Sch, Boston, MA

Poster Board Number P208 / Presentation Number WP208
Elevated Troponin Levels in Ischemic Stroke Is Independently Associated with Cardioembolism
Shadi Yaghi, Andrew D Chang, Brittany A Ricci, Mahesh V Jayaraman, Ryan A McTaggart, Morgan Hemendinger, Priya Narwal, Katarina Dakay, Brian Mac Grory, Shawn M Cutting, Tina Burton, Christopher Song, Emile Mehanna, Matthew S Siket, Tracy Madsen, Michael Reznik, Brown Univ, Providence, RI; Alexander Merkler, Michael P Lerario, Hooman Kamel, Cornell Univ, New York, NY; Mitchell S Elkind, Columbia Univ, New York, NY; Karen L Furie, Brown Univ, Providence, RI

Poster Board Number P210 / Presentation Number WP210
Patterns and Predictors of Stroke Subtypes in Patients with LVAD: Single Center Analysis
Aparna Vaddipati, Univ of Connecticut - Hartford Hosp, Hartford, CT; Ilene Staff, Jason Gluck, Amre Nouh, Hartford Hosp, Hartford, CT

Poster Board Number P211 / Presentation Number WP211
Mechanism of Simultaneous Cerebral Infarcts in Multiple Arterial Territories: A Literature-based Pooled Analysis
Tauseef Akhtar, John H Stroger Jr Hosp of Cook County, Chicago, IL; Shima Shahjouei, Sch of Med, Tehran Univ of Med Sciences, Tehran, Iran, Islamic Republic of; Ramin Zand, Geisinger Health System, Danville, Memphis, PA

Poster Board Number P212 / Presentation Number WP212
Rapid Point-of-care N2 Peptide Test for Acute Stroke Detection
Joseph D Weissman, DeKalb Med, Decatur, GA; Grigory Ponamarev, DeKalb Med, St Petersburgh, Russian Federation; Rozalyn Heath, Joey C Boiser, DeKalb Med, Decatur, GA; Svetlana Dambinova, Pavlov's State Med Univ, St Petersburgh, Russian Federation
Posters

**Emergency Care/Systems Posters I**

**Poster Board Number P213 / Presentation Number WP213**

**Discovery of a Serum Protein Panel to Stratify Stroke and Stroke-mimic Patients**

AA Daubenspeck, M Bottomley, J E Olson, Wright State Univ, Dayton, OH

**Poster Board Number P214 / Presentation Number WP214**

**Serum Claudin-5, a Potential Biomarker Reflecting Blood-brain Barrier Dysfunction in Acute/Subacute Cerebral Venous Thrombosis with Venous Infarct**

Jiap Gan Duan, Ziping Han, Yanning Cai, Haqing Song, Xuanyu Hosp, Capital Med Univ, Beijing, China; Bruce Ovbiagele, Wuwei Feng, Med Univ of South Carolina, Charleston, SC; Xuming Ji, Xuanyu Hosp, Capital Med Univ, Beijing, China

**Poster Board Number P215 / Presentation Number WP215**

**Geospatial Visualization of Mobile Stroke Unit Dispatches: A Method to Optimize Service Performance**


**Poster Board Number P216 / Presentation Number WP216**

**External Validation of Pomona Large Vessel Occlusion Scale at Aurora Health Care System (AHCS)**

Kessarin Panichpaisal, Aurora Neurosciences Innovation Inst, Milwaukee, WI; Aditi Chohan, Marian Univ of Coll of Osteopathic Med, Indianapolis, IN; Paul Villar, Maharaj Singh, Reji Babygirija, Mary Hook, Sharon Matyas, Nathaniel Kojis, Rehan Sajjad, Thomas Wolfe, Rovin A Richard, Aurora Neurosciences Innovation Inst, Milwaukee, WI

**Poster Board Number P217 / Presentation Number WP217**

**EMS Quarterback Role Improves Stroke Alert Time Targets**

Julie M Fussner, Kelly Montgomery, Daniel Ellenberger, Colin Beilman, Cathy Silva, Univ Hosp Cleveland Med Ctr, Cleveland, OH

**Poster Board Number P218 / Presentation Number WP218**

**EMS Based Telestroke Suggests Reduced Door-to-Needle Time Compared to Hospital Based Telestroke (REACHOUT Project)**

Christopher T Hackett, Jack Protech, Sandeep S Rana, David G Wright, Robert Fishman, Eric C Schmidt, Rebekah A Pratt, Ashis H Talyal, Allegheny Health Network, Pittsburgh, PA

**Poster Board Number P219 / Presentation Number WP219**

**Decision Analysis Tool for Prehospital Stroke Triage in the Era of Endovascular Therapy**

Nirali Vora, Jongbin Jung, Prasanthi Govindarajan, Stanford Univ, Stanford, CA

**Poster Board Number P220 / Presentation Number WP220**

**Onset-to-Needle Times Differ in Patients with Varying Stroke Severity: A Retrospective Review of a National Stroke Audit**

Lina Lau, Univ of Aberdeen, Aberdeen, United Kingdom; Melanie Turner, Melanie Turner, Aberdeen, United Kingdom; Mark Barber, Univ of Aberdeen, Aberdeen, United Kingdom; Peter Langhorne, Univ of Glasgow, Glasgow, United Kingdom; Martin Dennis, Univ of Edinburgh, Edinburgh, United Kingdom; Mary J MacLeod, Univ of Aberdeen, Aberdeen, United Kingdom; Scottish Stroke Care Audit

**Poster Board Number P221 / Presentation Number WP221**

**A Pragmatic Computer Algorithm Successfully Matches De-identified Regional Quality Improvement Database Records and Emergency Medical Services Records**

Christopher T Richards, Northwestern Feinberg Sch of Med, Chicago, IL; Zhiyuan Mathew Li, Alexandra Woodhouse, Adriana Bracai, Henry Smith, William White, Sarah Xie, Northwestern McCormick Sch of Engineering, Evanston, IL; Kathleen O’Neill, Renee M Sednew, American Heart Association, Chicago, IL; Leslee Stein-Spencer, City of Chicago, IL; Mark Wenwirth, Northwestern McCormick Sch of Engineering, Evanston, IL; Marc B Rosenman, Shyam Prabhakaran, Northwestern Feinberg Sch of Med, Chicago, IL

**Poster Board Number P222 / Presentation Number WP222**

**Predictive Value of the Miami Emergency Neurologic Deficit (MEND) Exam for Detecting Large Vessel Occlusion Strokes**

Ivette Motola, Angel A Bretons, Richard D Rodriguez, Erika Marulanda-Londoño, Steven Carter, Hua Li, S Barry Iskenson, Univ of Miami Sch of Med, Miami, FL

**Poster Board Number P223 / Presentation Number WP223**


May Noor, UCLAB Comprehensive Stroke Ctr, Los Angeles, CA; James C Grotta, Stephanie A Parker, Clinical Inst for Res and Innovation, Memorial Hermann – Texas Med Ctr, Houston, TX; Marianne Gausche-Hill, Nichole Bosson, Los Angeles County EMS Agency, Los Angeles, CA; Walid H Ghurabi, Santa Monica Fire Dept, Los Angeles, CA; Marc Eckstein, Stephen Sanko, Los Angeles Fire Dept, Los Angeles, CA; Sidney Starkman, Jeffrey Saver, UCLAB Comprehensive Stroke Ctr, Los Angeles, CA

**Poster Board Number P224 / Presentation Number WP224**

**Hispanics Are Transported with Slower and Less Capable Ambulances During Inter-hospital Transfer: A Threat to Fairness in the Era of Thrombectomy**

Mary S Vaughan Sarrazin, Edgar Samaniego, Waldo Guererro, Sami Alkasab, Ali Shehurayr, Kaustubh Limaye, Santiago Ortega, James Rossen, David Hasani, Enrique Leira, Univ of Iowa, Iowa City, IA

**Poster Board Number P225 / Presentation Number WP225**

**Similar Outcomes for Patients Treated with Off-label vs on-label Tissue Plasminogen Activator via Telestroke**

Shima Bozorgui, Tzu-Ching Wu, Arvind B Bambhroliya, Rene M Malazarte, Christy M Ankrum, Tiffany D Cossey, Alyssa D Trevino, Sean I Savitz, Amanda L Jagolino-Cole, The Univ of Texas Health Science Ctr, Houston, TX

**Poster Board Number P226 / Presentation Number WP226**

**Bypassing Interhospital Transfers for Large Vessel Occlusions in the Era of Mobile Stroke Units**

Payal Patel, Lila Sheikhi, Naresh Mullaguri, Andrew Reimer, Pravin George, Gabor Toth, Muhammad S Hussain, Ken Uchino, Andrew N Russman, Cleveland Clinic Fndn, Cleveland, OH

**Poster Board Number P227 / Presentation Number WP227**

**Compliance and Real Life Performance of a FAST-ED Scale Based Pre-hospital Stroke Initiative**

Felipe De Los Rios La Rosa, Maygret Ramirez, Jaymee Strauss, Ivis C Gonzalez, Baptist Health Neuroscience Ctr, Miami, FL; Camila Tocre Carrion, Univ Peruana de Ciencias Aplicadas, Lima, Peru; Virginia Ramos, Amy K Starosciak, Baptist Health Neuroscience Ctr, Miami, FL

**Poster Board Number P228 / Presentation Number WP228**

**Imaging Findings Associated with Ultra-early Neurological Deterioration in EMS-transported Intracerebral Hemorrhage Patients**

Kristina Shirkikova, Univ of Southern California, Los Angeles, CA; Pitchamol Wilaitsakipakorn, Pablo Villabianca, Gregory Wong, Julius Wong, Sidney Starkman, UCLA, Los Angeles, CA; Scott Hamilton, Stanford, Palo Alto, CA; David S Liebeskind, UCLA, Los Angeles, CA; Marc Eckstein, Univ of Southern California, Los Angeles, CA; Samuel Stratton, Franklin Pratt, UCLA, Los Angeles, CA; Robin Conwit, NIH, Bathesda, CA; Nerseh Sanossian, Univ of Southern California, Los Angeles, CA; Jeffrey L Saver, UCLA, Los Angeles, CA

**Poster Board Number P229 / Presentation Number WP229**

**The Impact of EMS Directly Transporting Patients with Suspected Acute Ischemic Stroke to Comprehensive Stroke Centers in South Florida**

Nils Mueller-Kronast, Delray Med Ctr, Delray Beach, FL; Erika T Marulanda-Londoño, Kefeng Wang, Chunhui Dong, Hannah Gardener, Carolina Gutierrez, Negan Aedaghi, Univ of Miami, Miami, FL; Peter Antevy, Broward County EMS, Davie, FL; Kenneth Schoppe, Palm Beach County EMS, West Palm Beach, FL; Dileep Yavagal, Univ of Miami, Miami, FL; Brijesh Mehta, Memorial Healthcare System, Hollywood, FL; Ritesh Toth, Palmmed General Hosp, Hialeah, FL; Paul Pe Pepe, UT Southwestern, Dallas, TX; Wayne Hodges, Univ of FL Health Science Ctr-Jacksonville, Jacksonville, FL; Jose G Roman, Ralph L Sacco, Taljana Rundek, Univ of Miami, Miami, FL; FL-PR CHExSD Investigators and Collaborators

**Poster Board Number P230 / Presentation Number WP230**

**Safety of Intravenous Thrombolysis in Telestroke and Impact of an Acute Stroke Registry**

Karl Epling, Karla Ferraz, Mass General Hosp, Boston, MA; Mary Nour, UCLA Comprehensive Stroke Ctr, Los Angeles, CA; James C Grotta, Stephanie A Parker, Clinical Inst for Res and Innovation, Memorial Hermann – Texas Med Ctr, Houston, TX; Marianne Gausche-Hill, Nichole Bosson, Los Angeles County EMS Agency, Los Angeles, CA; Walid H Ghurabi, Santa Monica Fire Dept, Los Angeles, CA; Marc Eckstein, Stephen Sanko, Los Angeles Fire Dept, Los Angeles, CA; Sidney Starkman, Jeffrey Saver, UCLAB Comprehensive Stroke Ctr, Los Angeles, CA

**Poster Board Number P231 / Presentation Number WP231**

**Documentation of Last Known Well Time in the Michigan Stroke Coverdell Registry**

Stacie L Demel, Michigan State Univ, East Lansing, MI; Adrienne V Nickles, Suzanne O’Brien, Ghada Ibrahim, Zususanna Szabo, Krystal Quartermus, Sherry Kimnucan, Robert Wahl, Teri Scorsia-Wilson, Michigan Dept of Health and Human Services, Lansing, MI; Mathew J Reeves, Michigan State Univ, East Lansing, MI
Adriana M Rivera-Dompenciel, Anil Chauhan, Enrique C Leira, Andrew A Pieper, Univ of Pittsburgh, Pittsburgh, PA; Jun Chen, Yaqin Gao, Fudan Univ, Shanghai, China

Poster Board Number P251 / Presentation Number WP251
Neuroprotective Effect of a New Endovascular Hypothermia: Intraarterial Cooling Infusion in Experimental Ischemic Stroke
Yunxia Duan, Xuanyu Hosp, Capital Med Univ, Beijing, China; Yuchuan Ding, Wayne State Univ Sch of Med, Detroit, MI; Di Wu, Xuanwu Hosp, Capital Med Univ, Beijing, China; Huber Mitchell, Wayne State Univ Sch of Med, Detroit, MI; Jingfei Shi, Xueming Ji, Xuanwu Hosp, Capital Med Univ, Beijing, China

Poster Board Number P252 / Presentation Number WP252
Mechanism of Secondary Thalamic Injury Induced by Focal Cortical Stroke
Gabe Seok Kim, Sung-Ha Hong, Sean P Marrelli, McGovern Med Sch, Univ of Texas Health Science Ctr at Houston, Houston, TX

Poster Board Number P253 / Presentation Number WP253
CaMKII Inhibition Protects Against Purkinje Cell Damage Following Global Cerebral Ischemia
Olivia Patos, Nicholas Chalmers, Katie Siekluc, Richard J Traystman, Paco S Herson, Nidia Quillinan, Univ of Colorado Denver, Aurora, CO

Poster Board Number P254 / Presentation Number WP254
Inhibition of Calcium/calmodulin-dependent Protein Kinase Kinase (CaMKK) Exacerbates Endothelial Cell Impairment After Cerebral Ischemia
Ping Sun, Lin Liu, Edward Koellhoffer, Louise McCullough, Jun Li, Univ of Texas Health Science, Houston, TX

Poster Board Number P255 / Presentation Number WP255
Omega-3 Fatty Acids as a Treatment for Experimental Ischemic Stroke: A Systematic Review and Meta-analysis
Lily Fulton, Univ Aberdeen, Aberdeen, United Kingdom; Sarah McCann, Malcolm Macleod, Univ of Edinburgh, Edinburgh, United Kingdom; Mary J MacLeod, Frank Thies, Univ Aberdeen, Aberdeen, United Kingdom

Poster Board Number P256 / Presentation Number WP256
Paradoxical Neuronal Survival Against Cerebral Ischemia in Lactate Dehydrogenase B Knock-out Mice via Vascular Adaptation
Jin Soo Lee, Ajou Univ Sch of Med, Suwon, Korea, Republic of; Song Mi Han, Bok Seon Yoon, Keoung Sun Son, Ajou Univ Postgraduate Sch, Suwon, Korea, Republic of; Seong-Joon Lee, Ji Man Hong, Ajou Univ Sch of Med, Suwon, Korea, Republic of; Chan Bae Park, Ajou Univ Postgraduate Sch, Suwon, Korea, Republic of.

Poster Board Number P257 / Presentation Number WP257
Microrna-20a-3p Is Neuroprotective in Both Males and Females in An ischemic Stroke Model
Amudha Selvamani, Farida Sohrabji, Texas A&M Univ, Women’s Health in Neuroscience Program, Dept of Neuroscience and Expt Therapeutics, Bryan, TX

Poster Board Number P258 / Presentation Number WP258
Unique Properties Associated with the Iron Chelator HBED Reveal Remarkable Beneficial Effect After Brain Trauma
Saher Khalaf, KVD Ranga Chamara, Abdullah S Ahmad, Nikita V Golovachev, Artem F Dadamyan, Todd J Sahaylin, Sangin Dorov, Univ of Florida, Gainesville, FL

Poster Board Number P259 / Presentation Number WP259
AT2 Receptor-interacting Protein Enhances Protective Effect of AT2 Receptor Stimulation in Ischemic Brain Damage
Jun Iwanami, Masaki Mogi, Xiao-Li Wang, Kana Tsuchida, Akihito Hagihara, Kyushu Univ, Fukuoka, Japan; Hiroyuki Kawashima, Nara Med Univ, Kashihara, Japan; Izumi Nagata, Kokura Ctr, Sanmu, Japan; Jyoji Nakagawara, Nathan Stroke and Cardiovascular Ctr, Suita, Japan; Donghai Liang, Dept of Environmental Health, Kitakyushu, Japan; Kazuo Okuchi, Nara Med Univ, Kashihara, Japan; Izumi Nagata, Kokura Ctr, Sanmu, Japan; Jyoji Nakagawara, Nara Med Univ and Key Lab of Neurogenetics and Channelopathies of the Second Affiliated Hosp of Guangdong Province and the Ministry of Education of China, Guangzhou, China; Guangzhou, China; Guangzhou, China; Donghai Liang, Dept of Environmental Health, Rollins Sch of Public Health, Emory Univ, Atlanta, GA; Luxi Li, Dandan Liu, Weiwen Sun, Inst of Neuroscience and Dept of Neurology of the Second Affiliated Hosp of Guangzhou Med Univ and Key Lab of Neurogenetics and Channelopathies of Guangdong Province and the Ministry of Education of China, Guangzhou, China, Guangzhou, China

Poster Board Number P260 / Presentation Number WP260
Uric Acid Reduces Infarct and Improves Neurological Function in Female Mice One Week After Transient Cerebral Ischemia
Nirav Dhansera, Coral J Cintron-Perez, Daniel Thedens, Alexia J Kort, Vicky Chuong, Adriana M Rivera-Dompenciel, Anil Chauhan, Enrique C Leira, Andrew A Pieper, Univ of Iowa, Iowa City, IA

Poster Board Number P261 / Presentation Number WP261
Dcr1 and Dcr2 Protect Neuron Against Ischemia and Hypoxia Damage via Differential Mechanisms on Ischemia Preconditioning-induced Neuroprotection
Wei Xu, Wei Jin, Xiaoqiao Zhang, Jing Chen, Mingli Liu, Shanghai No 5 Hosp, Fudan Univ, Shanghai, China; Shufan Zhang, Chunchng Ren, Dongfang Hosp, Tongji Univ, Shanghai, China

Poster Board Number P262 / Presentation Number WP262
Neuroglobin Mediates Neuroprotection of Hypoxic Postconditioning Against Transient Global Cerebral Ischemia in Rats via Preserving the Activity of NAD+/K+ ATPases
En Xu, Haixia Wen, Liu Liu, Luxuan Zhan, Inst of Neuroscience and Dept of Neurology of the Second Affiliated Hosp of Guangzhou Med Univ and Key Lab of Neurogenetics and Channelopathies of Guangdong Province and the Ministry of Education of China, Guangzhou, China, Guangzhou, China; Donghai Liang, Dept of Environmental Health, Rollins Sch of Public Health, Emory Univ, Atlanta, GA; Luxi Li, Dandan Liu, Weiwen Sun, Inst of Neuroscience and Dept of Neurology of the Second Affiliated Hosp of Guangzhou Med Univ and Key Lab of Neurogenetics and Channelopathies of Guangdong Province and the Ministry of Education of China, Guangzhou, China, Guangzhou, China

Poster Board Number P263 / Presentation Number WP263
Early Brain Injury After Subarachnoid Hemorrhage and It’s Potential Role in Epileptogenesis
Joseph Geraghty, Hao-Liang Xu, Abdullah Muhammad, Jeffrey A Loeb, Fernando D Tostai, Univ of Illinois at Chc, Chicago, IL

Poster Board Number P264 / Presentation Number WP264
Early Rehospitalization for Stroke Higher with Aspirin or No Antithrombotic Therapy Than with Oral Anticoagulation in an Unselected Population of Patients with Atrial Fibrillation
Mark Alberts, Hartford HealthCare, Hartford, CT; Roberta A James, Premier, Charlotte, NC; Victoria S Marcisin, Janssen Scientific Affairs, Titusville, NJ; Bimal R Shah, Premier Res Services, Charlotte, NC; Peter B Berger, Independent Cardiologist, Carmel, NY; Sean Pokorney, Duke Clinical Res Inst, Charlotte, NC, Gerald V Naccarelli, Milton S Hershey Med Ctr, Hershey, PA; Elaine M Hylek, Boston Univ Sch of Med, Boston, MA; Christopher B Granger, Duke Clinical Res Inst, Charlotte, NC

Poster Board Number P265 / Presentation Number WP265
Debunking the Myth of Regular Soda Beverages Use and the Risk of Incident Cardiovascular Events
Omar Saeed, Ahmed A Malik, Adnan I Qureshi, Zeenat Qureshi Stroke Inst, St Cloud, MN

Poster Board Number P266 / Presentation Number WP266
Posterior Circulation Improvement of Stroke Care Capabilities and Functional Outcome in Acute Ischemic Stroke: J-Aspect Study
Satoru Kamitani, Natt Cancer Ctr, Tokyo, Japan; Kunihiro Nishimura, Natt Cerebral and Cardiovascular Ctr, Suita, Japan; Akiko Kada, Nagoya Med Ctr, Nagoya, Japan; Ai Kurogi, Natt Cancer Ctr, Fukukawa, Japan; Ryota Kurogi, Kyushu Univ, Fukuoka, Japan; Fumio Nakamura, Natt Cerebral and Cardiovascular Ctr, Suita, Japan; Daisuke Onozuka, Akihito Hagihara, Kyushu Univ, Fukuoka, Japan; Junichi Ono, Sannmu Med Ctr, Sannmu, Japan; Joji Nakagawara, Natt Cerebral and Cardiovascular Ctr, Suita, Japan; Kazuo Okuchi, Natt Med Univ, Kirishima, Japan; Izumi Nagata, Koura Memorial Hosp, Kitakyushu, Japan; Shinoya Matsuda, Univ of Occupational and Environmental Health, Kitakyushu, Japan; Akifumi Suzuki, Res Inst for Brain and Blood Vessels-Akita, Akita, Japan; Kazunori Toyoda, Natt Cerebral and Cardiovascular Ctr, Tokyo, Japan; Shinichi Yoshimura, Hyogo Coll of Med, Nishinomiya, Japan; Shigeru Miyachi, Osaka Med Coll, Takatsuki, Japan; Yashiaki Shikikawa, Kourin Univ, Mitaka, Japan; Kunio Gohagawara, Iwate Med Univ, Morioka, Japan; Toru Aruga, Showa Univ, Tokyo, Japan; Yoshihiro Miyamoto, Natt Cancer Ctr, Suita, Japan; Keisuke Ido, Atara Nishimura, Koutai Arimura, Tetsuo Sayama, Koji Ishara, Kyushu Univ, Fukuoka, Japan

Poster Board Number P267 / Presentation Number WP267
Controlling Nutritional Status Score Predicts 3-month Functional Outcome in Patients with Acute Ischemic Stroke
Hiroyuki Naito, Tomohisa Nezu, Naohisa Hosomi, Shiro Aoki, Naoto Kinosita, Ryo Shimomura, Mutsuko Araki, Hiroki Ueno, Kazuhide Ochi, Hirofumi Maruyama, Hiroshima Univ Graduate Sch of Biomedical and Health Sciences, Hiroshima, Japan
Poster Board Number P268 / Presentation Number WP268
Associations Between Case Volume and Outcomes in the Subarachnoid Hemorrhage Patients with Clipping or Coiling: J-ASPECT Study
Ryota Kunogi, Kyushu Univ, Fukuoka, Japan; Akiko Kada, Natl Hosp Organization Nagoya Med Ctr, Nagoya, Japan; Kunihiro Nishimura, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Saturo Kamitani, Natl Cancer Ctr, Tokyo, Japan; Kuniaki Ogawara, Iwate Med Univ, Morioka, Japan; Junichi Ono, Sammu Med Ctr, Sanmu, Japan; Yoshiaki Shiokawa, Kyorin Univ, Mitaka, Japan; Kazunori Toyoda, Jyoji Nakagawara, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Shigeru Miyachi, Aichi Med Univ Hosp, Nagakute, Japan; Shinichi Yoshimura, Hyogo Cog of Med, Nishinomiya, Japan; Kazuo Okuchi, Nara Med Univ, Kashihara, Japan; Izumi Nagata, Kokura Memorial Hosp, Kitakyushu, Japan; Shinya Matsuda, Univ of Occupational and Environmental Health, Kitakyushu, Japan; Fumiaki Nakamura, Natl Cerebral Cardiovascular Disease Information, Suita, Japan; Daisuke Onozuka, Akihito Hagihara, Kyushu Univ, Fukuoka, Japan; Akihumi Suzuki, Res Inst for Brain and Blood Vessels-Akita, Akita, Japan; Keisuke Ido, Ak Kunogi, Abaru Nishimura, Koichi Arimura, Koji Iihara, Kyushu Univ, Fukuoka, Japan

Poster Board Number P269 / Presentation Number WP269
Induced Harking: Selective Reporting Bias After Changes in Instructions for Preparing Abstracts for the International Stroke Conference
Jesse W Hou, Neal M Rao, Jeffrey L Saver, David Geffen Sch of Med, Los Angeles, CA

Poster Board Number P270 / Presentation Number WP270
Outcomes of Telestroke: IPa Patients Who Stay at Community Hospitals vs Transfer to a Comprehensive Stroke Center
Nicole Anne Wysocki, Arvind Bambhroliya, Shima Bozorgui, Christy Ankrom, Alyssa Trevino, Rene Malazarte, Tiffany Cossey, Amanda Jagolino-Cole, Amanda Jagolino-No-Cole, Sean Savitz, Tsu-Ching Wu, Anjali Sharriff, UT Health Science Ctr, Houston, TX

Poster Board Number P271 / Presentation Number WP271
Incidence of Diagnostic Error in Cerebral Vein Thrombosis at a Single Urban Center
Ekaterina Bakradze, Milten Patel, Daryl McHugh, Ava L Liberman, Montefiore Med Ctr, Albert Einstein Coll of Med, Bronx, NY

Poster Board Number P272 / Presentation Number WP272
Sleep-disordered Breathing Is Associated with Worse Stroke Outcomes in Mexican Americans
Lynda D Lisabeth, Brisa Sanchez, David Lim, Ronald Chervin, Chengwei Li, Erin Case, Nelda Garcia, Lewis Morgenstern, Devinn Brown, Univ Michigan, Ann Arbor, MI

Poster Board Number P273 / Presentation Number WP273
Infections Increase the Risk of 30-day Readmissions Among Stroke Survivors: An Analysis of the National Readmission Database
Bijan Khaksari, Erin Kulick, Setareh Oman, Joshua Z Willey, Mitchell S Elkind, Amelia K Boehme, Columbia Univ, New York, NY

Poster Board Number P274 / Presentation Number WP274
Impact of Discontinuation of Telestroke
Annemarei Ranta, Capital & Coast DHB & Otago Univ, Wellington, New Zealand; Suzanne Busch, Nelson Marlborough DHB, Nelson, New Zealand

Poster Board Number P275 / Presentation Number WP275
Cost-effectiveness of Mechanical Thrombectomy of Ischemic Stroke
Yuesong Pan, Beijing TianTan Hosp, Beijing, China; Xueli Cai, Lishui Hosp of Zhejiang Univ (the Central Hosp of Lishui), LiShui, China; Yongjun Wang, Zhongrong Miao, Yuesong Pan, Beijing Tiantan Hosp, Beijing, China; Xueli Cai, Lishui Hosp of Zhejiang Univ (the Central Hosp of Lishui), LiShui, China; Shinichi Yoshimura, Hyogo Cog of Med, Nishinomiya, Japan; Kazuo Okuchi, Nara Med Univ, Kashihara, Japan; Izumi Nagata, Kokura Memorial Hosp, Kitakyushu, Japan; Shinya Matsuda, Univ of Occupational and Environmental Health, Kitakyushu, Japan; Fumiaki Nakamura, Natl Cerebral Cardiovascular Disease Information, Suita, Japan; Daisuke Onozuka, Akihito Hagihara, Kyushu Univ, Fukuoka, Japan; Akihumi Suzuki, Res Inst for Brain and Blood Vessels-Akita, Akita, Japan; Keisuke Ido, Ak Kunogi, Abaru Nishimura, Koichi Arimura, Koji Iihara, Kyushu Univ, Fukuoka, Japan

Poster Board Number P276 / Presentation Number WP276
Trends in Acute Stroke Treatment Among Rural Hospitals in Minnesota: Utility of Acute Stroke Ready Hospital Designation
Albert W Tsai, Paula G Lindgren, Minnesota Dept of Health, Saint Paul, MN; Ganesh Asalatham, John Nassef Neuroscience Specialty Clinic and United Med, Allina Health, Saint Paul, MN

Poster Board Number P277 / Presentation Number WP277
Stroke Triage and Diagnosis Processes Associated with Improved Door-to-needle Time and IAP Rates
Zoltan Nadasy, Maxim Shpak, Matthew C Cowperthwaite, Anurekha Ramakrishnan, St David’s Med Ctr, Austin, TX; Jon Jennings, Ashley Moody, Kevin Orndorff, HCA, Nashville, TN; Christopher V Fanale, Swedish Med Ctr, Denver, CO

Poster Board Number P278 / Presentation Number WP278
Underutilization of Outpatient Cardiac Monitoring in Patients with Embolic Stroke of Unknown Source
Brittany A Ricci, Andrew D Chang, Morgan Hemendinger, Priya Narwal, Katarina Dakay, Shawna M Cutting, Brian MacGrory, Tina Burton, Christopher Song, Ryan McTaggart, Mahesh Jayaraman, Nikhil Panda, Antony Chu, Alexander Merkler, Ajay Gupta, Hooman Kamel, Karen Fuire, Shadi Yaghi, Brown Univ, Providence, RI

Poster Board Number P279 / Presentation Number WP279
Modelling the Impact of Multiple Mobile Stroke Units Surrounding a Metropolitan Area
Jesuayl K Holodinsky, Noreen Kamal, Charlotte Zerna, Luke Zhu, Michael D Hill, Mayank Goyal, Univ of Calgary, Calgary, AB, Canada

Poster Board Number P280 / Presentation Number WP280
Sleep Apnea Screening Is Uncommon After Stroke
Devin L Brown, Xiaqing Jiang, Chengwei Li, Erin Case, Nelda Garcia, Cemal Sozener, Lynda Lisabeth, Univ of Michigan, Ann Arbor, MI

Poster Board Number P281 / Presentation Number WP281
Multicenter Analysis of Stroke Risk Factor Treatment
Neal M Rao, Matthew J Wu, UCLA, Los Angeles, CA; Viet-Huong V Nguyen, Chapman Univ Sch of Pharmacy, Irvine and Los Angeles, CA; Sunita Dergalaut, Alanoush Aramian, VA Greater Los Angeles Healthcare System, Los Angeles, CA; Grace Minassian, Cedars-Sinai Med Group, Los Angeles, CA; Uzair Siddiqui, UCLA, Los Angeles, CA; Michael McCreary, Kaiser Permanente, San Diego, CA; William PNeil, Kaiser Permanante Med Ctr, San Diego, CA; Sheldon Wolf, Olive View-UCLA Med Ctr, Los Angeles, CA; Roi Ann Wallis, Greater Los Angeles VA Healthcare System, Los Angeles, CA; Jeffrey L Saver, UCLA, Los Angeles, CA

Poster Board Number P282 / Presentation Number WP282
Miyamoya Disease and Pregnancy: A Single Institutional Experience in the USA
Rabia Qaiser, West Virginia Univ, Morgantown, WV; Teresa E Bell-Stephens, Anna Ginsen, Yasser Y El-Sayed, Gary K Steinberg, Stanford Univ Sch of Med, Stanford, CA

Poster Board Number P283 / Presentation Number WP283
Infections Present on Admission, Hospital Acquired Infections and Short Term Outcomes in Ischemic Stroke Patients in a Large Administrative Dataset
Sonal Raetoji, Michelle Canning, Erin Kulick, Setareh Oman, Joshua Z Willey, Mitchell S Elkind, Amelia K Boehme, Columbia Univ, New York, NY

Poster Board Number P284 / Presentation Number WP284
Modelling Hospital-level Costs of Thrombolysis to Strokes and Stroke Mimics
Ho-Jun Choi, Northwestern Univ, Chicago, IL; Ava Leigh Liberman, Albert Einstein Coll of Med, Bronx, NY; Scott Mendelson, Ilana Ruff, Shym Prabhakaran, Northwestern Univ, Chicago, IL

Poster Board Number P285 / Presentation Number WP285
Advanced Directives and Care Planning in the Stroke Clinic: Results of a Quality Improvement Survey
Paul Johnson, Jenny Siv, Claire Creutzfeldt, Univ of Washington, Seattle, WA

Poster Board Number P286 / Presentation Number WP286
Code Status Prior to Admission Does Not Influence Timing of Transition to Inpatient Hospice in Devastating Stroke
Amre M Nouh, Hartford Hosp Univ of Ct, Hartford, CT; Francesca Ferrante, Ilene Staff, Lauren McCormick, Ross H Albert, Hartford Hosp, Hartford, CT; Catherine Hosley, Hartford Hosp Univ of Ct, Hartford, CT

Poster Board Number P287 / Presentation Number WP287
Differences in Outcome and Cost Between Patients Admitted to Intensive Care versus the Neuroscience Unit Post Neuroendovascular Procedure
Mohammmed R Kabiani, Angela L Smith, Andrew J Borgert, Allison G Carlisle, Gunderson Health System, La Crosse, WI

Poster Board Number P288 / Presentation Number WP288
Patient, Caregiver, and Layperson Preferences of Informed Consent for tPA Versus the Neuroscience Unit Post Neuroendovascular Procedure
Gundersen Health System, La Crosse, WI

Poster Board Number P185 / Presentation Number WP185
Code Status Prior to Admission Does Not Influence Timing of Transition to Inpatient Hospice in Devastating Stroke
Amre M Nouh, Hartford Hosp Univ of Ct, Hartford, CT; Francesca Ferrante, Ilene Staff, Lauren McCormick, Ross H Albert, Hartford Hosp, Hartford, CT; Catherine Hosley, Hartford Hosp Univ of Ct, Hartford, CT

Poster Board Number P265 / Presentation Number WP265
Quality Improvement Survey
Mayank Goyal, Univ of Calgary, Calgary, AB, Canada

Poster Board Number P266 / Presentation Number WP266
Multicenter Analysis of Stroke Risk Factor Treatment
Neal M Rao, Matthew J Wu, UCLA, Los Angeles, CA; Viet-Huong V Nguyen, Chapman Univ Sch of Pharmacy, Irvine and Los Angeles, CA; Sunita Dergalaut, Alanoush Aramian, VA Greater Los Angeles Healthcare System, Los Angeles, CA; Grace Minassian, Cedars-Sinai Med Group, Los Angeles, CA; Uzair Siddiqui, UCLA, Los Angeles, CA; Michael McCreary, Kaiser Permanente, San Diego, CA; William P Neil, Kaiser Permanente Med Ctr, San Diego, CA; Sheldon Wolf, Olive View-UCLA Med Ctr, Los Angeles, CA; Roi Ann Wallis, Greater Los Angeles VA Healthcare System, Los Angeles, CA; Jeffrey L Saver, UCLA, Los Angeles, CA

Poster Board Number P267 / Presentation Number WP267
Infections Present on Admission, Hospital Acquired Infections and Short Term Outcomes in Ischemic Stroke Patients in a Large Administrative Dataset
Sonal Raetoji, Michelle Canning, Erin Kulick, Setareh Oman, Joshua Z Willey, Mitchell S Elkind, Amelia K Boehme, Columbia Univ, New York, NY

Poster Board Number P268 / Presentation Number WP268
Code Status Prior to Admission Does Not Influence Timing of Transition to Inpatient Hospice in Devastating Stroke
Amre M Nouh, Hartford Hosp Univ of Ct, Hartford, CT; Francesca Ferrante, Ilene Staff, Lauren McCormick, Ross H Albert, Hartford Hosp, Hartford, CT; Catherine Hosley, Hartford Hosp Univ of Ct, Hartford, CT

Poster Board Number P269 / Presentation Number WP269
Differences in Outcome and Cost Between Patients Admitted to Intensive Care versus the Neuroscience Unit Post Neuroendovascular Procedure
Mohammmed R Kabiani, Angela L Smith, Andrew J Borgert, Allison G Carlisle, Gunderson Health System, La Crosse, WI
Poster Board Number P290 / Presentation Number WP290
A Resident-driven Intervention to Decrease Door-to-needle Time and Increase Resident Satisfaction in a Resource-limited Setting

Poster Board Number P291 / Presentation Number WP291
Stroke Code Simulation Improves Resident Preparedness for Call Catherine L. Lagace, Stanford Univ, Palo Alto, CA; Waimal Tavil, Christina Care Health System, Newark, DE; Nirali Vora, Stanford Univ, Palo Alto, CA

Poster Board Number P292 / Presentation Number WP292
Changing Landscape of Stroke Systems of Care: Increase in Interhospital Transfer in the United States Shreyansh Shah, Shubin Sheng, Ying Xian, Duke Univ, Durham, NC; Kori S. Zachrison, Massachusetts General Hosp, Boston, MA; Kevin N Sheth, Yale Sch of Med, New Haven, CT; Jeffrey L. Sayer, UCLA Med Ctr, Los Angeles, CA; Eric E. Smith, Univ of Calgary, Calgary, AB, Canada; Gregg C. Fonarow, UCLA Med Ctr, Los Angeles, CA; Lee H Schwamm, Massachusetts General Hosp, Boston, MA

Poster Board Number P293 / Presentation Number WP293
Long-term Healthcare Costs of Stroke and Major Bleeding in Patients with Atrial Fibrillation Treated with Non-vitamin K Antagonist Oral Anticoagulants Heather M. Rozajbek, Janssen Scientific Affairs, LLC, Titusville, NJ; Craig J. Coleman, Univ of Connecticut Sch of Pharmacy, Storrs, CT; Veronica Ashston, Janssen Scientific Affairs, LLC, Titusville, NJ; Francois Lallibert, Groupe d’Analyse, L’ite, Montreal, QC, Canada; Paul Oyefesobi, Janssen Scientific Affairs, LLC, Titusville, NJ; Dominique Lejeune, Guillaume Germain, Groupe d’Analyse, L’ite, Montreal, QC, Canada; Jeff R. Schein, Janssen Scientific Affairs, LLC, Titusville, NJ; Zhong Yuan, Janssen Res & Development, LLC, Titusville, NJ; Patrick Lefebvre, Groupe d’Analyse, L’ite, Montreal, QC, Canada; Eric D. Peterson, Duke Clinical Res Inst, Durham, NC

Poster Board Number P294 / Presentation Number WP294
Randomized Trial of an Attending Nurse Model of Care for Acute Stroke Laura Stein, Univ of Pennsylvania, Philadelphia, PA; Ava L. Liberman, Albert Einstein Coll of Med, Bronx, NY; Ahmad Zamzam, Janice Smolka, Phyllis Dubendorf, Jean M. Luciano, Alexandra Cosan, Zachary Roberts, Univ of Pennsylvania, Philadelphia, PA; Jacob Carmen, Loyola Marymount Univ, Los Angeles, CA; Brett Cuccidati, Michael Mullen, Steven R. Resse, Regina Cunningham, Scott Kasner, Univ of Pennsylvania, Philadelphia, PA

Poster Board Number P295 / Presentation Number WP295

Poster Board Number P296 / Presentation Number WP296
Prospective e-diary Captures Elusive Post-stroke Symptoms as Patterned and Cyclical Ronald James Calvano, Massachusetts General Hosp, Boston, MA; Mitra Levine, Western New England Univ, Springfield, MA; Wenjun Deng, Bo Song, Bridget Bunda, Lindsay Fisher, Rebekah Lee, Massachusetts General Hosp, Boston, MA; Richard Goldstein, Spaulding Rehabilitation Hosp, Charlestown, MA; Ferdoons S Buonanno, MingMing Ning, Massachusetts General Hosp, Boston, MA

Poster Board Number P297 / Presentation Number WP297
Increasing Interfacility Transfers Among Northeastern Hospitals in the Care of Stroke Patients Kori S Zachrison, Massachusetts General Hosp, Boston, MA; Jukka-Pekka Onnela, Harvard TH Chan Sch of Public Health, Boston, MA; Adrian Hernandez, Duke Univ, Durham, NC; Matthew J Reeves, Michigan State Univ, Lansing, MI; Carlos A Camargo Jr, Massachusetts General Hosp, Boston, MA; Marguerite Cox, Roland A Matsouka, Duke Clinical Res Inst, Durham, NC; Joshua P Metlay, Joshua N Goldstein, Lee H Schwamm, Massachusetts General Hosp, Boston, MA

Poster Board Number P298 / Presentation Number WP298
Clinical Outcomes and Prognostic Factors in Patients with Spinal Dural Arteriovenous Fistulas: A Prospective Cohort Study Ma Yangjie, Chen Sichang, Peng Chao, Wang Chuxiu, Li Guilian, He Chuan, Ye Ming, Hong Tao, Xuanwu Hosp, Beijing, China; Bian Lixiong, Liu Jiang, Wang Zhichao, Beijing Haidian Hosp, Beijing, China; Adnan I Qureshi, Zeenat Qureshi Stroke Inst, St Cloud, MN; Ling Feng, Zhang Hongqi, Xuanwu Hosp, Beijing, China

Poster Board Number P299 / Presentation Number WP299
Patient-centered Quality of Life Utility Values Are Superior to Modified Rankin Scale Outcomes in Stroke – Experience from the Artss-2 Trial (Randomized, Multi-center Trial of Argatroban with Recombinant Tissue Plasminogen Activator for Acute Stroke) Andrew D. Barreto, Univ of Texas Health Science Houston, Houston, TX; Gary A. Ford, Univ of Texas Health Science Houston, Houston, TX, United Kingdom; Loren Shen, Claudia Petrozoa, Jon E. Tyson, Chunyan Cai, Mohammad Rahbar, Univ of Texas Health Science Houston, Houston, TX; James C Grotta, Clinical Innovation and Res Inst, Houston, TX; on behalf of the ARTSS-2 Investigators

Poster Board Number P300 / Presentation Number WP300

Poster Board Number P301 / Presentation Number WP301
Does Stroke Confidence Attendance Affect Patient Outcomes? Maria Bogdanovskaya, Jessica Talbott, Rachel Aslop, Lorna Barclay, Dr. Foster, London, United Kingdom; Jin-Moo Lee, Barnes Jewish Hosp, St Louis, MO; Louise Shaw, Royal United Hosp, Bath, United Kingdom; Mark J. Albers, Hartford Hosp, Hartford, CT; Gabriel J. Rinkel, UMC Utrecht, Utrecht, Netherlands; Thomas M. Hemmen, Univ California San Diego, La Jolla, CA

Poster Board Number P302 / Presentation Number WP302
Ethnic Differences in Midlife Stroke Outcomes Lynda D. Lisabeth, Hugo Aparicio, Chengwei Li, Erin Case, Lewis Morganstern, Univ Michigan, Ann Arbor, MI

Poster Board Number P303 / Presentation Number WP303
Defining the Limits of Technology-based Tools for Stroke Patients and Caregivers Paul Freddolino, Sarah Swierenga, Amanda Woodward, Nathan Lounds, Joseph Fitzgerald, Constantinos Couraris, Anne Hughes, Michele Fritz, Mal Reeves, Michigan State Univ, East Lansing, MI

Poster Board Number P304 / Presentation Number WP304

Poster Board Number P305 / Presentation Number WP305
Predictors of Early Improvement of Swallow Function in Acute Ischemic Stroke Patients with Severe Dysphagia Kristin Brown, Chunyan Cai, Andrew Barreto, Univ of Texas at Houston, Houston, TX; Jade Wollner, Memorial Hermann Hosp, Houston, TX; Sean Savitz, Anjali Sharriff, Univ of Texas at Houston, Houston, TX
Poster Board Number P322 / Presentation Number WP322
Inhaled Nitric Oxide Augments Cerebral Blood Flow in Healthy Subjects
Poster Board Number P323 / Presentation Number WP323
Using Telemedicine Eliminates the Weekend After-hours Effect in Acute Ischemic Stroke Patients
Tc Cossey, Chunyan Cai, Arvindambahbhoiyya, Amanda Jagolin, Christy Ankom, Sean Savitz, Tsu-Ching Wu, Univ of Texas Health Science Center, Houston, TX
Poster Board Number P324 / Presentation Number WP324
Improving Stroke Care Delivery for In-hospital Stroke Alerts by Addition of Overhead “Code Stroke” Announcements: Single Comprehensive Stroke Center’s Experience
Tarun Girotra, Med Univ of South Carolina, Charleston, SC; Lonni Schultz, Angelos Katramados, Megan Brady, Lisa Cohen, Lee Anne Raper, Daniel J Miller, Henry Ford Hosp, Detroit, MI
Poster Board Number P325 / Presentation Number WP325
Peri-operative Neurological Complications of Valve Surgery for Infective Endocarditis Patients with Stroke
Lucy Q Zhang, Cleveland Clinic Fdn, Cleveland, OH; Sung-Min Cho, Johns Hopkins Med Inst, Baltimore, MD; Cory Rice, Jean Khoury, Dolora Wisco, Ken Uchino, Cleveland Clinic Fdn, Cleveland, OH
Poster Board Number P326 / Presentation Number WP326
Fever Promotes Worse Outcomes in Reperfused Patients Suffering from Febrile Duration
Mitchell T Bowen, Diogo C Haussen, Mehdoussama, Michael Frankel, Paul G Nogueira, Emory Univ Sch of Med, Atlanta, GA; Seena Dehkgharghani, New York Univ Med Ctr, New York, NY

Intracerebral Hemorrhage Posters I

Poster Board Number P327 / Presentation Number WP327
CHADSVASC and HASBLED Scores in Patients with Intracerebral Hemorrhage and Atrial Fibrillation
Robert Stanton, Daniel Woo, Charles Moomaw, Mary Haverbusch, Matthew Flaherty, Dawn Kleinendorfer, Univ of Cincinnati, Cincinnati, OH
Poster Board Number P328 / Presentation Number WP328
Suppression of Tachycardia and Cost Effectiveness of Bisoprolol Transdermal Patch Addition to Intravenous Nicardpine in Antithrombotic Treatment for Acute Intracerebral Hemorrhage
Ryo Yamamoto, Satoshi Suzuki, Rieko Sugawara, Yujinchi isito, Hirokiyo Koizumi, Takayoshi Momoo, Hiratsuka Kyosai Hosp, Hiratsuka, Kanagawa, Japan; Fumiaki Tanaka, Yokohama City Univ Graduate Sch of Med, Yokohama, Japan
Poster Board Number P329 / Presentation Number WP329
T2 Spotty Sign on Magnetic Resonance Imaging Should be Associated with Hematoma Expansion in Patients with Intracerebral Hemorrhage
Takahiro Sato, Satoshi Suda, Takashi Shimoyama, Hidemi Aoki, Kentaro Suzuki, Yasuhiro Nisiyama, Tokyo, Japan
Poster Board Number P330 / Presentation Number WP330
Resource Utilization Among Patients Transferred for Intracerebral Hemorrhage
Kori S Zachrison, Emily Aaronson, Massachusetts General Hosp, Boston, MA; Sadiqa Robertson, Univer of Pennsylvania, Philadelphia, PA; Rachel B Urness, Johns Hopkins Univ Sch of Med, Baltimore, MD; Lisa M Avidan, Univ of Chicago Med, Chicago, IL; Daniel F Hanley, Wendy C Ziai, Johns Hopkins Hosp, Baltimore, MD
Poster Board Number P331 / Presentation Number WP331
Intracranial Hemorrhage in Infective Endocarditis: Underlying Arterial and Pachymeningal Disease
Jean Khoury, Cleveland Clinic, Cleveland, OH; Sung Min Cho, Johns Hopkins, Baltimore, MD; Cory Rice, Lucy Zhang, Dolora Wisco, Ken Uchino, Cleveland Clinic, Cleveland, OH

Poster Board Number P332 / Presentation Number WP332
Characteristics and Outcomes of Patients on Prior Antiplatelet Therapy in the Tranexamic Acid in Primary Intracerebral Haemorrhage-2 (TICH-2) Trial
Zhe Kang Law, Katie Flaherty, Jason P Appleton, Polly Scott, Kailash Krishnan, Azimwati Ali, Rob Dineen, Philip M Bath, Nikola Sprigg, Univ of Nottingham, Nottingham, United Kingdom
Poster Board Number P333 / Presentation Number WP333
Kyle B Walsh, Charles Moomaw, Padmini Sekar, Jane Khoury, Daniel Woo, Univ of Cincinnati, Cincinnati, OH

Poster Board Number P334 / Presentation Number WP334
In-hospital Systolic Blood Pressure Variability in Elderly Patients with Primary Intracerebral Hemorrhage
Jennifer R Meeks, Arvind B Bambahbhoiyya, Ellie G Meyer, Kristen B Slaughter, Christopher J Fraher, Rifjiv Bowry, Wamada I Ahmed, Louise D McCullough, Jon E Tyson, Charles G Miller, UT Health Science Ctr at Houston, Houston, TX; Steven Warach, Seton Dell Med Sch Stroke Inst, Austin, TX; Anjali Z Shariat, Sean I Savitz, Farhaan S Vahidy, UT Health Science Ctr at Houston, Houston, TX

Poster Board Number P335 / Presentation Number WP335
Left Ventricular Hypertrophy and Anti-hypertensive Use in Intracerebral Hemorrhage

Poster Board Number P336 / Presentation Number WP336
Cerebral Small Vessel Disease Burden, Functional Outcome and Hematoma Expansion in Intracerebral Hemorrhage
Vasilios-Artemios Lioutas, Beth Israel Deaconess Med Ctr, Boston, MA; Bo Wu, West China Hosp, Chengdu, China; Johanna Helenius, Lahey Clinic, Burlington, MA; Janhavi Mody, Hartford Hosp, Hartford, CT; Casey Norton, Magdy H Selim, Beth Israel Deaconess Med Ctr, Boston, MA

Poster Board Number P337 / Presentation Number WP337
Frequency, Determinants, and Outcomes of Intracerebral Hemorrhage Expansion in Hyperacute EMS-transported Patients
Pitchamol Vilaisakdikaporn, David Geffen Sch of Med, Univ of California, Los Angeles, CA; Kristina Shirkovka, Univ of Southern California, Los Angeles, CA; Christa D Brown, John A Burns Sch of Med, Univ of Hawaii at Manoa, Honolulu, HI; Gilda Avila-Rinek, David Geffen Sch of Med, Univ of California, Los Angeles, CA; Nerses Sanossian, Keck Sch of Med, Los Angeles, CA; David Liebeskind, Pablo Villablanca, Sidney Starkman, David Geffen Sch of Med, Univ of California, Los Angeles, CA; Marc Eckstein, Los Angeles Fire Dept, Los Angeles, CA; Samuel Stratton, Los Angeles EMS Agency, Los Angeles, CA; Frank Pratt, Orange County EMS Agency, Los Angeles, CA; Robin Conwit, Natl Inst of Neurological Disorders and Stroke, Bethesda, MD; Scott Hamilton, Stanford Univ, San Francisco, CA; Jeffrey L Saver, David Geffen Sch of Med, Univ of California, Los Angeles, CA; the FAST-MAG Investigators and Coordinators

Poster Board Number P338 / Presentation Number WP338
Effect of Thalamic Hemorrhage Localization on Level of Consciousness and Functional Outcomes in the CLEAR III Trial
Pouya Tahsili-Fahadan, Vahid Eslami, Lucia Rivera-Lara, Johns Hopkins Univ Sch of Med, Baltimore, MD; Carol B Thompson, Bloomberg Sch of Public Health, Baltimore, MD; Rachel Dlugash, Nichol McGee, Johns Hopkins Univ Sch of Med, Baltimore, MD; Isam Awaad, Univ of Chicago Med, Chicago, IL; Daniel F Hanley, Wendy C Ziai, Johns Hopkins Univ Sch of Med, Baltimore, MD; for the CLEAR III Trial Investigators

Poster Board Number P339 / Presentation Number WP339
Arterial Spin Labelling Cerebral Perfusion Measurements Demonstrate Normal Expansion in Hyperacute EMS-transported Patients
Issam Awad, Univ of Chicago Med, Chicago, IL; Daniel F Hanley, Wendy C Ziai, Johns Hopkins Hosp, Baltimore, MD; Rachel Dlugash, Nichol McGee, Johns Hopkins Univ Sch of Med, Baltimore, MD; Isam Awaad, Univ of Chicago Med, Chicago, IL; Daniel F Hanley, Wendy C Ziai, Johns Hopkins Univ Sch of Med, Baltimore, MD; for the CLEAR III Trial Investigators

Poster Board Number P340 / Presentation Number WP340
Primary Intracerebral Hemorrhage and Perihematomal Edema Volumes in Diabetics on Sulfonylureas: A Case-control Study
Hannah J Irvine, Univ of Minnesota, Minneapolis, MN; Farhaan S Vahidy, UT Health Science Ctr at Houston, Houston, TX; Steven Warach, Seton Dell Med Sch Stroke Inst, Austin, TX; Anjali Z Shariat, Sean I Savitz, Farhaan S Vahidy, UT Health Science Ctr at Houston, Houston, TX

--- 79 ---
Late-breaking Science Posters | LBP2 – LBP3

Poster Board Number LBP2 / Presentation Number LBP2

Final Results of the RHAPSODY Trial
Patrick Lyden, Cedars-Sinai Med Ctr, Los Angeles, CA; Christopher S Coffey, Univ of Iowa, Iowa City, IA; Merit Cudkowicz, Massachusetts General Hosp, Boston, MA; Robin A Conwit, NINDS, Bethesda, MD; Kent E Pryor, ZI Biotech, LLC, Houston, TX; on behalf of the RHAPSODY Investigators

Poster Board Number LBP3 / Presentation Number LBP3

Rivaroxaban for Prevention of Silent Stroke: Results of Cardiovascular Outcomes for People Using Anticoagulation Strategies (COMPASS) Trial MRI and Neurocognitive Deterioration Substudy (COMPASS MIND)
Mukul Sharma, Robert G Hart, Population Health Res Inst, McMaster Univ, Hamilton, ON, Canada; Eric E Smith, Hotchkiss Brain Inst, Dept of Clinical Neurosciences, Univ of Calgary, AB, Canada; Jackie Bosch, John E Elkeelboom, Stuart J Connolly, Population Health Res Inst, McMaster Univ, Hamilton, ON, Canada; Rafael Díaz, Estudios Clinicos Latino America and Insto Cardiovascular de Rosario, Rosario, Argentina; Patricio Lopez-Jaramillo, Res Inst, FOSCAL-Bucaramanga, Bucaramanga, Colombia; Georg Ertl, Stefan Stölz, Comprehensive Heart Failure Ctr Univ Hosp Würzburg, Würzburg, Germany; Gilles R Dagenais, Inst Univoire de Cardiologie et Pneumologie de Quebec, Quebec City, QC, Canada; Eva M Lonn, Population Health Res Inst, McMaster Univ, Hamilton, ON, Canada; Lars Ryden, Karolinska Inst, Stockholm, Sweden; Andrew M Tonkin, John D Varigos, Monash Univ, Melbourne, Australia; Deepak L Bhatt, Brigham and Women’s Hosp and Harvard Med Sch, Boston, MA; Kelley R Branch, Jeffrey L Probstfield, Univ of Washington Med Ctr, Seattle, WA; Jae-Hyung Kim, The Catholic Univ of Korea, Seoul, Republic of Korea; Jong-Won H Ah, Yoonse Uhn, Coll of Med Univ of Seoul, Seoul, Korea, Republic of; Martin O’Donnell, Natl Univ of Ireland, Galway, Ireland; Dragos Vinereanu, Univ of Medicine and Pharmacology Carol Davila Univ and Emergency Hosp, Bucharest, Romania; Keith A Fox, Ctr for Cardiovascular Science, Univ of Edinburgh, Edinburgh, United Kingdom; Yan Lan, Lisheng Liu, Jun Zhu, Fwu Tsai Hosp, Beijing, China; Nana Pogosova, Natl Ctr for Preventative Med (Moscow), Moscow, Russia, Federation; Aldo P Maggioni, AMNOC Res Ctr, Florence, Italy; Alvaro Avezou, Insto Dante Pazzanese de Cardiologia, Sao Paulo, Brazil; Leopoldo S Piegas, Univ of Sao Paulo, Sao Paulo, Brazil; Katalin Keltai, Matyas Keltai, Semmelweis Univ, Budapest, Hungary; Nancy Cook-Bruns, ArunA Biomedical, Inc, Athens, GA; John C Reynolds, Northwestern Hosp, Chicago, IL; Scott D Berkowitz, Bayer US LLC, Parsippany, NJ; Salim Yusuf, Population Health Res Inst, McMaster Univ, Hamilton, ON, Canada

Poster Board Number LBP4 / Presentation Number LBP4

Boston Criteria Version 20 for Cerebral Arterial Amyloid Angiopathy: An International Collaboration
Andreas Charidimou, Marco Pasri, Susanne J van Veluw, Massachusetts General Hosp, Boston, MA; Charlotte Cordonnier, Univ Lille, Inserm U1171, CHU Lille, Dept of Neurology, Lille, France; Rustam Al-Shahi Salman, Mark Rodrigues, Ctr for Clinical Brain Sciences, Univ of Edinburgh, Edinburgh, United Kingdom; Eric E Smith, Hotchkiss Brain Inst, Dept of Clinical Neurosciences, Univ of Calgary, AB, Canada; Julie A Fox, Dept of Pathology and Neurological Sciences, Rush Univ Med Ctr, Chicago, IL; Jennifer Linn, Inst und Neurocognitive Deterioration Substudy (COMPASS MIND)

Poster Board Number LBP6 / Presentation Number LBP6

Preventing Ischemic Cerebrovascular Events in High-risk Patients with Acute Non-disabling Cerebrovascular Events Using Remote Ischemic Conditioning: A Single-arm, Open-label, Multi-center Phase IIa Futility Study
Shuang Liu, Xuanwu Hosp, Beijing, China; Zongen Gao, Shengli Olfiedt Ctr Hosp, Dongying, Shandong, China; Ran Meng, Haidong Song, Xuanwu Hosp, Beijing, China; Tianping Tang, Shengli Olfiedt Ctr Hosp, Dongying, Shandong, China; Ya Zhao, Taoyuan People’s Hosp, Changde, Hunan, China; Rong Chen, The First Hosp, Hainan Med Coll, Haikou, Hainan, China; Yanzhen Sheng, Taoyuan People’s Hosp, Changde, Hunan, China; Qianqian Fan, The First Hosp, Hainan Med Coll, Haikou-Hainan, China; Fang Jiang, Qian Zhang, Jianping Ding, Xiaojin Huang, Qingfeng Ma, Kai Dong, Sufang Xue, Zhipei Yu, Jiangan Duan, Changbiao Chu, Xuanwu Hosp, Beijing, China; Xiaohui Chen, Shengli Olfiedt Ctr Hosp, Dongying, Shandong, China; Xingquan Huang, Taoyuan People’s Hosp, Changde, Hunan, China; Siye Li, Xuanwu Hosp, Beijing, China; Bruce Ovbiagele, Dept of Neurology, Med Univ of South Carolina, Charleston, SC; Wenli Zhao, Dept of Public Health Sciences, Med Univ of South Carolina, Charleston, SC; Wuwei Feng, Dept of Neurology, Med Univ of South Carolina, Charleston, SC; Xuming Ji, Xuanwu Hosp, Beijing, China

Poster Board Number LBP7 / Presentation Number LBP7

Emergent Angioplasty or Stenting After Thrombectomy in Patients with Underlying Intracranial Atherosclerotic Stenosis
Chuanjie Wu, Xuming Ji, Xuanwu Hosp Capital Med Uni, Beijing, China

Poster Board Number LBP8 / Presentation Number LBP8

A Cluster Randomized Trial of a Multifaceted Intervention to Improve AcuteIschemic Stroke Care in China
Yilong Wang, Xiazhao Li, Xinguoan Zhao, Chunjuan Wang, Xianwei Wang, Beijing Tiantan Hosp, Beijing, China; David Wang, INI Stroke Network, OSF Healthcare System, Univ of Illinois Coll of Med, Peoria, IL; Li Liang, Duke Univ Med Ctr, Duke Clinical Res Inst, Durham, NC; Liang Li, Chunxue Wang, Hao Li, Beijing Tiantan Hosp, Beijing, China; Haipeng Shen, Faculty of Business and Economics, Univ of Hong Kong, Hong Kong, China; Janet Betgger, Duke Univ Med Ctr, Duke Clinical Res Inst, Durham, NC; Yusong Pan, Yong Jiong, Xiaoming Yang, Xiangzhen Zhang, Beijing Tiantan Hosp, Beijing, China; Gregg C Faro, Ahmanson-UCLA Cardiomyopathy Ctr Ronald Reagan-UCLA Med Ctr, Los Angeles, CA; Eric D Peterson, Duke Univ Med Ctr, Duke Clinical Res Inst, Durham, NC; Lee H Schwamm, Dept of Neurology, Massachusetts General Hosp, Harvard Med Sch, Boston, MA; Ying Xian, Duke Univ Med Ctr, Duke Clinical Res Inst, Durham, NC; Yongjun Wang, Beijing Tiantan Hosp, Beijing, China

Poster Board Number LBP9 / Presentation Number LBP9

Improving Transitions in Acute Stroke Patients After They Return Home: Interim Results of the Michigan Stroke Transitions Trial (MIStT)
Mathew J Reeves, Michele C Fritz, Amanda T Woodward, Paul P Freddolino, Constantinos K Kourisaris, Sarah J Swirenenga, Majdeh Nasiri, Anne K Hughes, Michigan State Univ, East Lansing, MI

Poster Board Number LBP10 / Presentation Number LBP10

Intima-media Thickness Sub-study of the Prevention of Cardiovascular Events in iSchemic Stroke Patients with High Risk of Cerebral hemorrhage Study Without Xue, Dept of Neurology and Stroke Ctr, Samsung Med Ctr, Seoul, Republic of Korea; Sungyoung Yoon, Seoul, Republic of Korea; Yeo-Won Kim, Dept of Neurology and Stroke Ctr, Samsung Med Ctr, Seoul, Republic of Korea; Sungyoung Yoon, Seoul, Republic of Korea; Sun U Kwon, Dept of Neurology, Asan Med Ctr, Dept of Ulsan Coll of Med, Seoul, Republic of Korea; PICASSO-IMT Investigators

Poster Board Number LBP11 / Presentation Number LBP11

Preclinical Development of a Human Neural Stem Cell Extracellular Vesicle Therapy in Murine and Porcine Stroke Models
Emily W Baker, Robin L Webb, ArunA Biomedical, Inc, Athens, GA; Erin E Kaiser, Samantha Spellacy, Brian J Jurgielewicz, Univ of Georgia, Athens, GA; Stamatios K Kourisaris, Sarah J Swirenenga, Majdeh Nasiri, Anne K Hughes, Michigan State Univ, East Lansing, MI

Poster Board Number LBP12 / Presentation Number LBP12

Safety and Feasibility of Remote Ischemic Conditioning in Acute Ischemic Stroke Patients Treated with Endovascular Thrombectomy: A Pilot Study
Wenbo Zhao, Fang Jiang, Siye Li, Jian Chen, Jiangan Duan, Xuming Ji, Xuanwu Hosp, Beijing, China
Poster Board Number LBP13 / Presentation Number LBP13
Reversal of Dagibatran Anticoagulation with Idarucizumab in Patients with Intracranial Hemorrhage: Subanalysis of RE-VERSE AD
Thorsten Steiner, Klinikum Frankfurt-Höchst, Frankfurt am Main and Heidelberg Univ Hosp, Heidelberg, Germany; Paul A Reilly, Boehringer Ingelheim, Ridgefield, CT; Joanne van Ryn, Boehringer Ingelheim, Biberach, Germany; Jeffrey W Weitz, McMaster Univ, Hamilton, ON, Canada; Charles V Pollack, Jr, Thomas Jefferson Univ, Emergency Med, Philadelphia, PA; Richard A Bernstein, Northwestern Univ, Chicago, IL

Poster Board Number LBP14 / Presentation Number LBP14
Effect of a Nationwide Stroke Centers Network on Key Processes of Evidence-based Acute Stroke Care in China
Feng Yuan, Dept of Neurosurgery, Xuanwu Hosp, Capital Med Univ, Beijing, China; Longde Wang, The Natl Health and Family Commission, Beijing, China; Xuming Ji, Dept of Neurosurgery, Xuanwu Hosp, Capital Med Univ, Beijing, China; Yong Hua, Xuanwu Hosp, Capital Med Univ, Beijing, China; Lipin Qiao, Hongqi Zhang, Feng Ling, Dept of Neurosurgery, Xuanwu Hosp, Capital Med Univ, Beijing, China

Poster Board Number LBP15 / Presentation Number LBP15
ADAPT Reperfusion with ACE64 and ACE68 Is Safe and Effective in Large Vessel Occlusions of the Anterior Circulation – The PROMISE Registry Results
Peter Schramm, Univkliniken Schleswig-Holstein, Lübeck, Germany; Pedro Navia, 2Hosp Univirio Donostia, San Sebastian, Guipuzcoa, Spain; Rosario Papa, AOU Policlinico, Messina, Italy; PROMISE Trial Investigators

Poster Board Number LBP16 / Presentation Number LBP16
S100A1, a Calcium Binding Protein and Novel Regulator of Endothelial Nitric Oxide Synthase (eNOS or NOS3), in Ischemic Stroke
Sumbdi Fatima, Chirayukumari Pandya, Kuman Valbhar, Noor Ul H Rao, Mohammad B Khan, Rafay Chaudhary, Krishnan M Dhandapani, Babak Baban, David C Hess, Md Nasrul Huda, Augusta Univ, Augusta, GA

Poster Board Number LBP17 / Presentation Number LBP17
Global Variation and Burden of Hemorrhagic Stroke
Steven O’Donnell, Rizwan Kalani, David Tirschwell, Univ of Washington, Harborview Med Ctr, Seattle, WA; Gregory Roth, Catherine Johnson, Valery Reigin, Univ of Washington, Seattle, WA

Poster Board Number LBP18 / Presentation Number LBP18
Effectiveness of the Stroke Riskometer App for Primary Stroke Prevention: A Pilot RCT
Rita V Krishnamurthi, Rohit Bhattacharjee, Priya Farmar, Ann George, Alice Theadom, Denise Wilton, AUT Univ, Auckland, New Zealand; Lynette Tippett, Alan Barber, Suzanne Barker-Collo, The Univ of Auckland, Auckland, New Zealand; Kevin Sheth, Yale Sch of Med & Yale New Haven Hosp, Connecticut, NJ; Yogini Rathnasabapathy, Waitemata District Health Board, Auckland, New Zealand; Valery Lvovitch Felgin, AUT Univ, Auckland, New Zealand

Poster Board Number LBP19 / Presentation Number LBP19
THRIVES: Randomized Controlled Trial of a Multipronged Intervention to Improve Blood Pressure Control Among Stroke Survivors
Bruce Oviabieje, Med Univ of South Carolina, Charleston, SC; Rufus Akinyemi, Med Univ of Ibadan, Ibadan, Nigeria; Mutugeta Gebregziabhler, Med Univ of South Carolina, Charleston, SC; Oyedumi Arulogun, Ezinne Uwere, Univ of Ibadan, Ibadan, Nigeria; Rasile Sauslon, Kevin Armstrong, Med Univ of South Carolina, Charleston, SC; Babatunde Salako, Olarewaju Olaniyi, Univ of Ibadan, Ibadan, Nigeria; Samantha Hurst, Univ of California, San Diego, San Diego, CA; Mayowa Ovolabi, Univ of Ibadan, Ibadan, Nigeria

Poster Board Number LBP20 / Presentation Number LBP20
Outcome Impact of Day-1 Extravascular ICA Patency in Stroke Patients with Tandem Occlusions
Thomas Personnic, Hilde Hemon, Laurent Estrade, Labreuche Julien, Marc Ferrigino, Nicolas Bricout, Lille Univ Hosp, Lille, France

Poster Board Number LBP21 / Presentation Number LBP21
TrkB Receptor Activation and Improvements in Recognition and Spatial Memory in Neonatal Mice Following Perinatal HI in an Estrogen Receptor Dependent Way
Dilla Zafer, Vishal Chhana, Waisman Ctr, Univ of Wisconsin, Madison, WI; Damla Hanalioğlu, Hacettepe Univ, Sch of Med, Ankara, Turkey; Letlloya Melengiz, Acibadem Univ, Istanbul, Turkey; Molly Serebin, Kaylyn Freeman, Peter Ferrazzano, Waisman Ctr, Univ of Wisconsin, Madison, WI; Jon E Levine, Dept of Neuroscience, Univ of Wisconsin, Madison, WI; Pelin Cengiz, Waisman Ctr, Univ of Wisconsin, Madison, WI

Poster Board Number LBP22 / Presentation Number LBP22
Severity Distributions in Patients with Low NIHSS Ischemic Stroke: A Comparative Analysis of PRISMS and MaRIS
Negar Asadali, Hannah Gardner, Univ of Miami Miller Sch of Med, Miami, FL; Jenny Davenport, Genentech Inc, San Francisco, CA; Isetz Campo-Bustillo, Univ of Miami Miller Sch of Med, Miami, FL; Edna Kavuma, The American Heart Association, Dallas, TX; Barbara Purdon, Genentech Inc, San Francisco, CA; Joseph P Broderick, Univ of Cincinnati Coll of Med, Cincinnati, OH; Lee Schwamm, Massachusetts General Hosp, Boston, MA; Eric E Smith, Hetchkiss Brain Inst, Univ of Calgary, Calgary, AB, Canada; Ralph L Sacco, Univ of Miami Miller Sch of Med, Miami, FL; Jeffrey L Saver, Univ of California Los Angeles, Los Angeles, CA; Jose G Romano, Univ of Miami Miller Sch of Med, Miami, FL; Pooja Khatri, Univ of Cincinnati Coll of Med, Cincinnati, OH; On behalf of MaRIS and PRISMS Investigators

Poster Board Number LBP23 / Presentation Number LBP23
Targeting PI3-Kinase Gamma for Thrombolytic Therapy in a Rat Model of Embolic Stroke
Rong Jin, Penn State Coll of Med, Hershey, PA; Adam Y Xiao, LSUHSC-Shreveport, Shreveport, LA; Jarvis Li, Hershey High Sch, Hershey, PA; Min Wang, Shan Liu, Guohong Li, Penn State Coll of Med, Hershey, PA

Poster Board Number LBP24 / Presentation Number LBP24
Intracerebral Hemorrhage Produces Differential Expression of Genes in Periperal Blood
Boryana Stavova, Bradley P Ander, Glen Jickling, Farah Hamade, Marc Durocher, Xinhua Zhan, Da Zhi Liu, Xiyuan Cheng, Heather Hull, Natasha Shroff, Frank Sharp, UC Davis Sch of Med, Sacramento, CA

Poster Board Number LBP26 / Presentation Number LBP26
Development and Validation of Clinical Prediction Rules to Classify Type of Stroke at Prehospital
Uchida Kazutaka, Hyogo Coll of Med, Nishinomiya, Japan

Poster Board Number LBP27 / Presentation Number LBP27
Fully Automated Insonation of the MCA Using a Robotically Controlled Transcranial Doppler Ultrasound Probe
Robert Hamilton, Shankar Radhakrishnan, Michael O’Brien, Mina Ranjbaran, Ilyas Patanam, Mateo Scheidt, Danielle Seth-Hunter, Samuel Thorpe, Seth J Wilk, Corey M Thibeault, Neural Analytics, Los Angeles, CA

Poster Board Number LBP28 / Presentation Number LBP28
Electronic Decision Support for Improvement of Contemporary Therapy for Stroke prevention (EDICTS)
Seemant Chaturvedi, Univ of Miami Miller Sch of Med, Miami, FL; Adam Kelly, Univ of Rochester Sch of Med, Rochester, NY; Shyam Prabhakaran, Northwestern Univ Feinberg Sch of Med, Chicago, IL; Gustavo Saposnik, Univ of Toronto Sch of Med, Toronto, ON, Canada; Lilly Lee, Jackson Memorial Hosp, Miami, FL; Amer Malik, Univ of Miami Miller Sch of Med, Miami, FL; Christine Boerman, Univ of Rochester Sch of Med, Rochester, NY; Gayle Serlin, Univ of Miami Miller Sch of Med, Miami, FL

Poster Board Number LBP29 / Presentation Number LBP29
Effect of Penetrating Arteries Atherosclerosis Detected by 7T MRI in Patients with Deep Isolated Ischemic Stroke
Haiqiang Qin, Dept of Neurology, Beijing Tiantan Hosp, Capital Med Univ, Beijing, China; Zihao Zhang, State Key Lab of Brain and Cognitive Science, Beijing MR Ctr for Brain Res, Inst of Biophysics, Chinese Acad of Sciences, Beijing, China; Lina Jing, Radiology Dept, Beijing Neurosurgical Inst, Beijing Tiantan Hosp, Capital Med Univ, Beijing, China; Qingke Kong, Univ of Chinese Acad of Sciences, Beijing, China; Yan Zhao, State Key Lab of Brain and Cognitive Science, Beijing MR Ctr for Brain Res, Inst of Biophysics, Chinese Acad of Sciences, Beijing, China; Yifeng Wang, Liling Liu, Xingquan Zhao, Yongjun Zhang, Dept of Neurology, Beijing Tiantan Hosp, Capital Med Univ, Beijing, China

Poster Board Number LBP30 / Presentation Number LBP30
Longitudinal Gene Expression Profiling Identifies Immune Components as a Predominant Molecular Signature Across Post-stroke Stages in Mice
Preventing Cognitive Decline and Dementia from Cerebral Small Vessel Disease: The LACI-1 Trial
Joanna M Wardlaw, Gordon W Blair, Univ of Edinburgh, Edinburgh, United Kingdom; Jason P Appleton, Katie Flaherty, Nikola Sprigg, Univ of Nottingham, Nottingham, United Kingdom; Fergus Doubal, Julia Boyd, Univ of Edinburgh, Edinburgh, United Kingdom; Richard Dooley, Carla Richardson, Univ of Nottingham, Nottingham, United Kingdom; Iona Hamilton, Univ of Edinburgh, Edinburgh, United Kingdom; Zhe-Kang Law, Univ of Nottingham, Nottingham, United Kingdom; Yulu Shi, Univ of Edinburgh, Edinburgh, United Kingdom; Philip M Bath, Univ of Nottingham, Nottingham, United Kingdom

A Common Data Language for Clinical Research Studies: Review and Updates to the National Institute of Neurological Disorders and Stroke and National Library of Medicine Unruptured Cerebral Aneurysms and Subarachnoid Hemorrhage Common Data Elements Version
Muniza Sheikh, Sherita Ala'i, Joy Esterlitz, The Emmes Corp, Rockville, MD; R Loch Macdonald, Univ of Toronto, Toronto, ON, Canada; Jose I Suarez, Johns Hopkins Univ Sch of Med, Baltimore, MD

Accuracy and Validity of Intravascular Ultrasound as a Clinical Adjunct for Cerebral Venous Sinus Stenosis
Feng Yan, Xuming Ji, Yang Hua, Ligun Jiao, Hongqi Zhang, Feng Ling, Xuanwu Hosp, Capital Med Univ, Beijing, China

Time and Severity Dependent EMS Stroke Triage in King County, Washington: A Population Based Study
David L Tirschwell, Harborview Med Ctr, Seattle, WA; Jamie M Emert, Thomas D Rea, King County EMS, Seattle, WA; Michael R Sayre, Seattle Fire Dept/ Harborview Med Ctr, Seattle, WA; Sheila Smith, Nirav Shah, Swedish Med Ctr, Seattle, WA; Fatima Milfred, Roby Ryan, Virginia Mason Med Ctr, Seattle, WA; Michael Previti, Valley Med Ctr, Renton, WA; David J Likosky, Evergreen Med Ctr, Kirkland, WA; for the King County Stroke QI Collaborative
Acute Endovascular Treatment Moderated
Poster Tour II

SECTION 1

Moderator: Italo Linfante, MD, Miami, FL

Poster Board Number MP1 / Presentation Number TMP1

Post-interventional Contrast Staining After Endovascular Thrombectomy Does Not Influence Clinical Prognosis
Hong An, China-AmericaInst of Neuroscience, Xuanwu Hosp, Capital Med Univ, Beijing, China; Wenbo Zhao, Dept of Neurology, Xuanwu Hosp, Capital Med Univ, Beijing, China; Yuchuan Ding, Xunming Ji, China-America Inst of Neuroscience, Xuanwu Hosp, Capital Med Univ, Beijing, China

Poster Board Number MP2 / Presentation Number TMP2

Mechanical Thrombectomy in the Oldest of the Old: Is 90 the New 60?

Poster Board Number MP3 / Presentation Number TMP3

Age-adjusted Infract Volume Cut-off for Favorable Outcome After Large Vessel Occlusion Stroke Endovascular Therapy
Mehdi Bouslama, Diogo C Haussen, Jonathan A Grossberg, Clara M Barreira, Emory Univ/Grady, Atlanta, GA; Seena Dehkharghani, NYU, New York, NY, Srikanant Rangaraju, Michael R Frankel, Emory Univ/Grady, Atlanta, GA; Albert Yoo, Texas Stroke Inst, Dallas, TX; Raul G Nogueira, Emory Univ/Grady, Atlanta, GA

Poster Board Number MP4 / Presentation Number TMP4

Hemorrhage and Recoeclaration Rates in Stroke Patients on Antiplatelets Treated with Mechanical Thrombectomy
Taylor K Peabody, Glenn L Pride, Univ of Texas Southwestern Med Ctr, Dallas, TX; Michael T Freeholer, Vanderbilt Univ Med Ctr, Nashville, TN

Poster Board Number MP5 / Presentation Number TMP5

Acute Ischemic Stroke Due to Large Vessel Occlusions: Incremental Benefits of IV tPA Alone and Mechanical Thrombectomy Added to IV tPA
Dashiell F Young-Saver, Jeffrey Gornbein, Sidney Starkman, Jeffrey L Saver, Univ of Miami, Miami, FL; Adam H Siddiqui, Eilad I Levy, Hussain Shallalwani, Univ at Buffalo, Buffalo, NY; Demetrios Lopes, Ahmed Saied, Rush Univ Med Ctr, Chicago, IL; Song J Kim, Diogo C Haussen, Raul G Nogueira, Emory Univ Sch of Med, Atlanta, GA; Tudor G Jovin, Ashwath Jadhav, Limaye Kaustubh, Univ of Pittsburgh Med Ctr, Pittsburgh, PA; Aquilina S Turk, Alejandro M Spiotta, Raymond D Turner, Med Univ of South Carolina, Charleston, SC; Leonardo B Brasilien, Travis Dumont, Univ of Arizona, Tucson, AZ; Jacob Cherian, Peter Kan, Baylor Coll of Med, Houston, TX; Eric Sauvageau, Ricardo A Hanel, Lyerly Neurosurgery-Baptist Health, Jacksonville, FL

Poster Board Number MP6 / Presentation Number TMP6

Endovascular Recanalization of Intracranial Arterial Stenosis in Patients with Recurrent or Progressive Symptoms Despite Medical Management
Amin Aghabrahim, Pedro Aguilar-Salinas, Roberta Santos, Lyerly Neurosurgery-Baptist Health, Jacksonville, FL; Adnan H Siddiqui, Eilad I Levy, Hussain Shallalwani, Univ at Buffalo, Buffalo, NY; Demetrios Lopes, Ahmed Saied, Rush Univ Med Ctr, Chicago, IL; Song J Kim, Diogo C Haussen, Raul G Nogueira, Emory Univ Sch of Med, Atlanta, GA; Tudor G Jovin, Ashwath Jadhav, Limaye Kaustubh, Univ of Pittsburgh Med Ctr, Pittsburgh, PA; Aquilina S Turk, Alejandro M Spiotta, Raymond D Turner, Med Univ of South Carolina, Charleston, SC; Leonardo B Brasilien, Travis Dumont, Univ of Arizona, Tucson, AZ; Jacob Cherian, Peter Kan, Baylor Coll of Med, Houston, TX; Eric Sauvageau, Ricardo A Hanel, Lyerly Neurosurgery-Baptist Health, Jacksonville, FL

Poster Board Number MP7 / Presentation Number TMP7

Intravenous Thrombolysis and Endovascular Treatment in Chronically Anticoagulated Patients with Ischemic Stroke in the United States: Analysis of Nationwide Inpatient Sample from 2006 to 2014
Ameer E Hassan, Valley Baptist Med Ctr, Harlingen, TX; Mohammad R Afzal, Texas Tech Univ Health Med Ctr El Paso, El Paso, TX; Omar Saeed, Zeenat Qureshi Stroke Inst, St Cloud, MN; Saqib Chaudhary, Univ of Pennsylvania, Philadelphia, PA; Adnan I Qureshi, Zeenat Qureshi Stroke Inst, St Cloud, MN

Acute Nonendovascular Treatment Moderated
Poster Tour II

SECTION 2

Moderator: Ken Butcher, MD, Edmonton, AB, Canada

Poster Board Number MP13 / Presentation Number TMP13

Individual Patient Data Meta-analysis of Hypothermia for Acute Ischaemic Stroke
Katie Flaherty, Univ of Nottingham, Nottingham, United Kingdom; Michael A De Georgia, Univ Hosp Cleveland Med Ctr, Cleveland, OH; Thomas M Hemmen, Univ of California, San Diego, CA; Rainer Kollmar, Univ of Erlangen-Nuernberg, Erlangen, Germany; Derk W Krieger, Cleveland Clinic Fdn, Cleveland, OH; Patrick Lyden, Cedars-Sinai Med Ctr, Los Angeles, CA; Jesper Perssonsson, Malmo Univ Hosp, Malmo, Sweden; katja Pironen, Helsinki Univ Central Hosp, Helsinki, Finland; Sven Pol, Univ Hosp Heidelberg, Heidelberg, Germany; Bart Van de Worp, Univ Med Ctr Utrecht, Utrecht, Netherlands; Philip M Bath, Univ of Nottingham, Nottingham, United Kingdom

Poster Board Number MP15 / Presentation Number TMP15

Penumbral Rescue by Normobaric O2 in Ischemic Stroke with Target Mismatch ProFile (PROOF)
Sven Pol, Dept of Neurology & Stroke, and Hertie Inst for Clinical Brain Research, Tuebingen Univ Hosp, Tuebingen, Germany; Jean-Claude Baron, INSERM U894/Ctr for Neurosciences and Psychiatry, and Dept of Neurology, Ctr Hospier St Anne, Univ Paris Descartes, Paris, France; Robin Lemmens, KU Leuven - Univ of Leuven, Dept of Neurosciences, Experimental Neurology; Univ Hosp Leuven, Dept of Neurology, Leuven, Belgium; Patrik Michel, Stroke Ctr, Neurology Service, Ctr Hospier Univire Vaudois (CHUV) and Univ of Lausanne, Lausanne, Switzerland; Robert Mikulik, Comprehensive Stroke Ctr, Neurology Dept of the St Anne’s Univ Hosp, Brno, Czech Republic; Carlos Molina, Stroke Unit, Vall d’Hebron Univ Hosp, Barcelona, Spain; Daniel Strbian, Dept of Neurology, Helsinki Univ Central Hosp, Helsinki, Finland; Turgut Tatlisumak, Univ of Gothenburg and Sahlgrenska Univ Hosp, Gothenburg, Sweden; Guillaume Turc, INSERM U894/Ctr for Neurosciences and Psychiatry, and Dept of Neurology, Ctr Hospier St Anne, Univ Paris Descartes, Paris, France; Jens Fiehler, Eppdata and Neuroradiology at Univ Med Ctr Hamburg-Eppendorf, Hamburg, Germany; Holm Graessner, Rare Disease Ctr Tuebingen and Inst of Medical Genetics and Applied Genomics, Univ Hosp Tuebingen, Tuebingen, Germany; Johannes Hüsing, Ctr for Clinical Trials Heidelberg der Univ Hosp Heidelberg, Heidelberg, Germany; Jean Montaner, Fundacio Hosp Univ Vall d’Hebron - Inst de Recerca (VHIR), Barcelona, Spain; Susanne Siemonsen, Eppdata and Neuroradiology at Univ Med Ctr Hamburg-Eppendorf, Hamburg, Germany; Eivind Bege, Dept of Cardiology, Oslo Univ Hosp, Oslo, Norway; Gary Randall, Stroke Alliance for Europe, London, United Kingdom; Peter Rosenberger, Dept of Anesthesiology and Intensive Care Med, Tuebingen Univ Hosp, Tuebingen, Germany; David Gordon, Jeremy Liff, New York Univ, New York, NY; Erica Scher, David Turkel-Parella, Ambojoo Tiwari, Jeffrey Farkas, New York Univ, Brooklyn, NY; Patrick Lyden, Cedars-Sinai Med Ctr, Los Angeles, CA; Jesper Perssonsson, Malmo Univ Hosp, Malmo, Sweden; katja Pironen, Helsinki Univ Central Hosp, Helsinki, Finland; Sven Pol, Univ Hosp Heidelberg, Heidelberg, Germany; Bart Van de Worp, Univ Med Ctr Utrecht, Utrecht, Netherlands; Philip M Bath, Univ of Nottingham, Nottingham, United Kingdom

Poster Board Number MP16 / Presentation Number TMP16

Perspectives of Emergency Department Providers in a Telestroke Network
Steven M O’Donnell, Jaleen Smith, Holly K Ledyard, Jennifer J Majersik, Univ Utah, Salt Lake City, UT
Impaired Perfusion Imaging Predicts Recurrent Cerebrovascular Events in Symptomatic Large Vessel Stenosis

Poster Board Number MP18 / Presentation Number TMP18

Heparin Resistance Is an Independent Predictor of Poor Outcome in Cerebral Venous Sinus Thrombosis
Nazan Aksan, Edgar Samaniego, Amir Shaban, Univ of Iowa, Iowa City, IA; Fzzeel Siddiqui, Southern Illinois Univ, Carbondale, IL; Blyue Dai, Uzair Ahmed, Julia Granich, Binbin Zheng-Lin, Jorge Morcuende, Harold Adams, Enrique Leira, Santiago Ortue- Gutierrez, Univ of Iowa, Iowa City, IA

Poster Board Number MP19 / Presentation Number TMP19

Long Term Functional Outcome of Intravascular Alteplase Administered Over Telestroke
Sami A Kasab, Univ of Iowa, Iowa City, IA; Jillian Harvey, Christopher Reardon, Mohammad Anadani, Ellen Debenham, Nancy Turner, Patricia Ayss, Christine Ann Holmstedt, Med Univ of South Carolina, Charleston, SC

Poster Board Number MP20 / Presentation Number TMP20

Small Vessel Occlusion Is a High Risk Etiology of Early Recurrent Stroke After Transient Ischemic Attack
Tomoyuki Obara, Toshiyuki Uehara, Rieko Suzuki, Shoichi Sato, Mikito Hayakawa, Kazunori Toyoda, Kazuo Minematsu, Nati Cerebral and Cardiovascular Center, Suita, Japan

Poster Board Number MP22 / Presentation Number TMP22

Safety of Pretreatment with Dual Antiplaetelet Therapy in Intravenous Thrombolysis for Acute Ischemic Stroke
Nitin Goyal, Univ of Tennessee Health Science Ctr, Memphis, TN; Georgiev Iosvavouli, “Altkin” Univ Hosp, Natl and Kapodistrian Univ of Athens, Athens, Greece; Ali Kerro, Univ of Tennessee Health Science Ctr, Memphis, TN; Aristeidis H Katsanos, “Altkin” Univ Hosp, Natl and Kapodistrian Univ of Athens, Athens, Greece; Rashi Krishnan, Univ of Tennessee Health Science Ctr, Memphis, TN; Konark Malhotra, West Virginia Univ Charleston Div, Charleston, WV; Abhi Pandhi, Peter Duden, Aman Deep, Reza Bavarsad Shahripour, Tomas Bryndziar, Katherine Nearing, Boris Chulpayev, Anne W Holmstedt, Med Univ of South Carolina, Charleston, SC

Safety of Infusion of Young Microbiome on Recovery in Aged Mice After Ischemic Stroke
Short Chain Fatty Acids Mediate the Beneficial Effects of Young Microbiome on Recovery in Aged Mice After Ischemic Stroke
Junyeong Lee, McGovern Med Sch, UTHealth at Houston, Houston, TX; Bhanu P Ganesh, Baylor Coll of Med, Houston, TX; Monica Spychala, McGovern Med Sch, UTHealth at Houston, Houston, TX; Nigirpreddy Puthuri, Nadim J Ajami, David J Burgan, Robert Bryan, Baylor Coll of Med, Houston, TX; Louise D McCullough, Venugopal R Venna, McGovern Med Sch, UTHealth at Houston, Houston, TX

Poster Board Number MP25 / Presentation Number TMP25

D-4f Treatment of Stroke in T2dm Mice Increases Abca1 Signaling and Promotes Neurorestorative Effects
Poormina Venkat, Xu Cui, Michael Chopp, Alex Zacharek, Peng Yu, Yi Shen, Jieli Chen, Henry Ford Hosp, Detroit, MI

Poster Board Number MP27 / Presentation Number TMP27

Tgalpha Protects Oligodendrocytes Against Ischemic Injury and Promotes White Matter Integrity After Stroke
Xuejiao Dai, Jingyan Zhao, Fei Xu, Wei Bai, Jun Chen, Univ of Pittsburgh, Pittsburgh, PA; Xiaoming Hu, Univ of Pittsburgh, Pittsburgh, PA

Poster Board Number MP28 / Presentation Number TMP28

Inhibition of Integrin αβ, with the Small Peptide Atm-161 Reduces Infarct Volume and Improves Functional Recovery Through Reduction of Blood-brain Barrier Permeability
Danielle Edwards, Kathleen Salmeron, Justin F Fraser, Gregory J Bix, Univ of Kentucky, Lexington, KY

Poster Board Number MP29 / Presentation Number TMP29

Type II Diabetes Induces an Early Decline of Neurogenesis with Increased Morphological Alteration in Neurobiasts
Gretianne Nabilber, Atsushi Kanoko, UCSF and SFVAMC, San Francisco, CA; Mathieu AP Dayrac, Claudia Petritsch, UCSF, San Francisco, CA; Jialing Liu, UCSF and SFVAMC, San Francisco, CA

Poster Board Number MP30 / Presentation Number TMP30

Activation of Neuronal NMDA Receptors After Ischememia Sign to Trigger Neuronal II-4 Production: Role in Microglia Polarization
Shun-Ming Ting, Xuorong Zhao, Guanghua Sun, Alexis S Mobyly, Xueping Zheng, Jaroslav Aronowski, UTHSC McGovern Med Sch, Houston, TX

Poster Board Number MP31 / Presentation Number TMP31

Exosomes Role in Brain Repair and Recovery in Stroke: A Dose Response Study

Poster Board Number MP32 / Presentation Number TMP32

Ischemic Stroke Causes Vascular Regression in Type-II Diabetic Male Rats: Potential Role of Regulated Cell Death Mechanisms
Yasir Abdul, Weiguo Li, Rebecca Ward, Augusta Univ, Augusta, GA; Sherif Hafez, Larkin Univ, Miami, FL; Mohammed Abdesalad, Mercer Univ, Savannah, GA; Guangkou Dong, Susan Fagan, Adivey Ergul, Augusta Univ, Augusta, GA

Poster Board Number MP33 / Presentation Number TMP33

TXA303 Promotes Permanent Functional Recovery with Delivery Initiated Up to 4 Weeks After Stroke in Multiple Rodent Models
Anthony D Caggiano, Jennifer Fer Iaci, Acorda Therapeutics, Inc, Ardsley, NY; A Elizabeth Wagner, Richard Franklin, Constant Pharmaceuticals, Cambridge, MA

Poster Board Number MP34 / Presentation Number TMP34

Effects of Exercise Training on Splenocytes and Recovery in a Stroke Model
Bing Yang, Duyen M Nghiem, Xiaopet Xi, Jaroslav Aronowski, Sean Savitz, UTHSC Med Sch Houston, Houston, TX

Poster Board Number MP35 / Presentation Number TMP35

CD200-CD200R1 Inhibitory Signaling Attenuates Neuroninflammation and Reduces Behavioral Deficits Following Ischemic Stroke
Rodney M Ritzel, Univ of Maryland, Baltimore, MD; Abdullah A Mamun, Univ of Texas-Houston Health Science Ctr, Houston, TX; Joshua D Crapser, Rajkumar Verma, Anita R Patel, Brittany E Knight, Nia M Harris, Nickolas S Mancini, Univ of Connecticut, CT; Fudong Liu, Louise D McCullough, Univ of Texas-Houston Health Science Ctr, Houston, TX

Poster Board Number MP36 / Presentation Number TMP36

Sex Differences in Neutrophil-T Cell Immune Responses and Outcome After Ischemic Stroke in Aged Mice
Hilda Arnestedt, Anthony Patrizz, Meaghan Roy-O’Reilly, Monica Spyca, Jadiera Bravo Alegria, Anjali Chauhan, Louise D McCullough, McGovern Med Sch at the Univ of Texas Health Science Ctr, Houston, TX
SECTION 4

Moderator: TBD

Poster Board Number MP37 / Presentation Number TMP37

Social Network Size at Stroke Onset Is Associated with 3 and 6-month Stroke Outcomes
Amar Dhand, Brigham & Women’s Hosp, Boston, MA; Douglas Luke, Washington Univ in St Louis, St Louis, MO; Angela Kim, Steven K Feske, Brigham & Women’s Hosp, Boston, MA; Catherine E Lang, Jin-Moo Lee, Washington Univ Sch of Med, St Louis, MO

Poster Board Number MP38 / Presentation Number TMP38

Comorbidities Drive Chronic Post-stroke Fatigue
Karen Chen, Elisabeth B Marsh, Johns Hopkins Univ, Baltimore, MD

Poster Board Number MP39 / Presentation Number TMP39

Patterns of Discharge Antidepressant Therapy Use After Acute Ischemic Stroke: Insights from the Prosper Study
Shreyansh Shah, Haoxin Xu, Ying Xian, Duke Univ, Durham, NC; Lesley Maisch, Patient Investigator, Amherst, NY; Deidre Hannah, Patient Investigator, Richland Hills, TX; Brianna Lindholm, Patient Investigator, Frisco, TX; Barbara L Lyle, Michael Pencina, Duke Univ, Durham, NC; Dai/Wei M Olson, Univ of Texas Southwestern Med Ctr, Dallas, TX; Eric E Smith, Univ of Calgary, Calgary, AB, Canada; Gregg C Fonarow, Univ of California Los Angeles, Los Angeles, CA; Lee H Schwamm, Massachusetts General Hosp, Boston, MA; Deepak L Bhatt, Brigham and Women’s Hosp, Boston, MA; Adrian F Hernandez, Emily C O'Brien, Duke Univ, Durham, NC

Poster Board Number MP41 / Presentation Number TMP41

Sensory Function Improvement After 5Hz Contralefetal rTMS in Chronic Stroke
Svetlana Pundik, Jessica McCabe, Margaret Skelly, Cleveland VA Med Ctr, Cleveland, OH; Curtis Tatsukasa, Heba Aklbari, Case Western Reserve Univ, Cleveland, OH; Ei Plow, Cleveland Clinic, Cleveland, OH

Poster Board Number MP42 / Presentation Number TMP42

Gait Adaptation in Virtual Reality: Does Baseline Spatio-temporal Asymmetry in Stroke Survivors Play a Role?
Mukul Mukherjee, Univ of Nebraska, Omaha, NE; Pierre Fayad, Univ of Nebraska Med Ctr, Omaha, NE; Troy Rand, Jessica Fujan-Hansen, Univ of Nebraska, Omaha, NE

Poster Board Number MP43 / Presentation Number TMP43

Rehabilitation Provider Type Influences Functional Outcome and Survival of Acute Ischemic Stroke Patients with Severe Neurological Deficits: Findings from the China National Stroke Registry II
Chelsea Liu, Duke Univ, Durham, NC; Wanying Duan, Lijing Liu, Yilong Wang, Yuesong Pan, Xia Meng, Chunjun Wang, Beijing Tiantan Hosp, Beijing, China; Ying Xian, Duke Clinical Res Inst, Durham, NC; Qinqing Yang, Duke Univ Sch of Nursing, Durham, NC; Zixiao Li, Yongjun Wang, Beijing Tiantan Hosp, Beijing, China; Janet P Buetter, Duke Clinical Res Inst, Durham, NC

Poster Board Number MP44 / Presentation Number TMP44

Neurological Severity and Activities of Daily Life in Patients with Ischemic Stroke at Convalescent Rehabilitation
Joe Senda, Komaki City Hosp, Komaki, Aichi-pref, Japan; Keichi Ito, Tomomitsu Kotake, Masahiko Kanamori, Hideo Kishimoto, Kamiida Rehabilitation Hosp, Nagoya, Aichi-pref, Japan; Masahisa Katsuno, Gen Sobe, Nagoya Univ Graduate Sch of Med, Nagoya, Aichi-pref, Japan

Poster Board Number MP45 / Presentation Number TMP45

An Intensive Multidisciplinary Protocol for Improving Adherence to CPAP Therapy During Inpatient Rehabilitation May Improve Recovery in Stroke Patients
Sandee Min Khat, Heather Barnett, Jenny Six, Arielle Davis, Allison Kunze, Deborah Crane, Aaron Bun nell, Denise Li Lue, Marcia Criel, Korren Rappisi, Brett Thomazin, Barbara McCann, Charles Bombardier, Wt Longstreth Jr, Nathaniel Watson, Martha Billings, Univ of Washington, Seattle, WA

SECTION 5

Moderator: Hannah Gardner, MD, Miami, FL

Poster Board Number MP49 / Presentation Number TMP49

Impact of Aura and Status Migrainosus on Readmissions for Vascular Events After Migraine Admission
Lili Velickovic Ostojic, Mount Sinai Downtown, New York, NY; John W Liang, Thomas Jefferson Univ, Philadelphia, PA; Huma U Sheikh, Mount Sinai Downtown, New York, NY; Mandip S Dhamoon, Icahn Sch of Med at Mount Sinai, New York, NY; Steven Kautz, Colleen Hanlon, Med Univ of South Carolina, Charleston, SC; Steven C Cramer, Univ of California, Irvine, Irvine, CA; Paul M Thompson, Univ of Southern California, Marina del Rey, CA; on behalf of the ENIGMA Stroke Recovery working group

Poster Board Number MP50 / Presentation Number TMP50

Smoking Increases Risk of Ischemic Stroke in Young Men
Janina Markidan, John W Cole, Jose Merino-Juarez, Carolyn A Cronin, Michael Pipps, Marcella Wozniak, Steven J Kithner, Univ of Maryland Med Ctr, Baltimore, MD

Poster Board Number MP51 / Presentation Number TMP51

 Nationwide Estimates of Opioid Abuse in Young Stroke Patients
Hari Krishan R Indupuru, Christopher Fraher, Arvind B Bambhroliya, Elizabeth Meyer, Jennifer R Meeks, Farhaan Vahidy, Univ of Texas Health Science Ctr at Houston, Houston, TX

Poster Board Number MP52 / Presentation Number TMP52

Association of Chronic Kidney Disease and Intracranial Atherosclerotic Disease by High Resolution Vessel Wall MRI: The ARIC Study
Qing Hao, Rebecca Gottsmann, Ye Giao, Richa Sharma, Li Liu, Johns Hopkins Univ Sch of Med, Baltimore, MD; Elizabeth Selvin, Kunihiro Matsuhashi, Jose Corseh, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Bruce A Wasserman, Johns Hopkins Univ Sch of Med, Baltimore, MD
Poster Board Number MP53 / Presentation Number TMP53
Risk Profile of Stroke Among Young Africans: Evidence from the SIREN Study
Mayowa O Owoabi, Univ Coll Hosp, Ibadan, Nigeria; Fred Sarfo, KNUST, Kumasi, Ghana; Bruce Ovbiagele, Mulutegeta Gebregziabther, MUSC, SC; Onoja M Akpa, Univ of Ibadan, Ibadan, Nigeria; Kolaowale Wahab, Univ of Ilorin, Ilorin, Nigeria

Poster Board Number MP54 / Presentation Number TMP54
Stroke Incidence Among Atrial Fibrillation Patients Taking Novel Oral Anticoagulants (noacs) Compared to Warfarin
Max Shpak, Zottan Nadasy, Sarah Cannon Res Inst, Austin, TX; Matthew Cowperthwaite, St Davids Med Ctr, Austin, TX; Anurekha Ramakrishnan, Sarah Cannon Res Inst, Austin, TX; Kevin Ondrork, HCA, Nashville, TN, Christopher V Fanale, Swedish Med Ctr, Denver, CO

Poster Board Number MP55 / Presentation Number TMP55
Periodontal Disease Associated with Atrial Fibrillation, a Stroke Risk Factor
Kolby Redd, Souvik Sen, Univ of South Carolina, Columbia, SC; Kevin Moss, Univ of North Carolina - Chapel Hill, Chapel Hill, NC; Alvaro Alonso, Emory Univ, Atlanta, GA; Elsayed Soliman, Wake Forest Sch of Med, Winston Salem, NC; Jared Magnani, Univ of Pittsburgh Med Ctr, Pittsburgh, PA; Wayne Rosamond, James Beck, Stephen Offenbacher, Univ of North Carolina - Chapel Hill, Chapel Hill, NC

Poster Board Number MP56 / Presentation Number TMP56
Comparison of Incident Stroke in Veterans and Non-veterans in a National Cohort
Michael J Lyerly, Karen C Albright, Univ Alabama at Birmingham, Birmingham, AL; Gina M McCaskill, Birmingham VAMC, Birmingham, AL; Linda S Williams, Indianapolis VAMC, Indianapolis, IN; George Howard, Virginia J Howard, Univ Alabama at Birmingham, Birmingham, AL

Poster Board Number MP57 / Presentation Number TMP57
Left Atrial Dilatation: A Cohort Analysis with Strong Implications for Future Atrial Fibrillation and Stroke Monitoring
Muhammad Affan, Sumul Modi, Tom Smoot, Lonni Schultz, Abhimanyu Mahajan, Daniel Miller, Henry Ford Hosp, Detroit, MI

Poster Board Number MP58 / Presentation Number TMP58
Is Lactate Dehydrogenase Level a Biomarker of Ischemic Stroke in Ventricular Assist Device? Catherine Hassett, Cleveland Clinic Fdn, Cleveland, OH; Sung-Min Cho, Johns Hopkins Med Inst, Cleveland, OH; Cory Rice, Randall Starling, Ken Uchino, Cleveland Clinic Fdn, Cleveland, OH

Poster Board Number MP59 / Presentation Number TMP59
Predictors of Readmissions After Aneurysmal Subarachnoid Hemorrhage
John W Liang, Thomas Jefferson Univ, Philadelphia, PA; Lili Velickovic Ostojic, Mount Sinai Downtown, New York, NY; Laura Cifrese, Syed O Shah, Thomas Jefferson Univ, Philadelphia, PA; Mandip S Dhanoon, Mount Sinai Hosp, New York, NY

Poster Board Number MP60 / Presentation Number TMP60
Validation of an Education Gauge for Measuring Stroke Outreach Efforts
Tiffany Morgan, Aliza T Brown, Sanjeeva Onteddu, Renee Joiner, Tina Benton, William Culp, Curtis Lowery, UAMS, Little Rock, AR

Emergency Care/Systems Moderated TMP61 – TMP72
Poster Tour SECTION 6

Moderator: Joseph B Miller, MD, Superior Township, MI
Poster Board Number MP61 / Presentation Number TMP61
Acute Ischemic Stroke Emergency Department Arrival Times in the Extended Time Window Within a Population
Dawn G Kleindorfer, Charles J Moorman, Kathleen Alwell, Pooja Khatri, Daniel Woo, Matthew L Flaherty, Opeolu Adeoye, Univ of Cincinnati, Cincinnati, OH; Sharyl Martini, Baylor Univ, Houston, TX; Jason Mackey, Indiana Univ, Indianapolis, IN; Felipe De Los Rios La Rosa, Simona Ferioli, Brett M Kissela, Univ of Cincinnati, Cincinnati, OH

Poster Board Number MP62 / Presentation Number TMP62
Initial Neutrophil-lymphocyte Ratio Predicts Ischemic Stroke Outcomes After Thrombolytic Therapy
Konark Malhotra, Charleston Area Med Ctr, Charleston, WV; Sunil A Sheth, Univ of Texas Health McGovern Sch of Med, Houston, TX; Miesca McFarland, West Virginia Sch of Osteopathic Med, Lewisburg, WV; Nilton Goyal, Univ of Tennessee Health Science Ctr, Memphis, TN; Mike Broca, Charleston Area Med Ctr, Charleston, WV; Georgios Tsivgoulis, Attkon Univ General Hosp, Sch of Med, Univ of Athens, Athens, Greece

Poster Board Number MP63 / Presentation Number TMP63
Simplified SAVE Large Vessel Occlusion Prediction Scale Performs Similarly to More Complex Scales
Kevin J Keenan, Wade S Smith, Univ of California, San Francisco, San Francisco, CA

Poster Board Number MP64 / Presentation Number TMP64
Appropriateness of Hemorrhagic Stroke Destination Facilities in Severity-based Triage Algorithms for Emergency Medical Services

Poster Board Number MP65 / Presentation Number TMP65
Albert W Tsai, Paula G Lindgren, Megan M Hicks, James M Peacock, Minnesota Dept of Health, Saint Paul, MN

Poster Board Number MP66 / Presentation Number TMP66
Sustainably High Thrombolysis Rates Through SMART Criteria Training of Emergency Physicians: 10-Year Results
Nabi Barazangi, Dan McDermott, Charlene Chen, Christine Wong, Alan Yee, Michael Ke, Billy Gao, Jack Rose, Ann Bedenk, Susila Patel, Julia Fernandes, David Grosvener, David Tong, CPMC, San Francisco, CA

Poster Board Number MP67 / Presentation Number TMP67
Pre-hospital FAST-ED Initiatives Improve I-PA and Endovascular Treatment Times Camila Toce Carrion, Univ Peruana De Ciencias Aplicadas, Lima, Peru; Amy K Starosick, Maygret Ramirez, Ivis C Gonzalez, Virginia Ramos, Jayme Strauss, Felipe De Los Rios La Rosa, Baptist Health Neuroscience Ctr, Miami, FL

Poster Board Number MP68 / Presentation Number TMP68
ACT-FAST Algorithm: Parametric Validation of a 3-step Algorithmic Approach to Large Vessel Occlusion Identification
Henry Zhao, Lauren Pesavento, Edrich Rodrigues, Royal Melbourne Hosp & The Univ of Melbourne, Melbourne, Australia; Leonid Churliev, The Florey Inst of Neuroscience and Mental Health, Melbourne, Australia; Karen Smith, Stephen Bernard, Ambulance Victoria, Melbourne, Australia; Nawaf Yassi, Stephen M Davis, Bruce C Campbell, Royal Melbourne Hosp & The Univ of Melbourne, Melbourne, Australia

Poster Board Number MP69 / Presentation Number TMP69
Evaluating Paramedics on the “Finger-to-nose” Test Improves Recognition of Posterior Stroke
John Adam Ostema, Michigan State Univ Coll of Human Med and Spectrum Health, Grand Rapids, MI; Todd Chassee, Kent County EMS, Grand Rapids, MI; Allison Edberg, Metro Health, Wyoming, MI; William Saer, Mercy Health Saint Mary's, Grand Rapids, MI; Mathew Reeves, Michigan State Univ Coll of Human Med, Grand Rapids, MI

Poster Board Number MP70 / Presentation Number TMP70
The Need for Speed: Consistently Achieving Arrival to Recanalization Times in 90 Minutes or Less for Large Vessel Occlusion Ryan A McTaggart, Gino Paolucci, Katherine Quinn, Morgan Hemendinger, Grayson Baird, Richard Haas, Ali Saad, Mahesh Jayaraman, Rhode Island Hosp, Providence, RI

Poster Board Number MP71 / Presentation Number TMP71
Non-enhanced Computed Tomography to Computed Tomography Angiogram Performance Times: Telestroke versus Bedside Neurologists Andrew W Asimos, Jeremy B Rhoten, Sam J Singh, Enayetur Raheem, Rahul R Karanrachandi, Carolinas Med Ctr, Charlotte, NC

Poster Board Number MP72 / Presentation Number TMP72
Technological Innovation in a Mobile Stroke Treatment Unit Brandi Schimpf, Kathy Deanda, David A Severenuk, Tara M Montgomery, Gregory D Culp, Curtis Lowery, UAMS, Little Rock, AR
Moderator: TBD

**Poster Board Number MP73 / Presentation Number TMP73**

**Rehabilitation for Patients with Primary Intracerebral Hemorrhage Is Associated with Reduced 30-day Hospital Readmissions**
Arvind B Babambholya, Ellie G Meyer, Jennifer R Meeks, Kristen B Slaughter, Rihvij Bowry, Wamda O Ahmed, UT Health Science Ctr at Houston, Houston, TX; Gretchel A Gealogos, Steven Warach, Seton Dell Med Sch Stroke Inst, Austin, TX; Louise D McCullough, Tzu-Ching Wu, Charles E Begley, Jon E Tyson, Charles C Miller, Sean I Savitz, Farhaan S Vahidy, UT Health Science Ctr at Houston, Houston, TX

**Poster Board Number MP75 / Presentation Number TMP75**

**Clinical Care and Outcomes of Asian Acute Ischemic Stroke Patients**
Sarah Y Song, Rush Univ Med Ctr, Chicago, IL; Li Liang, Duke Clinical Research Inst, Durham, NC; Gregg Fonarow, UCLA, Los Angeles, CA; Eric E Smith, Univ of Calgary, Calgary, AB; Deepak L Shatt, Brigham and Women’s Hosp, Boston, MA; Roland Matsouaka, Duke Clinical Research Inst, Durham, NC; Ying Xian, Duke Univ Med Ctr, Durham, NC; Lee Schwamm, Massachusetts General Hosp, Boston, MA; Jeffrey L Saver, UCLA, Los Angeles, CA

**Poster Board Number MP76 / Presentation Number TMP76**

**Frequency of Evaluation for Stroke Risk Factors in Patients with Retinal Infarction**

**Poster Board Number MP77 / Presentation Number TMP77**

**To Treat or Not to Treat? A Survey Exploring Factors Influencing rt-PA Treatment Decisions for Minor Stroke**
Clotilde Balucani, Sarah Z Weingast, Jeremy Weedon, Dimitre G Stefanov, SUNY Downstate Med Ctr, Brooklyn, NY; Patricia Katz, Univ of California San Francisco, San Francisco, CA; Dana Hurley, Genentech, Inc, Seattle, WA; Pooja Khatri, Joseph P Broderick, Univ of Cincinnati, Cincinnati, OH; Scott E Kasner, Univ of Pennsylvania, Philadelphia, PA; James C Grotta, Memorial Hermann Hosp - Texas Med Ctr, Houston, TX; Edward Feldmann, Baystate Health, Springfield, MA; Peter D Panagakis, Washington Univ Sch of Med, St Louis, MO; Jose G Roman, Univ of Miami, Miami, FL; Riccardo Bianchi, SUNY Downstate Med Ctr, Brooklyn, NY; Brett C Meyer, UC San Diego Health, San Diego, CA; Phillip A Scott, Univ of Michigan, Ann Arbor, MI; Doojin Kim, David Geffen Sch of Med at UCLA, Santa Monica, CA; Steven R Levine, SUNY Downstate Med Ctr, Brooklyn, NY

**Poster Board Number MP78 / Presentation Number TMP78**

**Burden of Cerebrovascular Disease Among Adults Aged 35+ - United States 2006-2014**
Xin Tong, Matthew Ritchey, Quanhe Yang, Mary G George, Sandra L Jackson, Cathleen Gillespie, Robert Merritt, CDC, Atlanta, GA

**Poster Board Number MP79 / Presentation Number TMP79**

**Delays in Recognition of Perioperative Strokes Following Cardiac Surgery**
Joseph Horrnes, Anna Katema, J Kirk Edwards, Gregory Esper, Jose N Binongo, Yi Lasanajak, Brent Keeling, Michael Halkos, Fadi Nahab, Emory Univ, Atlanta, GA

**Poster Board Number MP80 / Presentation Number TMP80**

**Temporal Trends in Ischemic Stroke Mortality Stratified by Presence of Cancer**

**Poster Board Number MP81 / Presentation Number TMP81**

**Nationally Representative Estimates of Readmission Rates After Extracranial-intracranial Bypass Surgery for Moyamoya Disease**
Amanda Kahn, Gurmeet Kaur, Laura Stein, Stanley Tuhrim, Mandip S Dhamoon, Mount Sinai Sch of Med, New York, NY

**Poster Board Number MP82 / Presentation Number TMP82**

**When Does Having a Mobile Stroke Unit Make Sense in a Metropolitan Area from a Patient Outcome Perspective?**
Jessalyn K Holodinsky, Noreen Kamal, Charlotte Zerna, Luke Zhu, Michael D Hill, Mayank Goyal, Univ of Calgary, Calgary, AB, Canada
Determining the Relationship Between Cognitive Function and ex-vivo Poster Board Number MP98 / Presentation Number TMP98

A Role for Gut Dysbiosis in the Progression of Cerebral Small Vessel Disease
Josef Anrather, Costantino Iadecola, Weill Cornell Med, New York, NY
Giuseppe Faraco, Gang Wang, Monica M Santisteban, Haejoo Chang, Steven Segarra,
Dietary Salt Impairs Cognitive Function Through Suppression of Endothelial Poster Board Number MP94 / Presentation Number TMP94
OU Health Sciences Ctr, Oklahoma City, OK
Univ of Oklahoma Norman, Norman, OK; Elliott D Ross, Leslie Guthery, Calin I Prodan,
Angelia Kirkpatrick, OU Health Sciences Ctr, Oklahoma City, OK; Andrea S Vincent,
of Vascular Risk Factors and Decreases Hospitalization Rates
Poster Board Number MP93 / Presentation Number TMP93
Volfson, Tel Aviv Med Ctr, Tel-Aviv, Israel; Natan M Bornstein, Shaare Zedek Med Ctr,
Israel; Eitan Auriel, Carmel Med Ctr, Haifa, Israel; Shani Shenhar-Tsarfaty, Victoria
Unversity, Tel-Aviv, Israel; Efrat Kliper, Ludmila Shopin, Tel Aviv Med Ctr, Tel-Aviv,
Keep On Working Occupational Status Before and After Stroke Protects the Poster Board Number MP92 / Presentation Number TMP92
Vaidya, Diane M Becker, Johns Hopkins, Baltimore, MD; Lewis C Becker, Johns Hopkins, Mc Lean, VA; Dhananjay
White Matter Lesion Progression and Cognitive Function Over 5-years in a Poster Board Number MP91 / Presentation Number TMP91
Young Susceptible Population
Paul A Nyquist, Johns Hopkins, Mc Lean, VA; Lisa R Yanek, Brian G Kral, Johns
Hopkins, Baltimore, MD; Lewis C Becker, Johns Hopkins, Mc Lean, VA; Dhananjay Vaidya, Diane M Becker, Johns Hopkins, Baltimore, MD
Prevention of Stroke in Traumatic Cerebrovascular Injury with Aspirin Carries an Increased Risk of Transfusion
Mark Harrigan, Stephanie R Falatko, Russell L Griffin, Stella Aslibekeyan, Marisa
Marques, Virginia Strickland, UAB, Birmingham, AL
Poster Board Number MP90 / Presentation Number TMP90

White Matter Lesion Progression and Cognitive Function Over 5-years in a Young Susceptible Population
Poster Board Number MP98 / Presentation Number TMP98

Early Intervention in Vascular Mild Cognitive Impairment Improves Treatment of Vascular Risk Factors and Decreases Hospitalization Rates
Angelia Kirkpatrick, OU Health Sciences Ctr, Oklahoma City, OK; Andrea S Vincent,
Univ of Oklahoma Norman, Norman, OK; Elliott D Ross, Leslie Guthery, Calin I Prodan,
OU Health Sciences Ctr, Oklahoma City, OK
Poster Board Number MP94 / Presentation Number TMP94

Dietary Salt Impairs Cognitive Function Through Suppression of Endothelial Nitric Oxide Synthesis and Hippocampal BDNF Signaling
Giuseppe Paraco, Gang Wang, Monica M Santisteban, Haejoo Chang, Steven Segarra,
Josef Anrather, Costantin Ladeoke, Weill Cornell Med, New York, NY
Poster Board Number MP95 / Presentation Number TMP95

A Role for Gut Dysbiosis in the Progression of Cerebral Small Vessel Disease
Robert M Bryan, James W Nelson, David J Durgan, Baylor Coll of Med, Houston, TX
Poster Board Number MP96 / Presentation Number TMP96

Determining the Relationship Between Cognitive Function and ex-vivo Leptomeningeal Arteriole Function: A Study in Rapid Autopsy Brain Donors
Calvin Madrigal, Phoenix VA and Banner Univ Med Ctr, Phoenix, AZ; Seth Truran, Nina
Karamanouva, Phoenix VA, Phoenix, AZ; Geidy E Serrano, Thomas G Beach, Banner
Sun Health Res Inst, Sun City, AZ; Raymond O Migrino, Phoenix VA and U Arizona Coll Med-Phoenix, Phoenix, AZ
Preventive Strategies Moderated Poster Tour  TMP109 – TMP120

SECTION 10

Moderator: Dominique Cadilac, BN, PhD, Clayton, Australia

Poster Board Number MP109 / Presentation Number TMP109
Remote Platelet Function Testing Using Measurement of P-selectin in Patients in the Triple Antipla telets for Reducing Dependency in Ischaemic Stroke (TARDIS) Trial
Lisa J Woodhouse, Natalia Dovlatova, Jane May, Stan Heptinstall, Philip M Bath, Univ of Nottingham, Nottingham, United Kingdom

Poster Board Number MP110 / Presentation Number TMP110
The Correlation of Through Plasma Concentration of Dabigatran and CES1 Genotype with Major Bleeding in Stroke Patients
Ales Tomek, Petr Janský, Anna Ošlerová, Anna Boudníková, Petr Kešner, Ivana Šarbochová, Tereza Řížňová, Hana Magerová, Jaroslava Paulasová, Schwabová, 2nd Med Faculty, Charles Univ, Prague 5, Czech Republic, Vojtěch Kaplan, Zuzana Lacinová, Vladimír Matoska, Na Homolce Hosp, Prague, Czech Republic

Poster Board Number MP111 / Presentation Number TMP111
Physical Activity Among Stroke Patients in the Discharge Educational Strategies for Reduction of Vascular Events (DESERVE) Study
Jie Sun, Emily Goldmann, Nina S Parikh, Noa Appleton, Bernadette Boden-Albala, New York Univ, New York, NY

Poster Board Number MP112 / Presentation Number TMP112
Left Atrial Enlargement Is Associated with Anticoagulation Failure in Patients with Acute Ischemic Stroke and Atrial Fibrillation
Katarína Dakay, Andrew D Chang, Morgan Hemendinger, Shawna M Cutting, Ryan A McTaggart, Mahesh V Jayaraman, Antony Chu, Nikhil Panda, Christopher Song, Katarina Dakay, Andrew D Chang, Morgan Hemendinger, Shawna M Cutting, Ryan A McTaggart, Mahesh V Jayaraman, Antony Chu, Nikhil Panda, Christopher Song

Poster Board Number MP113 / Presentation Number TMP113
Do Preceding Direct Oral Anticoagulants Make Stroke Milder in Patients with Atrial Fibrillation? K-PLUS Registry
Makoto Nakamura, Graduate Sch of Med Sciences, Kumamoto Univ, Kumamoto, Japan; Yasuhiro Nishiura, Minamata City General Hosp, Minamata, Japan, K-PLUS Investigators

Poster Board Number MP114 / Presentation Number TMP114
Oxidized Low Density Lipoprotein Predicts Recurrent Stroke in Patients with Minor Stroke or Transient Ischemic Attack
Anxin Wang, Xia Meng, Yongjun Wang, Yilong Wang, Beijing Tianan Hosp, Beijing, China

Poster Board Number MP115 / Presentation Number TMP115
Identifying Overlooked Risk Factors for Stroke from a Prediction Model Constructed from Half A Million Adults in Taiwan
Chi Pang Wen, NHRI, Zhunan, Taiwan; Chung-Yi Hsu, China Med Univ, Taichung, Taiwan; June Han Lee, Po Jung Lu, Min Kuang Tsai, NHRI, Zhunan, Taiwan

Poster Board Number MP116 / Presentation Number TMP116
Predictors of Readmissions Following Percutaneous Patent Foramen Ovale Closure in a Nationally Representative Dataset
Laura K Stein, Gurmeet Kaur, Icahn Sch of Med at Mount Sinai, New York, NY; John Liang, Thomas Jefferson University Hosp, Philadelphia, PA; Stanley Tuhim, Stanley Tuhim, Mandip S Dhanoon, Icahn Sch of Med at Mount Sinai, New York, NY

Poster Board Number MP117 / Presentation Number TMP117
Characterization of Patients with Embolic Strokes of Uncertain Source in the Navigate-ESUS Trial
Scott E Kasner, Univ of Pennsylvania, Philadelphia, PA; Mukul Sharma, Population Health Res Inst and McMaster Univ, Hamilton, ON, Canada; Youngjun Wang, Yilong Wang, Beijing Tianan Hosp, Capital Med Univ, Beijing, China; Pablo Lavados, Clinica Alemana de Santiago, Univ del Desarrollo, Univ de Chile, Santiago, Chile; Antoni Davalos, Hosp Univri Germans Trias i Pujol, Barcelona, Spain; Nikolay Shamalov, Pirogov Russian Natl Med Univ, Moscow, Russian Federation; Arne Lindgren, Skane Univ Hosp, Lund Univ, Lund, Sweden; Shinichiro Uchiyama, Sanno Hosp and Sanno Med Ctr, Tokyo, Japan; Luis Cunha, Ctr Hosp e Univ de Coimbra, Coimbra, Portugal; Robert Hart, Population Health Res Inst and McMaster Univ, Hamilton, ON, Canada; Hardi Mundi, Bayer AG, Wuppertal, Germany; Stuart J Connolly, Population Health Res Inst and McMaster Univ, Hamilton, ON, Canada; The NAVIGATE ESUS Investigators

Poster Board Number MP118 / Presentation Number TMP118
Outcomes of Previously Identified Transient Ischemic Attack Among Acute Ischemic Stroke Hospitalization and Predictors of Fatal Stroke

Poster Board Number MP119 / Presentation Number TMP119
The Second Report of Japanese Sub-analysis of TiRegisterY
Shinichiro Uchiyama, Sanno Hosp and Sanno Med Ctr, Tokyo, Japan; Takao Hoshino, Leila Sissani, Monteiro T Lans, Bichat Hosp, Paris, France; Kenji Kamiyama, Nakamura Memorial Hosp, Sapporo, Japan; Taizen Nakase, Res Inst of Brain and Blood Vessels Akitia, Akitia, Japan; Kazuo Kitagawa, Tokyo Women's medical Univ, Tokyo, Japan; Kazuo Minematsu, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan; Kenichi Todo, Kobe City Med Ctr General Hosp, Kobe, Japan; Yasushi Okada, Natl Hosp Kyushu Med Ctr, Fukuoka, Japan; Yoji Nakagawara, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan; Ken Nagata, Yokohama General Hosp, Yokohama, Japan; Hiroshi Yamagami, Takenori Yamaguchi, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan; Pierre Amarenco, Bichat Hosp, Paris, France

Poster Board Number MP120 / Presentation Number TMP120
Treatment Rate of Atherosclerotic Risk Factor Among Young Adults Compared to Older Adults
Michelle H Lippert, Jonathan Campbell, Univ of Colorado Hosp, Aurora, CO; James Burke, Univ of Michigan, Ann Arbor, MI; Timothy Bernard, Colorado Children's Hosp, Aurora, CO; Richard Trastman, Sharon Poisson, Michael Ho, Univ of Colorado Hosp, Aurora, CO
POSTER SESSION II
THURSDAY, JANUARY 25
6:15 PM – 6:45 PM
Hall H

These posters are not included in the Thursday 5:15 pm Professor-led Poster Tour Session.

Acute Endovascular Treatment Posters II

Poster Board Number P1 / Presentation Number TP1
The Systemic Blood Pressure Variation Is Associated with Major Hemorrhagic Transformation in Patients with Successful Recanalization After Mechanical Thrombectomy
Tae Jung Kim, Seoul Natl Univ Hosp, Seoul, Korea, Republic of; Jeong-Min Kim, Chung Ang Univ Hosp, Seoul, Korea, Republic of; Hee-Kwon Park, Inha Univ Sch of Med, Seoul, Korea, Republic of; Sang-Bae Ko, Byung-Woo Yoon, Seoul Natl Univ Hosp, Seoul, Korea, Republic of

Poster Board Number P2 / Presentation Number TP2
Characteristics Affecting the Outcome of Patients with Cardiogenic Stroke Treated with Endovascular Reperfusion Therapy
Tetsuya Hashimoto, Saiseikai Fukuoaka General Hosp, Fukuoaka, Japan; Shoji Matsumoto, Taketo Hatano, Makoto Saka, Mitsughide Ando, Hideo Chihara, Wataru Takita, Keisuke Tokunaga, Takahiko Kamaitsu, Atsushi Tsujimoto, Kokura Memorial Hosp, Kitakyusu, Japan; Takeshi Yamada, Saiseikai Fukuoaka General Hosp, Fukuoaka, Japan; Izumi Nagata, Kokura Memorial Hosp, Kitakyushu, Japan

Poster Board Number P3 / Presentation Number TP3
Endovascular Thrombectomy Improves Long-term Outcomes of Acute Ischemic Stroke Patients: A Real World Observational Study
Wenbo Zhao, Shuyi Shang, Chuanhui Li, Longfei Liu, Jian Chen, Haiqing Song, Jiangang Duan, Xuanwu Hosp, Capital Med Univ, Beijing, China; Yuchuan Ding, Wayne State Univ, Detroit, MI; Wuwei Feng, Med Univ of South Carolina, Charleston, SC; Xuming Ji, Xuanwu Hosp, Capital Med Univ, Beijing, China

Poster Board Number P4 / Presentation Number TP4
Current Practices and Discharge Outcome of Endovascular Coiling and Clipping Amongst Hemorrhagic Stroke Patients
Urviash K Patel, Icahn Sch of Med at Mount Sinai, New York, NY; Vishal Jani, Creighton Univ Sch of Med/ CHI Health, Omaha, NE; Abhishek Lunugapriya, Univ of California San Diego, San Diego, CA; Anusha Lekshminarayanan, Mercy Health, Cincinnati, OH; Achint Patel, Icahn Sch of Med at Mount Sinai, New York, NY; Prasanna Tadidi, Creighton Univ Sch of Med/ CHI Health, Omaha, NE; Eugene Lin, St Vincent Mercy Med Ctr, Toledo, OH; Andrea J Chamczuk, Arun-Angelo Patil, Creighton Univ Sch of Med, Omaha, NE; Sam O Zaidat, St Vincent Mercy Med Ctr, Toledo, OH

Poster Board Number P5 / Presentation Number TP5
Mr Predicts a Reliable and Useful Tool in Identifying Benefit of Mechanical Thrombectomy in Patients with Large Vessel Occlusion

Poster Board Number P6 / Presentation Number TP6
Evaluation of Patients with High NIH Stroke Scale as Thrombectomy Candidates Using the Kentucky Appalachian Stroke Registry (KAPSR)
Justin F Fraser, Patrick Kitzman, Marc Wolfe, Kelley Eklins, Gregory J Bix, Michael R Dobbs, Univ of Kentucky, Lexington, KY

Poster Board Number P7 / Presentation Number TP7
Effect of Tissue Plasminogen Activator or Endovascular Thrombectomy for Mortality of Acute Ischemic Stroke in Nationwide Hospital Cohort: J-ASPECT Study
Akiko Kada, Dept of Clinical Trials and Res, Nati Hosp Organization Nagoya Med Ctrr, Nagoya, Japan; Ai Kurogi, Dept of Neurosurgery, Graduate Sch of Med Sciences, Kyushu Univ, Fukuoaka, Japan; Daisuke Onozuka, Dept of Health Communication, Graduate Sch of Med Sciences, Kyushu Univ, Fukuoaka, Japan; Akihito Hagihara, Dept of Clinical Trials and Res, Nati Hosp Organization Nagoya Med Ctrr, Fukuoaka, Japan; Kunihito Nishimura, Dept of Preventive Med and Epidemiologic Informatics, Nati Cerebral and Cardiovascular Ctr, Saita, Japan; Satoru Kamitani, Div of Health Services Res, Ctr for Cancer Control and Information Services, Nati Cancer Ctr, Tokyo, Japan; Junichi Ono, Dept of Neurosurgery, Sannu Med Ctr, Sannu, Japan; Joji Nakagawara, Integrative Stroke Imaging Ctr, Nati Cerebral and Cardiovascular Ctr, Saita, Japan; Kazuo Okuchi, Dept of Emergency and Critical Care Med, Nara Med Univ, Kashihara, Japan; Izumi Nagata, Dept of Neurosurgery, Kokura Memorial Hosp, Kitakyushu, Japan; Shinya Matsuda, Dept of Preventive Med and Community Health, Sch of Med, Univ of Occupational and Environmental Health, Kitakyushu, Japan; Fumiki Nakamura, Div of Data Management Ctr for Cardiovascular Disease Information, Nati Cerebral Cardiovascular Disease Disease Information, Saita, Japan; Akifumi Suzuki, Dept of Surgical Neurology, Res Inst for Brain and Blood Vesselle-Akita, Akita, Japan; Kazunori Toyoda, Dept of Cerebrovascular Med, Nati Cerebral and Cardiovascular Ctr, Saita, Japan; Shinichi Yoshimura, Dept of Neurosurgery, Hyogo Coll of Med, Nishinomiya, Japan; Shigeru Miyachi, Dept of Neurosurgery, Osaka Med Coll, Takabuki, Japan; Yoshiaki Shikoda, Dept of Neurosurgery, Kyorin Univ, Mitaka, Japan; Kunihiko Ogawasara, Dept of Neurosurgery, Kawasaki Med Univ, Morika, Japan; Keisuke Ido, Ryozi Kurogi, Ataru Nishimura, Kouichi Arimura, Koji Iihara, Dept of Neurosurgery, Graduate Sch of Med Sciences, Kyushu Univ, Fukuoaka, Japan

Poster Board Number P8 / Presentation Number TP8
Process Modification to Reduce Door-to-puncture Time for Patients with Large Vessel Ischemic Stroke

Poster Board Number P9 / Presentation Number TP9
Complete Recovery After Endovascular Treatment a Predictable Outcome
Pedro Cardona, Helena Quesada, Blanca Lara, Rogel Barranco, Alex Lutich, Sonia Aoxut, Andres Paipa, Ma De Miquel, Hosp Univ De Bellvitge, Barcelona, Spain; Ana Escrig, Parc Sanitari Sant Joan de Deu, Barcelona, Spain; Paloma Mora, Hosp Univ De Bellvitge, Barcelona, Spain

Poster Board Number P10 / Presentation Number TP10
Endovascular Treatment for Acute Ischemic Stroke with Intracranial Atherosclerotic Occlusive Disease
Toshihiro Ueda, Tsutaro Takada, Satoshi Takaishi, Takayuki Fukano, Yoshiaki Tokuyama, Kentaro Tatsuno, Yuki Hamada, St Marianna Univ Toyoko Hos, Kawasaki, Japan

Poster Board Number P11 / Presentation Number TP11
Thrombosaipiralan vs Stent Retriever Thrombectomy for Basilar Artery Occlusion
Diogo C Haussen, Alhamza Al-Bayati, Jonathan Grossberg, Clara Barreira, Michael Frankel, Raul G Nogueira, Emory Univ Sch of Med, Atlanta, GA

Poster Board Number P12 / Presentation Number TP12
Distribution and Incidence of Fast versus Slow Progressors of Infarct Growth in Large Vessel OcclusionStroke
Marcelo Rocha, Shastival Desai, Ashutosh Jadhav, Tudor Jovin, UPMC, Pittsburgh, PA

Poster Board Number P13 / Presentation Number TP13
Predicting Outcomes After Successful Endovascular Thrombectomy: Damage Control
David Ermak, Nathan Deturk, Muhammad Niazi, Raymond Reichwein, Alicia Richardson, Kathy Morrison, Amy Brinkley, Kevin Cockcroft, Penn State Health, Hershey, PA

Poster Board Number P14 / Presentation Number TP14
Duration of Anesthesia Negatively Affects Functional Outcome After Endovascular Therapy for Acute Ischemic Stroke
Lorenz Raming, Jessica Barlinn, Andrij Abramyuk, Timo Siepmann, Kevin Haedrich, Lars-Peder Pallesen, Alexandra Prakapenia, Hermann Theilen, Heinz Reichmann, Jennifer Linn, Volker Puetz, Kristian Barlinn, Univ Hosp Dresden, Dresden, Germany
Poster Board Number P53 / Presentation Number TP53
Evaluation of Hyperperfusion Phenomenon After Carotid and Cerebral Revascularization Using Arterial Spin Labeling Perfusion MRI
Yohai Takeobu, Akira Ishii, Kazumichi Yoshida, Yasushi Takagi, Susumu Miyamoto, Kyoto Univ Graduate Sch of Med, Kyoto, Japan
Poster Board Number P54 / Presentation Number TP54
Machine-learned Characterization of Acute Ischemic Stroke CLOTS Reveals a Correlation Between Clot Composition and Density on CT
Seun Fitzgerald, Ctr for Res in Med Devices (CURAM), Natl Univ of Ireland, Galway, Ireland; Shunli Wang, Daying Dai, Dennis H Murphee, Mayo Clinic, Rochester, MN; Abhay Pandit, Andrew Douglass, Ctr for Res in Med Devices (CURAM), Natl Univ of Ireland, Galway, Ireland; Ramanathan Kadirevul, Waleed Brinkjiki, David F Kallimis, Mayo Clinic, Rochester, MN; Doyle M Karen, Ctr for Res in Med Devices (CURAM), Natl Univ of Ireland, Galway, Ireland
Poster Board Number P55 / Presentation Number TP55
Tour Stroke Imaging Project: A New Algorithm for Stroke Outcome
Basile Kerlerouss, Tomasinio Cristofrine, Francois Rabelais Univ, Tours, France; Fernando Silva Moura, Univ Federal do ABC Ctr de Engenharia, Modelagem e Ciencias Sociais Aplicadas, Santo Andre, Brazil; Jean Philippe Cotlier, Marie Gaudron, Richard Bibi, Kevin Janot, Annu Mariam, Ana Paula Narata, Francois Rabelais Univ, Tours, France
Poster Board Number P56 / Presentation Number TP56
Comparison of Collateral Status in Acute Ischemic Stroke: Simulated 2-phase CTA versus Simulated 3-phase CTA
Dong Hoon Shiu, Eung Yeop Kim, Gachon Univ Gil Hosp, Incheon, Korea, Republic of Korea
Poster Board Number P57 / Presentation Number TP57
Predicting Regional Tissue Fate in Ischemic Stroke Using Color Coded mCTA-based Collaterals Assessment
Aimen Moussaddy, Amith Sitaram, Abdulaziz S Al Sultan, Nicholas N Maraj, Mohamed Najm, Andrew M Demchuk, Mayank Goyal, Bijoy K Menon, Calgary Stroke Program, Calgary, AB, Canada
Poster Board Number P58 / Presentation Number TP58
A Novel Deep Learning Approach for Automated Diagnosis of Cerebral Infarction on Computed Tomography
Poster Board Number P59 / Presentation Number TP59
The Sustained CTcSO2M Sign as a Predictor of Large Vessel Occlusion
Kevin S Attenhofer, Prodeep Saksaw, Abhisehek Lunagariya, Karen Rapp, Lovelia Hailey, Melissa Mortin, Kunal Agrawal, Roopya Modir, Branko Huisa, Dawn Meyer, Thomas Hemmen, Brett Meyer, Univ of California at San Diego, San Diego, CA
Poster Board Number P60 / Presentation Number TP60
Effect of Clinical History in Radiologist Interpretation of Computed Tomography for Acute Stroke
Peter Hung, Caitlin Finn, Ashley Knight-Greenfield, Hediyeh Baradarana, Praneel Patel, Hooman Kameil, Ajay Gupta, Clinical and Translational Neuroscience Unit, Fei Family Brain and Mind Res Inst, New York, NY
Poster Board Number P61 / Presentation Number TP61
Determinants of CT Perfusion Misrepresentation of Ischemic Core in Endovascular Stroke Therapy
David Rosenbaum-Halevi, Farhaan S Vahidy, Taylor Daileata, P Roc Chen, UT Health, Mc Govern Sch of Med, Houston, TX; Albert J Yoo, Texas Stroke Inet, Plano, TX; Conrad W Liang, Kaiser Permanente, Fontana, CA; Sean I Savitz, Sunil A Sheth, UT Health, Mc Govern Sch of Med, Houston, TX
Poster Board Number P62 / Presentation Number TP62
Computed Tomography Perfusion Infarct Measurement Compared to Diffusion-weighted Magnetic Resonance Imaging in Patients Without Revascularization of Anterior Circulation, Large Artery Occlusions
Poster Board Number P63 / Presentation Number TP63
Pretreatment Infarct Topography and Clinical Outcome in Acute Ischemic Stroke – A THRACE Substudy
Yu Xie, Emilien Micard, Univ de Lorraine, Nancy, France; Liang Liao, Chu Nancy, Nancy, France; Bailliang Chen, Univ de Lorraine, Nancy, France; Marc Soudart, Chu Nancy, Nancy, France; Jacques Felbinger, Francis Guillemin, Univ de Lorraine, Nancy, France; Gabriela Hossu, Chu Nancy, Nancy, France; Serge Bracard, Univ de Lorraine, Nancy, France
Poster Board Number P64 / Presentation Number TP64
Visual Perception, Cognition, and Non-contrast CT Aspects
Alexis T Wilson, Sadanand Dey, James Evans, Carol Tham, Zarina Assis, Ericka Teleg, Poonchh Pordel, Prasanna Esvaradas, Stephen van Gaal, Mohamed Najm, Ammarie Newdud, MacKenzie Horn, Hulin Kuang, Moiz Haifeez, Wu Glu, Andrew Demchuk, Mayank Goyal, Michael D Hill, Bijoy Menon, Univ of Calgary, AB, Canada
Acute Nonendovascular Treatment Posters II
--- 97 ---
Poster Board Number P73 / Presentation Number TP73
Better Functional Outcomes in Patients Treated versus Not Treated for Mild Stroke
Bridget Cannahan, Western Univ of Health Sciences, Lebanon, OR; Leslie Corless, Lindsay Lucas, Elizabeth Baraban, Lisa Rietz Yanase, Providence Brain and Spine Inst, Portland, OR

Poster Board Number P74 / Presentation Number TP74
Delayed Treatment of Intravenous Thrombolysis in Stroke Patients with Minor Stroke

Poster Board Number P75 / Presentation Number TP75
Prognosis in Mild or Rapidly Improving Ischemic Stroke Not Treated with Recombinant Tissue Plasminogen Activator: Fukuoka Stroke Registry
Shota Sakai, Masato Osaki, Shunsuke Kimura, Masaochi Hitaka, Shoji Arakawa, Steel Memorial Yawata Hospital, Kitakyushu City, Japan; Tetsuro Aog, Dept of Med and Clinical Science, Kyushu Univ, Fukuoka City, Japan; Ryu Matsuo, Masahiro Komouchi, Dept of Health Care Admin and Management, Kyushu Univ, Fukuoka City, Japan; Takanari Kitazono, Dept of Med and Clinical Science, Kyushu Univ, Fukuoka City, Japan

Poster Board Number P76 / Presentation Number TP76
Increased Regulatory T Cells After Treatment of Poly (adp-ribose) Polymerase-1 Inhibitor in Patients with Acute Ischemic Stroke
Young Seo Kim, Hyun Young Kim, Min Young Noh, Seung Hyun Kim, Hanyang Univ Hosp, Seoul, Korea, Republic of

Aneurysm Posters II

Poster Board Number P77 / Presentation Number TP77
Novel Experimental Aneurysm Model in Swine with Hemodynamic Change After Endovascular Treatment; “Recanalization and Regrowth Model”
Issie Kan, Ichiro Yuki, Karagiozov Kostadin, Tomonobu Kodama, Ayako Ikemura, Takashi Suzuki, Hiroyuki Taka, Toshihiro Ishibashi, Yuchi Murayama, The Jikei Univ, Tokyo, Japan

Poster Board Number P78 / Presentation Number TP78
The Intracranial Aneurysm Gene THSD1 Connects Endosome Dynamics to Nascent Focal Adhesion Assembly
Yanning Rui, Zhen Xu, John P Hagan, Dong H Kim, UT Health Science Ctr Med Sch at Dallas, TX

Poster Board Number P79 / Presentation Number TP79
Significant Correlations Between Risk Factors for Rupture of Cerebral Aneurysms and Hemodynamic Factors by Using Computational Flow Dynamic (CFD) Analysis and Multivariate Analysis
Yuji Shimogonya, Tohoku Univ, Sendai, Japan; Shunichi Fukuda, Kyoto Med Ctr, Kyoto, Japan; the CFD ABO Study Group

Poster Board Number P80 / Presentation Number TP80
Improving Perioperative Stroke Detection During Intracranial Aneurysm Surgery Using Somatosensory Evoked Potential Waveform Analysis
Eyad E Saca, Ahmed I Kashkoush, Donald J Crommond, Jeffrey R Balzer, Parthasarathy D Thirumalai, Univ of Pittsburgh Med Ctr, Pittsburgh, PA

Poster Board Number P81 / Presentation Number TP81
Intraprocedural Neurological Deficit in Treatment of Unruptured Aneurysm Under Local Anesthesia
Shuhei Kawabata, Hirotochi Imamura, Shoichi Tani, Hideimitsu Adachi, Nobuyuki Sakai, Kobe City Med Ctr General Hosp, Kobe, Japan

Poster Board Number P82 / Presentation Number TP82
Changes in the Distal Vessel Wall After Flow Diverter Treatment
Praveen Kolumam Parameswaran, Daying Dai, Yong Hong Ding, Solmaz Arefi, Matthew M Urban, David Kallmes, Ramanathan Kadirvel, Mayo Clinic, Rochester, MN

Poster Board Number P83 / Presentation Number TP83
Age-related Intra-pipeline Stenosis: Complication or Benign Endothelial Healing
Elis Aalath, Kinson Bekelis, Robert H Rosenwasser, Pascal Jobard, Stavroupola Tjoumakaris, Nohra Chalouhi, Thomas Jefferson Univ, Philadelphia, PA

Poster Board Number P84 / Presentation Number TP84
Safety and Effectiveness of Ticagrelor in Patients with Clopidogrel Resistance Undergoing Angioplasty, Stent or Flow Diverter Placement
Ameer E Hassan, Umar Shariff, UTSHA-Valley Baptist Med Ctr, Harlingen, TX; Adnan Qureshi, Zeenat Qureshi Stroke Inst, St Cloud, MN

Poster Board Number P85 / Presentation Number TP85
Reversible Brain Swelling After Flow Diverter Stents Placed from Middle Cerebral Artery to Internal Carotid Artery
Ana Paula Narata, Jean-Philippe Cottier, Richard Bibi, Denis Herbreteau, Kevin Janot, Hop Bretonneau, Tours, France

Poster Board Number P86 / Presentation Number TP86
Post Hoc Subgroup Analysis of Unruptured Cerebral Aneurysm in Japan Special Reference to Small Sized Aneurysm
Fusao Ikawa, Hiroshima Univ, Hiroshima, Japan; Akio Morita, Nippon Med Sch Univ, Tokyo, Japan

Poster Board Number P87 / Presentation Number TP87
Neurovascular Differences Observed Between Growing and Stable Symmetric MCA Bifurcation Aneurysms
Demis Chang, Vicki Lau, David Geffen Sch of Med at UCLA, Los Angeles, CA; Michelle Hildebrandt, UD Anderson Cancer Ctr, Houston, TX; Gary Duckwiler, Fernando Vinuela, Achi Chien, David Geffen Sch of Med at UCLA, Los Angeles, CA

Basic and Preclinical Neuroscience of Stroke Recovery Posters II

Poster Board Number P88 / Presentation Number TP88
Delayed Therapeutic Window for Prevention of Progressive Cognitive Impairment After Experimental Stroke
Heba A Ahmad, Univ of Georgia, Augusta, GA; Tauheed Ihsat, Univ of Tennessee Health Science Ctr (UTHSC), Memphis, TN; Bindu Pillai, Univ of Georgia, Augusta, GA; Abdelrahman Y Fouda, Univ of Gerogia, Augusta, GA; Mohammed A Sayed, Univ of Georgia, Augusta, GA; Jennifer L Waller, Adviye Ergul, Univ of Georgia, Augusta, GA; Susan C Fagan, Univ of Georgia, Augusta, GA

Poster Board Number P89 / Presentation Number TP89
Angiotensin Receptor (AT2R) Agonist C21 Accelerates Cognitive Functional Recovery After Permanent Stroke in Aged Animals
Heba A Ahmad, Univ of Georgia, Augusta, GA; Tauheed Ihsat, Univ of Tennessee Health Science Ctr (UTHSC), Memphis, TN; Bindu Pillai, Univ of Georgia, Coll of Pharmacy, Augusta, GA; Kristopher Bunting, Almira Vadzarijana, Jennifer L Waller, Adviye Ergul, Univ of Georgia, Augusta, GA; Susan C Fagan, Univ of Georgia, Augusta, GA

Poster Board Number P90 / Presentation Number TP90
Disruption of Connexin30/32 Contributes to Impaired Oligodendrogenesis in Ischemic White Matter Injury
Lijuan Han, Dongsheng He, Xi Zhang, Yan Xu, Dept of Neurology, Drum Tower Hosp, Med Sch of Nanjing Univ, Nanjing, China

Poster Board Number P91 / Presentation Number TP91
Multiple Intral-arterial Dosing of the Mesenchymal Stem Cells Reduces Ischemic Brain Injury in a Rat Stroke Model
Mitsuyoshi Watanabe, Univ of Miami, Miami, FL; Pallab Bhattacharya, Natl Inst of Pharmaceutical Education and Res, Gujarat, India; Aisha Khan, Joshua M Hare, Dennis Chang, Vicki Lau, David Geffen Sch of Med at UCLA, Los Angeles, CA; Kristopher Bunting, Almira Vadzarijana, Jennifer L Waller, Adviye Ergul, Univ of Georgia, Augusta, GA; Susan C Fagan, Univ of Georgia, Augusta, GA

Poster Board Number P92 / Presentation Number TP92
Microglial Kv13 Channels Are Rapidly Downregulated Following Transient Ischemic Stroke in Mice
Syed Ali Raza, Lihong Cheng, Haiian Xiao, Manuel Yepes, Srikanth Rangaraju, Emory Univ, Atlanta, GA

Reference to Small Sized Aneurysm
Fusao Ikawa, Hiroshima Univ, Hiroshima, Japan; Akio Morita, Nippon Med Sch Univ, Tokyo, Japan

Poster Board Number P84 / Presentation Number TP84
Safety and Effectiveness of Ticagrelor in Patients with Clopidogrel Resistance Undergoing Angioplasty, Stent or Flow Diverter Placement
Ameer E Hassan, Umar Shariff, UTSHA-Valley Baptist Med Ctr, Harlingen, TX; Adnan Qureshi, Zeenat Qureshi Stroke Inst, St Cloud, MN

Poster Board Number P85 / Presentation Number TP85
Reversible Brain Swelling After Flow Diverter Stents Placed from Middle Cerebral Artery to Internal Carotid Artery
Ana Paula Narata, Jean-Philippe Cottier, Richard Bibi, Denis Herbreteau, Kevin Janot, Hop Bretonneau, Tours, France

Poster Board Number P86 / Presentation Number TP86
Post Hoc Subgroup Analysis of Unruptured Cerebral Aneurysm in Japan Special Reference to Small Sized Aneurysm
Fusao Ikawa, Hiroshima Univ, Hiroshima, Japan; Akio Morita, Nippon Med Sch Univ, Tokyo, Japan

Poster Board Number P87 / Presentation Number TP87
Neurovascular Differences Observed Between Growing and Stable Symmetric MCA Bifurcation Aneurysms
Demis Chang, Vicki Lau, David Geffen Sch of Med at UCLA, Los Angeles, CA; Michelle Hildebrandt, UD Anderson Cancer Ctr, Houston, TX; Gary Duckwiler, Fernando Vinuela, Achi Chien, David Geffen Sch of Med at UCLA, Los Angeles, CA
Poster Board Number P93 / Presentation Number TP93
Ultrasound Brain Stimulation Regulates Brain Plasticity in Ischemic Mice
Joxian Wang, Rujin Hosp, Shanghai Jiao Tong Univ Sch of Med, Shanghai, China; Guofeng Li, Shenzhen Inst of Advanced Technology Chinese Academy of Sciences, Shenzhen, China; Muyasser Mamillah, Med-X Res Inst and Sch of Biomedical Engineering, Shanghai Jiao Tong Univ, Shanghai, China; Weibao Qiu, Hairong Zheng, Shenzhen Inst of Advanced Technology Chinese Academy of Sciences, Shenzhen, China; Qing Xie, Rujin Hosp, Shanghai Jiao Tong Univ Sch of Med, Shanghai, China; Guo-Yuan Yang, Med-X Res Inst and Sch of Biomedical Engineering, Shanghai Jiao Tong Univ, Shanghai, China

Poster Board Number P94 / Presentation Number TP94
Combined Chlormpromazine and Promethazine Induce Neuroprotective Hibernation Without Hypothermia in Experimental Stroke
Xiaokun Geng, Christopher R Stone, Donald DeGracia, Yuchuan Ding, Wayne State Univ Sch Med, Detroit, MI

Poster Board Number P95 / Presentation Number TP95
Intra-arterial Interleukin-1 Alpha Is Well Tolerated and Neuroprotective After Experimental Ischemic Stroke
Kathleen E Salmeron, Michael E Maniskas, Univ of Kentucky, Lexington, KY; Raymond Wong, Univ of Manchester, Manchester, United Kingdom; Amanda L Trout, Danielle N Edwards, Univ of Kentucky, Lexington, KY; Raymond Wong, Univ of Kentucky, Lexington, KY; Emmanuel Pinteaux, Univ of Manchester, Manchester, United Kingdom; Justin F Fraser, Gregory J Bix, Univ of Kentucky, Lexington, KY

Poster Board Number P96 / Presentation Number TP96
MIR-34a Targets Cytochrome C and Shapes Stroke Outcomes
Xuefeng Ren, Heng Hu, Edward Provencher, Stephanie Rellick, Irman Farooqi, Saumyendra Sarkar, Kimberly Grasmick, West Virginia Univ, Morgantown, WV

Poster Board Number P97 / Presentation Number TP97
Physiological Plasma Concentrations of Atrorvastatin and Simvastatin Enhance the Immunomodulatory Effects of Mesenchymal Stromal Cells on Stroke Derived Monocytes
Nikunj Satani, Kaavya Giridhar, Xiaopie Xi, Courtney McGriff, Bing Yang, Scott D Olson, Jaroslav Aronovics, Sean I Savitz, McGovern Med Sch at UTHealth, Houston, TX

Poster Board Number P98 / Presentation Number TP98
A Therapeutic Time Window and Dormioal Early Exercise for Rats with Cerebral Ischemia
Haqing Zheng, Med Univ of South Carolina, Charleston, SC; Lijing Zhang, Huaichun Yang, The Third Affiliated Hosp of Sun Yat-Sen Univ, Guangzhou, China; Alexandra Parashos, Med Univ of South Carolina, Charleston, SC; Xinqian Hu, The Third Affiliated Hosp of Sun Yat-Sen Univ, Guangzhou, China

Poster Board Number P99 / Presentation Number TP99
Hyposia Drives Anti-inflammatory Polarization of Microglia Through the JMJD3-IRF4 Axis
Edward C Koeffholfer, John d’Aigle, Louise D McCullough, McGovern Med Sch, Houston, TX

Poster Board Number P100 / Presentation Number TP100
Angiotensin Type 2 Receptor Stimulation with Compound 21 Improves Stroke Outcome in Female Rats: Possible Role for Porexome Proliferator-activated Receptor Gamma
Wael Eldahshan, Bindu Pillai, Mohammed Sayed, Univ of Georgia, Augusta, GA; Taulibdheit Shinh, The Univ of Tennessee Health Science Ctr, Memphis, TN; Advieh Ergul, Univ of Georgia and Augusta Sch Univ, Augusta, GA; Susan Fagan, Univ of Georgia, Augusta, GA

Poster Board Number P101 / Presentation Number TP101
Chronic Cerebral Hyperperfusion Induces Post-stroke Dementia Following Acute Ischemic Stroke in Rats
Hahn Young Kim, Dong Bin Back, Kyung Ja Kwon, Dong-Hee Choi, Chan Young Shin, Jongmin Lee, Seol-Heui Han, Konkuk Univ Hosp, Seoul, Korea, Republic of Korea

Poster Board Number P102 / Presentation Number TP102
Delayed Interleukin-1 alpha Treatment Is Profoundly Neuroreparative in Experimental Ischemic Stroke
Kathleen E Salmeron, Danielle N Edwards, Univ of Kentucky, Lexington, KY; Raymond Wong, Univ of Manchester, Manchester, United Kingdom; Jill M Roberts, Univ of Kentucky, Lexington, KY; Emmanuel Pinteaux, Univ of Manchester, Manchester, United Kingdom; Gregory J Bix, Univ of Kentucky, Lexington, KY

Poster Board Number P103 / Presentation Number TP103
Cholesterol Transporters Abca1 and Apoe Mediate Grey/White Matter Remodeling and Neurogenesis/Oligodendrogenesis After Stroke
Rongwen Li, Henry Ford Health System, Detroit, MI

Poster Board Number P104 / Presentation Number TP104
Exploring the Noncoding Transcriptome for Novel Therapeutic Targets Against Cerebral Ischemia
Suini Bhattachar, Fabrizio Pontarelli, Ashutosh A Dharap, JFK Med Ctr, Edison, NJ

Poster Board Number P105 / Presentation Number TP105
Knocking Down Cofilin Expression Prevents Hemorrhagic Stroke-induced Microglial Activation and Inflammation
Zahoor Shah, Qasim Alhadidi, Univ of Toledo, Toledo, OH

Poster Board Number P106 / Presentation Number TP106
Sex Differences After Mesenchymal Stem Cell Treatment on Post-stroke Neurological Outcome

Poster Board Number P107 / Presentation Number TP107
B Cells Migrate to Remote Areas Supporting Functional Recovery After Stroke
Vanessa O Torres, Sterling B Ortega, Denise M Ramirez, Erik J Plautz, Laura Ingle, Xiameei Kong, Ann M Slove, UT Southwestern Med Ctr, Dallas, TX

Poster Board Number P108 / Presentation Number TP108
Ischemia-induced Multipotent Stem Cells in Human Cerebral Infarction
Kotaro Tatebayashi, Toshinori Takagi, Akiko Nakano-Der, Rika Sakuma, Yasue Tanaka, Saeo Kamachi, Manabu Shirakawa, Kazutaka Uchida, Hiroto Kageyama, Takayuki Nakagomi, Tomhiro Matsuyama, Shinichi Yoshimura, Hyogo College of Med, Nishinomiya City, Japan

Poster Board Number P109 / Presentation Number TP109
Microglial IRF5/4 Regulatory Axis: A Novel Therapeutic Target for Ischemic Stroke
Abdullah Mamun, Arjali Chauhan, Saumil Datar, Dept of Neurology, McGovern Med Sch, The Univ of Texas Health Science Ctr at Houston, Houston, TX; Yan Xu, Romana Sharmane, Dept of Neurology, McGovern Med Sch, The Univ of Texas Health Science Ctr at Houston, Houston, TX; Louise D McCullough, Fudong Liu, Dept of Neurology, McGovern Med Sch, The Univ of Texas Health Science Ctr at Houston, Houston, TX

Poster Board Number P110 / Presentation Number TP110
Temporally Characteristic Phenotypes of Microglia and Blood-derived Macrophage on Neuroinflammatory Responses in Cerebral Ischemia Model Using CX3CR1-EGFP Transgenic Mice
JooHyun Park, Jong Youl Kim, Young Min Hyun, Hosung Jung, Jong Eun Lee, YeonSei Uni Coll of Med, Seoul, Korea, Republic of Korea

Poster Board Number P111 / Presentation Number TP111
Tibia Fracture Caused Long-lasting Cognitive Impairment of Stroke Mice Accompanied with Microglia Accumulation in the Hippocampal Stratum Lacunosum Moleculare
Zheng Li, Meng Wei, Meng Zhang, Aaron Wong, Sen Wang, Hua Hu, Univ of California, San Francisco, San Francisco, CA

Poster Board Number P112 / Presentation Number TP112
Differential Effects of Deferoxamine Treatment on Neurological Deficits in Young Diabetic Female Animals After Embolic Stroke
WeiGuo Li, Guangkuo Dong, Paul T Menk, Yasir Abdul, Rebecca Ward, Augusta Univ, Augusta, GA; Susan C Fagan, Univ of Georgia, Augusta, GA; Advieh Ergul, Augusta Univ, Augusta, GA
Poster Board Number P113 / Presentation Number TP113
Elevated Coated-platelets and SSRI Use Are Associated with Silent Brain Infarction in Asymptomatic Carotid Artery Stenosis
Angela Kirkpatrick, OU Health Sciences Ctr, Oklahoma City, OK; Andrea S Vincent, Univ of Oklahoma Norman, OK; Julie A Stoner, Eleanor Mathews, George L Dale, Calvin I Prodan, OU Health Sciences Ctr, Oklahoma City, OK

Poster Board Number P114 / Presentation Number TP114
Association of Inflammation with Intracranial Atherosclerotic Stenosis
Julian Duda, Tushar Trivedi, Univ of South Carolina, Columbia, SC; M Faried K Suri, Univ of Minnesota, Minneapolis, MN; Sonal Mehta, Univ of South Carolina, Columbia, SC; Kevin Moss, Steven Offenbacher, James Beck, Univ of North Carolina, Chapel Hill, NC; Rebecca F Gottesman, Johns Hopkins Univ, Baltimore, MD; Wayne Rosamond, Univ of North Carolina, Chapel Hill, NC; Souvik Sen, Univ of South Carolina, Columbia, SC

Poster Board Number P115 / Presentation Number TP115
Atherosclerotic Plaque Rupture and Intra-plaque Hemorrhage Do Not Correlate with Symptoms in Severe Carotid Artery Stenosis
Juan Carlos Parodi, Ricardo Beigelman, Maria C Zuru, José Milei, Hosp Italiano, Basas, Argentina

Poster Board Number P116 / Presentation Number TP116
Racial Difference in Intracranial Atherosclerotic Plaque Features by High-resolution Vessel Wall MRI
Qing Hao, Ye Qiao, Rebecca Gottesman, Kevin Sam, Mona Shahriari, Brenda Johnson, Nicole Williams, Bruce A Wasserman, Johns Hopkins Univ Sch of Med, Baltimore, MD

Poster Board Number P117 / Presentation Number TP117
A Systematic Literature Review of Patients with Carotid Free Floating Thrombus and Acute Ischemic Stroke
Sebastián Fridan, Stephen P Lownie, Jennifer L Mandzia, Western Univ, London, ON, Canada

Poster Board Number P118 / Presentation Number TP118
The Topography and Predictors of Blood Brain Barrier Disruption After Carotid Artery Stenting
Berkan Kaplan, Rahsan Gocmen, Ahmet Peker, Kader Karli Oguz, Anıl Arat, Mehmet Akıl Topcuoglu, Ethem M Arsansa, Hacettepe Univ, Ankara, Turkey

Poster Board Number P119 / Presentation Number TP119
Feasibility of Automated Analysis of Dual-Venc 4d Flow MRI to Assess Hemodynamics in Patients with Intracranial Atherosclerotic Disease
Alireza Vali, Maria Aristova, Jonathan Grossberg, Emory Univ Sch of Med, Atlanta, GA; Robert Grubb, Washington Univ, St Louis, MO; Colin Derdeyn, Harold Adams, M Bridget Zimmerman, Univ of Iowa, Iowa City, IA; William J Powers, Univ of North Carolina, Chapel Hill, NC; COSS Investigators

Poster Board Number P120 / Presentation Number TP120
Elevated Lipoprotein-associated Phospholipase A2 Is Differentially Associated with Symptomatic Intracranial Atherosclerosis
Yuan Wang, Haiqing Song, Ran Meng, Xuanwu Hosp, Beijing, China; Wuwei Feng, Bruce Oviabieje, Med Univ of South Carolina, Charleston, WV; Xinyi Leng, Li Wang, The Chinese Univ of Hong Kong, Hong Kong, Hong Kong; Xinying Zou, Beijing Tianhan Hosp, Capital Med Univ, Beijing, China; Yannie YF Soo, Annie YY Chan, Vincent HL Ip, Florence Fan, Vincent CT Mok, Lawrence KS Wong, Simon CY Hu, Thomas W Laung, The Chinese Univ of Hong Kong, Hong Kong, Hong Kong

Poster Board Number P121 / Presentation Number TP121
High-resolution Magnetic Resonance Imaging Characteristics of Intracranial Atherosclerotic Plaque and Perforating Artery
Xiu-Hai Guo, Meng-Nan Wang, Yu-Jiao Yang, Hui-Juan Miao, Ming Ren, Xun-Ming Ji, Xuanwu Hosp, Beijing, China

Poster Board Number P122 / Presentation Number TP122
Validation of the Vision Aphasia Neglect (VAN) Screening Tool for Clinical Diagnosis of Emergent Large Vessel Occlusion
Nojani Valadi, Catherine A Thomas, St Francis Hosp, Columbus, GA

Poster Board Number P123 / Presentation Number TP123
Differential Impact of Age on the Relationship Between Cervicocephalic Artery Atherosclerotic Burden and Presence of Complex Aortic Plaque
Xin Ma, Qi Kong, Dept of Neurology, Xuan Wu Hosp, Capital Med Univ; Nati Clinical Res Ctr for Geriatric Disorders, Beijing, China; Chen Wang, Dept of Radiology, Xuan Wu Hosp, Capital Med Univ, Beijing, China; Xinying Ji, Dept of Neurosurgery, Xuan Wu Hosp, Capital Med Univ; Nati Clinical Research Ctr for Geriatric Disorders, Beijing, China; Wuwei Feng, Bruce Oviabieje, Dept of Neurology, Med Univ of South Carolina, Charleston, SC; Xiangying Du, Dept of Radiology, Xuan Wu Hosp, Capital Med Univ, Beijing, China

Poster Board Number P124 / Presentation Number TP124
Development of a Novel Mouse Surgical Model for Moyamoya Syndrome
Jill Roberts, Michael Maniskas, Gregory Bix, Justin Fraser, Univ of Kentucky, Lexington, KY

Poster Board Number P125 / Presentation Number TP125
Blood Biomarkers of Systemic Inflammation in Individuals with Brain Arterial Dilatation and Dolichoectasia
Jose Gutierrez, Columbia Univ Med Ctr, New York, NY; Mira Katan, Univ of Zurich, Zurich, Switzerland; Sandino Cespedes, Columbia Univ Med Ctr, New York, NY; Noam Alperin, Ahmet Bagci, Tatjana Rundek, Univ of Miami, Miami, FL; Clinton Wright, Natl Inst of Health, Washington, DC; Ralph Sacco, Univ of Miami, Miami, FL; Mitchell Elkind, Columbia Univ Med Ctr, New York, NY

Poster Board Number P126 / Presentation Number TP126
Carotid Webs in Cryptogenic Ischemic Strokes
Song J Kim, Jason W Allen, Fadi Nahab, Michael Frankel, Raul G Nogueira, Clara Barreira, Diogo C Haussen, Emory Univ Sch of Med, Atlanta, GA

Poster Board Number P127 / Presentation Number TP127
Morphology of Acute Symptomatic Intracranial Atherosclerotic Plaques
Xinyi Leng, Li Wang, The Chinese Univ of Hong Kong, Hong Kong, Hong Kong; Xinying Zou, Beijing Tianhan Hosp, Capital Med Univ, Beijing, China; Yannie YF Soo, Annie YY Chan, Vincent HL Ip, Florence Fan, Vincent CT Mok, Lawrence KS Wong, Simon CY Hu, Thomas W Laung, The Chinese Univ of Hong Kong, Hong Kong, Hong Kong

Poster Board Number P128 / Presentation Number TP128
Multicenter Experience with Stenting for Carotid Webs
Diogo C Haussen, Jonathan Grossberg, Emory Univ Sch of Med, Atlanta, GA; Wolfgang Leech, Riverside Neurovascular Specialists, Newport News, VA; Sebastian Koch, Dilip R Yadav, Univ of Miami/Jackson Memorial Hosp, Miami, FL; Clara Barreira, Gustavo Pradilla, Michael Frankel, Raul Nogueira, Emory Univ Sch of Med, Atlanta, GA

Poster Board Number P129 / Presentation Number TP129
The Feasibility, Safety, and Changes in Stylotic Blood Pressure Associated with Endovascular Revascularization of Symptomatic and Chronically Occluded Carotid Internal Carotid Artery (COICA): Using a Newly Suggested Radiographic Classification of COICA
Waldo R Guerrero, David Hasan, Univ of Iowa, Iowa City, IA

Poster Board Number P130 / Presentation Number TP130
Recurrent Hemispheric Stroke Syndromes in Symptomatic Atherosclerotic Internal Carotid Artery Occlusions: The COSS Trial
Fadi Nahab, Haseeb Rahman, Daniel Barrow, C Michael Cawley, Emory Univ, Atlanta, GA; Robert Grubb, Washington Univ, St Louis, MO; Colin Derdeyn, Harold Adams, M Bridgeit Zimmerman, Univ of Iowa, Iowa City, IA; William J Powers, Univ of North Carolina, Chapel Hill, NC; COSS Investigators

Poster Board Number P131 / Presentation Number TP131
Intracranial Plaque Enhancement on Vessel Wall MRI and the Oral Microbiome
Adam H de Havennon, J Scott McNally, Univ of Utah, Salt Lake City, UT; Matthew A Pedersen, uBiota, Salt Lake City, UT; Jennifer J Majersik, Dennis Parker, Lilly Fagatele, Ka-Ho Wong, Kael F Fischer, Univ of Utah, Salt Lake City, UT

Poster Board Number P132 / Presentation Number TP132
Vascular HDAC9 Modulates Atherogenic Processes and Enhances NF-kB Activation
Yury Bokov, Yaw Asare, Lydia Lyu Lu, Inst for Stroke and Dementia Res, Munich, Germany; Remco Megens, IPEK, LMU, Munich, Germany; Matthias Prestel, Sepideh Azghahndi, Christof Haffner, Jürgen Bernhagen, Martin Dickhans, Inst for Stroke and Dementia Res, Munich, Germany

Poster Board Number P133 / Presentation Number TP133
A Network Approach to Identifying New Candidates for Ischemic Stroke
Tyler N Lesure, Joseph F Carrera, Univ of Virginia, Charlottesville, VA; Rainer Malik, Inst for Stroke and Dementia Res, Munich, Germany; Fang-Chi Hu, Wake Forest Univ, Winston-Salem, NC; Wei-Min Chen, Univ of Virginia, Charlottesville, VA; Keith L Keene, East Carolina Univ, Greenville, NC; Qiong Yang, Boston Univ, Boston, MA; Tushar Dave, Braxton Mitchell, Univ of Maryland, Baltimore, MD; Sudha Seshadri, Boston Univ, Boston, MA; Michele M Sale, Bradford B Worrall, Stephen R Williams, Univ of Virginia, Charlottesville, VA

Poster Board Number P134 / Presentation Number TP134
HDAC9 Polymorphisms After Blood Gene Expression in Patients with Large Vessel Atherosclerotic Stroke
Natasha Shroff, Glen C Jickling, Bradley P Ander, Frank R Sharp, Univ of California, Davis, Sacramento, CA
Univ Sch of Med, New Haven, CT
Jonathan Rosand, Massachusetts General Hosp, Boston, MA; Guido Falcone, Yale
Laura Miyares, Yale Univ Sch of Med, New Haven, CT; Noel Burtt, Jason Flannick, Katherine Crawford, Christina Kourkoulis, Massachusetts General Hosp, Boston, MA; Guido Falcone, Yale

Poster Board Number P154 / Presentation Number TP154
A Qualitative Study on a Telehealth System for Home-based Stroke Rehabilitation
Yu Chen, Yunan Chen, Kai Zheng, Lucy Dodakian, Jill See, Robert Zhou, Nina Chiu, Renee Augsburger, Univ of California Irvine, Irvine, CA; Alison McKenzie, Chapman Univ, Orange, CA; Steven C Cramer, Univ of California Irvine, Irvine, CA

Poster Board Number P155 / Presentation Number TP155
Cognitive Impairment in Mild Stroke
Ilavarasy Maran, Susan Taboada, Francesca Ferrante, Laura Grenier, Ilene Staff, Hartford Hosp, Hartford, CT; Isabelle Taboada, Northeastern Univ, Boston, MA; Amre Nouh, Hartford Hosp, Hartford, CT

Poster Board Number P156 / Presentation Number TP156
Migraine and Non-migraine Headaches Following Diagnostic Catheter Based Cerebral Angiography: A Prospective Study
Nishath Naseem, Omar Saeed, Muhammad A Saleem, Zeenat Qureshi Stroke Inst, St Cloud, MN; Shawn S Wallery, Mercy Health Rockford, Rockford, IL; Adam I Qureshi, Zeenat Qureshi Stroke Inst, St Cloud, MN

Poster Board Number P157 / Presentation Number TP157
Patient and Physical Therapy/Occupational Therapy Characteristics Associated with Functional Mobility Outcomes After Mechanical Thrombectomy
Danielle Burch, UK Healthcare, Lexington, KY; Andrea Drake, Shepherd Ctr, Atlanta, GA; Traci Stueber, Jayma NIHart, UK Healthcare, Lexington, KY; Erin Abner, Univ of Kentucky, Lexington, KY; Wendy Stafford, Justin Fraser, UK Healthcare, Lexington, KY

Poster Board Number P158 / Presentation Number TP158
Neural Function and Injury Combined Best Predict Behavioral Gains During Inpatient Stroke Rehabilitation
Jesica M Cassidy, Ramesh Srinivasan, Zainab Aziz, Univ of California Irvine, Irvine, CA; Derek Z Yang, Univ of California Irvine, Irvine, CA; Connor O’Brien, Univ of California Irvine, Irvine, CA; Steven C Cramer, Univ of California Irvine, Orange, CA

Poster Board Number P159 / Presentation Number TP159
Beta Blockers Do Not Increase the Risk of Post-stroke Depression in a Predominantly Afro-Caribbean Population
Elizabeth McCuaig, Clotilde Balucani, Jeremy Weedon, Nadege Gilles, Cindy L Tsui, Hartford Hosp, Hartford, CT; Isabelle Taboada, Northeastern Univ, Boston, MA; Amre Nouh, Hartford Hosp, Hartford, CT

Poster Board Number P160 / Presentation Number TP160
Association Between Factor V Gene Polymorphism and Risk of Ischemic Stroke: Meta-analysis
Adel A Alhazzani, King Khalid Univ, Abha, Saudi Arabia; Amit Kumar, All India Inst of Med Sciences, New Delhi, India

Poster Board Number P161 / Presentation Number TP161
Left Ventricular Systolic Dysfunction Is Associated with Larger Burden of White Matter Hyperintensity
Yong-Seok Lee, Seoul Metropolitan Government-Seoul Natl Univ Boramae Med Ctr, Seoul, Korea, Republic of; Ki Woong Nam, Seoul Natl Univ Hosp, Seoul, Korea, Republic of; Hyung-Min Kwon, Seoul Metropolitan Government-Seoul Natl Univ Boramae Med Ctr, Seoul, Korea, Republic of

Poster Board Number P164 / Presentation Number TP164
Low Free Triiodothyronine Should Be Associated with 3-month Poor Functional Outcome After Acute Stroke
Satoshi Suda, Takashi Shimoyama, Junya Aoki, Takuya Kanamaru, Kentaro Suzuki, Yuki Sakamoto, Koichiro Nagai, Takahiro Sato, Masafumi Arakawa, Yuho Takeshi, Yoshihiro Nishiyama, Masahiro Mishina, Kazumi Kimura, Dept of Neurological Science, Graduate Sch of Med, Nippon Med Sch, Tokyo, Japan

Poster Board Number P165 / Presentation Number TP165
The Association Between Coronary Artery Calcium and Cerebral Small Vessel Disease: A Population Based Cross Sectional Study
Maruf Haque Khan, Akira Fujiyoshi, Katsuyuki Miura, Shiga Univ of Med Science, Otsu, Japan; Takashi Hisamatsu, Shimane Univ, Izumo, Japan; Sayuki Torii, Sentaro Suzuki, Akihiko Shimo, Katsuyuki Nozaki, Shiga Univ of Med Science, Otsu, Japan; Takayoshi Ohkubo, Teikyo Univ Sch of Med, Tokyo, Japan; Hirobsugu Ueshina, Shiga Univ of Med Science, Otsu, Japan

Poster Board Number P166 / Presentation Number TP166
Frequency of Brain Death in Acute Cerebrovascular Disease Related Mortality
Rakesh Khati, Anantnaa R Veiliparam, Alberto Maud, Mohammad Raul Atzal, Mohsham A Qureshi, Iltisram A Qureshi, Pasithi Priyawatt, Salvador Cruz-Fores, Gustavo J Rodriguez, Texas Tech Univ Health Sciences Ctr El Paso, El Paso, TX

Poster Board Number P167 / Presentation Number TP167
Race-ethnic differences in barriers to 9-1-1 use for acute stroke in Chicago
Amy Eisenstein, CJF Senior Life, Chicago, IL; Sarah Y Song, Rush Univ Med Ctr, Chicago, IL; Namratha Kandula, Christopher T Richards, Northwestern Univ, Chicago, IL; Maryann Mason, Suyong Kwon, Lurie Children’s Hosp of Chicago, Chicago, IL; Jen Brown, Northwestern Univ, Chicago, IL; Heather Beckstrom, Mount Sinai Hosp, Chicago, IL; Peggy Jones, ICAHN, Bloomingdon, IL; Knitsasha Washington, Governors State Univ, Univ Park, IL; Erin Wymore, Carlos Corado, Northwestern Univ, Chicago, IL; Neelmur T Aggarwal, Rush Univ Med Ctr, Chicago, IL; Shyam Prabbhakaran, Northwestern Univ, Chicago, IL

Poster Board Number P168 / Presentation Number TP168
Racial disparities in stroke risk factors and interventions in an underserved metropolitan population
Jennifer Ann Frontera, Erica Scher, Karthikayan Arrot, Bernadette Boden-Albala, Jeremy Liff, Oluwabenga Ogedegete, David Turkell-Parela, Ambooj Tiwari, Jeffrey Farkas, New York Univ Sch of Med, Brooklyn, NY

Poster Board Number P169 / Presentation Number TP169
Knowledge of Hypertension as a Stroke Risk Factor and Use of Home Blood Pressure Monitoring A Preliminary Report from Comprehensive Post-acute Stroke Services (COMPASS) Study
Jason C Guo, Wake Forest Sch of Med, Winston-Salem, NC; Doyle M Cummings, East Carolina Univ, Greenville, NC; Jacqueline R Halliday, Sara B Jones Berkeley, Matthew A Pisodi, Univ of North Carolina, Chapel Hill, NC; Pamela W Duncan, Cheryl D Bushnell, Wake Forest Sch of Med, Winston-Salem, NC

Poster Board Number P170 / Presentation Number TP170
Social Deprivation and Stroke Severity at Presentation: Data from a London Teaching Hospital
Lewis Raiman, Richard Antbring, Sageet Amlani, Alexandra Andrews, Barts Health NHS Trust, London, United Kingdom

Poster Board Number P171 / Presentation Number TP171
Liver Cirrhosis Is Associated with an Increased Risk of Aneurysmal Subarachnoidal Hemorrhage
Thrombophilia Is Not Associated with Stroke Severity or Early Functional Outcomes in Young Adults with Ischemic Stroke
Poster Board Number P196 / Presentation Number TP196
Muhammad A Saleem, Mercy Health Jainesville, Jainesville, IL; Nishta Naseem, Adnan I Qureshi, Zeenat Qureshi Stroke Institution, St Cloud, MN
Poster Board Number P196 / Presentation Number TP196
Incidence of Atrial Fibrillation in Patients with Recent Ischemic Stroke versus Matched Controls
Poster Board Number P197 / Presentation Number TP197
Stroke Mortality in Argentina – A Population-based Epidemiological Study, EstEPA
Poster Board Number P198 / Presentation Number TP198
Risk of 30-day Hospital Readmission: Does Ischemic Stroke Subtype Matter?
Anna Therese Bjerkreim, Univ of Bergen, Bergen, Norway; Andrej Khanevski, Haukeland Univ Hosp, Bergen, Norway; Henriette Aurora Selvik, Univ of Bergen, Bergen, Norway; Lars Thomassen, Ulrike Waje-Andreasen, Halvor Naess, Nicola Logallo, Haukeland Univ Hosp, Bergen, Norway
Poster Board Number P199 / Presentation Number TP199
Cerebral Microbleeds and Chronic Kidney Disease in Patients with First-ever Acute Ischemic Stroke or Transient Ischemic Attack
Asako Nakamura, Masahiro Yasaka, Takahiro Kuvashiro, Seiji Gotoh, Yasuyuki Nakanishi, Kana Ueki, Ayaka Maeda, Yasushi Okada, Natl Hosp Organization Kyushu Med Ctr, Fukuoka, Japan
Poster Board Number P200 / Presentation Number TP200
Plaque Vulnerability on Contrast-enhanced Carotid Ultrasound Is Associated with Pathogenesis of Acute Cerebral Infarction
Jinxin Li, Xingquan Zhao, Haige Yu, Bin Ning, Wen He, Beijing TianTan Hosp, Capital Med Univ, Beijing, China
Poster Board Number P200 / Presentation Number TP200
Carotid Artery Flow as Determined by Real-time Phase-contrast Flow MRI and Neurovascular Ultrasound: A Comparative Study of Healthy Subjects
Iko Maier, Univ Med Goettingen, Goettingen, Germany; Sabine Hofer, Arun A Joseph, Klaus-Dietmar Merboldt, Zhengguo Tan, Biomedizinische NMR Forschungs GmbH am Max-Planck-Institut für Biophysikalische Chemie, Göttingen, Germany; Katharina Schregel, Michael Knaudt, Mathias Bähr, Marios-Nikos Psychogios, Jan Liman, Univ Med Goettingen, Goettingen, Germany; Jens Frahm, Biomedizinische NMR Forschungs GmbH am Max-Planck-Institut für Biophysikalische Chemie, Göttingen, Germany
Poster Board Number P200 / Presentation Number TP200
Vertebrobasilar Insufficiency Is an Easy to Ascertain and Important Predictor of Cardiovascular Events in Elderly Population: Analysis of Cardiovascular Health Study
Adnan I Qureshi, Omar Saeed, Ahmed A Malik, Zeenat Qureshi Stroke Inst, St Cloud, MN
Poster Board Number P201 / Presentation Number TP201
The Effect of Concurrent Presence of Atherosclerotic Disease in Other Arterial Distributions in Patients with Symptomatic Intracranial Stenosis
Adnan I Qureshi, Omar Saeed, Ahmed A Malik, Zeenat Qureshi Stroke Inst, St Cloud, MN
Poster Board Number P204 / Presentation Number TP204
Large-artery Infarction in Primary Angiitis of the Central Nervous System
M Afk Topcuoglu, Hacettepe Univ Hosp, Boston, MA; Eva A Rocha, Anesh B Singhal, Massachusetts General Hosp, Boston, MA
Poster Board Number P205 / Presentation Number TP205
Cerebrovascular Diseases in Hispanic Patients with Systemic Lupus Erythematosus
Carlos Cantú-Brito, Paola Gureaeb-Chain, Sergio I Valdés-Ferrer, Adrián Soto-Mota, Lorena Guerrero-Torres, Erwin Chiquete-Anaya, Insto Nacional de Ciencias Médicas y Nutrición Salvador Zubirán, Mexico City, Mexico
Poster Board Number P206 / Presentation Number TP206
Association of a Polymorphism from the Protein Convertase Subtilisin Kexin Type 9 in Atherosclerotic Ischemic Stroke in Two Latin American Populations
Miguel A Barboza, Hosp Rafael a Calderon Guardia, San Jose, Costa Rica; Fabiola Serrano, Aurelio Jara, Insto Nacional de Neurología y Neurocirugía, Manuel Velasco Suárez, Mexico City, Mexico; Sandra Silva, Univ de Costa Rica, San Jose, Costa Rica; Antonio Arrué, Insto Nacional de Neurología y Neurocirugía, Manuel Velasco Suárez, Tlapan, Costa Rica
Poster Board Number P207 / Presentation Number TP207
The Effect of Religion on Risk of Incident Cardiovascular Events in Post-menopausal Women
Omar Saeed, Ahmed A Malik, Adnan I Qureshi, Zeenat Qureshi Stroke Inst, St Cloud, MN
Poster Board Number P208 / Presentation Number TP208
Incidence and Outcome of Iatrogenic Stroke in Post-menopausal Women
Omar Saeed, Ahmed A Malik, Adnan I Qureshi, Zeenat Qureshi Stroke Inst, St Cloud, MN
Poster Board Number P209 / Presentation Number TP209
History of Diabetes, Drug Abuse and Smoking Predict Recurrence of Ischemic Stroke in the Young
M Khaleeg Ahmed, State Univ of New York at Buffalo, Buffalo, NY; Haris Kamal, Univ of Texas at Houston, Houston, TX; Charles Zhang, Arenemanie Crumblish, Ye Rin Koh, Mariou Ching, State Univ of New York at Buffalo, Buffalo, NY
Poster Board Number P210 / Presentation Number TP210
Oxygen Extraction Fraction Is Increased in the Borderzone Region of Healthy Young Adults
Andrina L Ford, Kristin Guilliams, Melanie Fields, Dustin Ragan, Slim Fellah, Cihat Eldeniz, Michael Binkley, Yasheng Chen, Josh Shimony, Katie Vo, Morey Blinder, Monica Hulbert, Robert McKinstry, Hongyu An, Jin-Moo Lee, Washington Univ Sch of Med, Saint Louis, MO
Poster Board Number P211 / Presentation Number TP211
Gray and White Matter Hemodynamics and Metabolism Measured Using Magnetic Resonance Imaging
Hongyu An, Washington Univ - St Louis, St Louis, MO; Souvik Sen, Univ of South Carolina, Columbia, SC; Kevin Robertson, William Powers, Univ of North Carolina - Chapel Hill, Chapel Hill, NC
Poster Board Number P212 / Presentation Number TP212
24S-hydroxycholesterol as a Serum Biomarker for Acute Stroke
Nadeem I Iqbal Khan, Bonnie Thompson, Donald Jones, Ty Shang, Univ of Texas Southwestern Med Ctr, Dallas, TX
Poster Board Number P213 / Presentation Number TP213
Retinal Microvascular Abnormalities as Markers of Cerebrovascular Disease: A Meta-analysis
Oana M Dumitrascu, Bart M Demaerschalk, Maria I Aguilar, Mayo Clinic, Phoenix, AZ; Patrick D Lyden, Cedars-Sinai Med Ctr, Los Angeles, CA; Gyanendra Kumar, Mayo Clinic, Phoenix, AZ
Poster Board Number P236 / Presentation Number TP236
Emergency Department Arrival Mode Does Not Significantly Impact Door-to-needle Times for IV tPA in Acute Ischemic Stroke
Natalie T Cheng, Jonathan Muller, Albert Ortega, Sanket Aggarwal, Courtney G Donahue, Barbara Galton, Joseph Bove, Miran Salgado, New York-Presbyterian - Brooklyn Methodist Hosp, Brooklyn, NY

Poster Board Number P237 / Presentation Number TP237
Improving Door to Needle (dtn) Times and Culture of Treating AIS Using a Stroke Alert BN (SA-BN)
Christine R Pisarra, Trudy B Robinson, Saint Francis Hosp, Tulsa, OK

Poster Board Number P238 / Presentation Number TP238
Accuracy of “Real-life” Community Wide Prehospital Stroke Detection in San Diego County
Amelia Kenner Brinner, Emergency Med Services, San Diego, CA; Lindsay Olson-Mack, Scripps Health, San Diego, CA; Diane Royer, Kristi L Koenig, Emergency Med Services, San Diego, CA; Thomas M Hemen, Univ of California San Diego, San Diego, CA

Poster Board Number P239 / Presentation Number TP239
Initial Results from a Community Emergency Medical System Based Bypass Protocol Using Rapid Arterial Occlusion Scalae to Screen for Emergent Large Vessel Occlusion
Pankajavalli Ramakrishnan, M O Brien Gossage, Wolfgang Leesch, J Frank Sanderson, Dean Kostov, Tonya Vermette, Riverside Regional Med Ctr, Newport News, VA

Poster Board Number P240 / Presentation Number TP240
Determinants of Functional Outcomes in Patients Treated with Intravenous Tissue Plasminogen Activator in Telestroke
Tanri Girotra, Shaun Ajinkya, Disha Kohli, Ellen Debenham, Christine Holmdtedt, Chirantan Banerjee, Med Univ of South Carolina, Charleston, SC

Poster Board Number P241 / Presentation Number TP241
Information and Communication Technology Revolutionizes Acute Ischemic Stroke Care
Tertakke Yonemori, Urasoe General Hosp, Urasoe, Japan

Poster Board Number P242 / Presentation Number TP242
Factors Influencing Timeliness of Stroke Transfer from the Emergency Department
Mitchell Hayes, Vanderbilt Univ Sch of Med, Nashville, TN; David Schlundt, Kemberlee Bonnet, Vanderbilt Univ, Nashville, TN; Timothy Vogus, Vanderbilt Univ Owen Graduate Sch of Management, Nashville, TN; Sunil Kripalani, Michael Froehler, Michael Ward, Vanderbilt Univ Med Ctr, Nashville, TN

Poster Board Number P243 / Presentation Number TP243
SpeedPass: A Pilot Project Utilizing an Online Tool Reduced Door-to-needle Time in a Community-based Telestroke Program
Pamir Mateen, Syun Jung, Mirza Baig, Jennifer Halligan, Mohsen Saadat, San Joaquin General Hosp, French Camp, CA

Poster Board Number P244 / Presentation Number TP244
The Clinical Prediction Rules to Classify Type of Stroke at Prehospital
Kazutaka Uchida, Shinichi Yoshimura, Hyogo College of Med, Nishinomiya, Japan; Nagayasu Hiyama, Yoshinari Oki, Goshi Hosp, Amagasaki, Japan; Tsuyoshi Matsumoto, Ryuu Tokuda, Amagasaki Chuo Hosp, Amagasaki, Japan; Kyoa Yamaura, Yoshida Hospital Cerebrovascular Research Institute, Kobe, Japan; Shin Saito, Hiroaki Stroke and Rehabilitation Ctr, Hiroaki, Japan; Masatake Takeuchi, Seisho Hosp, Odawara, Japan; Keigo Shigeta, Naito Hosp Organization, Disaster Med Ctr, Tachikawa, Japan; Hayato Araki, Araki Neurosurgical Hosp, Hiroshima, Japan; Takeshi Morimoto, Hyogo College of Med, Nishinomiya, Japan

Poster Board Number P245 / Presentation Number TP245
Smartphone App Can Precisely Share Neuroimaging for Stroke Team
Kenichiro Sakai, Teppei Komatsu, Takahiro Maku, Yuki Asahara, Hiroyuki Takao, Yasuyuki Iguchi, Yuichi Murayama, The Jikei Univ Sch of Med, Tokyo, Japan

Poster Board Number P246 / Presentation Number TP246
Evaluating Thrombolysis Decision Making in Minor Stroke Using Adaptive Discrete Choice Experimentation
Ava Leigh Lember, Albert Einstein Coll of Med, Brooklyn, NY; Daniel Pinto, Northwestern Univ, Chicago, IL; Daniel Labovitz, Albert Einstein Coll of Med, Brooklyn, NY; Andrew Naidich, Shyam Prabhakaran, Shyam Prabhakaran, Northwestern Univ, Chicago, IL

Poster Board Number P248 / Presentation Number TP248
Identifying Characteristics of Patients with Suspected Stroke by Paramedics but not by Emergency Medical Dispatchers Using Natural Language Processing and Machine Learning
Christopher T Richards, Ravi P Garg, Scott J Mendelson, Northwestern Feinberg Sch of Med, Chicago, IL; Leslie Stein-Spencer, City of Chicago, Chicago, IL; Shyam Prabhakaran, Northwestern Feinberg Sch of Med, Chicago, IL

Poster Board Number P249 / Presentation Number TP249
Sensitivity of “Best Language”, Item 9, of the National Institutes of Health Stroke Scale
Angelona Gronberg, Neurology Dept, Lund, Sweden; Ingrid Henriksson, Inst of Neuroscience and Physiology, Gothenburg, Sweden; Arne Lindgren, Neurology Dept, Lund, Sweden

Poster Board Number P250 / Presentation Number TP250
The Stroke 1-2-0 Strategy Is Well Accepted by Community Physicians in China
Jing Zhao, Minhang Hosp, Fudan Univ, Shanghai, China; Renyu Liu, Perelman Sch of Med at the Univ of Pennsylvania, Philadelphia, PA

Poster Board Number P251 / Presentation Number TP251
Release of IL-6 After Stroke Contributes to Impaired Cerebral Autoregulation and Hippocampal Neuronal Necrosis Through NMDA Receptor Activation and Upregulation of ET-1 and JNK
William M Armstrong, Hugh Hekierski, Philip Pastor, Serge Yarovoi, Abd Al Roof Higazi, Douglas Cines, Univ of Pennsylvania, Philadelphia, PA

Poster Board Number P252 / Presentation Number TP252
MicroRNA-376a-5p Improves Outcome for Acute Ischemic Stroke After Endovascular Mechanical Reperfusion in Rat Model
Yong-Hua Tuo, Zhong Liu, First Affiliated Hosp of Sun Yat-Sen Univ, Guangzhou, China; Lei Feng, Kaiser Permanente Med Ctr, Los Angeles, CA; Zhongsong Shi, Sun Yat-Sen Memorial Hosp of Sun Yat-Sen Univ, Guangzhou, China

Poster Board Number P253 / Presentation Number TP253
Double Negative T Cells with Fasl Mutation Promote M2-microglial Polarization By Inhibiting PTP1Z/TFN-α Pathway in Experimental Stroke
Hailan Meng, Haoran Zhao, Xiang Cao, Lei-Hua Weng, Dongsheng He, Yun Xu, Dept of Neurology, Drum Tower Hosp, Med Sch of Nanjing Univ, Nanjing, China

Poster Board Number P254 / Presentation Number TP254
Effects of Inducible Nitric Oxide Synthesis on Behavior and Functional Outcomes in a Novel “Humanized” Transgenic Mouse Model of Ischemic Stroke
Allison L Brichacek, Sujung Jun, Jessica M Povroznik, Divine C Nwafor, Stanley A Benkovic, Wei Wang, Dominic D Quintana, Heng Hu, Xuefang Ren, Elizabeth B Engler-Chiurazzi, Candice M Brown, West Virginia Univ, Morgantown, WV

Poster Board Number P255 / Presentation Number TP255
Calcium Release-activated Calcium Channel Inhibition Protects Against Inflammation in Ischemic Stroke
Atsushi Mizuma, Rachid Kacimi, Univ of California, San Francisco & San Francisco Veterans Affairs Med Ctr, San Francisco, CA; Ken Stauderman, Michael J Dunn, Sudarshan Hebbal, Calcimedica, La Jolla, CA, Midori A Yenari, Univ of California, San Francisco & San Francisco Veterans Affairs Med Ctr, San Francisco, CA

Poster Board Number P256 / Presentation Number TP256
Interactions Between Activated Microglia and Macrophages on Polarization and Chemotaxis Effect After Ischemic Stroke
Meiyung Huang, Jong Youl Kim, Joohyun Park, Jong Eun Lee, Yonsei Uni Coll of Med, Seoul, Korea, Republic of

Poster Board Number P257 / Presentation Number TP257
Fast Enhances Cytotoxicity of CD68+ T Cells After Ischemic Stroke
Haoran Zhao, Hailan Meng, Dongsheng He, Lihua Wan, Yun Xu, Dept of Neurology, Drum Tower Hosp, Med Sch of Nanjing Univ, Nanjing, China

Poster Board Number P258 / Presentation Number TP258
Activation of JAK/STAT3 Restores Nature Killer Cell Function and Improves Immune Defense After Brain Ischemia
Wei-Na Jin, Qiang Liu, Barrow Neurological Inst, Phoenix, AZ; Samuel Shi, Rayna Gonzales, Univ of Arizona Coll of Med, Phoenix, AZ; Fu-Dong Shi, Barrow Neurological Inst, Phoenix, AZ

— 106 —
Poster Board Number P259 / Presentation Number TP259
Tryptophan Metabolism Affects the Inflammatory Response After Stroke
Corinne Benakis, Rebecca Sadler, Vikramjeet Singh, Stefan Roth, Arthur Liez, Inst for Stroke and Dementia Res, Munich, Germany

Poster Board Number P260 / Presentation Number TP260
A Novel Neurogenic-stem Cell Stimulating Currumin Analog to Treat Acute Ischemic Stroke
Paul A Lapchak, Paul D Bitoano, Cedars Sinai Med Ctr, Los Angeles, CA; David Schubert, Salk Inst of Neurobiology, La Jolla, CA; Patrick D Lyden, Cedars Sinai Med Ctr, Los Angeles, CA

Poster Board Number P262 / Presentation Number TP262
Evaluation of Novel Structural Features in Neovascularization of the Ischemic Brain
Hao Jiang, Zhejiang Univ, Hangzhou, China; Florian Kurth, Cedars-Sinai Med Ctr, Los Angeles, CA; Raymond Liou, Stanford Univ, Palo Alto, CA; Ryan Albert, Nestor R Gonzalez, Cedars-Sinai Med Ctr, Los Angeles, CA

Poster Board Number P263 / Presentation Number TP263
Activation of Endothelial p21-activated Kinase 1 Provides Neuroprotection After Stroke
Lin Liu, Ping Sun, Yanzha Huang, Mcgovern Med Sch, Univ of Texas Health Science Ctr at Houston, Houston, TX; Zachary R Spalt, Grinnell Coll, Grinnell, IA; Louise McCullough, Jun Li, Mcgovern Med Sch, Univ of Texas Health Science Ctr at Houston, Houston, TX

Poster Board Number P264 / Presentation Number TP264
Actin Reorganization Is a Rapid and Reversible Adaptive Response by Neurons Exposed to Ischemic and Excitotoxic Injury In Vitro and In Vivo
Shelley Halpain, Univ of California San Diego, La Jolla, CA; Andrew Shih, Med Univ of South Carolina, Charleston, SC; Barbara Calabrese, Univ of California San Diego, La Jolla, CA

Poster Board Number P265 / Presentation Number TP265
Confidence in Stroke Abstraction Increases After Focused Training
Maureen Hess, Aurora Health Care, Milwaukee, WI; Dot Bluma, Metastar Inc, Madison, WI; Lynn Mallas-Serdynski, American Heart Association, Milwaukee, WI

Poster Board Number P266 / Presentation Number TP266
Linking Inpatient Coverdell Stroke Program Registry to Commercial Claims Data in the United States: Assessing Feasibility and Representativeness Among Adults with Ischemic Stroke

Poster Board Number P267 / Presentation Number TP267
Uncertainty-based Individual Health Preferences for Patients with Primary Intracerebral Hemorrhage
Kristen B Slaughter, Ellie G Meyer, Jennifer R Meeks, Arvind B Bambhroliya, Ritvij Bowry, Wamda O Ahmed, UT Health Science Ctr at Houston, Houston, TX; Gretchel A Gealogo, Steven Warach, Seton Dell Med Sch Stroke Inst, Austin, TX; Jon E Tyson, Charles C Miller, Louise D McCullough, Tzu-Ching Wu, Charles E Begley, Sean I Savitz, Farhaan S Vahidy, UT Health Science Ctr at Houston, Houston, TX

Poster Board Number P268 / Presentation Number TP268
Distribution of Acute Ischemic Strokes After Implementation of Endovascular Guidelines in Louisiana
DigiVijaya Navalekha, Dr Brain, Inc, Metairie, LA; Paige Hargrove, Louisiana Emergency Response Network, Baton Rouge, LA; Alejandra DeAlvare, Louisiana Emergency Response Network, Baton Rouge, LA; Joseph Acosta, Our Lady of the Lake, Baton Rouge, LA; Leopoldo DelAlvare, Our Lady of Lourdes Regional Med Ctr, Lafayette, LA; Gonzalo Hidalgo, Rapides Regional Med Ctr, Alexandria, LA; Ramy El Khoury, Neurocare of Louisiana, New Orleans, LA; Sheryl Martin-Schild, Dr Brain, Inc, Metairie, LA

Poster Board Number P269 / Presentation Number TP269
Simulation Training Improves Thrombolytic Treatment Logistics
Veronika Svobodova, Tereza Hlouskova, Michaela Oudova, Robert Mikulik, St Anne's Univ Hosp, Brno, Czech Republic

Poster Board Number P270 / Presentation Number TP270
Stroke Code Simulation for Neurology and Emergency Medicine Residents
Gurmeen Kaur, Icahn Sch of Med, New York, NY; Vishal Shah, UCLA David Geffen Sch of Med, Los Angeles, CA; Puneet Kapur, SUNY Upstate Med Univ, Syracuse, NY; Laura Stein, Madip S Dhamoan, Icahn Sch of Med, New York, NY; Hesham Masoud, SUNY Upstate Med Univ, Syracuse, NY

Poster Board Number P271 / Presentation Number TP271
Predictors of Non-adherence to Post-stroke Hospitalization Clinic Follow-up
Carolina E Temple, Melissa Gazi, Toby I Gropen, Michael J Lively, Univ Alabama at Birmingham, Birmingham, AL

Poster Board Number P272 / Presentation Number TP272
Effect of the Affordable Care Act on Direct Medical Expenditures Among US Adults with Stroke: 2003-2014
Alain Lekoubou, Kinfe Bishu, Bruce Viviagia, MUSC, Charleston, SC

Poster Board Number P273 / Presentation Number TP273
Stroke Pit Stop Decreases Door-to-needle Time
Celia Gomes McGillivray, Jacqueline Le, Claude Stang, Gerald Gaffud, Thomas Clark, Robert J Claycomb, Desert Regional Med Ctr, Palm Springs, CA

Poster Board Number P274 / Presentation Number TP274
HMGBl Is Regulated by Microrna in Patients with Ischemic Stroke
Glen Jickling, Bradley P Ander, Natasha Shroff, Farah Hamade, Boryna Stamova, Cheryl Dykstra-Aiello, Dazhi Liu, Frank R Shap, Univ of California Davis, Sacramento, CA

Poster Board Number P275 / Presentation Number TP275
Modelling the Impact of Mobile Stroke Unit Dispatcher Accuracy on Patient Outcomes
Jessalyn K Holodinsky, Noreen Kamal, Charlotte Zerna, Luke Zhu, Michael D Hill, Mayank Goyal, Univ of Calgary, Calgary, AB, Canada

Poster Board Number P276 / Presentation Number TP276
Health-related Quality of Life Indices for Patients with Primary Intracerebral Hemorrhage
Arvind B Bambhroliya, Ellie G Meyer, Jennifer R Meeks, Kristen B Slaughter, Ritvij Bowry, Wamda O Ahmed, UT Health Science Ctr at Houston, Houston, TX; Gretchel A Gealogo, Steven Warach, Seton Dell Med Sch Stroke Inst, Austin, TX; Jon E Tyson, Charles C Miller, Charles E Begley, Sean I Savitz, Farhaan S Vahidy, UT Health Science Ctr at Houston, Houston, TX

Poster Board Number P277 / Presentation Number TP277
The Neurointensivists’ Role in Management of Cerebral Venous Sinus Thrombosis
Christoph Stretz, Yale Sch of Med, New Haven, CT; Shivani Ghoshal, Columbia Univ Coll of Physicians and Surgeons, New York, NY; Evadne Marcolini, David Y Hwang, Niley Petersen, Joseph L Schindler, Kevin N Sheth, Guido J Falcone, Emily J Gilmore, Yale Sch of Med, New Haven, CT

Poster Board Number P278 / Presentation Number TP278
Decade-long Trends in Recanalization Therapy at a Large Regional Comprehensive Stroke Center in Texas
Dimitre K Mirtchev, Arvind B Bambhroliya, Hari K Irapururi, Amanda L Jagolinco-Cole, Tzu Ching Wu, James C Grotta, Amrou Sarraj, Sean I Savitz, Anjail Z Sharief, Farhaan S Vahidy, Univ of Texas Health Science Ctr, Houston, TX

Poster Board Number P279 / Presentation Number TP279
A System of Stroke Care Delivered Through Telemedicine Improves Patient Outcomes
Benjamin Morrow, Tudor G Jovin, UPMC - Stroke Inst, Pittsburgh, PA; Lynette Fair, Univ of Pittsburgh Med Ctr, Pittsburgh, PA; Jonathon Landis, Univ of Pittsburgh Med Ctr, Pittsburgh, PA; Lawrence Wechsler, UPMC - Stroke Inst, Pittsburgh, PA

Poster Board Number P280 / Presentation Number TP280
Factors Associated with Outpatient Follow-up in Stroke Clinic After Discharge from a Comprehensive Stroke Center
Renee Tariq Butt, Daniel Miller, Shaneela Malik, Mohammed Ismail, Lonni Schultz, Henry Ford Hosp, Detroit, MI; Justin Gatt, Wayne State Univ Sch of Med, Detroit, MI

Poster Board Number P281 / Presentation Number TP281
Dual Notification and Early Transfer of Acute Stroke Patients: A Pilot Study
Ilana Spokony, Karen Hirsch, Michael Mynnah, Eric Bernier, Michael Baulch, Stanford Univ, Palo Alto, CA; Byron Merritt, John Hage, Alejandro Centurion, Community Hosp of Monterey Peninsula, Monterey, CA; Gregory Albers, Stanford Univ, Palo Alto, CA
Poster Board Number P282 / Presentation Number TP282
S3TOP for Stroke: Improving In-hospital Stroke Alert Activation Criteria
Pola A Chojecka, Jason Richards, Nicole Burnett, Susan E Wilson, Ann Waller, Anne Beckwith, Luke K Barr, David Y Huang, William J Powers, Univ of North Carolina, Chapel Hill, NC

Poster Board Number P283 / Presentation Number TP283
Nationwide Trends of Thirty Day Readmissions: Carotid versus Vertebral Artery Dissections
Tapan Mehta, Univ of Minnesota, Minneapolis, MN; Smit Patel, Univ of Connecticut, Farmington, CT; Shailesh Male, Kamakshi Lakshminarayan, Ramachandra Tummala, Mustapha Ezzeddine, Univ of Minnesota, Minneapolis, MN

Poster Board Number P284 / Presentation Number TP284
The Risk of Venous Thromboembolism Among Patients Hospitalized for Acute Ischemic Stroke in the US
Aipehs Amin, Univ of California Irvine Sch of Med, Irvine, CA; Richey Neuman, Portola Pharmaceuticals, Inc, San Francisco, CA; Melissa Lingohr-Smith, Brandy Menges, Jay Lin, Novosys Health, Green Brook, NJ

Poster Board Number P285 / Presentation Number TP285
Improving Mobile Stroke Unit Intravenous Thrombolysis Times Through Parallel Processing
Lila E Sheikh, Naresh Mullaguri, John Nocero, Andrew P Reimer, Cleveland Clinic, Cleveland, OH; Jon Schrock, Metro Health, Cleveland, OH; Peter A Rasmussen, Andrew N Russman, 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 P286 / Presentation Number TP286
Efficacy of Quality Improvement Protocols Across Diverse Modes of Arrival for Thrombectomy Patients with Ischemic Stroke
Michael G Brandel, Arvin R Wall, David Santiago-Dieppa, Vincent Cheung, Jeffrey Steinberg, Robert Rennert, Julie Jurf, Kevin Porras, Peter Abraham, Royya Modir, Brett Meyer, Scott Pannell, Alexander Khalessi, Univ of California, San Diego, CA

Poster Board Number P287 / Presentation Number TP287
IPA Consent: The Role for Paternalism in the Golden Hour
Sneha Jacob, Adcock Amelia, Ann Murray, Yasamin Samadi, Tamra Ranasinghe, Ashley Petrone, Eric Seachrist, West Virginia Univ, Morgantown, WV

Poster Board Number P288 / Presentation Number TP288
Development and Preliminary Results of a Community Partnered Stroke Preparedness Intervention in Chicago
Neelum T Aggarwal, Sarah Song, Rush Univ Med Ctr, Chicago, IL; Soyang Kwon, Erin Wymore, Namratha Kandula, Jen Brown, Northwestern Feinberg Sch of Med, Chicago, IL; Amy Eisenstein, Council for Jewish Elderly, Chicago, IL; Christopher Richards, Maryann Mason, Northwestern Feinberg Sch of Med, Chicago, IL; Heather Beakstrom, Mount Sinai Hosp, Chicago, IL; Peggy Jones, ICAHN, Princeton, IL; Knitasha Washington, Shyam Prabhakaran, Northwestern Feinberg Sch of Med, Chicago, IL

Poster Board Number P289 / Presentation Number TP289
Language Barrier Does Not Significantly Affect Door-to-needle Time for Intravenous Tissue Plasminogen Activator
Noriko Anderson, Afra Janarius, Dana Stradling, Wengui Yu, UCI, Orange, CA

Poster Board Number P290 / Presentation Number TP290
Tertiary Center Telestroke
Anna Ranta, Univ of Otago, Wellington, New Zealand; Jeremy Lanford, Lai-Kin Wong, Wellington Hosp, Wellington, New Zealand

Poster Board Number P291 / Presentation Number TP291
Frequency of Neurological Evaluation and Neuroimaging in Patients with Infective Endocarditis

Poster Board Number P292 / Presentation Number TP292
Discrepancies in Arrival Time for Acute Ischemic Stroke Patients
Scott J Mendelson, Christopher T Richards, Shyam Prabhakaran, Northwestern Univ, Chicago, IL

Poster Board Number P293 / Presentation Number TP293
IV Thrombolytic Stroke Treatment in the 3–4.5 Hour Time Window: Practice Diverges from Guidelines
Ted Lowenkopf, Leslie Corless, Lindsay Lucas, Elizabeth Baraban, Providence Brain & Spine Inst, Portland, OR

Poster Board Number P294 / Presentation Number TP294
Improving the Prospect of Diagnosing Paroxysmal Atrial Fibrillation After Cryptogenic Stroke to Prevent Recurrent Strokes by Appropriate Counseling, Cardiology Referral and Telephone Follow-up: A Quality Improvement Initiative from Neurology Residents
Apoorv Prasad, Natl Inst of Health, Bethesda, MD; Amy Sanders, Julius Latorre, Upstate Med Univ, Syracuse, NY; Hesham Masoud, Upstate Med Univ, Syracuse, NY; Sanam Anwer, Upstate Med Univ, Syracuse, NY

Poster Board Number P295 / Presentation Number TP295
Administration of Intravenous Tissue Plasminogen Activator Does Not Prolong Door-to-recanalization Time in Acute Large-vessel Strokes
Nicolle W Davis, UF Health, Gainesville, FL; Anna Y Khamna, Christina A Wilson, Univ of Florida, Gainesville, FL; Roque Perez-Velez, UF Health, Gainesville, FL

Poster Board Number P296 / Presentation Number TP296
Time Trends in Race-ethnic Differences in Do-Not-Resuscitate Orders After Stroke
Kunal Bailoor, Univ of Michigan Med Sch, Ann Arbor, MI; Brisa N Sanchez, Univ of Michigan, Ann Arbor, MI; Rebecca J Lank, Michigan Med, Ann Arbor, MI; Chengwei Li, Erin Case, Univ of Michigan, Ann Arbor, MI; Nelda M Garcia, Michigan Med, Ann Arbor, MI; Lynda D Lisabeth, Univ of Michigan, Ann Arbor, MI; Lewis B Morgenstern, Darin B Zahraniac, Michigan Med, Ann Arbor, MI

Poster Board Number P297 / Presentation Number TP297
Ischemic Stroke in Young Adults: An Analysis from 2009-2016 Using Get with the Guidelines
Muhammad Umar Farooq, Mercy Health Saint Mary’s, Grand Rapids, MI; Kathie Thomas, American Heart Association, Grand Rapids, MI

Poster Board Number P298 / Presentation Number TP298
Examining the Relationship Between Continuing Education in Communication and Stroke Patient Outcomes
Sheri Frank, Detroit Receiving Hosp, Detroit, MI; Kathie Thomas, American Heart Association, Grand Rapids, MI

Poster Board Number P299 / Presentation Number TP299
Early Mortality Prediction in Ischemic Stroke
Ozan Akca, Craig Ziegler, Ruolan Liu, Benjamin Stewart, Rainer Lenhardt, Kerri Remmel, Univ of Louisville, Louisville, KY

Poster Board Number P300 / Presentation Number TP300
Where Did They Go? Recruitment and Retention in the Michigan Stroke Transition of Care trial (MSTT)
Michele C Fritz, Anne K Hughes, Amanda T Woodward, Mathew J Reeves, Michigan State Univ, East Lansing, MI

Poster Board Number P301 / Presentation Number TP301
Primary Language Predicts Outcomes in Acute Ischemic Stroke
Afra U Janarius, Noriko Anderson, Dana Stradling, Wengui Yu, Univ of California Irvine, Orange, CA

Poster Board Number P302 / Presentation Number TP302
Life After Thrombectomy
Bhuvaneswari K Dandapani, Kai Bartolone, Hari G Dandapani, Logan Drewery-Reeves, Vikram Roy, Health First Med Group, Melbourne, FL; Nikita B Dandapani, Johns Hopkins Univ, Baltimore, MD; Fawad Shahneen, Holmes Regional Med Ctr, Melbourne, FL
Poster Board Number P303 / Presentation Number TP303
Impact of the Number of the Board-certified Physicians on the Outcome of Acute Stroke: J-ASPECT Study
Koji Ihara, Dept of Neurosurgery, Graduate Sch of Med Sciences, Kyushu Univ, Fukuoka, Japan; Kunihiro Nishimura, Dept of Preventive Med and Epidemiologic Informatics, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Akiko Kada, Dept of Clinical Trials and Res, Ntl Hosp Organization Nagoya Med Ctr, Nagoya, Japan; Ai Kurogi, Dept of Neurosurgery, Graduate Sch of Med Sciences, Kyushu Univ, Fukuoka, Japan; Daisuke Onozuka, Akihito Hagihara, Dept of Health Communication, Graduate Sch of Med Sciences, Kyushu Univ, Fukuoka, Japan; Shinya Matsuda, MD, Ph, Dept of Preventive Med and Community Health, Sch of Med, Univ of Occupational and Environmental Health, Kitakyushu, Japan; Fumiaki Nakamura, Div of Data Management Ctr for Cardiovascular Disease Information, Natl Cerebral Cardiovascular Disease Information, Suita, Japan; Akifumi Suzuki, Dept of Surgical Neurology, Res Inst for Brain and Blood Vessels-Akita, Akita, Japan; Kazunori Toyoda, Dept of Cerebrovascular Med, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Shinichi Yoshimura, Dept of Neurosurgery, Hyogo Coll of Med, Nishinomiya, Japan; Shigeru Miyachi, Dept of Neurosurgery, Osaka Med Coll, Takatsuki, Japan; Yoshichi Shikawara, Dept of Neurosurgery, Kyorin Univ, Mitaka, Japan; Kumiko Ogasawara, Dept of Neurosurgery, Iwate Med Univ, Morioka, Japan; Keisuke Ide, Ryota Kurogi, Ataru Nishimura, Kouichi Arimura, Dept of Neurosurgery, Graduate Sch of Med Sciences, Kyushu Univ, Fukuoka, Japan
Poster Board Number P304 / Presentation Number TP304
Stroke-specific Quality of Life as an Independent Outcome in Intracerebral Hemorrhage
Audrey C Leasure, Anirudh Sreekrishnan, Cora H Ormseth, Laura C Myles, David M Mampre, Chris McLaughlin, Hardik Amin, Lauren H Sansing, Guido J Falcone, Kevin N Sheft, Yale Sch of Med, New Haven, CT
Poster Board Number P305 / Presentation Number TP305
Geographical Dispersion of Patients Referred to a Comprehensive Stroke Center in a Rural Setting
Erin Rindels, James Torner, Harold P Adams, Enrique Leira, Angie Whittmer, Michael Mueller, Univ of Iowa, Iowa City, IA; Iowa Stroke Registry
Poster Board Number P306 / Presentation Number TP306
Mobile Application, "WeTrain911" to Decrease Stroke Mortality by Enhancing Emergency Dispatcher Training
Aliza T Brown, Jay Im, Richard W Hall, Edgar Garcia-Rill, UAMS, Little Rock, AR
Poster Board Number P307 / Presentation Number TP307
Industry Sponsored Clinical Trials Have Reshaped Stroke Guidelines & Therapies
David 2 Wang, OSF/INI/Univ of Illinois Coll of Med, Peoria, IL; Sista Raghav, Univ of Illinois Coll of Med at Peoria, Peoria, IL; Huilun Liu, Second Affiliated Hosp, Soochow Univ, Suzhou, China; Deepak Nair, OSF/INI/Univ of Illinois Coll of Med, Peoria, IL; Hong Ding, Nanjing Med Univ Affiliated Hosp, Nanjing, China
Poster Board Number P309 / Presentation Number TP309
Hemorrhagic Stroke Citation Classic: Bibliometric Analysis of the 100 Most Influential Articles
Omar Saeed, Zeenat Qureshi Stroke Inst, St Cloud, MN; Konark Mampre, Chris McLaughlin, Hardik Amin, Lauren H Sansing, Guido J Falcone, Kevin N Sheft, Yale Sch of Med, New Haven, CT
Poster Board Number P310 / Presentation Number TP310
Inter-rater Reliability of Telephone Modified Rankin Scale Obtained for a Telestroke Network
Alyssa O’Treine, Steve O Shannon, Shima Bozorgui, Sean I Savitz, Tzu-Ching Wu, Christy M Ankrum, The Univ of Texas Health Science Ctr, Houston, TX
Poster Board Number P311 / Presentation Number TP311
Initial Stroke Severity Is a Significant Predictor of All-cause Mortality
Mark Alberts, Hartford HealthCare, Hartford, CT; Wen-Wen Chen, Jennifer H Lin, Janssen Scientific Affairs, LLC, Titusville, NJ; Siddhant Deshmukh, Mu Sigma Business Solutions Pvt Ltd, Bengaluru, India; Emily Kogan, Kathryn Twyman, Janssen Res and Development, LLC, Titusville, NJ; Dejan Milentijevic, Janssen Scientific Affairs, LLC, Titusville, NJ
Poster Board Number P312 / Presentation Number TP312
Assessment of the Data Collection Strategies for Stroke Patient-centered Outcomes: Implementation of the International Consortium for Health Outcomes in Brazil
Poster Board Number P313 / Presentation Number TP313
The Stroke Navigator: Using the Electronic Health Record to Improve Patient Care and Clinical Documentation
Kasii Kronfeld, Addisson McCasin, Stanford Univ, Palo Alto, CA; Brian Schenone, Stanford Health Care, Palo Alto, CA; Kyle Hobbs, Stanford Univ, Palo Alto, CA
Poster Board Number P314 / Presentation Number TP314
Comparison of Patient-centered Outcome Measures of the International Consortium for Health Outcomes Measurements (ICHOM) Between Private and Public Healthcare System in Brazil
Poster Board Number P315 / Presentation Number TP315
Secondary Stroke Risk Factors Can Be Appropriate Managed with Telemedicine
Ranish K Patel, Oregon Health & Science Univ, Portland, OR; Darren T Larsen, Providence St Vincent Med Ctr, Portland, OR; Josephine Sharma, Helmi L Lutesep, Oregon Health & Science Univ, Portland, OR

In-hospital Treatment Posters II

Poster Board Number P316 / Presentation Number TP316
Epidemiology of Neurologic Deterioration in Acute Stage of Ischemic Stroke or Transient Ischemic Attack

Poster Board Number P317 / Presentation Number TP317
Optimal Blood Pressure Level of Ischemic Stroke Changed by Time and Targeted Outcomes
Jihoon Kang, Beom Joon Kim, Moon-Ku Han, Hee-Joon Bae, Seoul Natl Univ Bundang Hosp, Seongnam, Korea, Republic of

Poster Board Number P318 / Presentation Number TP318
Hemorrhagic Transformation in Acute Ischemic Stroke: A Quantitative Systematic Review
Asaf Honig, Jennifer Percy, Amir A Sepheyth, Thalia S Field, Alejandra G Gomez, Oscar R Benavente, Univ of British Columbia, Vancouver, BC, Canada

Poster Board Number P319 / Presentation Number TP319
Early Feeding Post G-tube Insertion Is Safe in Stroke Patients
Dale Smith, Kirubarahara Vaheesai, Lisa Erlinger, Jaime Kyionn, Abhay Kumar, Saint Louis Univ Sch of Med, Saint Louis, MO
Poster Board Number P365 / Presentation Number TP365
Gender Differences in Symptom Perception and Care-seeking Behavior in Acute Stroke
Patricia A Zrelak, Kaiser Fndn Hosp, Citrus Heights, CA

Poster Board Number P366 / Presentation Number TP366
Last Known Well-to-acute Stroke Treatment Time Is the Key Factor for a Good Outcome as Measured by Modified Rankin Score at 1-year Post Discharge Follow-up
Karen Tao-Chang, Katrina Woolfolk, Kimberly Jones, Deborah Keasler, Pomona Valley Hosp, Pomona, CA

Poster Board Number P367 / Presentation Number TP367
Thrombolysis After Proximate Reversal of Heparin for Acute Ischemic Stroke Post Cardiac Catheterization Case Report and Literature Review
Danielle S Warner, Bryan G Schwartz, Lindsay Biddick, Reiji P Babygirija, Rehan Sajjad, Richard A Rovin, St Luke Med Ctr, Milwaukee, WI; Adil Chohan, Marian Univ Coll of Osteopathic Med, Indianapolis, IN; Kessarin Panichpipat, St Luke Med Ctr, Milwaukee, WI; Amy Pesch, Aurora Neurosciences Innovation Inst, Milwaukee, WI

Poster Board Number P368 / Presentation Number TP368
Effectiveness and Safety of Luseogliflozin, Sodium-glucose Cotransporter2 Inhibitor, to Treat Hyperglycemia in an Acute Stroke Stage
Takahisa Mori, Yuhei Tanino, Shigen Kasakura, Kazuhiro Yoshioka, Noriyoshi Nakai, Shonan Kamakura General Hosp, Kamakura, Japan

Poster Board Number P369 / Presentation Number TP369
Rapid Evaluation of Acute Ischemic Stroke Patients for Intervention
Kathleen A Henderson, Shawnee Mission Med Center, Merriam, KS

Poster Board Number P370 / Presentation Number TP370
Performance of a New “Code Stroke” Process in Hospitalized Patients in a Comprehensive Stroke Center in Minnesota
Carol J Droegemueller, Regions Hosp, Saint Paul, MN; Roberta L Wagner, Univ of Minnesota, Minneapolis, MN; Bhavani Kashyap, Mitchell W Clayton, Mary W Fennig, Leah R Hanson, HealthPartners Inst, Minneapolis, MN; Haitham M Hussein, Regions Hosp, Saint Paul, MN

Poster Board Number P371 / Presentation Number TP371
Use of a Rapid Activation Algorithm for Endovascular Intervention Treatment of Stroke
Michele Glidden, Helen Sercer, Eskenazi Health, Indianapolis, IN

Poster Board Number P372 / Presentation Number TP372
BRAIN ALERT: An Emergency Department Initiative to Improve Time Metrics for Patients That Walk in with Stroke Symptoms
Navdeep S Sangha, Quyen Nguyen, Atul Gupta, Nancy McCoy, Raeesa Dhanji, Marilen Castanon, David McCartney, Zahra Amani, Kaiser Permanente, Los Angeles, CA

Poster Board Number P373 / Presentation Number TP373
Regional Phoenix Stroke Work Group Improves Stroke Patient Care
Nancy J Denke, Honor Health Scottsdale Osborn Med Ctr, Scottsdale, AZ; Kimberly Duke, Banner Estrella Med Ctr Ph, Phoenix, AZ; Deborah A Liable, Banner Univ Med Ctr Ph, Phoenix, AZ; Ron Loomis, American Heart/American Stroke Association, Tempe, AZ; Hope Martinez, Honor Health John C Lincoln Med Ctr, Phoenix, AZ; Phoenix Stroke Workgroup

Poster Board Number P374 / Presentation Number TP374
EMS Simulation: Engaging Medics Through Stroke Simulation
Amy L Barnard, Christine Somberg, Northwestern Med Lake Forest Hosp, Lake Forest, IL

Poster Board Number P375 / Presentation Number TP375
Strength in Numbers: Enhancing Bedside Shift Report with an Advanced Registered Nurse Practitioner
Noella C West, Tampa General Hosp, Thonotosassa, FL; Denyse Pitak, Tampa General Hosp, Tampa, FL

Poster Board Number P376 / Presentation Number TP376
Disparities in Outcomes among Inpatient Stroke in Women Associated with Rural-urban Insurance Status in China
Zhenzhen Rao, Inst of Molecular Med, Peking Uni, Beijing, China; Hongguo Gu, Zixiao Li, Yifeng Wang, Yongjun Wang, Tianlan Clinical Trial and Res Ctr for Stroke, Beijing, China

Poster Board Number P377 / Presentation Number TP377
Stroke Navigator Program Supports Community Reintegration and Decreases Readmissions
Anh Juntura, Glen Jeff, Eden Med Ctr, Castro Valley, CA; Fern Cudlip, Good Samaritan Hosp, San Jose, CA; Christine O'Donnell, Eden Med Ctr, Castro Valley, CA

Poster Board Number P378 / Presentation Number TP378
How Caregivers Potentially Prevent Hospital Readmissions
Linda L Pierce, Univ of Toledo, Toledo, OH; Victoria Steiner, Univ of Toledo, Toledo, OH

Poster Board Number P379 / Presentation Number TP379
Early Stroke Survivor Discharge Planning, a Complexity Reduction Tool
Abigail Richardson, Richard S经销商, Bowman Gray Sch of Med, Winston-Salem, NC

Poster Board Number P380 / Presentation Number TP380
Highlighting Your Hospitalization: An Improvement in Post Stroke Care Education
Anna Ruh, Henry Ford West Bloomfield Hosp, West Bloomfield, MI

Poster Board Number P381 / Presentation Number TP381
Health-related Quality of Life in Stroke Survivors: The 2015 Korea National Health and Nutrition Examination Survey
Soyun Seong, Hyejin Lee, Sunghoon So, Youngok Kim, Yeongsun Lee, Sunghwan Park, Sung Kyu Lee, Sung Myung Lee, Sungmoon Kim, Jeong Han, Hyeon Joo, Ahn Sang-jae, Young-joon Kim, Hye-sang Lee, Bong-il Woo, Myung-hwan Lee, Jeunghun Kim, Young Min Jang, Sungho Jeon, Jeonju, Republic of

Poster Board Number P382 / Presentation Number TP382
Post Stroke Depression: Value of Patient Health Questionnaires in Outpatient Setting
Abigail Rieman, Stacey Schiano, UVA Med Ctr, Charlottesville, VA

Poster Board Number P383 / Presentation Number TP383
Younger Caregivers of Stroke Survivors Experience Personal Growth Through Caregiving
Maureen Mathews, Tiffany Liu, Judith Beck, Diana Connell, Candace Couri, Jan Jahnel, Clayton McNeill, Nancy Machens, Deepak Nair, OSF Healthcare, Peoria, IL; Marylee Nunley, Retreat and Refresh Stroke Camp, Peoria, IL; Larry Schaer, United Stroke Alliance, Peoria, IL; Manas Upadhyaya, David Wang, OSF Healthcare, Peoria, IL

Poster Board Number P384 / Presentation Number TP384
Safety of Rapid Therapy Evaluation for Tissue Plasminogen Activator Treated Patients
Lauri Spiers, David Graves, JPS Health Network, Fort Worth, TX

Poster Board Number P385 / Presentation Number TP385
A Mobile-friendly Website to Reduce Stroke Caregiver Burden: A Qualitative and Pilot Study
Michelle R Caunce, Marialaura Simonetto, Jordyn Rice, Andres De Leon-Benedetti, Gregory Hartley, Sara J Czaja, Univ of Miami Miller Sch of Med, Miami, FL

Poster Board Number P386 / Presentation Number TP386
Growing Intracranial Aneurysms in Older Patients Tend to Have Higher Annual Growth Rates
Dennis Chang, Hajime Yokota, Emiko Morimoto, Warren Chang, Viktor Szedler, Pablo Villalba, Gary Duckwiler, Ach Chien, David Geffen Sch of Med at UCLA, Los Angeles, CA

Poster Board Number P387 / Presentation Number TP387
Hospital-acquired Pneumonia Prevention Program to Minimize the Risk for Poststroke Caregiver Burden: An Improvement in Post Stroke Care Education
Abigail Rieman, Stacey Schiano, UVA Med Ctr, Charlottesville, VA

Poster Board Number P388 / Presentation Number TP388
Targeted Sphingolipid Profiling Identifies Novel Biomarkers of Cerebral Microvascular Disease
Iida Azizkhanian, New York Med Coll, New York, NY; Songmi Lee, Univ of Texas Houston, Houston, TX; Visesha Kakkar, Univ of California Los Angeles, Los Angeles, CA; Sunil A Sheth, Univ of Texas Houston, Houston, TX; Jason D Hinman, David Geffen Sch of Med at UCLA, Los Angeles, CA

Preventive Strategies Posters II

Poster Board Number P378 / Presentation Number TP378
Last Known Well-to-acute Stroke Treatment Time Is the Key Factor for a Good Outcome as Measured by Modified Rankin Score at 1-year Post Discharge Follow-up
Karen Tao-Chang, Katrina Woolfolk, Kimberly Jones, Deborah Keasler, Pomona Valley Hosp, Pomona, CA

Poster Board Number P379 / Presentation Number TP379
How Caregivers Potentially Prevent Hospital Readmissions
Linda L Pierce, Univ of Toledo, Toledo, OH; Victoria Steiner, Univ of Toledo, Toledo, OH

Poster Board Number P380 / Presentation Number TP380
Highlighting Your Hospitalization: An Improvement in Post Stroke Care Education
Anna Ruh, Henry Ford West Bloomfield Hosp, West Bloomfield, MI

Poster Board Number P381 / Presentation Number TP381
Health-related Quality of Life in Stroke Survivors: The 2015 Korea National Health and Nutrition Examination Survey
Soyun Seong, Hyejin Lee, Sunghoon So, Youngok Kim, Yeongsun Lee, Sunghwan Park, Sung Kyu Lee, Sung Myung Lee, Sungmoon Kim, Jeong Han, Hyeon Joo, Ahn Sang-jae, Young-joon Kim, Hye-sang Lee, Bong-il Woo, OSF Healthcare, Peoria, IL; Marylee Nunley, Retreat and Refresh Stroke Camp, Peoria, IL; Larry Schaer, United Stroke Alliance, Peoria, IL; Manas Upadhyaya, David Wang, OSF Healthcare, Peoria, IL

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Poster Board Number P383 / Presentation Number TP383
Younger Caregivers of Stroke Survivors Experience Personal Growth Through Caregiving
Maureen Mathews, Tiffany Liu, Judith Beck, Diana Connell, Candace Couri, Jan Jahnel, Clayton McNeill, Nancy Machens, Deepak Nair, OSF Healthcare, Peoria, IL; Marylee Nunley, Retreat and Refresh Stroke Camp, Peoria, IL; Larry Schaer, United Stroke Alliance, Peoria, IL; Manas Upadhyaya, David Wang, OSF Healthcare, Peoria, IL

Poster Board Number P384 / Presentation Number TP384
Safety of Rapid Therapy Evaluation for Tissue Plasminogen Activator Treated Patients
Lauri Spiers, David Graves, JPS Health Network, Fort Worth, TX

Poster Board Number P385 / Presentation Number TP385
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Michelle R Caunce, Marialaura Simonetto, Jordyn Rice, Andres De Leon-Benedetti, Gregory Hartley, Sara J Czaja, Univ of Miami Miller Sch of Med, Miami, FL

Poster Board Number P386 / Presentation Number TP386
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Dennis Chang, Hajime Yokota, Emiko Morimoto, Warren Chang, Viktor Szedler, Pablo Villalba, Gary Duckwiler, Ach Chien, David Geffen Sch of Med at UCLA, Los Angeles, CA

Poster Board Number P387 / Presentation Number TP387
Hospital-acquired Pneumonia Prevention Program to Minimize the Risk for Poststroke Caregiver Burden: An Improvement in Post Stroke Care Education
Abigail Rieman, Stacey Schiano, UVA Med Ctr, Charlottesville, VA

Poster Board Number P388 / Presentation Number TP388
Targeted Sphingolipid Profiling Identifies Novel Biomarkers of Cerebral Microvascular Disease
Iida Azizkhanian, New York Med Coll, New York, NY; Songmi Lee, Univ of Texas Houston, Houston, TX; Visesha Kakkar, Univ of California Los Angeles, Los Angeles, CA; Sunil A Sheth, Univ of Texas Houston, Houston, TX; Jason D Hinman, David Geffen Sch of Med at UCLA, Los Angeles, CA
Poster Board Number CTP17 / Presentation Number CTP17
A Multifaceted Intervention to Increase Adherence to Evidence-based Care in Patients with Acute Ischemic Stroke and Transient Ischemic Attack: The Bridge Stroke International Cluster-randomized Trial
Maria Julia Machline Carrion, Karina Normilio-Silva, Eliana Santucci, Res Inst Stroke International Cluster-randomized Trial, Patients with Acute Ischemic Stroke and Transient Ischemic Attack: The Bridge A Multifaceted Intervention to Increase Adherence to Evidence-based Care in Poster Board Number CTP17 / Presentation Number CTP17
Sinai, New York, NY
Community Housing, Los Angeles, CA; Barbara Vickrey, Icahn Sch of Med at Mount Sinai, Los Angeles, CA; Brian Mittman, Veterans Admin Greater Los Angeles Healthcare System, Los Angeles, CA; William Cunningham, Honghu H Liu, David Ganz, Univ of California Los Angeles, Los Angeles, CA; Diane Factor, Worker Education and Resource Ctr, Los Angeles, CA; Nancy Iribahim, Esperanza Community Housing, Los Angeles, CA; Barbara Vickrey, Icahn Sch of Med at Mount Sinai, New York, NY

Poster Board Number CTP17 / Presentation Number CTP17
A Multifaceted Intervention to Increase Adherence to Evidence-based Care in Patients with Acute Ischemic Stroke and Transient Ischemic Attack: The Bridge Stroke International Cluster-randomized Trial
Maria Julia Machline Carrion, Karina Normilio-Silva, Eliana Santucci, Res Inst HCor - Hosp do Coração, Sao Paulo, Brazil; Cecilia Bahit, INECO, Rosario, Argentina; German Málaga, Hosp Cayetano Heredia, Lima, Peru; Lucas Damiani, Hosp Do Coracao, Sao Paulo, Brazil; Octávio Marques Pontes-Neto, Unio de São Paulo Ribeirão Preto, Ribeirão Preto, Brazil; Sheila Cristina Martins, Univ Federal do Rio Grande do Sul, Porto Alegre, Brazil; Viviane Flumignan Zélota, Univ Federal do Paraná, Curitiba, Brazil; Gabriel Rodrigues de Freitas, Insto D’or de Ensino e Pesquisa, Rio de Janeiro, Brazil; Antônio de Salles, Hosp Do Coração, Sao Paulo, Brazil; Alessandra Gorgulho, Hosp Do Coracao, Sao Paulo, Brazil; Helio Penha Guimarães, Alexandre Blasi Cavalcanti, Res Inst HCor - Hosp do Coração, Sao Paulo, Brazil; Ying Xian, Janet Prvu Bettger, Renato D Lopes, Truman J Milling, Patrick Lawrence, Benjamin King, Dell Med Sch at UT Austin, Austin, TX; Lone Star Stroke Consortium, Steven Warach, Truman J Milling, Patrick Lawrence, Benjamin King, Dell Med Sch at The Univ of Texas at Austin, Austin, TX

Poster Board Number CTP19 / Presentation Number CTP19
Tama-registry of Acute Endovascular Thrombectomy (TREAT) in Tokyo Japan
Takahiro Ota, Tokyo Metropolitan Tama Med Ctr, Tokyo, Japan; Keigo Shigeta, Natl Hosp Organization Disaster Med Ctr, Tokyo, Japan; Tatsuo Amano, Kuriyoshi Univ, Tokyo, Japan; Mayasuki Ueda, Tokyo Metropolitan Tama Med Ctr, Tokyo, Japan; Junya Kaneko, Nippon Med Sch Tama Nagayama Hosp, Tokyo, Japan; Hirotaoka Yoshida, Kitaura Int Hosp, Tokyo, Japan; Atsushi Shimada, Sassa General Hosp, Tokyo, Japan; Takahisa Fuse, Fussa Hosp, Tokyo, Japan; Yoshiaki Kuroshima, Hino Municipal Hosp, Tokyo, Japan; Osamu Ishikawa, Showa General Hosp, Tokyo, Japan; Shigeru Nagowa, Tokai Univ Hachiho Hosp, Tokyo, Japan; Yuji Matsumaru, Tsukuba Univ, Tokyo, Japan; Teruyuki Hirano, Yoshiaki Shiokawa, Kyorin Univ, Tokyo, Japan

Poster Board Number CTP20 / Presentation Number CTP20
Neuroimaging in Cessation Education (NICE) Trial
Marci McCullough-Hicks, Gena Coelho, Caroline Briggs, Paul Novello, Karin Nydstrom, Patricia Giannelli, Hardik Amin, Yale Univ, New Haven, CT

Poster Board Number CTP21 / Presentation Number CTP21
A Randomized Controlled Trial of Direct Endovascular Clotretrieval versus Standard Thrombolysis with Endovascular Clot Retrival Within 45 Hours of Stroke Onset
Bernard Yan, Peter Mitchell, Bruce Campbell, Leonid Churilov, Royal Melbourne Hosp, Parkville, Australia; Henry Ma, Monash Med Ctr, Melbourne, Australia; Geoffrey Donnan, Florey Inst, Parkville, Australia; Stephen Davis, Royal Melbourne Hosp, Parkville, Australia

Poster Board Number CTP22 / Presentation Number CTP22
TEMPO-2 Trial
Shelagh Coutts, Carol Kenney, Univ of Calgary, Calgary, AB, Canada; Amy Y Yu, Sunnybrook Health Sciences Ctr, Calgary, AB, Canada; Mark Parsons, Univ of Melbourne, Calgary, AB, Canada; Mayank Goyal, Univ of Calgary, Calgary, AB, Canada; Peter Kelly, Mater Misericordia Hosp, Dublin, Ireland; Christopher Levi, Sydney Partnership for Health, Education, Res and Enterprise, Sydney, Australia; Keith Muir, Univ of Glasgow, Glasgow, United Kingdom; Stefan Greisenerger, Med Univ of Vienna, Vienna, Austria; Carlos Molina, Val d’Hebron Hosp, Barcelona, Spain; Michael D Hill, Univ of Calgary, Calgary, AB, Canada

Poster Board Number CTP23 / Presentation Number CTP23
Rosuvastatin Treatment for Symptomatic Middle Cerebral Artery Stenosis Based on High-resolution Magnetic Resonance Imaging (REALM): A Comparison Between Baseline and 6 Months
Yilong Wang, Jing Jing, Dept of Neurology, Beijing Tiantan Hosp, Beijing, China; Xihai Zhao, Dept of Biomedical Engineering, Tsinghua Univ, Beijing, China; Chun Yuan, Jie Sun, Dongxian Yu, Dept of Radiology, Univ of Washington, Seattle, WA; Leping Liu, Jie Xu, Yongjun Wang, Dept of Neurology, Beijing Tiantan Hosp, Beijing, China

Poster Board Number CTP24 / Presentation Number CTP24
Frame: Multimodal Imaging Before Mechanical Thrombectomy
Jean Marc Olivet, Jean François Alburger, Toulouse Univ Hosp Stroke Unit, Toulouse, France; Igor Sibon, Bordeaux Univ Hosp Stroke Unit, Bordeaux, France; Nicola Ross, Toulouse Univ Hosp Stroke Unit, Toulouse, France; Thomas Touillard, Bordeaux Univ Hosp Diagnostic and Interventional Neuroradiology, Bordeaux, France; Lionel Calviere, Toulouse Univ Hosp Stroke Unit, Toulouse, France; Patrice Menegon, Bordeaux Univ Hosp Interventional Neuroradiology, Bordeaux, France; Anne Christine Januel, Toulouse Univ Hosp Diagnostic and Interventional Neuroradiology, Toulouse, France; Pauline Renou, Bordeaux Univ Hosp Stroke Unit, Bordeaux, France; Alain Viguier, Toulouse Univ Hosp Stroke Unit, Toulouse, France; Fabrice Bonneville, Toulouse Univ Hosp Diagnostic and Interventional Neuroradiology, Toulouse, France; Agnes Sommet, Toulouse Univ Hosp Clinical Investigation Ctr, Toulouse, France; Patrice Menegon, Bordeaux Univ Hosp Diagnostic and Interventional Neuroradiology, Bordeaux, France; Claire Thalmas, Toulouse Univ Hosp Clinical Investigation Ctr, Toulouse, France; Christophe Cognard, Toulouse Univ Hosp Diagnostic and Interventional Neuroradiology, Toulouse, France; FRAME Investigators

Poster Board Number CTP25 / Presentation Number CTP25
Phase –1b Clinical Trial of Dodecafluoropentane Emulsion as a Neuroprotective Agent in Acute Ischemic Stroke

Poster Board Number CTP26 / Presentation Number CTP26
Basilariartery Occlusion Chinese Endovascular Trial (baoche): Protocol for a Prospective Randomized Controlled Study
Chunhui Li, Xunming Ji, Xuanwu Hosp of Capital Med, Beijing, China

Poster Board Number CTP27 / Presentation Number CTP27
Effects of the Hybrid Exercise-cognitive Training in Mild Ischemic Stroke with Cognitive Decline by Functional Magnetic Resonance Imaging
Lalita Kathi Sharma, Iveli Tokurboh, Johanna L Avelar, David Liebeskind, Jeffrey Saver, UCLC, Los Angeles, CA

Poster Board Number CTP28 / Presentation Number CTP28
Remote Preconditioning Over Time to Empower Cerebral Tissue (REM-PROTECT)

Poster Board Number CTP29 / Presentation Number CTP29
Womens Imaging of Stroke Hemodynamics Study
Adrienne N Dula, Dell Med Sch at UT Austin, Austin, TX; Lone Star Stroke Consortium
Poster Board Number CTP30 / Presentation Number CTP30
Randomized Study of Endovascular Therapy with versus without Intravenous Tissue Plasminogen Activator in Acute Stroke with LCA and M1 Occlusion (Skip Study) – A Prospective, Multicenter, Randomized Trial
Kentaro Suzuki, Kazumi Kimura, Nippon Med Sch, Tokyo, Japan; Masataka Takeuchi, Seisho Hosp, Kanagawa, Japan; Keigo Shigeta, Natl Hosp Organization Disaster Med Ctr Hosp, Tokyo, Japan; Ryuzaburo Kanazawa, Nagareyama Central Hosp, Chiba, Japan; Takahiro Ota, Tokyo Metropolitan Tama Med Ctr, Tokyo, Japan; Norhiro Ishii, New Tokyo Hosp, Chiba, Japan; Akio Hyodo, Dokkyo Med Univ Koshigaya Hosp, Saitama, Japan; Masafumi Morimoto, Yokohama Shintoshi Neurosurgical Hosp, Kanagawa, Japan; Seiji Okubo, NTT Med Ctr Tokyo, Tokyo, Japan; Yuki Kamiya, Showa Univ Koto Toyosu Hosp, Tokyo, Japan; Kazunori Akaji, Mihara Memorial Hosp, Gunma, Japan; Noriyuki Kato, Mito Med Ctr, Ibaraki, Japan; Hiromichi Naito, Funabashi Municipal Med Ctr, Chiba, Japan; Tatsuo Amano, Kyorin Univ Faculty of Med, Tokyo, Japan; Masato Inoue, Natl Ctr for Global Health and Med, Tokyo, Japan; Kazunori Miki, Tokyo Med and Dental Univ, Tokyo, Japan; Wataru Tsuruta, Tohoku Univ Hosp, Tokyo, Japan; Yoshihiro Ueda, St Marianna Univ Toyoko Stroke Ctr, Kanagawa, Japan; Toshihiro Ishibashi, Yasuyuki Iuchi, The Jikei Univ Sch of Med, Tokyo, Japan; Tomohisa Denho, Saitama Med Ctr Saitama Med Univ, Saitama, Japan; Shigeru Fujimoto, Jichi Med Univ Hosp, Tochigi, Japan; Teruyuki Hirano, Kyorin Univ Faculty of Med, Tokyo, Japan; Akio Morita, Hiroyuki Yokota, Nippon Med Sch, Tokyo, Japan; Yuji Matsunari, Univ of Tsukuba Hosp, Ibaraki, Japan

Poster Board Number CTP31 / Presentation Number CTP31
Insights on Selected Procoagulation Markers and Outcomes in Stroke Trials (I-SPOT)

Poster Board Number CTP32 / Presentation Number CTP32
Effectiveness of Intensive Cognitive-linguistic therapy in Post-stroke Aphasia Patients: A Randomized, Open-label, Controlled Trial in Low-resource Healthcare Setting
Harsimarpreet Kaur, Senthil Kumaran, Sakshi Chopra, All India Inst of Med Sciences, New Delhi, India; Rm Pandey, All India Inst of Med Sciences, New Delhi, India; Rohit Bhatia, Ashima Nehra, All India Inst of Med Sciences, New Delhi, India

Poster Board Number CTP33 / Presentation Number CTP33
Noninvasive Cerebral Electrical Stimulation to Reduce Unilateral Spatial Neglect After Stroke
Tais Regina da Silva, Juli Thomaz de Souza, Rafael Dalle da Costa, Priscilla Watson Ribeiro, Lais Geromutti Martins, Hélio Rubens Nunes, Lorena Cristina Sartor, Fernanda Cristina Winkler, Gabriel Pinheiro Modolo, Silmêlia Garcia Bazan, Adriana Bastos Conforto, Sao Paulo State Univ UNESP, Botucatu, Brazil; Eduardo de Moura Neto, Univ Federal do Triângulo Mineiro, Uberaba, Brazil; Marcelo Ortolani Fagoroli, Gabriela Rizzo Soares, Sao Paulo State Univ UNESP, Botucatu, Brazil; Gustavo José Luiz Vizutti, Univ Federal do Triângulo Mineiro, Uberaba, Brazil; Rodrigo Bazan, Sao Paulo State Univ UNESP, Botucatu, Brazil

Poster Board Number CTP34 / Presentation Number CTP34
A European, Multicentre, Phase III, Clinical Trial of Hypothermia for Acute Ischaemic Stroke: EuroHYP-1
Philip M Bath, Hayley Gregory, Univ of Nottingham, Nottingham, United Kingdom; Kennedy Lees, Univ of Glasgow, Inst of Cardiovascular and Med Sciences, Glasgow, United Kingdom; Malcolm Macleod, Univ of Edinburgh, Ctr for Clinical Brain Sciences, Edinburgh, United Kingdom; Bart van der Worp, Univ Med Ctr, Dept of Neurology, Utrecht, Netherlands; Derk Krieger, Univ of Copenhagen, Dept of Neurology, Copenhagen, Denmark; Jesper Petersson, Dept of Neurology, Malmo, Skane, Sweden; Dimitre Staykov, Univ of Erlangen, Dept of Neurology, Erlangen, Germany; Stefan Schwab, Univ of Erlangen, Dept of Neurology, Erlangen, Germany; Bridget Collam, Univ of Edinburgh, Ctr for Clinical Brain Sciences, Edinburgh, United Kingdom; Nikola Sprigg, Univ of Nottingham, Nottingham, United Kingdom

Poster Board Number CTP35 / Presentation Number CTP35
NIH StrokeNet Evolving Network
Joseph P Broderick, Univ of Cincinnati, Cincinnati, OH; Yoko Y Palesch, Wenle Zhao, Med Univ of South Carolina, Charleston, SC; Scott Janis, Claudia S Moy, Natl Inst of Neurological Disorders & Stroke, Rockville, MD

Poster Board Number CTP36 / Presentation Number CTP36
Tele rehabilitation in the Home versus Therapy In-clinic for Patients with Stroke
Steven C Cramer, Univ of California Irvine, Irvine, CA
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A page of a document with various names and numbers, possibly indicating affiliations or publications.
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