Final Program

Connecting the World to Stroke Science

INTERNATIONAL STROKE CONFERENCE 2013
Nursing Symposium: February 5
ISC Pre-Conference: February 5
Sessions: February 6-7
Honolulu, Hawaii
strokeconference.org

Level 1: Exhibit Halls/Lobby

Level 2: Show Management Office
Speaker Resource Center
News Media Conference Room
Medical Services

Level 3: Meeting Rooms

Level 4: Ballrooms/Rooftop Garden

Note: Parking is on Level 2.

Education. Inspiration. Illumination.

strokeconference.org
The American Heart Association/American Stroke Association is grateful to the members of the International Stroke Conference 2013 Program Committee for their dedication and leadership provided throughout the year in planning the program.

Program Committee

Steven Greenberg, MD, PhD, FAHA, Chair
Kyra Becker, MD, FAHA, Vice Chair
Felipe Albuquerque, MD
Bill Armstead, PhD, FAHA
Tamilyn Bakas, PhD, RN, FAHA, FAAN
Tom Carmichael, MD, PhD
Bob Carter, MD, PhD
Seemant Chaturvedi, MD, FAHA, FAAN
Andrew Demchuk, MD
Gabrielle deVeber, MD
Conrado J Estol, MD, PhD
Joshua Goldstein, MD, PhD, FAHA
Nicole Gonzales, MD
Murat Gunel, MD, FACS (AANS/CNS/SNIS Liaison)
Mary Haan, MPH, DrPH
Edward Jauch, MD, MS, FAHA, FACEP (Stroke Council Chair)
Peter Kelly, MD, MS, FRCPI, ABPN (Dip)
Pooja Khatri, MD, FAHA
Kennedy Lees, MD
Christopher Moran, MD
Lewis Morgenstern, MD, FAHA, Past Chair
Bo Norrving, MD, PhD, FESC
Randolph Nudo, PhD
Bruce Ovbiagele, MD, MSc, FAHA
Aman Patel, MD
Peter Rasmussen, MD
Joel Stein, MD
Jiguang Wang, MD, PhD
Darin Zahuranec, MD
Sam (Osama) Zaidat, MD

For a complete list of ISC abstract graders, please go to strokeconference.org/programming.
<table>
<thead>
<tr>
<th>COMMITTEE MEMBER</th>
<th>CONFLICT OF INTEREST</th>
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<tbody>
<tr>
<td>W Armstead</td>
<td>Research Grant; Significant; NIH RD1 NS53410.</td>
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<tr>
<td>K Becker</td>
<td>Research Grant; Significant; NINDS, AHA, Other; Modest; Panexel.</td>
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<tr>
<td>T Bakas</td>
<td>Research Grant; Significant; NIH/NICHD funding.</td>
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<tr>
<td>S Carmichael</td>
<td>Consultant/Advisory Board; Modest; Boehringer-Ingelheim, BMS, Sanofi.</td>
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<tr>
<td>S Chaturvedi</td>
<td>Consultant/Advisory Board; Modest; Boehringer-Ingelheim.</td>
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<tr>
<td>A M Demchuk</td>
<td>Research Grant; Significant; OHNIH, INTERSECT study.</td>
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<tr>
<td>S deVeber</td>
<td>Research Grant; Significant; NINDS.</td>
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<tr>
<td>Gabrielle deVeber</td>
<td>Consulting/Advisory Board; Modest; Hoffman-Laroche, NIH, AHA, BMS.</td>
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<tr>
<td>Andrew Demchuk</td>
<td>Consultant/Advisory Board; Modest; Bristol Meyers Squibb.</td>
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<tr>
<td>Steve Greenberg</td>
<td>Research Grant; Significant; National Institutes of Health.</td>
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<tr>
<td>P Khatri</td>
<td>Research Grant; Significant; NIH support for CLEAR II, EUROVITTEP-1.</td>
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<tr>
<td>Kennedy R Laces</td>
<td>Employment; National Institutes of Health, NIH Stroke Research Network.</td>
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**Bill Armstead**
- **W Armstead:** Research Grant; Significant; NIH RD1 NS53410.
- **K Becker:** Research Grant; Significant; NINDS, AHA, Other; Modest; Panexel.
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- **S deVeber:** Research Grant; Significant; NINDS.
- **Andrew Demchuk:** Consultant/Advisory Board; Modest; Bristol Meyers Squibb.
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<tr>
<td>Lewis Morgenstern</td>
<td>L B Morgenstern: Research Grant; Significant; NIH/NINDS.</td>
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<tr>
<td>Randolph J Nudo</td>
<td>R J Nudo: Research Grant; Significant; NIH; Department of Defense. Consultant/Advisory Board; Modest; Microtransponder.</td>
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<tr>
<td>Bruce Ovbiagele</td>
<td>B Ovbiagele: Research Grant; Significant; NIH-NINDS U01 NS079179.</td>
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<td>Peter Rasmussen</td>
<td>P A Rasmussen: Honoraria; Modest; Columbia University, University of Toledo. Ownership Interest; Modest; Penumbra Medical. Ownership Interest; Significant; Blockade Medical. Consultant/Advisory Board; Significant; Blockade Medical.</td>
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<tr>
<td>Jiguang Wang</td>
<td>J Wang: Research Grant; Modest; A&amp;D. Consultant/Advisory Board; Modest; Pfizer, A&amp;D. Honoraria; Modest; Pfizer.</td>
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<tr>
<td>Sam (Osama) Zaidat</td>
<td>O Zaidat: Consultant/Advisory Board; Modest; Stryker, Covedian, Penumbra, Ev3 and Codman.</td>
</tr>
<tr>
<td>Darin Zahuranec</td>
<td>D Zahuranec: Research Grant; Significant; NIH/NIA KAG03873; NIH Grant K23AG038731.</td>
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</table>

This table represents the relationships of program committee members which may be perceived as actual or reasonably perceived conflicts of interest as reported on the Disclosure Questionnaire which all members of the program committee are required to complete and submit. A relationship is considered to be “Significant” if (a) the person receives $10,000 or more during any 12 month period, or 5% or more of the person’s gross income; or (b) the person owns 5% or more of the voting stock or share of the entity, or owns $10,000 or more of the fair market value of the entity. A relationship is considered to be “Modest” if it is less than “Significant” under the preceding definition. Committee members who had nothing to disclose are not listed.
CME Available!

Stroke has 1 CME course associated with each issue. Each course, carefully prepared by distinguished faculty, is approved for AMA PRA Category 1 Credit™. The American Heart Association designates this educational activity for a maximum of 1 AMA PRA Category 1 Credit™. Physicians should only claim credit commensurate with the extent of their participation in the activity. Take the courses and use your tokens to obtain credits.

- **Read** the CME-designated article in each monthly issue of Stroke. Articles are available in both print and online editions.
- **Visit** cme.ahajournals.org and complete the courses’ related quizzes and evaluations online. You can browse for courses by journal or topic.
- **Pass** each quiz with a score of 80% or higher to claim your AMA PRA Category 1 Credit™. With your “My CME” page, you can track your progress and print an official certificate for each completed course.
- **Use** your first 12 tokens free with each print or online issue of Stroke—AHA/ASA Premium Professional Plus Members* use 36 free tokens as a benefit of membership!

Visit cme.ahajournals.org to start earning CME credit today.

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The American Heart Association is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. A token is equivalent to 1 AMA PRA Category 1 Credit™. The CME program is not available to institutional subscribers.

*AHA/ASA Premium Professional Plus members have online access to all 11 AHA journals. You may use your first 36 tokens at no additional cost. AHA/ASA Premium Professional Members receive online access to their choice of 7 of the 11 AHA journals as a benefit of membership. With your subscriptions to Circulation, Hypertension, and Stroke, you may use your first 36 tokens at no additional charge.

Become a Professional Member, visit AHA/ASA Headquarters (booth #430) in the Science & Technology Hall.
The American Stroke Association would like to acknowledge the following companies for their generous educational grant in support of the International Stroke Conference Education Programming:

**Boehringer Ingelheim Pharmaceuticals, Inc.**

**Covidien**

**Stryker Neurovascular**

The American Stroke Association is grateful for the continued support and generosity of the following companies:

**Cedars-Sinai Medical Center**

**Genentech, a Member of the Roche Group**

**Wolters Kluwer Medical Research**

(As of December 10, 2012)
Dear Colleague:

E Komo Mai – welcome to the International Stroke Conference 2013. This is a very exciting time in the field of cerebrovascular disease. The rate of discovery of new diagnostic and therapeutics for stroke has never been greater. The program emphasizes basic, clinical and translational sciences as they evolve toward a more complete understanding of stroke pathophysiology with the overall goal of developing more effective prevention and treatment. Stroke systems of care, quality and outcomes are also key parts of the conference.

The International Stroke Conference 2013 provides unique opportunities to meet and network with colleagues from around the world with wide-ranging research interests and expertise in stroke prevention, diagnosis, treatment and rehabilitation. This year, we anticipate more than 3,700 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 2013 program offers two separate pre-conference symposia: the State-of-the-Science Stroke Nursing Symposium and the ISC Pre-Conference Symposium: Primary Care for Stroke Patients: A Surfside View. The main days of the ISC include invited symposia; debates; oral scientific abstract presentations; and scientific abstract posters, as well as special lectures on recent advances and state-of-the-art technologies. This conference is intended for neurologists, neurosurgeons, neuroradiologists, neurointerventionalists, endovascular specialists, emergency medicine specialists, physiatrists, nurses, rehabilitation specialists, and primary care doctors who care for stroke patients. Additionally, the ISC is just as much home for basic scientists, clinical scientists, stroke program coordinators, policy makers and public health officials who work in the stroke field.

The Council on Cardiovascular Nursing has planned another extraordinary pre-conference symposium. The State-of-the-Science Stroke Nursing Symposium 2013 program will include: Topics in Clinical Research and Practice; Essentials of Standard Clinical Practice and Stroke Center Development; Rehabilitation and Recovery; and the Power of Collaboration.

The ISC pre-conference symposium will highlight scientific advances in cerebrovascular disease while emphasizing their application in the real world. This year’s focus will be for primary care clinicians in stroke prevention, diagnosis, management, and treatment in the outpatient and inpatient settings including: the need for rapid assessment, diagnosis, and management of TIA; current guidelines and practice in the management of acute stroke; the appropriate use of warfarin and newer anticoagulants; and post-stroke sequelae.

The International Stroke Conference will feature special symposia, debates and abstract presentations that focus on numerous topics from 21 stroke-related categories. Sessions in clinical categories will center on diagnosis, acute nonendovascular treatment, in-hospital treatment, rehabilitation and recovery, pediatric stroke, prevention, community/risk factors, nursing, emergency medicine, outcomes, experimental mechanisms & models, vascular biology, intraparenchymal hemorrhage, and vascular cognitive impairment. Sessions in surgical and interventional categories will focus on aneurysm, acute neuroimaging, cerebrovascular occlusive disease, acute endovascular treatment, SAH & other neurocritical care management, and vascular malformations.

This year, not only will you have the opportunity to experience exceptional education and cutting edge technology, you also will have the chance to see the spectacular island of Oahu – the heart of Hawaii.

Thank you for joining us for this unique event. For the most current conference and programming information, please visit strokeconference.org and the online program planner. And don’t forget to mark your calendar for next year, Feb 12 - 14, 2014, in sunny San Diego, California.

Sincerely,

Steve Greenberg, MD, PhD, FAHA
Chair, International Stroke Conference Program Committee
International Stroke Conference

February 6 – 8
Hawaii Convention Center
Honolulu, Hawaii

Program Description
The International Stroke Conference is the world's largest meeting dedicated to the science and treatment of cerebrovascular disease. More than 1,300 presentations will be featured that emphasize basic, clinical and translational sciences as they evolve toward a more complete understanding of stroke pathophysiology with the overall goal of developing more effective prevention and treatment.

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

Program/Learning Objectives
At the conclusion of the International Stroke Conference, participants should be able to:

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

International Stroke Conference and Nursing Symposium Abstracts
Abstracts from the International Stroke Conference 2013 and the Nursing Symposium 2013 will be published online in early February 2013 on the Stroke journal's Web site at http://stroke.ahajournals.org. Late-Breaking Science and Ongoing Clinical Trials abstracts will be available online on the ISC Web site at strokeconference.org.
CME/CE Disclosure
All persons who develop and/or control educational content in CME/CE activities sponsored by the American Heart Association will disclose to the audience all financial relationships with any commercial supporters of this activity as well as with other commercial interests whose lines of business are related to the CME/CE-certified content of this activity. In addition, presenters will disclose unlabeled/unapproved uses of drugs or devices discussed in their presentations. Such disclosures will be made in writing in course presentation materials.

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

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

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

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

Continuing Medical Education Accreditation – Physician Assistants
AAPA accepts Category I credit from AOACCME, prescribed credit from AAFP, and AMA PRA Category 1 Credit™ from organizations accredited by ACCME.

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

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

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

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

Embargo Guidelines
International Stroke Conference 2013 abstracts, lectures and presentations are embargoed for release at the date and time of presentation or time of AHA/ASA news event. Information may not be released before the scheduled presentation time. Written embargoed information cannot be shared with anyone but one-on-one embargoed media interviews can be conducted as long as the reporter agrees to abide by the embargo policy.
General Information

AHA Research Funding Opportunities
The Henrietta B. and Frederick H. Bugher Foundation has joined with the American Stroke Association (ASA, a division of the American Heart Association) to support a new network of three stroke research centers for a period of four years. The intent of this initiative is to support a collaboration of basic, clinical and population researchers from different specialties whose collective efforts will lead to new approaches, not only to improve the prevention of stroke, but to also expand upon the previous Bugher Stroke initiatives by inviting research on recovery after a stroke; including the areas of repair, regeneration, neuro-plasticity and rehabilitation.

The Request for Applications was made available online beginning December 2012, with Letters of Intent due April 1, 2013 and full Applications due June 1, 2013. For more information about our funding opportunities and upcoming application deadlines, please visit our website at my.americanheart.org and search for Research Funding.

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

Location: Booth 430 (in the Science and Technology Hall – Hall II)
Hours: Wednesday and Thursday, 9:00 am – 3:00 pm

American Stroke Association – Join Together To End Stroke
The American Stroke Association thanks you for all that you do every day to advance stroke research and treatment. With the generous support of Covidien, we are launching the Together to End Stroke™ Initiative to inform Americans that stroke is largely preventable, treatable and beatable. We need your help spreading this message to your patients and networks. Visit the ASA HeadQuarters booth (Hall II, Booth 430) or go to strokeassociation.org/together to learn more. Let's work Together to End Stroke.

Badges
Name badges must be worn at all times in the Hawaii Convention Center. A $20 fee will be charged for badge reprint or replacement. Photo ID is required.
Your badge holds your contact information and can be used to request information from exhibitors and to access the Communication Center.

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

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

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

You are strongly encouraged to claim your CME/CE credit within 30 days of the conference.
For assistance please contact our National Support Center at 1-888-242-2453 or e-mail learn@heart.org.

International attendees may obtain an attendance verification form at one of the self-service terminals in Registration, located in Hall II, Level 1.

**Conference Bags**
A complimentary conference bag will be available to registered attendees of the International Stroke Conference, Nursing Symposium and the Pre-Conference Symposium at Registration, located in Hall II, Level 1, of the Hawaii Convention Center. Supplies are limited and are based on a first come, first served availability.

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

**Exhibits/Science and Technology Hall**
On Wednesday and Thursday, visit the Science and Technology Hall in Hall II, where cerebrovascular products and services will be featured. Complimentary WiFi will be located at various hotspots throughout the Science and Technology Hall.

**Exhibit hours:**
- **Wednesday:** 9:00 am – 3:00 pm
- **Thursday:** 9:00 am – 3:00 pm

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

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

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

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

**Hotel Questions**
A Housing Desk is located in Hall II, Level 1 of the Hawaii Convention Center and will be open during regular registration hours.

**International Attendees**
International attendees may obtain an attendance verification form at one of the self-service terminals in Registration, located in Hall II, Level 1 of the Hawaii 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 on Level 3, next to Room 319. An AED is available. Please report emergencies to the nearest security guard or the Show Office, Room 325 AB on Level 3.

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

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.

Core Collection 2013 on CD-ROM – All AHA/ASA scientific statements and practice guidelines are included on this complimentary, customizable CD-ROM. A limited number of these CDs are available at the American Stroke Association’s HeadQuarters Booth 430.

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

Mobile Meeting Guide – Use the ASA mobile meeting guide for on-the-go access to meeting information with your handheld device or smart phone. Available at strokeconference.org/mobile. Helpful staff is available at the Communication Center, located in the Main Lobby, 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.

Stroke News – Visit strokeconference.org/sciencenews for official AHA/ASA news coverage of the science presented at the 2013 meeting including: exclusive video interviews, presentation slides and audio, summary slides, news releases, and more.

Wireless Internet – Complimentary WiFi will be located at various hot spots throughout the Science and Technology Hall, Member Circle (Booth 430), and FAHA Lounge (Room 301A).

News Media
From Feb 6 - 8, for media interviews, news conferences or inquiries about news releases, contact News Media Headquarters, Room 317 AB, Level 3.

No Smoking Policy
American Heart Association/American Stroke Association policy prohibits smoking in convention center meeting rooms, the Poster Hall and the Science and Technology Hall. We appreciate your cooperation.
Photography and Audio/Video Recording
Unauthorized recording of the American Heart Association Scientific Sessions, scientific conferences and the American Heart Association/American Stroke Association International Stroke Conference is prohibited, whether by video, still or digital photography, audio, or any other recording or reproduction mechanism. This includes recording of presentations and supporting audiovisual materials and of poster presentations and supporting poster materials. The American Heart Association/American Stroke Association reserves the rights to all recordings or reproductions of presentations at AHA/ASA scientific conferences and meetings.

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 Americans. It unites people to help make an impact on the high incidence of stroke within their communities.

Power To End Stroke is working! Participants are seeing a health impact. They are living healthier lives, being more active, eating better, and seeing physical results. For example, a recent survey showed that:

- 55% Modified their diet to eat more heart healthy food
- 52% Increased amount of physical exercise
- 54% Had blood pressure checked
- 45% Had cholesterol checked
- 37% Encouraged someone else to talk to their doctor about stroke

By joining forces with Power To End Stroke and the AHA, you can help us make an even bigger impact. Visit the HeadQuarters Booth (Hall II, Booth 430) or to learn more, visit www.powertoendstroke.org

Registration
On-site Registration Hours – On-site registration will take place in Hall II, Level 1, of the Hawaii Convention Center during the days and hours listed below:

<table>
<thead>
<tr>
<th>Day</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Tuesday, Feb 5</td>
<td>6:00 am – 4:30 pm</td>
</tr>
<tr>
<td>Wednesday, Feb 6</td>
<td>5:30 am – 4:30 pm</td>
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<tr>
<td>Thursday, Feb 7</td>
<td>5:30 am – 4:30 pm</td>
</tr>
<tr>
<td>Friday, Feb 8</td>
<td>6:00 am – 12:00 pm</td>
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</tbody>
</table>

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 16, 2013, midnight EST will be processed, less a $50 administrative fee. No refunds will be issued until 7 – 15 days post-event. No refunds will be made after Jan 16, 2013. 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 Hawaii Visitor’s Information Booth in the Main Lobby, Level 1, for information and reservations at the many fine restaurants in Oahu 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.

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

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

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

- Tuesday, Feb 5: 5:30 am - 4:00 pm
- Wednesday, Feb 6: 5:00 am - 4:00 pm
- Thursday, Feb 7: 5:00 am - 4:00 pm
- Friday, Feb 8: 5:30 am - 11:30 am

Stroke OnDemand™
Miss a session? Experience every session just as if you had been in the room by purchasing Stroke OnDemand™ Premium, a comprehensive digital video library of all of the meeting’s sessions. Online access allows you to view content anytime, anywhere – often within 24 hours of the original sessions. Purchase at the Stroke OnDemand™ booth in the Main Lobby, Level 1.

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

Transportation
Ground Transportation
There are a number of ways to get to and from Honolulu International Airport. The airport is located 10 miles from Waikiki, and six miles from downtown Honolulu. HNL is accessible by car, taxi, bus, and shuttle. The H-1 Interstate Freeway has both eastbound and westbound exits that bring you directly to the airport.

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

National Car Rental: (877) 222-9058
Reference contract ID #XZ09D02

Enterprise: (800) 261-7331
Reference contract ID #XZ09D02

Parking at the Hawaii Convention Center
Ample parking is available at the Convention Center for a fee of $10. The $10 flat rate fee gives each vehicle one entry/exit. You may purchase an event pass onsite for $35 cash, valid for the duration of ISC 2013, with unlimited in/out privileges. No overnight parking is allowed.
Shuttle Service to the Hawaii Convention Center
Complimentary shuttle service is provided between the hotels listed below and the Hawaii Convention Center. If you have questions about the shuttle or if you need to make a reservation for a wheelchair-accessible vehicle, please see the supervisor at the Hawaii Convention Center (HCC) or call Kushner & Associates at (310) 274-8819, ext. 211.

Hotels and Boarding Locations
- Aqua Palms & Spa   Board at the Hilton Hawaiian Village
- Hilton Hawaiian Village   Board at Tapa Tower Bus Depot

Shuttle Schedule
**Tuesday, February 5**
- Shuttle from hotels to HCC: 6:00 am – 9:00 am* Every 15-20 minutes
- NO SHUTTLE: 9:00 am – 2:00 pm  NO SHUTTLE
- Shuttle from HCC to hotels: 2:00 pm – 5:00 pm** Every 15-20 minutes

**Wednesday, February 6 and Thursday, February 7**
- Shuttle from hotels to HCC: 5:00 am – 9:00 am* Every 10-15 minutes
- NO SHUTTLE: 9:00 am – 3:00 pm  NO SHUTTLE
- Shuttle from HCC to hotels: 3:00 pm – 6:00 pm** Every 10-15 minutes

**Friday, February 8**
- Shuttle from hotels to HCC: 6:00 am – 10:00 am* Every 10-15 minutes
- Shuttle from HCC to hotels: 10:00 am – 12:00 pm** Every 10-15 minutes

* Time last shuttle departs hotels coming to the HCC.
** Time last shuttle departs HCC returning to hotels. Last shuttle departs hotels coming to HCC approximately 45 minutes prior to this time.

The following hotels are located within walking distance of the Hawaii Convention Center and therefore shuttle service is not provided:
- Ala Moana Hotel
- Doubletree Alana Waikiki
- Hawaii Prince Hotel Waikiki

Twitter
Use Twitter to tweet your questions/comments during the meeting or just talk about what is happening at ISC 2013. Use hashtag: #ISC13.
Venue

Honolulu, Hawaii – Oahu Island

Oahu Island is truly all of Hawaii on one island. Rich in Hawaiian culture and history, Oahu also has Hawaii's most variety of resort areas and features the electrifying city of Honolulu with cosmopolitan shopping, multi-ethnic cuisine and exciting entertainment. On the other side of Oahu is a stunning tropical island with breathtaking natural beauty, great year round weather, and an abundance of recreational activities on land, in the ocean, and by air. Partake in one of the many outdoor activities, explore the vivid Hawaiian culture, discover the magnificent natural beauty, or just enjoy one of the exquisite beaches. At night, you can dine on Hawaii Regional Cuisine, step into a jazz bar, or dance at one of the stylish nightclubs. Oahu – the Heart of Hawaii and the island paradise you've been searching for.

Web Resources

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

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

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

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 to 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.

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 Symposium and the Nursing Symposium.

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

Wednesday, Feb 6, 2013, 11:10 am – 12:30 pm, Room 311
Nursing and Rehabilitation Professionals Luncheon

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.

11:10  Introduction, Announcements and Overview
Janet Prvu Bettger, ScD, FAHA, Durham, NC

11:25  “Sensing” Physical Activity from Acute Stroke to Community Living
Sandra Billinger, PT, PhD, FAHA, Kansas City, KS

11:40  Implementation of the Stroke Nurse Navigator Role
Wende Fedder, RN, MBA, FAHA, Arlington Heights, IL

11:55  Words Matter: Keeping Up with Documentation Requirements
Clarranne P Mathiesen, MSN, BSN, RN, CNRN, Stroudsburg, PA

12:10  Panel Discussion
Elaine T Miller, DNS, RN, CRRN, FAHA, FAAN, Cincinnati, OH

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

We would like to thank Janet Prvu Bettger and the Nursing and Rehabilitation Professions Committee for their time and effort in planning this luncheon.

Wednesday, Feb 6, 2013, 11:10 am – 12:30 pm, Room 313 A
Fellow and Early Career Luncheon: Finding and Walking the Various Career Paths in Stroke: Stories of Younger Faculty

Moderator:  Scott E Kasner, MD, MS, FAHA, Philadelphia, PA

11:10  The Clinical Research Path
Pooja Khatri, MD, FAHA, Cincinnati, OH

11:30  The Laboratory Research Path
Sean I Savitz, MD, FAHA, Houston, TX

11:50  The Neurointerventional Path
Raul G Nogueira, MD, Atlanta, GA

12:10  Discussion

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

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

Wednesday, Feb 6, 2013, 5:15 pm, Room 313 A
Stroke Council Annual Business Meeting

This event will include brief presentations by Ed Jauch, Council Chair; Steven Greenberg, Program Chair and Hank Wasiak, ASA Advisory Chair. Appetizers will be served. All AHA/ASA Stroke Council members are invited to attend.
Fellow and Early Career/Stroke Leader Roundtable Luncheon

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

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

Facilitator: Scott E Kasner, MD, MS, FAHA, Philadelphia, PA

Table Moderators/Leaders:
- Sepideh Amin-Hanjani, MD, FAANS, FACS, FAHA, Chicago, IL
  Neurosurgery
- William Barsan, MD, FACEP, FAHA, Ann Arbor, MI
  Emergency Medicine; Clinical Trials
- Sandra Billinger, PT, PhD, FAHA, Kansas City, KS
  Rehabilitation
- Natan Bornstein, MD, FAHA, Tel Aviv, Israel
  Clinical Trials; Clinical Research and Career Development
- Steven Cramer, MD, Orange, CA
  Rehabilitation and Recovery
- Bart Demaerschalk, MD, MSc, FRCP, Phoenix, AZ
  Telestroke
- Anthony J Furlan, MD, Cleveland, OH
  Clinical Trials; Clinical Research and Career Development
- S Claiborne Johnston, MD, FAHA, San Francisco, CA
  Clinical Trials; Clinical Research and Career Development
- Tudor Jovin, MD, Pittsburgh, PA
  Interventional Neurology
- Walter Koroshetz, MD, FAAN, Bethesda, MD
  Neurobiology; Acute Stroke and Intensive Care Management of Stroke; Neuroimaging in Stroke
- David Liebeskind, MD, FAHA, Los Angeles, CA
  Acute Stroke and Imaging
- Eng Lo, PhD, FAHA, Charlestown, MA
  Basic Science
- Helmi Lutsep, MD, FAHA, Portland, OR
  Acute Stroke and Clinical Trials
- Adnan Qureshi, MD, FAHA, Minneapolis, MN
  Interventional Neurology
- Karen Rapp, RN, BSN, CCRC, La Jolla, CA
  Nursing
- Lauren Sansing, MD, MSTR, Farmington, CT
  Translational Research
- Gene Sung, MD, MPH, Los Angeles, CA
  Neurocritical Care
- Amytis Towfighi, MD, Los Angeles, CA
  Stroke Epidemiology

We would like to thank Dr Scott E Kasner for his time and effort in planning these Early Career Luncheons.
The International Stroke Conference 2013 is pleased to offer several awards for investigators in stroke-related research. Selected awardees will present and be acknowledged at the International Stroke Conference.

**William M Feinberg Award for Excellence in Clinical Stroke**
The International Stroke Conference 2013 Program Committee accepted nominations for the 2013 William M Feinberg Award for Excellence in Clinical Stroke. This award recognizes significant contributions to the investigation and management of clinical research in stroke.

Wednesday, Feb 6, 2013, 10:35 am, Hall III
**William M Feinberg Award for Excellence in Clinical Stroke:**
**Treatment of Atherosclerosis: Learning from the Past and Planning for the Future**
Marc I Chimowitz, MD, FAHA, Charleston, SC

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

Wednesday, Feb 6, 2013, 10:19 am, Hall III
**Robert G Siekert New Investigator Award in Stroke:**
**GAMES (Glyburide Advantage in Malignant Edema and Stroke) Pilot Study**
Kevin N Sheth, MD, Baltimore, MD

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

Thursday, Feb 7, 2013, 9:32 am, Hall III
**Mordecai Y T Globus New Investigator Award in Stroke:**
**Estrogen Protects against Aneurysmal Rupture Through Estrogen Receptor-beta in Ovariectomized Mice**
Yoshiteru Tada, MD, San Francisco, CA

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

Thursday, Feb 7, 2013, 9:46 am, Hall III
**Stroke Care in Emergency Medicine Award:**
**The Probability Of Ischemic Stroke Therapeutic Targets At Extended Time Windows**
Steven Warach, MD, PhD, Austin, TX
David G Sherman Lecture
This award was established in honor of David G Sherman, MD, a prominent stroke physician and an internationally recognized leader and researcher in stroke prevention and treatment. The award recognizes lifetime contributions to the investigation, management, mentorship and community service in the stroke field.

Thursday, Feb 7, 2013, 10:40 am, Hall III
David G Sherman Lecture:
Towards a Stroke Free Childhood in Sickle Cell Anemia
Robert Adams, MD, MS, FAHA, Charleston, SC

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

Friday, Feb 8, 2013, 11:05 am, Hall III
Thomas Willis Lecture:
Causation and Collaboration for Stroke Research
Eng H Lo, PhD, FAHA, Charlestown, MA

NEW at ISC 2013! ISC Junior Investigator Travel Grants
The International Stroke Conference 2013 Travel Grants for Junior Investigators encourage and support the efforts of early career investigators in cerebro-vascular disease research and encourage participation in the International Stroke Conference by providing travel funds to attend the International Stroke Conference 2013, present research in oral or poster format, and engage in discussion with senior investigators.

Application for travel grants for ISC 2014 will take place during the ISC 2014 abstract submission process. You must submit an abstract for ISC 2014 to be eligible to apply for a travel grant.

The International Stroke Conference 2013 Program Committee would like to thank the AHA/ASA's Stroke Council for their generous contribution to the ISC 2013 travel grants.

NOMINATIONS FOR ISC 2014 AWARDS

Nominations for ISC 2014 Awards
ISC staff will begin accepting nominations for the named ISC awards on Wednesday, February 6, 2013. The deadline to submit nominations for the Feinberg, Sherman and Willis Awards is Wednesday, July 10, 2013. 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 22 – August 13, 2013.

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

During the ISC 2013 poster sessions, there will be both Professor-Led Poster Tours and Regular Poster Sessions. During the Professor-Led Poster Tours, leaders in the stroke field will take groups of conference attendees around 6 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 20 different poster tours to select from during each Poster Tour Session.

To be a part of a Poster Tour, please turn to pg 89 and pg 164 in the Poster Abstracts section of the Final Program and decided which section/category of posters you would like to attend during each of the two Poster Tour Sessions. Five – ten minutes prior to the Poster Tour Session start time, simply go to the correspondingly numbered “Section” sign for that section/category of posters.

During the Regular Poster Sessions, poster presenters will stand by their poster for individual Q&A time with attendees; they will not give a formal presentation. These posters are separate and not a part of the Professor-Led Poster Tours. To see the posters in the Regular Poster Session, please turn to pg 107 and pg 181 in the Poster Abstracts section of the Final Program.

A map of the Poster Hall is available at the front of the Poster Abstracts Section; it will highlight the Professor-Led Poster Tour sections and the Regular Poster sections.

Posters will be available for viewing in the Poster Hall (Hall I, Level 1) from 7:30 am – 5:15 pm on Wednesday, Feb 6 and Thursday, Feb 7. The speaker-attended poster sessions will take place at the following times:

**Wednesday, Feb 6**
- Professor-Led Poster Tours: 4:15 pm – 4:45 pm
- Regular Poster Session: 4:45 pm – 5:15 pm

**Thursday, Feb 7**
- Professor-Led Poster Tours: 4:15 pm – 4:45 pm
- Regular Poster Session: 4:45 pm – 5:15 pm

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

Please note that for safety reasons, 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 Final Program and in the Convention Center, you will see black and white boxes called QR codes. Use your smartphone to scan these boxes and you’ll have access to online audio and posters. Follow the directions below to download free software to your smartphone and enjoy this new and exciting feature.

**Download the free app:**

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

Submit Session Ideas
Suggested Session Submitter Opens: Monday, Feb 4, 2013
Suggested Session Submitter Closes: Monday, March 11, 2013

Submit Your Best Science for Consideration for ISC 2014
Presenting your science at ISC offers you many benefits:

- **International Impact**: Media coverage from around the world resulted in more than 1.9 billion media impressions for ISC 2012, so your research has global impact.

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

- **Virtual Reach**: The ISC 2012 daily virtual reach through the AHA/ASA Web site, e-mails, YouTube and Twitter activity reached more than 60,000 people.

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

Submit Abstracts
Submission Opens: Wednesday, May 22, 2013
Submission Closes: Tuesday, Aug 13, 2013

Submit Late-Breaking Science and Ongoing Clinical Trials Abstracts
Submission Opens: Wednesday, Oct 9, 2013
Submission Closes: Wednesday, Nov 6, 2013

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.
Help stroke survivors and caregivers navigate the challenges of recovery and prevent future problems

Stroke Connection® Special Editions cover post-stroke topics with article excerpts from the award-winning Stroke Connection® magazine. Each offers practical information and resources to help stroke patients and their caregivers understand the effects of stroke, how to maximize their recovery and reduce future risk. Titles include:

- Living with Disability After Stroke
- Caring for Stroke Survivors
- Changes in Behavior & Emotions After Stroke
- Communication Challenges After Stroke

New! Stroke Connection® Special Editions Discharge Pack

The Stroke Connection® Special Editions Discharge Pack includes one of each title listed above and an encouraging letter from the American Heart Association/American Stroke Association — conveniently packaged in sets of 10 for easy distribution.

Visit us at Booth #430 to view sample products.
Learn more and order from our publisher Krames StayWell at kramesstore.com/StrokeConnection or call 800-333-3032.
PROFESSIONAL MEMBERSHIP
my.americanheart.org/membership

How do you GET MORE out of your career and the International Stroke Conference?

Whether you are an early career member looking to learn and grow in your specialty, or a FAHA looking to broaden leadership opportunities, there are unique benefits tailored to you.

PROFESSIONAL MEMBERSHIP BENEFITS INCLUDE:*  
• Up to $300 in savings on the International Stroke Conference 2014 registration and up to $100* on the State-of-the-Science Stroke Nursing Symposium registration — plus registration savings at AHA's other scientific conferences.
• Complimentary access to Stroke OnDemand®.**
• Benefits that extend beyond science so you can contribute to the AHA's mission of building healthier lives, free of cardiovascular diseases and stroke.
• Unprecedented access to research and clinical information across multiple specialties.
• Be a part of our AHA Professional Online Network — connect with peers and leaders in your specialty.

my.americanheart.org/membership.

Visit our staff at HeadQuarters Booth 430 to learn more about the benefits of professional membership and join our network of more than 30,000 members today.

Join or renew on site to receive a free gift!***

*Benefits depend on membership tier.  
**Does not apply to general members.  
*** While supplies last.
Experience the 2013 Scientific Sessions

Attend the accredited Scientific Sessions conferences of the American Heart Association and American Stroke Association, and expand your knowledge of your specialty. Learn from cardiovascular science and stroke experts who will share emerging scientific research and clinical applications. And meet colleagues from around the world in your field of interest.

Epidemiology and Prevention & Nutrition, Physical Activity and Metabolism 2013 Scientific Sessions
March 19–22, 2013
New Orleans Marriott, New Orleans, LA

Arteriosclerosis, Thrombosis and Vascular Biology 2013 Scientific Sessions
May 1–3, 2013
The Dolphin, Orlando, FL

Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke 2013 Scientific Sessions
May 15–17, 2013
Hilton Baltimore, Baltimore, MD

Basic Cardiovascular Sciences 2013 Scientific Sessions
July 22–25, 2013
Paris Las Vegas, Las Vegas, NV

Ten-Day Seminar on the Epidemiology & Prevention of Cardiovascular Disease
July 28–Aug. 9, 2013
Granlibakken Conference Center and Lodge, Tahoe City, CA

High Blood Pressure Research 2013 Scientific Sessions
Sept. 11–14, 2013
New Orleans Marriott, New Orleans, LA

Scientific Sessions
Nov. 16–20, 2013
Resuscitation Science Symposium
Nov. 16–17, 2013
Cardiovascular Nursing Clinical Symposium
Nov. 19–20, 2013
Dallas Convention Center, Dallas, TX

Scan for more conference details.

my.americanheart.org/sessions

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Tuesday, Feb 5, 2013
Hawaii Convention Center
Honolulu, Hawaii

The American Heart Association/American Stroke Association is grateful to the members of the 2013 State-of-the-Science Stroke Nursing Symposium Program Committee for their dedication and leadership provided throughout the year planning the program.

Program Committee
Terrie Black, MBA, BSN, RN, BC, CRRN, Chair
Jennifer Cohn, MSN, CNRN, Vice Chair
Mary Kay Bader, RN, CCNS, FAHA (AANN Liaison)
Tamilyn Bakas, PhD, RN, FAHA, FAAN (ISC Program Committee Liaison)
Theresa Green, RN, PhD
Millie Hepburn-Smith, MSN, ACNS-BC
Barbara Lutz, PhD, RN, CRRN, FAHA
Linda Pierce, PhD, RN, CNS, CRRN, FAHA, FAAN
Sue Pugh, RN, MSN, CRRN, CNRN
Karen Saban, PhD, RN, APRN, CNRN
Karen Seagraves, MS, MPH, ACNS-BC, ANP-BC
Debbie Summers, RN, MSN, FAHA, ARNP

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

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

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

Nursing Symposium 2013 Learning Objectives
At the conclusion of the State-of-the-Science Stroke Nursing Symposium, participants should be able to:

• Describe evidence-based practices for stroke management and opportunities to better collect and manage outcomes.
• Discuss the mechanism of action, clinical trials, risks and benefits, and appropriate patient selection for recently approved anticoagulants available for stroke prevention and management.
• Implement existing and new requirements for certification as either a primary stroke center or a comprehensive stroke center, with a specific focus on the role of the advanced practice nurse.
• Define elements common to institutions that have successfully reduced their DTN time to less than 60 minutes and opportunities to integrate such approaches into their own institutions.
• Manage evidence-based approaches for stroke and identify opportunities to improve such efforts within their own centers.
• Illustrate opportunities to provide additional support and education for the caregivers of stroke patients, particularly men.
Continuing Education Accreditation – Nurses
The American Heart Association is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center’s Commission on Accreditation.

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

TUESDAY, FEBRUARY 5
For the most current program information and speakers, please go to strokeconference.org, online Program Planner.

7:00 am – 10:45 am
Plenary Session
Kalakaua Ballroom AB
Moderators: Terrie Black, MBA, BSN, RN, BC, CRRN, Williamsville, NY
Jennifer Cohn, MSN, CNRN, Indianapolis, IN
7:00 Opening Remarks
Mariann Piano, RN, PhD, FAHA, Chicago, IL
7:05 Program Announcements
Sue Pugh, RN, MSN, CRRN, CNRN, Baltimore, MD
7:10 Stroke Article of the Year Award
Sandy Middleton, RN, PhD, Darlinghurst, Australia
7:20 Evidence-Based Stroke Nursing
Rosemarie King, RN, PhD, FAHA, Chicago, IL
Janice L Hinkle, RN, PhD, CNRN, Washington, DC
Elaine L Miller, DNS, RN, CRRN, FAHA, FAAN, Cincinnati, OH
Patrice M Lindsay, BScN, MEd, PhD Ottawa, ON, Canada

8:50 am – 9:10 am
Short Break

9:10 am – 10:45 am
9:10 Outcome Management: Beyond Process Measures
Jennifer A Smith, FACHE, FACCA, CAAMA, Suffolk, VA
Debbie R Summers, RN, MSN, FAHA, ARNP, Kansas City, MO
Clairanne P Mathiesen, MSN, BSN, RN, CNRN, Stroudsburg, PA
DaiWai Olson, PhD, RN, Durham, NC

10:45 am – 12:00 pm
Lunch – Kalakaua Ballroom C
A boxed lunch will be provided.

12:00 pm – 4:00 pm
Concurrent A – Room 313 BC
Advanced Stroke Concepts: Topics in Clinical Research and Practice
Moderator: Teri Green, RN, PhD, Calgary, AB, Canada
12:00 Coagulation Modifiers: Implications When Cerebral Vessels Clot or Bleed
Mary Kay Bader, MSN, CCRN, FAHA, Rancho Santa Margarita, CA
Gretchen Brophy, PharmD, BCPS, FCCP, FACC, Richmond, VA
1:00 Creating partnerships through the Kansas Initiative for Stroke Survival (KISS)
Janice Sandt, Ctr for Advanced Brain & Neurological Care at The Univ of Kansas Hosp, Kansas City, KS; Sarah E Brown, Via Christi Hosp Wichita, Inc, Wichita, KS; Colleen Lechtenberg, Ctr for Advanced Brain & Neurological Care at The Univ of Kansas Hosp, Kansas City, KS; Cherie Boxberger, American Heart Association, Overland Park, KS

1:15 A Comparison of IV t-PA Administration between Critical Access Hospitals and a Primary Stroke Center
Mary K Brethour, Rebecca Kessler, Dee Landers, Teresa Turner, Carle Hosp, Urbana, IL

1:30 Code Stroke Interventional Radiology: Streamlining Processes for Expedited Patient Identification and Door to Groin Puncture Time
Sherene Schlegel, William Likosky, Chad Gabelein, Stuart Nord, Swedish Medical Ctr, Seattle, WA

1:45 pm – 2:05 pm
Short Break

2:05 Update on the Certification of Comprehensive Stroke Centers
Jean E Range, MS, RN, CPHQ, Oakbrook Terrace, IL
JJ Baumann, RN, MS, CNS, Palo Alto, CA
Joli Vavao, MSN, ACNP, CNRN, Palo Alto, CA

3:05 Effectiveness in Using a Staff Nurse Coach for Clinical Trial Implementation: A Winning Strategy
Karen Yarbrough, Stephanie Tuszyński, Mary Ann Bautista, Bridget Blaber, UMMC, Baltimore, MD

3:20 Pre-diabetes in the Reasons for Geographic and Racial Differences in Stroke Study: A Disregarded Stroke Risk?
Loretta T Lee, Univ of Alabama at Birmingham, Sch of Nursing, Birmingham, AL; Anne W Alexandrov, Univ of Alabama at Birmingham, Comprehensive Stroke Ctr & Sch of Nursing, Birmingham, AL; George Howard, Virginia J Howard, Univ of Alabama at Birmingham, Sch of Public Health, Birmingham, AL

3:35 Family History of Stroke: Invisibility of a Key Stroke Risk Factor among High Risk African Americans
Dawn M Aycock, Georgia State Univ Sch of Nursing, Atlanta, GA; Kenya D Kirkendoll, Kisha C Coleman, Univ of Alabama at Birmingham Sch of Nursing, Birmingham, AL; Karen C Albright, Univ of Alabama at Birmingham, Comprehensive Stroke Ctr and Univ of Alabama at Birmingham Sch of Public Health, Birmingham, AL; Anne W Alexandrov, Univ of Alabama at Birmingham, Comprehensive Stroke Ctr and Univ of Alabama at Birmingham Sch of Nursing, Birmingham, AL

3:50 Discussion

4:00 Adjourn

12:00 pm – 4:00 pm
Concurrent B – Room 316 BC

Essentials of Standard Clinical Practice and Stroke Center Development
Moderator: Sue Pugh, RN, MSN, CRRN, CNRN, Baltimore, MD

12:00 Target Stroke: Saving Millions of Neurons by the Minute
Christy Casper, ANP, Aurora, CO
Alex Graves, MS, Aurora, CO
Marissa L Hudak, BS, Denver, CO
Ethan Cumbler, MD, Aurora, CO

1:00 The Texas Awareness Puppet Experience Leads to Improved Public Awareness of Stroke Symptoms and Response
Sonya M Sharkey, Medical City Dallas Hosp, Dallas, TX
1:15  Colorado’s First Nurse Facilitated Transient Ischemic Attack Clinic: The New Paradigm for Transient Ischemic Attack Treatment
Kryssy Kimminau, Porter Adventist Hosp, Castle Rock, CO; Jim Woodard, Porter Adventist Hosp, Denver, CO

1:30  Symptom Onset to ED Arrival Time Decreases with a Simple Public Education Campaign
Mark Constable, Duke Univ Hosp, Durham, NC; Candace Gentry, Durham Regional Hosp, Durham, NC; Yanfang Zhao, Larry Goldstein, Janet Prvu-Bettger, Duke Univ Hosp, Durham, NC

1:15 pm – 2:05 pm
Short Break

2:05  Integration of Stroke Measures into the EHR
Irene Katzan, MD, MS, FAHA, Cleveland, OH

3:05  Development of a Comprehensive Stroke Center Electronic Medical Records Navigator: Experience in One Academic Stroke Center
Teresa E Bell-Stephens, JJ Baumann, Alison Kerr, Stanford Univ Medical Ctr, Stanford, CA; Connie Taylor, Stanford Hosp and Clinics, Stanford, CA; Nanci Fleck, Laura Heldenbrant, Mary Marcellus, Risha Gidwani, Omar Choudhri, Stephanie Casal, Joli A Vavao, Stanford Univ Medical Ctr, Stanford, CA

3:20  An Integrated Biplane Angiosuite Within the NICU Reduces Time From CT Imaging to Groin Puncture
Brenda A Glenn, Christopher Horn, Grady Memorial Hosp, Atlanta, GA; Chung-Huan Sun, Emory Univ Sch of Med, Atlanta, GA; Raul G Nogueira, Samir R Belagaje, Vishal Patel, Tommy T Thomas, Aaron M Anderson, Michael Frankel, Rishi Gupta, Grady Memorial Hosp, Atlanta, GA

3:35  Inpatient Stroke Code, an Accurate Activation
Katherine Clarkson, Scot Nolan, Scripps Health, La Jolla, CA

3:50  Discussion

4:00  Adjourn

12:00 pm – 4:00 pm
Concurrent C – Room 315
Rehabilitation and Recovery: An Ongoing Process
Moderator: Linda L Pierce, PhD, RN, CNS, CRRN, FAHA, Toledo, OH

12:00  Clinician Driven Assessment and Supportive Interventions for Men in Caregiving Families
Tami Bakas, PhD, RN, FAHA, FAAN, Indianapolis, IN
Stephanie Vaughn, PhD, RN, CRRN, Fullerton, CA
Barbara Lutz, PhD, RN, CRRN, FAHA, Gainesville, FL
Victoria Steiner, Toledo, OH

1:00  YOU CALL – WE CALL Trial: Impact of a Multimodal Support Intervention After a “Mild” Stroke
Annie Rochette, Univ of Montreal AND CRIR, Montreal, QC, Canada; Nicol Korner-Bitskey, McGill Univ AND CRIR, Montreal, QC, Canada; Carole White, Univ of Texas, San Antonio, TX; Gina Bravo, Univ of Sherbrooke, Sherbrooke, QC, Canada; Robert Côté, McGill Univ, Montreal, QC, Canada; Teresa Green, Univ of Calgary, Calgary, AB, Canada; Sylvain Lanthier, Univ of Montreal Hosp Ctr - Notre-Dame Hosp, Montreal, QC, Canada; Sharon Wood-Dauphinee, McGill Univ, Montreal, QC, Canada; You call - We call TRIAL team
1:15  Independent Speech and Language Practice with Aphasia to Face Therapy in the Long Term Post Stroke  
Rebecca Palmer, Univ of Sheffield, Sheffield, United Kingdom; Gail Paterson, Audrey Delaney, Helen Hughes, Sheffield Teaching Hosp, Sheffield, United Kingdom; Pam Enderby, Univ of Sheffield, Sheffield, United Kingdom  

1:30  Behavioral Outcomes in Pediatric Stroke: Emotional Changes and Depression in the Pediatric NIH Stroke Scale Cohort  
Patricia Plumb, Michael M Dowling, Peter Stavinoha, Brian Robertson, Children's Medical Ctr Dallas, Dallas, TX; Linda S Hynan, Univ Texas Southwestern, Dallas, TX; Rachel Bastian, Children's Hosp of Philadelphia, Philadelphia, PA; Lisa Abraham, Schenectady Neurological Consultants PC, Schenectady, NY; Rand Askanal, Hosp for Sick Children, Toronto, ON, Canada; Susan Benedict, Primary Children's Hosp, Salt Lake City, UT; Timothy Bernard, Denver Children's Hosp, Aurora, CO; Lauren Beslow, Children's Hosp of Philadelphia, Philadelphia, PA; Gabrielle deVeber, Hosp for Sick Children, Toronto, ON, Canada; Neil Friedman, Cleveland Clinic, Cleveland, OH; Heather Fullerton, UCSF, San Francisco, CA; Lori Jordan, Johns Hopkins Univ, Baltimore, MD; Li Kan, Schneider Children’s Hosp, New Hyde Park, NY; Adam Kirton, Alberta Children’s Hosp, Calgary, AB, Canada; Catherine Amile-Lefond, Medical Coll of Wisconsin, Milwaukee, WI; Daniel Licht, Children’s Hosp of Philadelphia, Philadelphia, PA; Warren Lo, Nationwide Children’s Hosp, Columbus, OH; Chalmer McClure, Loma Linda Univ, Loma Linda, CA; Steve Pavlakis, Maimonides Infants Child Hosp, Brooklyn, NY; Sabrina E Smith, Children’s Hosp of Philadelphia, Philadelphia, PA; Marilyn Tan, Univ Philippines, Manila, Philippines; Scott Kasner, Univ Pennsylvania, Philadelphia, PA; Abbas F Jawad, Rebecca N Ichord, Children's Hosp of Philadelphia, Philadelphia, PA  

1:45 pm – 2:05 pm  
Short Break  

2:05  Clinical Management of the Stroke Patient in the Acute Rehab Setting  
David N Alexander, MD, FAHA, Los Angeles, CA; Nancy D Ashley, APRN, BC, CEN, CCRN, CNRN, Louisville, KY  

3:05  The Discriminant Validity of the AD8 in Detecting Post-stroke Vascular Cognitive Impairment  
Yanhong Dong, Wan Shin Pang, Bernard P-L Chan, Vijay Kumar Sharma, Narayanaswamy Venketasubramanian, Christopher Chen, Natl Univ Health System, Singapore, Singapore  

3:20  REM Sleep is Moderately Associated With Off-line Skill Learning in Individuals with Chronic Stroke  
Catherine Siengsukon, Alham Al-Sharman, Suzanne Stevens, Univ of Kansas Medical Ctr, Kansas City, KS  

3:35  The Impact of Subtle but Significant Executive Function Deficits in Persons with Very Mild Ischemic Stroke  
M Tracy Morrison, Sister Kenney Rehabilitation Inst, Minneapolis, MN; Gordon M Giles, Samuel Merritt Coll, Oakland, CA; M Carolyn Baum, Washington Univ Sch of Med, St Louis, MO; Jennifer R Ryan, Rothman Res Inst, Univ of Toronto, Toronto, ON, Canada; Helene Polatajko, Univ of Toronto, Toronto, ON, Canada; Alexander W Dromerick, Nati Rehabilitation Hospital, Washington, DC; Dorothy Farrar Edwards, Univ of Wisconsin Madison, Madison, WI  

3:50  Discussion  

4:00  Adjourn
Concurrent D – Room 312
The Power of Collaboration

Moderator: Karen Seagraves, MS, MPH, ACN-BC, ANP-BC, Atlanta, GA

12:00 NIH Stroke Scale: Nurse and Physician Collaboration
James Gebel, MD, Akron, OH
Judith Spilker, BSN, Cincinnati, OH
Katie M Wright, BSN, Canton, OH

1:00 Discussion

1:45 pm – 2:05 pm
Short Break

2:05 Developing a Collaborative Acute Stroke Network
Rishi Gupta, MD, Atlanta, GA
Susan Zimmermann, RN, BSN, CNRN, Marietta, GA
Kerrin Connelly, RN, MSN, MPH, Atlanta, GA
Cheri Kommor, RN, CEN, CFRN, NREMT-P, Griffin, GA

2:45 Discussion

3:05 A Regional Approach to Collaboration
Susan Zimmermann, RN, BSN, CNRN, Marietta, GA
James P Lugtu, RN, Atlanta, GA
Tricia Westbrook, FNP, C MSN, CCRN, CNRN, Gainesville, GA
Debbie Camp, RN, MHA, Atlanta, GA

3:35 Discussion

4:00 Adjourn

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Submission Opens: Wednesday, May 22, 2013
Submission Closes: Tuesday, Aug 13, 2013

Submit Late-Breaking Science and Ongoing Clinical Trials Abstracts for ISC 2014
Submission Opens: Wednesday, Oct 9, 2013
Submission Closes: Wednesday, Nov 6, 2013

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Stroke Council Mission

Our mission is to provide science-based leadership and support to the American Heart Association/American Stroke Association programs to accomplish the goal of reducing death and disability from stroke. The most recent federal statistics show we’re making progress toward this goal, as stroke has fallen from the No. 3 to the No. 4 cause of death in the U.S. However, we still have a long way to go and need your help reducing deaths and disability.

Learn more about the Stroke Council at my.americanheart.org/strokecouncil.

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Primary Care for Stroke Patients: A Surfside View
Tuesday, Feb 5, 2013
Hawaii Convention Center
Honolulu, Hawaii

The American Heart Association/American Stroke Association is grateful to the members of the ISC Pre-Conference Symposium 2013 Program Committee for their dedication and leadership provided throughout the year in planning the program.

Program Committee
Ted Wein, MD, FRCPC, FAHA, Chair
Alan Bell, MD, MCFP
Allen Hixon, MD, MA
Brett Kissela, MD, MS
Melvin Wong, MD
Kyra Becker, MD, FAHA (ISC Program Committee, Vice Chair)
Steven Greenberg, MD, PhD, FAHA (ISC Program Committee, Chair)

Symposium Description
The Pre-Conference Symposium of the International Stroke Conference is designed to provide up-to-date information for healthcare professionals caring for patients with, or at risk for stroke. Each year, this one-day symposium highlights scientific advances in cerebrovascular disease while emphasizing their application in the real world. The symposium informs the audience about issues along the full continuum of stroke care and covers varied topics of interest to healthcare providers working in the emergency department, hospitalist settings, primary care, general neurology, rehabilitation, pharmacies, and other stroke care arenas. This year, the main focus will be for primary care clinicians in stroke prevention, diagnosis, management, and treatment in the outpatient and inpatient settings. Presentations will include the need for rapid assessment, diagnosis, and management of TIA; current guidelines and practice in the management of acute stroke; the appropriate use of warfarin and newer anticoagulants; and post-stroke sequelae. This year, we will also include lunch with the experts where participants can dine and informally discuss cases or ask questions with our faculty.

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

• Distinguish between mimics of stroke and/or TIA.
• Identify how to risk stratify TIA patients in the office.
• Review current guidelines for TIA/stroke investigations and treatments.
• Establish how to incorporate new anticoagulants in the treatment of cardioembolic stroke.
• Discuss how to identify and treat: post stroke depression, establish who can drive, and common post-stroke pain syndromes.
• Describe long term management of the stroke patient.

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AAPA accepts Category I credit from AOACCME, Prescribed credit from AAFP, and AMA PRA Category 1 Credit™ from organizations accredited by ACCME.

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Tuesday, February 5

8:00 am – 3:30 pm

8:00 am – 1:05 pm

Plenary Session – Room 310 (Lili‘u Theater)

Moderators: Theodore Wein, MD, FRCP, FAHA, Montreal, QC, Canada
Allen Hixon, MD, MA, Manoa, Hawaii

8:00 Welcome
Steven M Greenberg, MD, PhD, FAHA, Boston, MA

8:05 Was It Really a TIA? Clues to Diagnosing Stroke and TIA Mimics
Susan L Hickenbottom, MD, MS, FAHA, Ann Arbor, MI

8:40 When to Worry? Risk Assessment of TIA in the Office
S Claiborne Johnston, MD, FAHA, San Francisco, CA

9:05 What Test to Order? Diagnostic Modalities for the Investigation of TIA
Michael Sharma, MD, Ottawa, ON, Canada

9:40 What Are the Guidelines? Management and Treatment of Patients with TIA/Stroke
Gordon Gubitz, MD, FRCP, Halifax, NS, Canada

Cherylee J Chang, MD, Honolulu, HI

11:05 Why Am I Blue? Depression in Stroke: Prevalence, Recognition and Treatment
Linda Williams, MD, Indianapolis, IN

11:40 am – 12:40 pm

Lunch with the Experts: Bring Your Cases and Questions
All Faculty
(A boxed lunch will be provided.)

Moderators: Alan Bell, MD, MCFP, Toronto, ON, Canada
Brett M Kissela, MD, MS, Cincinnati, OH

12:40 Old Agent, New Agent, or No Agent? The Decision to Anticoagulate
Daniel E Singer, MD, Boston, MA

1:05 pm – 1:15 pm

Short Break
1:15 pm – 1:55 pm
Concurrent IA – Room 311
Who Can Receive TPA? A Case Based Approach
Matthew A Koenig, MD, Baltimore, MD

Concurrent IB – Room 313 A
Doctor, Can I Drive?
Nicol Korner-Bitensky, OTR, PhD, DDO, Montreal, QC, Canada

Concurrent IC – Room 310 (Lili’u Theater)
Why Do I Hurt? Post Stroke Pain Syndromes: Diagnosis and Management
Cindy B Ivanhoe, MD, Houston, TX

2:00 pm – 2:45 pm
Concurrent IIA – Room 311
Who Can Receive TPA? A Case Based Approach
Matthew A Koenig, MD, Baltimore, MD

Concurrent IIB – Room 313 A
Doctor, Can I Drive?
Nicol Korner-Bitensky, OTR, PhD, DDO, Montreal, QC, Canada

Concurrent IIC – Room 310 (Lili’u Theater)
Why Do I Hurt? Post Stroke Pain Syndromes: Diagnosis and Management
Cindy B Ivanhoe, MD, Houston, TX

2:45 pm – 3:00 pm
Short Break

3:00 pm – 3:30 pm
Closing Plenary Session – Room 310 (Lili’u Theater)
Moderators: Alan Bell, MD, MCFP, Toronto, ON, Canada
Brett M Kissela, MD, MS, Cincinnati, OH

3:00  Follow-up of the Post Stroke Patient: 11 Questions You Should Always Ask
Theodore Wein, MD, FRCP, FAHA, Montreal, QC, Canada

3:25  Closing Remarks
Kyra Becker, MD, FAHA, Seattle, WA

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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.

Presenting authors for the oral abstracts are in bold in the author block.

WEDNESDAY, FEBRUARY 6

6:00 am – 7:30 am

Session I: Concurrent Symposia A
Assessing Outcome after Subarachnoid Hemorrhage
Room 312

Moderators: Stephan A Mayer, MD, FAHA, New York, NY
Robert Loch Macdonald, MD, PhD, FRCS(C), FAANS, FACS, Toronto, ON, Canada

6:00 Overview of Outcome in SAH: Prognoses, Risk Factors and Limitations of Current Assessment Scales
Gabriel Rinkel, MD, FAHA, Utrecht, Netherlands

6:19 Developing Finer Outcome Measures: What Are Some Tests To Use and What Do They Mean
Tom Schweizer, PhD, Toronto, ON, Canada

6:38 Post-traumatic Stress Disorder after SAH
George KC Wong, MB, ChB, MSc, MD, FRCSI, Hong Kong SAR, Hong Kong

6:57 Developing Surrogate Markers for Outcome: Imaging, Biomarkers and Recent Clinical Trials
Peter Le Roux, MD, FACS, Philadelphia, PA

7:15 Discussion

Session I: Concurrent Symposia B
Inflammatory Biomarker in Risk Prediction for Stroke and Vascular Cognitive Impairment
Kalakaua Ballroom B

Moderators: Graeme J Hankey, MBBS, MD, FRCP, FRACP, Perth, Australia
Masayasu Matsumoto, MD, PhD, Hiroshima, Japan

6:00 Biomarker Candidates Common to Stroke and Dementia
Sudha Seshadri, MBBS, MD, Boston, MA

6:19 Inflammatory Biomarkers for Cardiovascular Events in Healthy Population
Thomas Wang, MD, Boston, MA

6:38 Cerebral Small Vessel Disease and Inflammatory Biomarkers
Kazuo Kitagawa, MD, PhD, Suita, Japan

6:57 Biomarkers for Recurrent Stroke after Minor Stroke and TIA
Glen Jickling, MD, FRCP, Sacramento, CA

7:15 Discussion

Session I: Concurrent Symposia C
Posterior Circulation Stroke
Room 313 BC

Moderators: Bo Norrving, MD, PhD, FESC, Lund, Sweden
Krassen Nedeltchev, MD, Aarau, Switzerland

6:00 Brain Stem Syndromes: Which Ones Are Useful for Clinical Practice?
Jong S Kim, MD, PhD, Seoul, Korea, Republic of

Basic Science  Clinical Science  Diagnosis
Prevention  Rehabilitation  Treatment/Intervention
6:19 Basilar Artery Occlusion: Decision Making on Thrombolytic Therapy or Thrombectomy?
Heinrich P Mattle, MD, Bern, Switzerland

6:38 Malignant Cerebellar Infarction: The Role of Decompressive Surgery
Eric Juettler, MD, MSc, Ulm, Germany

6:57 Posterior Circulation Vasoconstriction Syndrome: Update on Clinical Features, Pathophysiology and Management
Anesh B Singhal, MD, Boston, MA

7:15 Discussion

Session I: Concurrent Symposia D
Timing of Cardiac Valve Replacement in the Setting of Endocarditis and Intracranial Septic Emboli/ Pseudoaneurysms
Room 315
Moderator: Alexander Khalessi, MD, MS, San Diego, CA

6:00 Intracranial Aneurysm and Septic Emboli Risk from TEE Proven Endocarditis: State of the Literature
Thomas Hemmen, MD, PhD, La Jolla, CA

6:19 Perioperative Neurological Complications for Cardiac Valve Replacement in the Setting of Unsecured Intracranial Aneurysms: The Case for Deferred Cardiac Surgery

6:38 Risk of Acute Surgical or Endovascular Management of Intracranial Lesions Secondary to Endocarditis
Mark Bain, MD, Cleveland, OH

6:57 Synthesis: Timing of Cardiac Valve Replacement in the Setting of Intracranial Lesions
Felipe Albuquerque, MD, Phoenix, AZ

7:15 Discussion

Session I: Concurrent E
Outcomes, Quality and Health Services Research Oral Abstracts I
Room 316 BC
Moderators: Cheryl Bushnell, MD, MHSc, FAHA, Winston Salem, NC; Jim Burke, BS, MD, Ann Arbor, MI

6:00 Patient and Hospital Factors Associated with Lack of IV tPA Use among Eligible Patients with Acute Ischemic Stroke: Findings from Get with the Guidelines-Stroke
Pooja Khatri, Univ of Cincinnati Academic Health Ctr, Cincinnati, OH; Mathew J Reeves, Michigan State Univ, East Lansing, OH; Eric E Smith, Univ of Calgary, Calgary, AB, Canada; Jeffrey L Saver, Geffen Sch of Med at UCLA, Los Angeles, CA; Deepak L Ghatt, Harvard Medical Sch, Boston, MA; Maria V Grau-Sepulveda, Eric D Peterson, Duke Univ, Durham, NC; Gregg C Fonarow, UCLA, Los Angeles, CA; Lee H Schwamm, Harvard-MIT, Cambridge, MA

6:12 Thrombolytic Therapy and Survival for Medicare Beneficiaries with Acute Ischemic Stroke
Xin Tong, Quanhe Yang, Mary G George, CDC, Atlanta, GA

6:24 Predictors of In-hospital Death in Patients with Acute Ischemic Stroke Treated with Thrombolytic Therapy: Paul Coverdell Acute Stroke Registry 2008-2011
Xin Tong, Quanhe Yang, Mary G George, CDC, Atlanta, GA

6:36 Variation and Temporal Trends in the Characteristics of US Hospitals Treating Acute Ischemic Stroke Patients with IV-tPA: Findings from GWTG-Stroke
Lee H Schwamm, Syed F Ali, Massachusetts General Hosp, Boston, MA; Mathew J Reeves, Michigan State Univ, East Lansing, MI; Eric E Smith, Univ of Calgary, Calgary, AB, Canada; Jeffrey L Saver, Geffen Sch of
6:48 Management Of Intravenous tPA In Non-ICU Environments: Safety, Clinical Outcome, and Cost Savings
Kisha C Coleman, Univ of Alabama at Birmingham, Comprehensive Stroke Ctr & Sch of Nursing, Birmingham, AL; Paola Palazzo, Campus Bio-Medico Univ, Dept of Neurology, Rome, Italy; Reza Bavarsad Shahrpour, Univ of Alabama at Birmingham, Comprehensive Stroke Ctr, Birmingham, AL; Amy L Brooks, Mary A Cronin, Univ of Alabama at Birmingham, Comprehensive Stroke Ctr & Sch of Nursing, Birmingham, AL; Kara A Sands, Michael J Lyerly, April Sisson, Thomas Houston, Pawan Rawal, Muhammad Alvi, Niren Kapoor, Univ of Alabama at Birmingham, Comprehensive Stroke Ctr, Birmingham, AL; Karen C Albright, Univ of Alabama at Birmingham, Comprehensive Stroke Ctr & Sch of Public Health, Birmingham, AL; Amelia K Boehme, Univ of Alabama at Birmingham, Sch of Public Health, Birmingham, AL; Andrei V Alexandrov, Univ of Alabama at Birmingham, Comprehensive Stroke Ctr, Birmingham, AL; Anne W Alexandrov, Univ of Alabama at Birmingham, Comprehensive Stroke Ctr & Sch of Nursing, Birmingham, AL

7:00 Preventable Readmission Rates among Medicare Beneficiaries with Ischemic Stroke
Judith H Lichtman, Erica Leifheit-Limson, Yun Wang, Yale Sch of Med, New Haven, CT; Larry Goldstein, Dept of Med (Neurology), Duke Stroke Ctr, Duke Univ and Durham VAMC, Durham, NC

7:12 The Impact of Post-Stroke Rehabilitation on 2-year Healthcare Costs in Ontario, Canada: Can Rehabilitation Save Us Money?
Matthew J Meyer, Christina O’Callaghan, Linda Kelloway, Ontario Stroke Network, Toronto, ON, Canada; Ruth Hall, Shudong Li, Jiming Fang, Inst for Clinical Evaluative Sciences, Toronto, ON, Canada; Mark Bayley, Toronto Rehabilitation Inst, Toronto, ON, Canada; Mathew Reeves, Michigan State Univ, East Lansing, MI; Robert Teassell, Lawson Health Res Inst, London, ON, Canada

7:24 Discussion

Session I: Concurrent F Acute Neuroimaging Oral Abstracts I
Kalakaua Ballroom A

Moderators: Christopher J Moran, MD, Saint Louis, MO
Bharathi D Jagadeesan, MD, Minneapolis, MI

6:00 Early MRI in TIA And Minor Stroke: Do it or Lose it
Francois Moreau, Univ de Sherbrooke, Sherbrooke, QC, Canada; Jayesh Modi, Mohamed Almekhlafi, Simer Bal, Mayank Goyal, Michael D Hill, Shelagh B Coutts, Univ of Calgary, Calgary, AB, Canada

6:12 Perfusion-based Selection Leads To Improved Outcomes Compared With Time-based Selection For Endovascular Reperfusion Therapy In Acute Ischemic Stroke
Shyam Prabhakaran, Maryam Sohtankotabi, Richard A Bernstein, Mark J Alberts, Yvonne Curran, Deborah Bergman, Northwestern Univ, Chicago, IL; Vivien H Lee, James J Conners, Rush Univ Medical Ctr, Chicago, IL; Ali Shabani, Michael C Hurley, Sameer Ansari, Northwestern Univ, Chicago, IL

6:24 Perfusion Imaging In Patients Randomised To rt-PA or Control In The Third International Stroke Trial (IST-3): Baseline Characteristics And Association With Outcome
Joanna Wardlaw, Trevor Carpenter, Univ of Edinburgh, Edinburgh, United Kingdom; Rudiger von Kummer, Univ of Dresden, Dresden, Germany; Geoff Cohen, Univ of Edinburgh, Edinburgh, United Kingdom; Richard Lindley, Univ of Sydney, Sydney, Australia; Peter Sanderscock, Univ of Edinburgh, Edinburgh, United Kingdom; on behalf of the IST-3 Collaborative Group
Comparison Of Various Methods Of Assessment Of Intracranial Collaterals On The Pretreatment CT-angiograms To Predict Outcomes In Acute Anterior Circulation Ischemic Stroke

Leonard L Yeo, Benjamin Wakerley, Aftab Ahmad, Prakash Paliwal, Kay Ng, NUHS, Singapore, Singapore; Ong C Chong, JGH, Singapore, Singapore; Jonathan On, Teoh Hock Iuen, Bernard Chan, Raymond Seet, Narayanaswamy Venketsubramanian, Rahul Rathakrishnan, Yohanna Kusuma, Vijay Sharma, NUHS, Singapore, Singapore

6:48 MR-Oxygen Metabolic Index (OMI) is Superior To Diffusion-Perfusion Mismatch For Predicting Tissue Fate in the Ischemic Penumbra


Asymmetry of Deep Medullary Venins in Susceptibility Weighted Imaging is associated with Poor Collaterals in Patients with Acute Ischemic Stroke

Mi-Young Oh, Sang-Bae Ko, Chi Kyung Kim, Seung-Hoon Lee, Wi-Sun Ryu, Chang Hun Kim, Min Jung Kim, Byung-Woo Yoon, seoul national university hospital, Seoul, Korea, Republic of

Predicting Hemorrhagic Transformation in Ischemic Stroke – Very Low Cerebral Blood Volume versus Permeability Analysis

Bruce C Campbell, Søren Christensen, Melbourne Brain Ctr @ RMH, The Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia; Matus Straka, Michael Mlynash, Stanford Stroke Ctr, Stanford Univ, Stanford, CA; Gagan Sharma, Mark W Parsons, Melbourne Brain Ctr @ RMH, The Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia; Geoffrey A Donnan, Florey Inst of Neuroscience and Mental Health, Univ of Melbourne, Parkville, Australia; Stephen M Davis, Melbourne Brain Ctr @ RMH, The Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia; Roland Bammer, Michael P Marks, Maarten G Lansberg, Gregory W Albers, Stanford Stroke Ctr, Stanford Univ, Stanford, CA; on behalf of the DEFUSE 2 Investigators

Discussion

Session I: Concurrent G Emergency Care/Systems Oral Abstracts I Kalakaua Ballroom C

Moderators: Klaus Fassbender, MD, Homburg, Germany Steven R Levine, MD, Brooklyn, NY

EMS In-Field Acute Stroke Severity Screening for Preferential Triage to a Comprehensive Stroke Center in Orlando, Florida

Evan Allen, Florida Hosp Neuroscience Inst, Orlando, FL; Paul Banerjee, Lake Emergency Medical Services, Lake County, FL; Rhonda LovecTheobald, Donald Richards, Florida Hosp Neuroscience Inst, Orlando, FL; Todd Husty, Seminole County EMS, Seminole County, FL; Adrian I Qureshi, Univ Of Minnesota, Minneapolis, MN

EARLY: EMS Prenotification Augments Stroke Code Timepoints But Rigorous Training is Needed for Larger Yield in stroke

Amy K Guzik, Rema Raman, Karin Ernstrom, Dawn M Meyer, Thomas Hemmen, Brett C Meyer, UC San Diego, San Diego, CA

Racial Disparities in Stroke Recognition by Prehospital Providers

Benjamin T Friedman, Univ of California, San Francisco, San Francisco, CA; James Q Delgadillo, Case Western Reserve Univ Sch of Med, Cleveland, OH; Prasanthi Govindarajan, Univ of California, San Francisco, San Francisco, CA
6:36 Improving Door-to-Needle Times with Target Stroke
Ilana M Ruff, Ali Syed, Natalia Rost, Joshua Goldstein, Michael Lev, William Copen, Joyce McIntyre, Lee Schwamm, Massachusetts General Hosp, Boston, MA

6:48 Reducing Time to Intra-Arterial Therapy in Acute Ischemic Stroke
Brijesh P Mehta, Thabele M Leslie-Mazwi, Ronil V Chandra, Donnie L Bell, James D Rabinov, Christopher S Ogilvy, Joshua A Hirsch, Joshua N Goldstein, Natalia S Rost, Lee H Schwamm, Albert J Yoo, Harvard Medical Sch, Boston, MA

7:00 Acute Stroke Care and Thrombolysis at Critical Access Hospitals in Illinois
Shyam Prabhakaran, Northwestern Univ, Chicago, IL; Robin Hamann, American Heart Association, St Louis, MO; Kathleen O’Neill, American Heart Association, Chicago, IL; Michelle Gardner, American Heart Association, Milwaukee, WI; Peggy Jones, Illinois Critical Access Hosp Network, Bloomington, IL

7:12 Should Aphasic Ischemic Stroke Patients Undergo Pre-procedural Intubation prior to Endovascular Treatment?
Ameer E Hassan, Univ of Texas Health Science Ctr - San Antonio, Harlingen, TX; Malik M Adil, Haralabos Zacharatos, Zeenat Qureshi Stroke Ctr, Minneapolis, MN; Saqib A Chaudhry, Michigan State Univ, Lansing, MI; Wondwossen G Tekle, Mikayel Grigoryan, Adnan I Qureshi, Zeenat Qureshi Stroke Ctr, Minneapolis, MN

7:24 Discussion

7:30 am – 7:40 am
Short Break

7:40 am – 9:10 am
Session II: Concurrent Symposia A
Building Definitive Evidence for Acute Endovascular Stroke Therapies
Kalakaua Ballroom B
Moderators: Felipe Albuquerque, MD, Phoenix, AZ
Marc Ribo, MD, PhD, Barcelona, Spain

7:40 Trials of Acute Endovascular Therapies: A Historical and Regulatory Context
Pooja Khatri, MD, FAHA, Cincinnati, OH

7:59 Trials Comparing Devices: SWIFT and TREVO 2
Helmi Lutsep, MD, FAHA, Portland, OR

8:18 Trials Comparing IV with IA Therapy
Wouter J Schoneveld, MD, Utrecht, Netherlands

8:37 Evolving Patient Selection Strategies for Acute Stroke Intervention: It’s About Time, or Have We Gone Too Far?
J Mocco, MD, MS, Nashville, TN

8:55 Discussion

Session II: Concurrent Symposia B
Current Status of Research on Brain AVM: Molecular Studies to Randomized Trials
Room 312
Moderators: Robert D Brown, MD, MPH, Rochester, MN
Issam A Awad, MD, MSc, FACS, MA (hon), Chicago, IL

7:40 Aberrant Angiogenic Signaling and Animal Modeling Studies
William L Young, MD, San Francisco, CA

7:59 Human Genetic Studies
Murat Gunel, MD, FACS, New Haven, CT
8:18 Blood Flow and ANMs: What Can Flow Measurements Tell Us?  
Sepideh Amin-Hanjani, MD, FAANS, FACS, FAHA, Chicago, IL

8:37 Randomized Trials  
Christian Stapf, MD, Paris, France

8:55 Discussion

Session II: Concurrent Symposia C  
Overcoming Challenges in Advancing Understanding of Cerebral Small Vessel Disease – an International Effort  
Room 313 BC

Moderators: Vladimir Hachinski, MD, FRCPC, DSc, London, ON, Canada  
Anand Viswanathan, MD, PhD, Boston, MA

7:40 Why Do We Need Standards for Imaging of SVD – Setting the Scene  
Martin Dichgans, MD, Munich, Germany

7:59 How Can We Harmonise the Language Use in the Field?  
Joanna Wardlaw, MD, Edinburgh, United Kingdom

8:18 Can We Recommend a Core Image Acquisition Protocol  
Eric Smith, MD, Calgary, AB, Canada

8:37 Can We Recommend Standards for Quantification of SVD on Imaging?  
Hugues Chabriat, MD, PhD, Paris, France

8:55 Discussion

Session II: Concurrent D  
Nursing Oral Abstracts  
Room 316 BC

Moderators: Pamela H Mitchell, RN, PhD, FAHA, FAAN, Seattle, WA  
Jennifer Kleindinst, PhD, Baltimore, MD

7:40 Accuracy of Perceived Stroke Risk among Young to Middle-Aged Rural African Americans  
Dawn M Aycock, Patricia C Clark, GEORGIA STATE UNIVERSITY  
Sch of Nursing, Atlanta, GA

7:52 African American Women Delay in Stroke Treatment Seeking  
Elaine T Miller, Adelaide Harris, Univ of Cincinnati, Cincinnati, OH

8:04 Implementing Target Stroke Best Practice Time Sensitivity Guidelines Improves Door To Needle Time (DTN)  
Susan Zimmermann, Wellstar Kennestone Hosp, Marietta, GA;  
Deborah Camp, Atlanta Medical Ctr, Atlanta, GA; Jessica Barker,  
Memorial Health Univ Medical Ctr, Savannah, GA; Amy Perez, Grady  
Health System, Atlanta, GA; Jaimee Rogers-Lege, The Medical Ctr,  
Columbus, GA; James Lugtu, Coverdell Stroke Registry, Atlanta, GA;  
Katja Bryant, Emory Univ Hosp, Atlanta, GA; Kim Anda, Southern  
Regional Medical Ctr, Riverdale, GA; Joseph T Hormes, Resident  
Medical Advisor, Atlanta, GA; Jeremy Mills, Medical Ctr of Central  
Georgia, Macon, GA; Misty Burkhalter, Redmond Regional Medical Ctr,  
Rome, GA; Nojan Valadi, Corrina Johnson, The Medical Ctr, Columbus, GA

8:16 Caregiver Task Difficulty, Task Time, Optimism, Threat, Depressive Symptoms, and Life Changes Comprise Four Latent Classes of Stroke Caregivers  
Michael T Weaver, Susan M McLennon, Nenette M Jessup,  
Tamilyn Bakas, Indiana Univ Sch of Nursing, Indianapolis, IN

8:28 Thirty Day And Six Month All-cause Mortality After Stroke In Patients With And Without Dysphagia Screening  
Thomas M Hemmen, Rema Raman, Karin Ernstrom, Debra Paulson,  
Valerie Lake, Andrea G Snyder, Eema Hemmen, UCSD Medical  
Center, San Diego, CA
8:40  Caregiver Task Difficulty and Life Changes among Stroke Family Caregivers: Comparing Caregivers with no Depressive Symptoms to those with Mild or Greater Depressive Symptoms  
Susan M McLennon, Tamilyn Bakas, Nenette M Jessup, Michael T Weaver, Indiana Univ Sch of Nursing, Indianapolis, IN

8:52  Effects of Self-Esteem, Optimism, and Perceived Control on Depression: Testing Dyadic Dynamics in Stroke Survivor-Spouse Dyads  
Misook L Chung, University Of Kentucky, Lexington, KY; Tamilyn Bakas, Indiana Univ, Indianapolis, IN; Laurie D Plue, Richard LRoudebusch VAMC, Indianapolis, IN; Linda S Williams, Indiana Univ, Indianapolis, IN

9:04  Discussion

Session II:
Concurrent E 
Diagnosis Oral Abstracts
Kalakaua Ballroom A

Moderators: Joan Montaner, MD, PhD, Barcelona, Spain
Steven R Messe, MD, Philadelphia, PA

7:40  A New Biomarker for Diagnosis of Ischemic Stroke: Plasma Glycogen Phosphorylase-BB  
Ross Avery, Juan Alfredo Caceres, Kwang Yeol Park, Svetlana Lorenzano, Octavio Pontes Neto, Matthew Siket, Ilknur Ay, Ferdinando S Buonanno, Massachusetts General Hosp, Boston, MA; Ram Bhat, MRL Millenium Res Labs, Woburn, MA; Ernest Kapetanovic, Samir Vastas, Diagenics SE, Luxemburg, Germany; Karen L Furie, Hakan Ay, Massachusetts General Hosp, Boston, MA

7:52  Is NR2 Peptide Promising Biomarker for Acute Cerebrovascular Events?  
Svetlana A Dambinova, Kennesaw State Univ, Kennesaw, GA

8:04  The Development and Validation of a Biochemical Biomarker Panel to Detect Acute Stroke: A Preliminary Study  
Richa Sharma, Duke Univ Sch of Med, Durham, NC; Stephanie Macy, Kara Richardson, Duke Univ Medical Ctr, Dept of Med(Neurology), Durham, NC; Yulya Lokhnygina, Duke Translational Med Inst, Durham, NC; Daniel Laskowitz, Duke Univ Sch of Med, Durham, NC

8:16  N-terminal Probrain Natriuretic Peptide Shows Diagnostic Accuracy for Atrial Fibrillation  
Ana Catarina Fonseca, Joaquim Sampaio Matias, Teresa Pinho e Melo, Ruth Geraldès, Patricia Canhão, Dulce Brito, Hosp de Santa Maria, Lisboa, Portugal; Louis R Caplan, Beth Israel Deaconess Medical Ctr, Boston, MA; José M Ferro, Hosp de Santa Maria, Lisboa, Portugal

8:28  PFO in Cryptogenic Stroke: An Analysis of “High Risk” Features on Transesophageal Echocardiography in the Risk of Paradoxical Embolism Database  
Benjamin Wessler, David E Thaler, Tufts Medical Ctr, Boston, MA; Marco R Di Tullio, Columbia Univ, NYC, NY; Robin Ruthazer, Tufts Medical Ctr, Boston, MA; Christian Weimar, Univ of Duisburg-Essen, Essen, Germany; Jean-Louis Mas, Hôpital Sainte-Anne, Paris-Descartes Univ, Paris, France; Joaquim Serena, Hosp Univiri Doctor Josep Trueta Inst d’Investigació Biomèdica de Girona, Girona, Spain; Emanuele Di Angelantonio, Cambridge Univ, Cambridge, United Kingdom; Jennifer S Donovan, Tufts Medical Ctr, Boston, MA; Mitchell S Elkind, Columbia Univ, NYC, NY; John Griffith, Tufts Medical Ctr, Boston, MA; Cheryl Jaigobin, Univ of Toronto, Toronto, ON, Canada; Heinrich P Mattle, Inselspital, Univ of Bern, Bern, Switzerland; Patrik Michel, Ctr Hospier Univire de Lausanne, Lausanne, Switzerland; Marie-Louise Mono, Inselspital, Univ of Bern, Bern, Switzerland; Krassen Nedeltchev, Triemli Municipal Hosp, Zurich, Switzerland; Federica Papetti, “Sapienza” Univ of Rome, Rome, Italy; David M Kent, Tufts Medical Ctr, Boston, MA
8:40 Improvement In Etiological Identification In TIA And Minor Stroke Using The Causative Classification Of Stroke
Jamsheed A Desai, Ahmad Abuzinadah, Oje Imoukhuede, Jayesh Modi, Manya L Bernbaum, Shelagh B Coutts, Univ of Calgary, Calgary, AB, Canada

8:52 Early Diffusion Weighted Imaging and Perfusion Weighted Imaging Lesion Volumes Forecast Final Infarct Size in DEFUSE 2
Hayley M Wheeler, Michael Mlynash, Manabu Inoue, Aaryani Tipirneni, John Liggins, Greg Zaharchuk, Matus Straka, Stephanie Kemp, Roland Bammer, Maarten G Lansberg, Gregory W Albers, Stanford Univ, Stanford, CA; The DEFUSE 2 Investigators

9:04 Discussion

Session II: Concurrent F Experimental Mechanisms and Models Oral Abstracts I Room 315

Moderators: Costantino Iadecola, MD, New York, NY Roland Veltkamp, MD, Heidelberg, Germany

7:40 Elevated Expression of Dual Oxidases (Duox) Under Ischemic Conditions Contributes to Oxidative Stress and Decreased Cell Viability
Umadevi V Wesley, Karthik Ashokan, Raghu Vermuganti, Solomon Ondoma, Robert J Dempsey, Univ of Wisconsin, Madison, WI

7:52 Inducible Nitric Oxide Synthase In Infiltrating Neutrophils Mediates Neurotoxicity After Ischemic Brain Injury In Mice
Lidia Garcia-Bonilla, Josef Anrather, Jamie Moore, Gianfranco Racchumi, Costantino Iadecola, Weill Cornell Medical Coll, New York, NY

8:04 Reactive Oxygen Species Contribute To Aneurysmal Rupture in Mice
Kenji Shimada, Univ of California, San Francisco, San Francisco, CA; Yoshiteru Tada, Dept of Neurosurgery, Inst of Health Biosciences, The Univ of Tokushima Graduate Sch, Tokushima, Japan; Kosuke Wada, Mari Kudo, Shoko Murakami, Hiroshi Makino, Elena I Liang, Univ of California, San Francisco, San Francisco, CA; Keiko T Kitazato, Shinji Nagahiro, Dept of Neurosurgery, Inst of Health Biosciences, The Univ of Tokushima Graduate Sch, Tokushima, Japan; Tomoki Hashimoto, Univ of California, San Francisco, San Francisco, CA

8:16 Adrenal β Arrestin1 Raises Serum Aldosterone Levels And Blood Pressure, Both Significant Stroke Risk Factors, In Experimental Rats And Mice
Anastasios Lymeropoulos, Ashley Bathgate, Norma C Salazar, Nova Southeastern Univ, Ft Lauderdale, FL

8:28 Xenon-Loaded Liposomes in Combination with IV tPA Extends the Time Window for Treatment of Thrombotic Stroke
Tao Peng, Yifeng Miao, George L Britton, Melvin E Klegerman, Susan T Laing, David D McPherson, Shao-Ling Huang, UT Health Science Ctr at Houston, Houston, TX

8:40 Targeting the Neurovascular Bed by Co-delivery of Therapeutics for Synergic Stroke Treatments
Tao Peng, Yi-Feng Miao, George L Britton, Hyunggun Kim, David D McPherson, Shaoling Huang, UT Health Science Ctr at Houston, Houston, TX

8:52 Cerebrovascular Reactivity (CVRx) and Intracranial Pressure Reactivity (PRx) Assessment of Impaired Cerebrovascular Autoregulation in Intracranial Hypertension
Denis E Bragin, Gloria Statom, Edwin M Nemoto, Dept of Neurosurgery UNM, Albuquerque, NM

9:04 Discussion
Session II: Concurrent G
In-Hospital Treatment Oral Abstracts
Kalakaua Ballroom C

Moderators: Bijoy Menon, MBBS, MD, Calgary, AB, Canada
Dariush Dorowlalshahi, MD, PhD, FRCP, Ottawa, ON, Canada

7:40 Predicting Clinical Outcomes After Thrombolysis in Patients with Diabetes in Acute Ischemic Stroke
Davar Nikneshan, Pongmoragot Jitphapa, Stroke Outcomes Res Unit, Div of Neurology, Dept of Med, St Michael’s Hosp, Univ of Toronto, Toronto, ON, Canada; Stavroula Rapitis, Applied Health Res Ctr, Li Ka Shing Knowledge Inst, St Michael's Hosp, Toronto, ON, Canada; Limei Zhou, Inst for Clinical Evaluative Sciences, Toronto, ON, Canada; Gustavo Saposnik, Stroke Outcomes Res Unit, Div of Neurology, Dept of Med, St Michael’s Hosp, Univ of Toronto, Toronto, ON, Canada; Registry of the Canadian Stroke Network (RCSN); The Stroke Outcomes Research Canada (SORCan) Working Group

7:52 Do the Addition of Non-Label Inclusion and Exclusion Criteria for tPA Impact US Treatment Rates?
Fern Cudlip, Eden Medical Ctr, Castro Valley, CA; Victoria Swatzell, Scottsdale Healthcare, Scottsdale, AZ; Andrei V Alexandrov, Univ of Alabama at Birmingham, Comprehensive Stroke Ctr, Birmingham, AL; Anne W Alexandrov, Univ of Alabama at Birmingham, Comprehensive Stroke Ctr & Sch of Nursing, Birmingham, AL

8:04 Thrombolytic Treatment for In-Hospital Ischemic Strokes in United States
Tenbit Emiru, Malik M Adil, Adnan I Qureshi, Zeenat Qureshi Stroke Ctr, Minneapolis, MN

8:16 Outcomes of Thrombolysis for In-hospital Stroke: A Population-Based Study of US Hospitals
Yogesh Moradiya, State Univ of New York Downstate Medical Ctr, Brooklyn, NY; Steven R Levine, SUNY Downstate Stroke Ctr and Medical Ctr Brooklyn NY and Kings County Hosp Ctr, Brooklyn, NY

8:28 ICONS: Identifying Continence OptioNs after Stroke: Findings From a Randomised Trial
Lois H Thomas, Beverley French, Christopher J Sutton, Denise Forshaw, Univ of Central Lancashire, Preston, United Kingdom; Francine Cheater, Glasgow Caledonian Univ, Glasgow, United Kingdom; Brenda Roe, Edge Hill Univ, Ormskirk, United Kingdom; Michael J Leathley, Univ of Central Lancashire, Preston, United Kingdom; Christopher Burton, Bangor Univ, Bangor, United Kingdom; Elaine McColl, Newcastle Univ, Newcastle upon Tyne, United Kingdom; Jo Booth, Glasgow Caledonian Univ, Glasgow, United Kingdom; Katie Brittain, Newcastle Univ, Newcastle upon Tyne, United Kingdom; Bernie Carter, Univ of Central Lancashire, Preston, United Kingdom; Helen Rodgers, Newcastle Univ, Newcastle upon Tyne, United Kingdom; Andrew Walker, Glasgow Univ, Glasgow, United Kingdom; James Barrett, Arrow Park Hosp, Upton, Wirral, United Kingdom; ICONS Patient, Public and Carer Involvement Groups; Caroline L Watkins, Univ of Central Lancashire, Preston, United Kingdom

8:40 Should Acute Ischemic Stroke Patients with Very High National Institutes of Health Stroke Scale Scores Undergo -procedure Intubation Prior to Endovascular Treatment?
Ameer E Hassan, Univ of Texas Health Science Ctr - San Antonio, Harlingen, TX; Malik M Adil, Haralabos Zacharatos, Basit Rahim, Zeenat Qureshi Stroke Res Ctr, Minneapolis, MN; Saqib A Chaudhry, Michigan State Univ, Lansing, MI; Wondwossen G Tekle, Mikayel Grigoryan, Adrian I Qureshi, Zeenat Qureshi Stroke Res Ctr, Minneapolis, MN

8:52 Withdrawal of Care in the Ethnic/Racial Variations of Intracerebral Hemorrhage (ERICH) Study
Kevin N Sheth, Univ of Maryland Sch of Med, Baltimore, MD; Sharyl R Martini, Univ of Cincinnati, Cincinnati, OH; David L Tirschwell, Kyra J Becker, Univ of Washington, Seattle, WA; Bradford B Worrall, Univ of
Virginia, Charlottesville, VA; Michael L James, Duke Univ, Durham, NC; Gene Sung, Univ of Southern California, Los Angeles, CA; Mark Brown, Carl Langefeld, Wake Forest Sch of Med, Winston-Salem, NC; Jennifer Osborne, Charles J Moomaw, Daniel Woo, Univ of Cincinnati, Cincinnati, OH; ERICH Investigators

9:04 Discussion

9:10 am – 9:30 am
Short Break/Science and Technology Hall (Hall II)

9:30 am – 11:00 am
Session III: Plenary Session I
Hall III
Moderators: Steven M Greenberg, MD, PhD, FAHA, Boston, MA
Kyra Becker, MD, FAHA, Seattle, WA

9:30 Hawaiian Ceremonial Welcome

9:36 Welcome and Introduction of the AHA/ASA President Donna Arnett
Nancy Brown, Dallas, TX

9:41 AHA Presidential Address
Donna K Arnett, PhD, BSN, FAHA, Birmingham, AL

9:01 ISC Program Chair Welcome
Steven M Greenberg, MD, PhD, FAHA, Boston, MA

10:01 In Memoriam: C Miller Fisher
Steven M Greenberg, MD, PhD, FAHA, Boston, MA

10:17 Introduction of the Robert G Siekert New Investigator Award in Stroke
Kyra Becker, MD, FAHA, Seattle, WA

10:19 Robert G Siekert New Investigator Award in Stroke:
GAMES (Glyburide Advantage in Malignant Edema and Stroke) Pilot Study
Kevin N Sheth, Univ of Maryland Sch of Med, Baltimore, MD; W T Kimberly, Massachusetts General Hosp, Boston, MA; Jordan Elm, Medical Univ of South Carolina, Charleston, SC; Karen Yarbrough, Univ of Maryland Sch of Med, Baltimore, MD; Sydney O’Connor, Massachusetts General Hosp, Boston, MD; Maxim Hammer, April Kane, Univ of Pittsburgh Sch of Med, Pittsburgh, PA; Katharina Busl, Terry Cole, Rush Univ, Chicago, IL; Albert J Yoo, Massachusetts General Hosp, Boston, MA; Sven Jacobson, Remedy Pharmaceuticals, New York, NY; Barney Stern, Univ of Maryland Sch of Med, Baltimore, MD

10:31 Introduction of the William M Feinberg Award for Excellence in Clinical Stroke
Steven M Greenberg, MD, PhD, FAHA, Boston, MA

10:35 William M Feinberg Award for Excellence in Clinical Stroke:
Treatment of Intracranial Atherosclerosis: Learning from the Past and Planning for the Future
Marc I Chimowitz, MD, FAHA, Charleston, SC

10:55 Closing Remarks
Steven M Greenberg, MD, PhD, FAHA, Boston, MA

11:00 am – 11:10 am
Short Break

11:10 am – 12:30 pm
Science and Technology Hall (Exhibits)/Lunch Break
Hall II
Fellow and Early Career Luncheon: Finding and Walking the Various Career Paths in Stroke: Stories of Younger Faculty
Room 313 A
(Ticket required; seating is limited.)
Moderator: Scott E Kasner, MD, MS, FAHA, Philadelphia, PA
11:10 The Clinical Research Path
Pooja Khatri, MD, FAHA, Cincinnati, OH
11:30 The Laboratory Research Path
Sean I Savitz, MD, FAHA, Houston, TX
11:50 The Neurointerventional Path
Raul G Nogueira, MD, Atlanta, GA
12:10 Discussion
Nursing and Rehabilitation Professionals Luncheon
Room 311
(Ticket required; seating is limited.)
11:10 Introduction, Announcements and Overview
Janet Prvu Bettger, ScD, FAHA, Durham, NC
11:25 “Sensoring” Physical Activity from Acute Stroke to Community Living
Sandra Billinger, PT, PhD, FAHA, Kansas City, KS
11:40 Implementation of the Stroke Nurse Navigator Role
Wende Fedder, RN, MBA, FAHA, Arlington Heights, IL
11:55 Words Matter: Keeping Up with Documentation Requirements
Claranne P Mathiesen, MSN, BSN, RN, CNRN, Stroudsburg, PA
12:10 Panel Discussion
Elaine T Miller, DNS, RN, CRRN, FAHA, FAAN, Cincinnati, OH

12:30 pm – 2:00 pm
Session IV: Concurrent Symposia A
Cost Effective Imaging for Patients with TIA (Debate)
Room 313 BC
Moderator: Seemant Chaturvedi, MD, FAHA, FAAN, Detroit, MI
12:30 Current TIA Evaluation Guidelines
Jin-Moo Lee, MD, PhD, St Louis, MO
12:55 MRI with Diffusion Should Be the First Line Imaging Modality for the TIA Patient
Jeffrey L Saver, MD, FAHA, FAAN, Los Angeles, CA
1:20 MRI with Diffusion Should Not Be the First Line Imaging Test for the TIA Patient
Peter A Sandercock, MD, FRCP, Edinburgh, United Kingdom
1:45 Discussion

Session IV: Concurrent Symposia B
Molecular Neuroimaging in Vascular Cognitive Impairment
Room 312
Moderators: Geoffrey Donnan, MD, MBBS, FAHA, FRACP, Melbourne, Australia
Christopher Chen, MD, Singapore, Singapore
12:30 Molecular Neuroimaging in Dementia Research: Current Status
12:49 Amyloid Imaging for Diagnosis of Pure Vascular Dementia
Duk L Na, MD, Seoul, Korea, Republic of
1:08 Molecular Neuroimaging in Cerebral Amyloid Angiopathy
M Edip Gurol, MD, Boston, MA
1:27 PET in Poststroke Cognitive Decline: Findings Driven by Ischemia or Alzheimer’s Pathology?
Vincent Mok, MD, FRCP (Edinburgh), FHKAM, MRCP, MBBS, Hong Kong, China
1:45 Discussion
Session IV: Concurrent Symposia C
New Strategies in Detection of Cardioembolism
Room 316 BC
Moderators: Ken Uchino, MD, Cleveland, OH
Maher Saqqur, MD, MPH, FRCPC, Edmonton, AB, Canada
12:30 Advances in Cardiac Imaging and Ultrasound for Improved Detection of Cardiac Embolism
Hee Joon Bae, MD, PhD, Seongnam-si Gyeonggi-d, Korea, Republic of
12:49 Prolonged Rhythm Monitoring for Detection of Silent Atrial Fibrillation
Alejandro Rabinstein, MD, Rochester, MN
1:08 Potential for Blood Biomarkers to Improve Identification of Cardiogenic Embolism
Frank Sharp, MD, FAHA, FAAN, Sacramento, CA
1:27 Selecting Patients for Screening for Atrial Fibrillation for Primary and Secondary Stroke Prevention
S Claiborne Johnston, MD, FAHA, San Francisco, CA
1:45 Discussion

Session IV: Concurrent Symposia D
Successful Implementation of New Models of Nursing Care to Improve Stroke Outcomes
Room 315
Moderators: Margaret Kelly-Hayes, EdD, RN, FAAN, Boston, MA
Wende Fedder, RN, MBA, FAHA, Arlington Heights, IL
12:30 Acute Stroke Educational Programming for Nurses: Lessons Learned
Anne Alexandrov, PhD, RN, CCRN, FAAN, Birmingham, AL
12:49 Nurses as Change Agents: Delivery of Evidence-based Clinical Practice
Dominique Cadilhac, BN, PhD, Clayton, Australia
1:08 Enhancing Rehabilitation through Workforce Development
Caroline Watkins, PhD, BA(Honors), RN, Preston, United Kingdom
1:27 STAND FIRM (Shared Team Approach between Nurses and Doctors for Improved Risk Factor Management) for Stroke Patients – A Cluster Randomised Controlled
Amanda Thrift, PhD, PGDipBiostat, Melbourne, Victoria, Australia
1:45 Discussion

Session IV: Concurrent E
SAH and Other Neurocritical Management Oral Abstracts
Kalakaua Ballroom C
Moderators: Christopher S Ogilvy, MD, Boston, MA
Navaz P Karanjia, MD, San Diego, CA
12:30 Impact of Acute Cocaine Use on Aneurysmal Subarachnoid Hemorrhage
Neeraj Sunderrajan Naval, Tiffany Chang, Robert Kowalski, Filissa Caserta, Juan Ricardo Carhuapoma, Rafael J Tamargo, Johns Hopkins Univ Hosp, Baltimore, MD
12:42 Strict Blood Pressure Control with Intravenous Nicardipine is Associated with Lower Risk of Acute Re-bleeding after Aneurysmal Subarachnoid Hemorrhage
Peyman Shirani, Keiko Fukuda, Lynn Tieu, Randall Higashida, Michael Lawton, Wade Smith, Nerissa Ko, Univ of California San Francisco (UCSF), San Francisco, CA
12:54 Early Elevation of Plasma Plasminogen Activator Inhibitor-1 is Associated with Vasospasm following Subarachnoid Hemorrhage
Sherry H-y Chou, Susannah C Orzell, Sarah Suh, Galen Henderson, Farzaneh Sorond, Rose Du, Steven K Feske, Brigham and Women's Hosp; Harvard Medical Sch, Boston, MA; Eng H Lo, MingMing Ning, Massachusetts General Hosp; Harvard Medical Sch, Boston, MA

1:06 Cerebral Hemodynamic Changes in Patients with Wartime Traumatic Brain Injury
Alexander Razumovsky, Sentient NeuroCare Services, Hunt Valley, MD; Teodore Tigno, Randy Bell, Walter Reed Natl Military Medical Ctr, Bethesda, MD; Meryl V Severson, Walter Reed Natl Military, Hunt Valley, MD; Sven M Hochheimer, Walter Reed Natl Military Medical Ctr, Bethesda, MD; Scott A Marshall, Uniformed Services Univ of Health Sciences, Bethesda, MD; Stephen M Oppenheimer, Sentient NeuroCare Services, Hunt Valley, MD; Robert Ecker, Maine Medical Ctr, Portland, ME; Rocco A Armonda, Walter Reed Natl Military Medical Ctr, Bethesda, MD

1:18 A Novel Technique in Controlling for Severity of Subarachnoid Hemorrhage and Measuring Outcomes in the Analysis of the Nationwide Inpatient Sample: The NIS-SAH Severity Score and NIS-SAH Outcome Measure
Chad W Washington, Colin P Derdeyn, Ralph G Dacey, Raj Dhar, Gregory J Zipfel, Washington Univ in St Louis, St Louis, MO

1:30 Prediction of Delayed Cerebral Ischemia After Subarachnoid Hemorrhage Using Variations of Dynamic Cerebral Autoregulation
Lionel Calviere, Nathalie Nasr, Brigitte Guidolin, Univ Hosp Rangueil, Toulouse, France; Marek Czosnyka, Addenbrooke's Hosp, Univ of Cambridge, Cambridge, United Kingdom; Alain Viguier, Jean-Christophe Sol, Jacques Lagarrigue, Vincent Larrue, Univ Hosp Rangueil, Toulouse, France

1:42 Association between Increased Plasma Catecholamine Levels and Neurogenic Pulmonary Edema in Patients with Subarachnoid Hemorrhage
Joji Inamasu, Keiko Sugimoto, Yokko Kato, Yuichi Hirose, Fujita Health Univ, Toyoake, Japan

1:54 Discussion

Session IV: Concurrent F
Acute Endovascular Treatment Oral Abstracts I
Kalakaua Ballroom B

Moderators: Sean Lavine, MD, New York, NY
Brian Hoh, MD, Gainesville, FL

12:30 Impact of Collaterals on Successful Revascularization in SWIFT
David S Liebeskind, Reza Jahan, UCLA, Los Angeles, CA; Raul G Nogueira, Emory Univ Sch of Med, Atlanta, GA; Osama O Zaidat, Medical Coll of Wisconsin, Milwaukee, WI; Jeffrey L Saver, UCLA, Los Angeles, CA; for the SWIFT Investigators

12:42 Rates Of Postoperative Stroke, Cardiac Complication And Mortality In Patients Undergoing Intracranial Stent Placement As Part Of A Clinical Trial Versus Those Treated Outside A Clinical Trial
Farhan Siddiq, Malik M Adil, Adnan I Qureshi, Univ of Minnesota, Minneapolis, MN

12:54 Predictors of Intracranial Hemorrhage in SWIFT
Radoslav Raychev, Reza Jahan, David Liebeskind, Jeffrey Saver, UCLA, Los Angeles, CA

1:06 Synthesis Expansion: Randomized Trial On Primary Endovascular Treatment vs Standard Intravenous Recombinant Tissue Plasminogen Activator for Acute Ischemic Stroke
Alfonso Ciccone, Carlo Poma Hosp, Mantua, Italy; Luca Valvassori, Edoardo Boccardi, Roberto Sterzi, Niguarda Ca’ Granda Hosp, Milan, Italy; Synthesis Investigators
Limited Eligibility for Trials of Endovascular Therapy for Acute Ischemic Stroke in the US: A Population-Based Assessment
Pooja Khatri, Jane Khoury, Kathleen A Alwell, Charles J Moomaw, Brett M Kissela, Opeolu Adeoye, Daniel Woo, Matthew L Flaherty, Simona Ferioli, Dawn Kleindorfer, Univ of Cincinnati Academic Health Ctr, Cincinnati, OH

Refining Angiographic Biomarkers of Reperfusion: Modified TICI Is Superior to TIMI for Predicting Clinical Outcomes After Intra-arterial Therapy
Albert J Yoo, MASSACHUSETTS GENERAL HOSP, Boston, MA; Claus Z Simonsen, Aarhus Medical Ctr, Aarhus, Denmark; Shyam Prabhakaran, Northwestern Univ, Chicago, IL; Zeshan A Chaudhry, MASSACHUSETTS GENERAL HOSP, Boston, MA; Mohammad Issa, Medical Coll of Wisconsin, Milwaukee, WI; Jennifer E Fugate, Mayo Clinic, Rochester, MN; Italo Linfante, Baptist Cardiac and Vascular Inst, Miami, FL; David F Kallmes, Mayo Clinic, Rochester, MN; Guilherme Dabus, Baptist Cardiac and Vascular Inst, Miami, FL; Osama O Zaidat, Medical Coll of Wisconsin, Milwaukee, WI

Correlation of AOL Recanalization, TIMI Reperfusion and TICI Reperfusion with Infarct Growth and Clinical Outcome in the DEFUSE 2 Trial
Michael P Marks, Maarten G Lansberg, Michael Mlynash, Matus Straka, Stephanie Kemp, Manabu Inoue, Aaryani Tipirneni, Ryan McTaggart, Greg Zaharchuk, Roland Bammer, Gregory W Albers, Stanford Univ Med Ctr, Stanford, CA; DEFUSE 2 Investigators

Mechanism Of Carotid Plaque Vulnerability: Associations Of Pro-and Anti-inflammatory Molecules
Akihiro Shindo, Hiroshi Tanemura, Kenichiro Yata, Fumio Asakura, Naoki Toma, Hiroshi Sakaida, Mie Univ Graduate Sch of Med, Tsu, Japan; Kazuhide Hamada, Suzuki Kaisei Hosp, Suzuka, Japan; Takao Fujisawa, Mie Natl Hosp, Tsu, Japan; Waro Taki, Hidekazu Tomimoto, Mie Univ Graduate Sch of Med, Tsu, Japan

Malignant Emboli On Trans Cranial Doppler During Carotid Stenting Predict Post Procedural DWI Lesions And Are Most Common During Stent And Distal Protection Device Deployment
Mohammed A Almekhlafi, Simeepet Bal, Caroline Stephenson, Eileen Steward, Sachin Mishra, Vivek Namibar, Bijoy Menon, Michael D Hill, Andrew M Demchuk, Mayank Goyal, Univ of Calgary, Calgary, AB, Canada

Predictors of Vascular Events or Death within One Year of Carotid Artery Stenting: Investigation on Devices and Anti-platelet Therapy for Carotid Artery Stenting (IDEALCAST)
Hiroshi Yamagami, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Nobuyuki Sakai, Kobe City Medical Ctr General Hosp, Kobe, Japan; Yoshinori Matsubara, Translational Res Informatics Ctr, Kobe, Japan; Yasushi Okada, Natl Hosp Organization Kyushu Medical Ctr, Fukuoka, Japan; Hiroyoshi Yokoi, Kokura Memorial Hosp, Kitakyushu, Japan; Masayuki Ezura, Sendai Medical Ctr, Sendai, Japan; Yujii Matsumaru, Toranomon Hosp, Tokyo, Japan; Shigeru Miyachi, Nagoya Univ Graduate Sch of Med, Nagoya, Japan; Tomoaki Terada, Wakayama Rosai Hosp, Wakayama, Japan; Akio Hyodo, Dokkyo Medical Univ Koshigaya Hosp, Koshigaya, Japan; IDEALCAST Investigators
Importance Of Previous Brain Infarcts In Patients With Asymptomatic Carotid Stenosis And The Impact Of Surgery From The Asymptomatic Carotid Surgery Trial-1
Jonathan Y Streifler, Rabin Medical Ctr, Petach Tikva, Israel; Anne G denHartog, Univ of Utrecht Medical Ctr, Utrecht, Netherlands; Samuel Pan, Univ of Oxford, Oxford, United Kingdom; Dafydd Thomas, Imperial Coll London, London, United Kingdom; Alison Halliday, Univ of Oxford, Oxford, United Kingdom; ACST-1 trial collaborators

The Effect Of Pre-existing Atrial Fibrillation On In-hospital Outcomes In Patients Undergoing Carotid Endarterectomy Or Stent Placement In General Practice
Masaki Watanabe, Saqib A Chaudhry, Malik Muhammad Adil, Shahram Majidi, Syeda Laila Alqadri, Eduard Semaan, Adnan I Qureshi, Univ of Minnesota, Minneapolis, MN

Can Patient or Arterial Characteristics Guide the Choice between Carotid Angioplasty and Carotid Endarterectomy? The Carotid Revascularization Endarterectomy versus Stenting Trial (CREST)
Wesley S Moore, Univ of California Los Angeles Medical Ctr, Los Angeles, CA; Gary S Roubin, Continuum Health Partners, New York, NY; Kenneth Rosenfeld, Massachusetts General Hosp, Boston, MA; Irfan Altufallah, North Memorial Medical Ctr, Robbinsdale, MN; Gary M Ansell, Ohio Health Res Inst, Columbus, OH; Jennifer H Voeks, Medical Univ of South Carolina, Charleston, SC; James F Meschia, Mayo Clinic, Jacksonville, FL; Brajesh K Lal, Univ of Maryland Medical Sch, Baltimore, MD; George Howard, Univ of Alabama at Birmingham, Birmingham, AL; Thomas G Brott, Mayo Clinic, Jacksonville, FL

Outcomes of Carotid Endarterectomy Following the CMS Reimbursement Guidelines
Amer Alshekhlee, Aws Alawi, Yasir Al Khalili, Fahad K Alobaidi, Nirav Vora, St Louis Univ, St Louis, MO

2:00 pm – 2:30 pm
Science and Technology Hall/Break
Hall II

2:30 pm – 4:00 pm
Session V: Concurrent Symposia A
Novel Anticoagulants in Vascular Neurology Practice
Room 316 BC
Moderator: M Edip Gurol, MD, Boston, MA

Should New Anticoagulants Be Considered First Line of Treatment for Secondary Stroke Prevention in Atrial Fibrillation?
Gregory J del Zoppo, MD, MS, FAHA, Seattle, WA

Should New Anticoagulants Not Be Considered First Line of Treatment for Secondary Stroke Prevention in Atrial Fibrillation?
Alan S Go, MD, Oakland, CA

New Anticoagulants in Stroke Neurology: Practical Issues
Hans-Christoph Diener, MD, PhD, FAHA, FAAN, Essen, Germany

Discussion

Session V: Concurrent Symposia B
The Next Big Thing in Stroke (at Lightning Speed)
Kalakaua Ballroom B
Moderators: Steven M Greenberg, MD, PhD, FAHA, Boston, MA
Kyra Becker, MD, FAHA, Seattle, WA

Please note that the order of these presentations is subject to change. Check the online Program Planner for the most current version.
2:30  Session Overview
Steven M Greenberg, MD, PhD, FAHA, Boston, MA

2:32  Race, Ethnic and Socioeconomic Disparities throughout the Globe
Lewis B Morgenstern, MD, FAHA, Ann Arbor, MI

2:38  Biological Case Definition - The Science of Stroke Clinical Trials Comes of Age
Steven Warach, MD, PhD, Austin, TX

2:44  Brain Ischemia Orchestrates Remote Organ Responses that Impact Outcome
Michael Moskowitz, MD, Charlestown, MA

2:50  Carotid Artery Disease Worldwide: Present and Future Trials
Thomas G Brott, MD, Jacksonville, FL

2:56  The Emergence of Restorative Therapies: Drugs and Devices
Randolph J Nudo, PhD, FAHA, Kansas City, KS

3:02  Vascular Cognitive Impairment Exists: Now What?
Lenore Launer, PhD, Bethesda, MD

3:08  Worldwide Stroke Prevention: Setting the Priorities Right
Valery Feigin, MD, PhD, Auckland, New Zealand

3:14  Stroke Genetics: Moving to Personalized Stroke Prevention
Ralph L Sacco, MS, MD, FAAN, FAHA, Miami, FL

3:20  Translating Restorative Therapies to Humans
Alvaro Pascual-Leone, MD, PhD, Boston, MA

3:26  Neuroprotection Within a Decade: Good News and Bad
Michael Tymianski, MD, PhD, FRCS, Toronto, ON, Canada

3:32  Stroke Prevention and Treatment: The Need for a Life Course Perspective
Joanna Wardlaw, MD, Edinburgh, United Kingdom

3:38  Discussion

Session V: Concurrent Symposia C

White Matter Injury in Stroke
Room 312

Moderator:  Lyanne C Schlichter, PhD, Toronto, ON, Canada
2:30  Mechanisms of Human Ischemic White Matter Injury and Vascular Cognitive Impairment
Stephen Back, MD, PhD, Portland, OR

2:49  Animal Models of White Matter Stroke
S Thomas Carmichael, MD, PhD, Los Angeles, CA

3:08  Vulnerability of Aging White Matter to Ischemic Injury
Selva Baltan, MD, PhD, Cleveland, OH

3:27  White Matter Injury in Models of Intracerebral Hemorrhage
Guohua Xi, MD, Ann Arbor, MI

3:45  Discussion

Session V: Concurrent D

Pediatric Stroke Oral Abstracts
Kalakaua Ballroom C

Moderators:  Mahendranath Moharir, MD, MSc, FRACP, Toronto, ON, Canada
Susan L Benedict, MD, Salt Lake City, UT

2:30  Diffusion Imaging Of Cerebral Diaschisis In Neonatal Arterial Ischemic Stroke
Jamie Roe, Univ of Calgary, Calgary, AB, Canada; Thilinie Rajapakse, Alberta Children’s Hosp, Calgary, AB, Canada; Gabrielle deVeber, The Hosp for Sick Children, Toronto, ON, Canada; Xing-Chang Wei, Adam Kirton, Alberta Children’s Hosp, Calgary, AB, Canada
2:42 Evolution Of Cerebral Diaschisis In Childhood Arterial Ischemic Stroke
Adam Kirton, Alberta Children's Hosp, Calgary, AB, Canada; Elizabeth Williams, Univ of Calgary, Calgary, AB, Canada; Michael Dowling, UT Southwestern Medical Ctr, Dallas, TX; Rebecca Ichord, Children's Hosp of Philadelphia, Philadelphia, PA; PedNIHSS Investigators

2:54 Neurophysiology Of Ipsilateral Corticomotor Projections After Perinatal Stroke
Omar Damji, Univ of Calgary, Calgary, AB, Canada; Oleg Kotsovsky, Alberta Children's Hosp, Calgary, AB, Canada; Robert Chen, Toronto Western Hosp, Toronto, ON, Canada; Adam Kirton, Alberta Children's Hosp, Calgary, AB, Canada

3:06 The Epidemiology of Childhood Stroke in Southern England: A Prospective Study using Multiple Sources of Case Ascertainment
Andrew A Mallick, Univ of Bristol, Bristol, United Kingdom; Vijeya Ganesan, Univ Coll London, London, United Kingdom; Fenella J Kirkham, Southampton General Hosp, Southampton, United Kingdom; Penny Fallon, St George's Healthcare NHS Trust, London, United Kingdom; Tammy Hedderly, King's Coll Hosp, London, United Kingdom; Tony McShane, John Radcliffe Hosp, Oxford, United Kingdom; Alisdair P Parker, Cambridge Univ Hosp NHS Fndn Trust, Cambridge, United Kingdom; Evangeline Wassmer, Birmingham Children's Hosp NHS Fndn Trust, Birmingham, United Kingdom; Elizabeth Wraige, Guy's and St Thomas' NHS Fndn Trust, London, United Kingdom; Finbar J O'Callaghan, Univ of Bristol, Bristol, United Kingdom

3:18 Gliosis After Perinatal Stroke: Quantification And Outcomes
Adam Kirton, Alberta Children’s Hosp, Calgary, AB, Canada; Siddharth Shinde, Univ of Calgary, Calgary, AB, Canada; Xing-Chang Wei, Alberta Children’s Hosp, Calgary, AB, Canada

3:30 Significance of Paradoxical Central Increased Diffusivity in Perinatal Arterial Ischemic Stroke
Nicholas V Stence, Timothy J Bernard, Marilyn J Manco-Johnson, Jennifer Armstrong-Wells, Children’s Hosp Colorado, Aurora, CO

3:42 Posterior Circulation Stroke in Children Due to Cervical Spine Abnormalities
Christine K Fox, Charles E Stout, Nalin Gupta, Michael T Lawton, Christopher F Dowd, Heather J Fullerton, UCSF, San Francisco, CA

3:54 Discussion
Session V: Concurrent E Community/Risk Factors Oral Abstracts I Kalakaua Ballroom A
Moderators: Salina Waddy, MD, Bethesda, MD Amytis Towfighi, MD, Los Angeles, CA

2:30 The Left Atrium Ejection Fraction Predicts Ischemic Stroke And Ischemic Heart Disease In A Low Risk General Population For Biering-Sorensen, Rasmus Mogelvang, Sune Pedersen, Dept of Cardiology, Gentofte Hosp, Copenhagen, Denmark; Peter Schnoor, Copenhagen City Heart Study, Epidemiological Res Unit, Bispebjerg Hosp, Copenhagen, Denmark; Peter Seggaard, Dept of Cardiology, Gentofte Hosp, Copenhagen, Denmark; Louisa M Christensen, Derk W Krieger, Hanne Christensen, Dept of Neurology, Bispebjerg Hosp, Copenhagen, Denmark; Jan Skov Jensen, Dept of Cardiology, Gentofte Hosp, Copenhagen, Denmark

2:42 Troponin T, NT-proBNP, and Incidence of Stroke: The Atherosclerosis Risk in Communities (ARIC) Study
Aaron R Folsom, Univ of Minnesota, Minneapolis, MN; Vijay Nambi, Baylor Coll of Med, Houston, TX; Elizabeth J Bell, Oludamilola W Oluleye, Univ of Minnesota, Minneapolis, MN; Rebecca F Gottesman, Johns Hopkins Univ Sch of Med, Baltimore, MD; Pamela L Lutsey, Rachel R Huxley, Univ of Minnesota, Minneapolis, MN; Christie M Ballantyne, Baylor Coll of Med, Houston, TX
Amino-terminal Pro-B-type Natriuretic Peptide (NT-Pro-BNP) and Risk Of Stroke: The Reasons For Geographic And Racial Differences In Stroke (REGARDS) Cohort
Mary Cushman, Univ of Vermont, Burlington, VT; Suzanne E Judd, Virginia J Howard, Evan L Thacker, Ali Ahmed, Univ of Alabama at Birmingham, Birmingham, AL; Nancy S Jenny, Univ of Vermont, Burlington, VT; Brett Kissela, Univ of Cincinnati, Cincinnati, OH; Neil A Zakai, Univ of Vermont, Burlington, VT

Circulating Interleukin-6 Levels Associate With Risk Of First-ever Cerebrovascular Events In Patients With Cardiovascular Risk Factors
Kaori Miwa, Makiko Tanaka, Shuhei Okazaki, Shigetaka Furukado, Mariabu Sakaguchi, Hideki Mochizuki, Kazuo Kitagawa, Osaka university, Suita, Japan

Serum VEGF Levels Alter Risk of Stroke: the Framingham Heart Study
Aleksandra Pikula, Boston Univ Sch of Med, Framingham Heart Study, Boston, MA; Alexa S Beiser, Boston Univ Sch of Public Health, Framingham Heart Study, Boston, MA; Tai C Chen, Boston Univ Sch of Med, Boston, MA; Sarah R Preis, Boston Univ Sch of Public Health, Framingham Heart Study, Boston, MA; Demetrios Vorgias, Boston Univ Sch of Med, Boston, MA; Rhoda Au, Margaret Kelly-Hayes, Carlos S Kase, Philip A Wolf, Ramachandran S Vasan, Sudha Seshadri, Boston Univ Sch of Med, Framingham Heart Study, Boston, MA

Long-Term Blood Pressure Trajectories and Stroke Risk
Norrina B Allen, Hongyan Ning, Donald Lloyd-Jones, Northwestern Univ, Chicago, IL

The Effect of Hyperglycemia on Stroke Outcome Depends on Baseline Glycosylated Hemoglobin Levels
Kwang-Yeol Park, Johanna Helenius, Ross Avery, Gyeong-Moon Kim, Ferdinando S Buonanno, Hakan Ay, Massachusetts General Hosp, Boston, MA

Human Neuronal Cells Directly Induced From Human Skin Fibroblasts: A Novel Cell Resource For Stroke Therapy
Toru Yamashita, Okayama Univ, Okayama, Japan; Asa Abeliovich, Columbia Univ, New York, NY; Koji Abe, Okayama Univ, Okayama, Japan

Expanding The Lacunar Infarct: Molecular Reorganization Of Axons Adjacent To Human White Matter Stroke
Jason D Hinman, Spencer Tung, Harry V Vinters, S Thomas Carmichael, Univ of California Los Angeles, Los Angeles, CA

Neuroimaging, Not Clinical Assessment Predicts Post-Stroke Motor Outcome in Severely Impaired Stroke Patients
Wuwei Feng, Medical Univ of South Carolina, Charleston, SC; Jing Wang, Beth Israel Deaconess Medical Ctr, Harvard Medical Sch, Boston, MA; Christopher Doughty, Harvard Medical Sch, Boston, MA; Christine Holmstedt, Medical Univ of South Carolina, Charleston, SC; Gottfried Schlaug, Beth Israel Deaconess Medical Ctr, Harvard Medical Sch, Boston, MA

Primed Therapy Accelerates Recovery of Upper Limb Function after Stroke
Cathy M Stinear, Matthew Petoe, Samir Anwar, Peter Alan Barber, Winston D Byblow, Univ of Auckland, Auckland, New Zealand
3:18  
**Bdnf val66met polymorphism is Associated with Enhanced Motor Recovery Following Stroke**


3:30  
**Diabetes Impairs Post-stroke Cerebrovascular Plasticity And Long-term Functional Recovery**

Roshini Prakash, UGA, Augusta, GA; Weiguo Li, Zhi Qu, GHSU, Augusta, GA; Susan C Fagan, UGA, Augusta, GA; Adviye Ergul, UGA, GHSU, Augusta, GA

3:42  
**Remodeling After Stroke: The Recovering Brain Is Vulnerable To Lipoxxygenase-dependent Semaphorin Signaling**

Anton Pekcec, Kazim Yigitkanli, Joo Eun Jung, Hulya Karatas, Eng H Lo, Klaus Van Leyen, Massachusetts General Hosp, Charlestown, MA

3:54  
**Discussion**

Session V: Concurrent G  
Junior Investigator Session I  
Room 313 BC

Moderators:  
Philip B Gorelick, MD, MPH, FAHA, Grand Rapids, MI  
Gregory Bix, MD, PhD, Lexington, KY

2:30  
**Expanding the Time Window for Acute Stroke Therapy in Ischemic Stroke Patients Using Computed Tomography Perfusion Imaging: The PERFusion Use in Stroke Evaluation (PERFUSE-2) Study**

Nobil Barazangi, MD, PhD, San Francisco, CA

2:35  
Discussant

2:40  
**Q&A**

2:48  
**Pre-hospital Evaluation of Acute Stroke via Mobile Telemedicine**

Sherita Chapman, MD, Charlottesville, VA

2:53  
Discussant

2:58  
**Q&A**

3:06  
**Predictors of Significant Cognitive Decline after Stroke**

Catherine Yanhong Dong, Singapore, Singapore

3:11  
Discussant

3:16  
**Q&A**

3:21  
**Teleconsultation by Emergency Medical Services for Acute Stroke Recognition; A Feasibility Study**

Praasanthi Govindarajan, MD, San Francisco, CA

3:29  
Discussant

3:34  
**Q&A**

3:42  
**Clopidogrel plus Aspirin versus Aspirin Alone for Symptomatic Major Intracranial Arterial Stenosis (CASIAS) Trial**

Tareq Kass-Hout, MD, Buffalo, NY

3:47  
Discussant

3:52  
**Q&A**

4:00 pm – 4:15 pm  
**Short Break**
**4:15 pm – 5:15 pm**

Poster Sessions
Poster Hall, Hall I

**4:15 pm – 4:45 pm**

Professor-Led Poster Tours by Category:
Moderated Q&A with Poster Presenters

Moderated Posters W MP1 – W MP120; see pg 89 in the Poster Abstract Index for a complete listing of all the posters in this Wednesday Professor-Led Poster Tour session.

**4:45 pm – 5:15 pm**

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

*These posters are not included in the 4:15 Professor-Led Poster Tour Session above.*

Posters W P1 – W P449; see pg 107 in the Poster Abstract Index for a complete listing of all the 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.
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THURSDAY, FEBRUARY 7

### Session VI: Concurrent Symposia A

**Complementary and Alternative Medicine in Stroke Patients**

**Room 316 BC**

**Moderator:** Jeyaraj D Pandian, MD, DM, FRACP, Ludhiana, India

- **6:00** Role of Acupuncture in Stroke Recovery  
  Ming Liu, MD, Chengdu, China

- **6:19** How Can We Conduct Stroke Trials Using CAMs?  
  Christopher Chen, MD, Singapore, Singapore

- **6:38** Role of Indian Traditional Medicine in Stroke Recovery  
  P N Sylaja, MD, Trivandrum, India

- **6:57** CAMs: East and West Collaboration  
  Marc Fisher, MD, Worcester, MA

**7:15** Discussion

### Session VI: Concurrent Symposia B

**Etiologic Stroke Classification in the 21st Century: Challenges and New Classification Systems**

**Kalakaua Ballroom A**

**Moderators:** Walter Koroshetz, MD, FAAN, Bethesda, MD  
Meredith R Golomb, MD, MS, Indianapolis, IN

- **6:00** Etiologic Stroke Subtypes: A Historical Perspective  
  Harold Adams, MD, FAHA, Iowa City, IA

- **6:19** Clinical Relevance of Etiologic Stroke Subtypes  
  Ralph L Sacco, MS, MD, FAAN, FAHA, Miami, FL

- **6:38** Genetics of Etiologic Stroke Subtypes  
  Hugh Markus, MD, FRCP, London, United Kingdom

- **6:57** Challenges in Etiologic Stroke Classification and New Classification Systems  
  Hakan Ay, MD, FAHA, Boston, MA

**7:15** Discussion

### Session VI: Concurrent Symposia C

**Hospital Profiling by Stroke Outcomes: How Do We Define “Quality”?**

**Room 313 BC**

**Moderators:** Eric E Smith, MD, Calgary, AB, Canada  
Janet Prvu Bettger, ScD, FAHA, Durham, NC

- **6:00** Reporting Stroke Outcomes: Overview and Current Status  
  Irene Katzan, MD, MS, FAHA, Cleveland, OH

- **6:19** Evaluating Models of Stroke Outcomes for Hospital Profiling: What Neurologists Need to Know  
  Matthew J Reeves, BVSc, PhD, FAHA, East Lansing, MI
6:38 Public Reporting of Outcomes in Cardiovascular Medicine: Lessons Learned from Our Cardiology Colleagues

6:57 Are Stroke Outcomes Really a Measure of Quality of Care? Moira Kapral, MD, MS, Toronto, ON, Canada

7:15 Discussion

Session VI: Concurrent Symposia D
Stroke, Autonomic Function and Immunomodulation: Beyond the Insula?
Room 315

Moderators: Lee H Schwamm, MD, FAHA, Boston, MA
Lawrence Wong, MD, Shatin, Hong Kong

6:00 The Brain Cardiac Connection

6:19 Stroke and Fatal Cardiac Outcomes: Beyond the Insula
Max J Hilz, MD, Erlangen, Germany

6:38 Hospital Acquired Pneumonia Is Linked to Right Peri-Insular and Brain Stem Stroke
Andre Kemmling, MD, Hamburg, Germany

6:57 Stroke-induced Immunodeficiency

7:15 Discussion

Session VI: Concurrent E
Basic and Translational Neuroscience of Stroke Recovery Oral Abstracts II
Room 312

Moderator: John Zhang, MD, PhD, Loma Linda, CA

6:00 Understanding The Impact Of Anesthetics On Ischemic Cortical Damage By Inducing Stroke In Awake, Freely Moving Mice
Craig E Brown, Ian Swan, Kerry Delaney, Univ of Victoria, Victoria, BC, Canada

6:12 Androgen Regulation of Protection Provided by Inhibition of TRPM2 Channels against Experimental Stroke in Mice
Takeru Shimizu, Neuronal Injury Program, Dept of Anesthesiology, Univ of Colorado Denver | Anschutz Medical Campus, Aurora, CO; Jake Coleman, Univ of Colorado Denver | Anschutz Medical Campus, Aurora, CO; Paco S Herson, Neuronal Injury Program, Dept of Anesthesiology, Univ of Colorado Denver | Anschutz Medical Campus, Aurora, CO

6:24 Protection Against Blood-Brain Barrier Disruption in Focal Cerebral Ischemia by Docosahexaenoic Acid
Sung-Ha Hong, Larissa Khoutorova, Daniela Anzola, Qiang Wu, Bokkyoo Jun, Nicolas G Bazan, Ludmila Belayev, Louisiana State Univ, New Orleans, LA

6:36 Remote Postconditioning Protects Ischemic Brain by nNOS and p-ERK Activation
Giuseppe Pigatto, Federico II University of Naples School of Medicine, Naples, Italy

6:48 Ischemic Postconditioning Did Not Attenuate Acute Infarction But Improved Long-term Outcomes By Promoting mTOR Activity in Nude rats
Rong Xie, Huashan Hosp, Fudan Univ, Shanghai, China; Peng Wang, Stanford Univ, Stanford, CA; Xuming Ji, Xuanwu Hosp, Capital Medical Univ, Beijing, China; Heng Zhao, Stanford Univ, Stanford, CA

7:00 Intra-Arterial Cell Transplantation Provides Timing-Dependent Cell Distribution and Functional Recovery After Stroke
Shunsuke Ishizaka, Dept of Neurosurgery, Nagasaki Univ Sch of Med and Juzenkai hospital, Nagasaki city, Japan; Nobutaka Horie, Yutaka Fukuda, Dept of Neurosurgery, Nagasaki Univ Sch of Med, Nagasaki city, Japan; Katsuya Satoh, Noriyuki Nishida, Dept of Molecular Microbiology and Immunology, Nagasaki Univ Sch of Med, Nagasaki city, Japan; Izumi Nagata, Dept of Neurosurgery, Nagasaki Univ Sch of Med, Nagasaki city, Japan
Post-ischemic Intra-arterial Infusion of Liposome-encapsulated Hemoglobin Can Reduce Ischemic Reperfusion Injury
Daisuke Shimbo, Takeo Abumiya, Hideo Shichinohe, Naoki Nakayama, Ken Kazumata, Kiyohiro Houkin, Hokkaido Univ Graduate Sch of Med, Sapporo, Japan; Takesaburo Ishizuka, TERUMO Corp R and D Headquaters, Nakai, Japan

Discussion
Session VI: Concurrent F Acute Nonendovascular Treatment Oral Abstracts Kalakaua Ballroom B
Moderators: Stephen M Davis, MD, FRCP, Edin FRACP, FAHA, Victoria, Australia
Seemant Chaturvedi, MD, FAHA, FAAN, Detroit, MI

Time to Treatment with Intravenous Tissue Plasminogen Activator and Outcome from Acute Ischemic Stroke in the National US GWTG-Stroke Population
Jeffrey L Saver, Gregg C Fonarow, Geffen Sch of Med at UCLA, Los Angeles, CA; Eric E Smith, Univ of Calgary, Calgary, AB, Canada; Mathew J Reeves, Michigan State Univ, East Lansing, MI; Maria V Grau-Sepulveda, Wenxin Pan, DaiWai Olson, Adrian F Hernandez, Eric D Peterson, Duke Clinical Res Inst, Durham, NC; Lee H Schwamm, Massachusetts General Hosp, Boston, MA

Cellular Therapy for Acute Stroke: Assessing a Potential Treatment Effect
Farhaan S Vahidy, Univ of Texas, Medical Sch, Houston, TX; Mohammad H Rahbar, Univ of Texas, Sch of Public Health, Houston, TX; William J Hicks II, Susan Alderman, Mallikarjunarao Kasam, Vaibhav Juneja, Arvind B Bambhroliya, Sean I Savitz, Univ of Texas, Medical Sch, Houston, TX

Prehospital Study Enrollment Enables Initiation of Neuroprotective Agent for Acute Stroke in Hyperacute Time Windows
Royya F Modir, Neal Rao, Sidney Starkman, Nerses Sanossian, Liebeskind David, Latisha Ali, Lucas Restrepo, Miguel Valdes-Sueiras, UCLA, los angeles, CA; May Kim, USC, los angeles, CA; Sam Stratton, UCI, Los Angeles, CA; Marc Eckstein, USC, Los Angeles, CA; Frank Pratt, UCLA, Los Angeles, CA; Robin Conwit, NIH/NINDS, Bethesda, MD; Scott Hamilton, Jeffrey Saver, UCLA, Los Angeles, CA

Adherence to ECASS III 3-4.5 Hour Exclusion Criteria and Association with Outcome in Clinical Practice: Data from Get With The Guidelines (GWTG)-Stroke
Carolyn A Cronin, Kevin N Sheth, Univ of Maryland Sch of Med, Baltimore, MD; Xin Zhao, Duke Univ, Durham, NC; Steven R Messe, Hosp of the Univ of Pennsylvania, Philadelphia, PA; DaiWai M Olson, Adrian F Hernandez, Duke Clinical Res Inst, Durham, NC; Deepak L Bhatt, VA Boston Healthcare System, Brigham and Women’s Hosp, and Harvard Medical Sch, Boston, MA; Lee H Schwamm, Massachusetts General Hosp, Boston, MA; Eric E Smith, Univ of Calgary, Calgary, AB, Canada

Temporal Trends in Patient Characteristics and Use of IV tPA in Acute Ischemic Stroke Patients Treated at GWTG-Stroke Hospitals
Lee H Schwamm, Syed F Ali, Massachusetts General Hosp, Boston, MA; Mathew J Reeves, Michigan State Univ, East Lansing, MI; Eric E Smith, Univ of Calgary, Calgary, AB, Canada; Jeffrey L Saver, Geffen Sch of Med at UCLA, Los Angeles, CA; Steven Messe, Univ of Pennsylvania, Philadelphia, PA; Deepak L Bhatt, Brigham and Women’s Hosp & VA Boston Healthcare System, Boston, MA; Maria V Grau-Sepulveda, Eric D Peterson, Duke Clinical Res Ctr, Durham, NC; Gregg C Fonarow, UCLA, Los Angeles, CA
7:00 The Impact of Ischemic and Structural Brain Tissue Changes on Response to rt-PA: An Analysis of Imaging from 3035 Patients in The Third International Stroke Trial Joanna Wardlaw, Univ of Edinburgh, Edinburgh, United Kingdom; Rudiger von Kummer, Univ of Dresden, Dresden, Germany; Andrew A Farrall, Univ of Edinburgh, Edinburgh, United Kingdom; Lesley Cala, The Univ of Western Australia, Perth, Australia; Anders von Heijne, Karolinska Inst, Stockholm, Sweden; Andre Peeters, Univ Hosp St Luc, Belgium, Netherlands; Zoe Morris, Univ of Edinburgh, Edinburgh, United Kingdom; Nicholas Braden, James Cook Hosp, Middlesbrough, United Kingdom; Alessandro Adami, Osopital Sacro Cuore, Verona, Italy; Gillian Potter, Univ of Edinburgh, Edinburgh, United Kingdom; Richard Lindley, Univ of Sydney, Sydney, Australia; Peter Sandercock, Univ of Edinburgh, Edinburgh, United Kingdom; on behalf of the IST-3 Collaborative Group

7:12 Iodinated Contrast Does Not Alter Clotting Dynamics in Acute Ischemic Stroke as Measured by Thromboelastography Mark M McDonald, Navdeep Sangha, Jeremy Wetzel, Stephen A Riney, Matt F Cherches, Greer J Guthrie, Stephanie A Parker, Tiffany C Roper, Jorge F Kawano-Castillo, Hui Peng, Renga Pandurengan, Amanda A Hassler, James C Grotta, Univ of Texas Health Science Ctr, Houston, TX

7:24 Discussion

Session VI: Concurrent G Aneurysm Oral Abstracts Kalakaua Ballroom C

Moderators: Mark Bain, MD, Cleveland, OH Philip M Meyers, MD, New York, NY

6:00 Intra-aneurysmal Flow Disruption: A New Approach For The Endovascular Treatment Of Intracranial Aneurysms. Preliminary Clinical Experience Laurent Pierot, CHU Reims, REIMS, France; Anne-Christine Januel, CHU Toulouse, Toulouse, France; Hélène Raoult, CHU Rennes, RENNES, France; Chrysanthi Papagiannaki, CHU Tours, TOURS, France; Krzysztof Kadziolka, CHU Reims, REIMS, France; Denis Herbreteau, CHU Tours, TOURS, France; Jean-Yves Gauvrit, CHU Rennes, RENNES, France; Christophe Cognard, Christophe Cognard, CHU Toulouse, Toulouse, France

6:12 Early Change in Ferumoxytol-Enhanced Magnetic Resonance Imaging Signal Suggests Unstable Human Cerebral Aneurysm. A Pilot Study David M Hasan, Donald Hesitad, Univ of Iowa, Iowa City, IA

6:24 Transcriptional and Epigenetic Regulation of MCP1 by Tumor Necrosis Factor-α; and Cigarette Smoke: Key Mediators in Aneurysm Formation Muhammad S Ali, Thomas Jefferson Univ, Philadelphia, PA; Robert M Starke, Univ of Virginia, Charlottesville, VA; Pascal M Jabbour, Stavropoula Tjoumakanis, L Fernando Gonzalez, Robert H Rosenwasser, Thomas Jefferson Univ, Philadelphia, PA; Walter J Koch, Temple Univ, Philadelphia, PA; Aaron S Dumont, Thomas Jefferson Univ, Philadelphia, PA

6:36 Surpass NeuroEndograft for Endovascular Treatment of Intracranial Aneurysms – Single Center Clinical and Angiographic Results Joost de Vries, Jeroen Boogaarts, Radboud Univ Medical Ctr Nijmegen, Nijmegen, Netherlands; Ajay Aakhloo, Univ of Massachusetts, Worcester, MA

7:00 Comparison of Long-term Outcomes Associated with Endovascular Treatment Versus Surgical Treatment Among Medicare Beneficiaries with Unruptured Intracranial Aneurysms
Adnan I Qureshi, Saqib A Chaudhry, Wondwossen G Tekle, M Fareed K Suri, Zeenat Qureshi Stroke Ctr, Minneapolis, MN

7:12 Unsustainable Hospital Costs in the treatment of Medicare Beneficiaries admitted with Aneurysmal Subarachnoid Hemorrhage
Daraspreet Singh Kainth, Malik M Adil, Hunar Singh Kainth, Adnan Qureshi, Univ of Minnesota, Minneapolis, MN

7:24 Discussion

7:30 am – 7:40 am
Short Break

7:40 am – 9:10 am
Session VII: Concurrent Symposia A
C Miller Fisher’s Approach to Stroke: Past, Present and Future
Kalakaua Ballroom C
Moderators: J Philip Kistler, MD, Boston, MA
Walter Korosheta, MD, FAAN, Bethesda, MD

7:40 Introduction
J Philip Kistler, MD, Boston, MA

7:48 “No Man’s Land”: Large Vessel Brain Disease
J P Mohr, MS, MD, FAHA, FAAN, New York, NY

8:05 “Outnumbering All Other Lesions Combined”: Lacunar Infarction
Geoffrey Donnan, MD, MBBS, FAHA, FRACP, Parkville Victoria, Australia

8:22 “Avalanche”: Intracerebral Hemorrhage
Steven M Greenberg, MD, PhD, FAHA, Boston, MA

8:39 “Quite Different from a Gaping Patulous Hole”: Subarachnoid Hemorrhage and Vasospasm
Robert Loch Macdonald, MD, PhD, FRCS(C), FAANS, FACS, Toronto, ON, Canada

8:55 Discussion

Session VII: Concurrent Symposia B
Progress in Stem Cell Therapy for Stroke
Kalakaua Ballroom A
Moderators: David Hess, MD, Augusta, GA
Gary K Steinberg, MD, PhD, FAHA, Stanford, CA

7:40 Small Animal Studies of Stem Cell Therapy in Stroke
Koji Abe, MD, PhD, Okayama, Japan

7:59 Large Animal Studies of Stem Cell Therapy in Stroke
Dileep R Yavagal, MD, Miami, FL

8:18 Results of Early Clinical Trials of Stem Cell Therapy in Stroke and Future Design
Philip M Bath, BSc, MB, BS, MD, FRCPath, FRCP, FESC, Nottingham, United Kingdom

8:37 What Can Stroke Stem Cell Trialists Learn from Cardiac Stem Cell Trials?
Sean I Savitz, MD, FAHA, Houston, TX

8:55 Discussion

Session VII: Concurrent Symposia C
State of Affairs: Stroke Care and Outcomes among Pacific Islanders, Asians and Native Populations
Room 313 BC
Moderators: Philip Gorelick, MD, MPH, FAHA, Grand Rapids, MI
Amanda Thrift, PhD, PGDipBiostat, Melbourne, Australia
7:40 Stroke Epidemiology, Care Quality and Outcomes in Asia
Lawrence Wong, MD, Shatin, Hong Kong
7:59 Stroke Risk and Management among Pacific Islanders
Valery Feigin, MD, PhD, Auckland, New Zealand
8:18 The Epidemiology and Burden of Stroke in Indigenous Australians
Judith M Katzenellenbogen, PhD, Perth, Australia
8:37 Stroke among Asians/Pacific Islanders in the US
Mai Nguyen-Huynh, MD, MAS, San Francisco, CA
8:55 Discussion
Session VII: Concurrent D Intracerebral Hemorrhage Oral Abstracts
Room 316 BC
Moderator: Sharyl Martini, MD, PhD, Cincinnati, OH
7:40 The Intracerebral Haemorrhage Acutely Decreasing Arterial Pressure Trial (ICH ADAPT): Final Results
Ken S Butcher, Thomas Jeerakathil, The Univ of Alberta, Edmonton, AB, Canada; Michael Hill, Andrew M Demchuk, The Univ of Calgary, Calgary, AB, Canada; Darioush Dowlatshahi, The Univ of Ottawa, Ottawa, ON, Canada; Shelagh B Coutts, The Univ of Calgary, Calgary, AB, Canada; Bronwen Gould, Rebecca McCourt, The Univ of Alberta, Edmonton, AB, Canada; Negar Asdaghi, The Univ of British Columbia, Vancouver, BC, Canada; Max Findlay, Derek Emery, Ashfaq Shuaib, The Univ of Alberta, Edmonton, AB, Canada; for the ICH ADAPT Investigators
7:52 The Predictive Ability of the CTA Spot Sign for Hematoma Expansion is Dependent on Time Since ICH Onset: A Systematic Review and Patient-level Meta-analysis
Dar Dowlatshahi, Ottawa Hosp Res Inst/Univ of Ottawa, Ottawa, ON, Canada; Bart Brouwers, Massachusetts General Hosp, Boston, MA; Andrew Demchuk, Michael D Hill, Univ of Calgary, Calgary, AB, Canada; Richard Aviv, Univ of Toronto, Toronto, ON, Canada; Lee-Anne Ufholz, Univ of Ottawa, Ottawa, ON, Canada; Yongjun Wang, Xingquan Zhao, Yilong Wang, Na Li, Beijing Tiantan Hosp, Capital Medical Univ, Beijing, China; Steven M Greenberg, Javier M Romero, Jonathan Rosand, Joshua N Goldstein, Massachusetts General Hosp, Boston, MA; Mukul Sharma, Ottawa Hosp Res Inst/Univ of Ottawa, Ottawa, ON, Canada; on behalf of the CTA Spot Sign collaborators
8:04 Venous Phase Acquisition Is the Best Bolus Timing to Increase Spot Sign Detection in ICH, But Frequency and Extent of Hematoma Expansion Are Greater in Spot Signs Detected in the Arterial Phase of CTA
David Rodriguez-Luna, Stroke Unit, Vall d’Hebron Univ Hosp, and Vall d’Hebron Res Inst, Barcelona, Spain; Dar Dowlatshahi, Dept of Med (Neurology), The Ottawa Hosp, Univ of Ottawa, Ottawa Hosp Res Inst, Ottawa, ON, Canada; Richard I Aviv, Div of Neuroradiology and Dept of Medical Imaging, Sunnybrook Health Sciences Ctr, Univ of Toronto, Toronto, ON, Canada; Carlos A Molina, Stroke Unit, Vall d’Hebron Univ Hosp, and Vall d’Hebron Res Inst, Barcelona, Spain; Yolanda Silva Bias, Dept of Neurology, Dr Josep Trueta Univ Hosp, Inst d’Investigació Biomèdica Girona (IDIBGI) Findn, Girona, Spain; Imanuel Dzialowski, Dept of Neurology, Univ of Dresden, Dresden, Germany; Cheemun Lum, Dept of Diagnostic Imaging, Neuroradiology Section, The Ottawa Hosp, Univ of Ottawa, Ottawa Hosp Res Inst, Ottawa, ON, Canada; Anna Czlonkowska, 2nd Dept of Neurology, Inst of Psychiatry and Neurology of Warsaw, Warsaw, Poland; Jean-Martin Boulanger, Dept of Med, Charles LeMoine Hosp, Univ of Sherbrooke, Montreal, QC, Canada; Carlos S Kase, Dept of Neurology, Boston Medical Ctr, Boston, MA; Gerd Gubitz, Dept of Neurology, Dalhousie Univ, Halifax, NS, Canada; Rohit Shahis, Vasantha Padma, Dept of Neurology, All India Inst of Medical Sciences, New Delhi, India; Jayanta Roy, AMRI Hosp Kolkata, Kolkata, India; Teri Stewart,
Statin Therapy Is Associated With Decreased Risk of First Intracerebral Hemorrhage and Reduced 30-day Fatality: Results of a Nationwide Case-control Study Including 7696 Cases and 14 670 Controls

Signild Åsberg, Uppsala Univ, Uppsala, Sweden; Marie Eriksson, Umeå Univ, Umeå, Sweden

Apolipoprotein E and use of Statins in Intracerebral Hemorrhage

Daniel Woo, Ranjan Deka, Univ of Cincinnati, Cincinnati, OH; Jessica G Woo, Cincinnati Children’s Hosp Medical Ctr, Cincinnati, OH; Sharyl Martini, Matthew Flaherty, Mary Havervbusch, Laura Sauerbeck, Univ of Cincinnati, Cincinnati, OH; Lisa Martin, Cincinnati Children’s Hosp Medical Ctr, Cincinnati, OH; Charles J Moormaw, Dawn Kleindorfer, Brett Kissela, Joseph P Broderick, Univ of Cincinnati, Cincinnati, OH

Burden of Blood Pressure-Related Alleles is Associated with Larger Hematoma Volume and Worse Outcome in Intracerebral Hemorrhage

Guido J Falcone, Alessandro Biffi, William Devan, H Bart Brouwers, Christopher Anderson, Valerie Valant, Alison M Ayres, Kristin Schwab, Natalia S Rost, Joshua N Goldstein, Anand Viswanathan, Steven M Greenberg, Massachusetts General Hosp, Boston, MA; Madgy Selim, Beth Israel Deaconess Medical Ctr, Boston, MA; James F Meschia, Mayo Clinic, Jacksonville, Jacksonville, FL; Devin L Brown, Univ of Michigan Health System, Ann Arbor, MI; Bradford B Worral, Univ of Virginia Health System, Charlottesville, VA; Scott L Stillman, Univ of Florida Coll of Med, Jacksonville, FL; David L Tirschwell, Univ of Washington, Seattle, WA; Jonathan Rosand, Massachusetts General Hosp, Boston, MA

Risk of Intracerebral Hemorrhage with Combined Antiplatelet and Anticoagulant Use

Matthew L Flaherty, Univ of Cincinnati, Cincinnati, OH; Lili Ding, Jessica G Woo, Lisa Martin, Cincinnati Children’s Hosp Medical Ctr, Cincinnati, OH; Mary Havervbusch, Charles J Moormaw, Sharyl Martini, Opeolu Adeoye, Joseph P Broderick, Daniel Woo, Univ of Cincinnati, Cincinnati, OH

Predictive Validity of Barthel Index Compared to NIHSS for Discharge Destination Following an Acute Stroke Hospitalization

Janet Prvu Bettger, Duke Univ, Durham, NC; Zainab Magdon-Ismail, American Heart Association, Albany, NY; Robin Hedeman, Kessler Inst for Rehabilitation, West Orange, NJ; Alyse Sicklick, Gaylord Specialty Healthcare, Wallingford, CT; Lee Schwamm, Massachusetts General Hosp, Boston, MA; Joel Stein, Columbia Univ, New York, NY

Early Mobilization of Ischemic Stroke Patients post Intravenous Tissue Plasminogen Activator

Olivia Davis, Lesia Mooney, Maryane Dinkins, William David Freeman, Scott Arnold, Mayo Clinic, Jacksonville, FL

AMES Treatment of Severe Hand Impairment Following Stroke

Steven L Wolf, Emory Univ Sch of Med, Atlanta, GA; Jau-Shin Lou, Oregon Health Sciences Univ, Portland, OR; Ross Bogey, Univ Texas Southwest Medical Ctr, Dallas, TX; John Hayes, Pacific Univ, Forest Grove, OR; Elliot Roth, Feinberg Sch of Med, Northwestern Univ, Chicago, IL; Paul J Cordo, Oregon Health Sciences Univ, Portland, OR
8:16 Effects Of High-frequency RTMS Applied Over Bilateral Leg Motor Areas Using A Double Cone Coil On Walking Function In Post-stroke Patients
Wataru Kakuda, Masahiro Abo, Ryo Momosaki, Jikei Univ Sch of Med, Tokyo, Japan

8:28 Post-acute Care Disposition To Home Or Acute Rehabilitation Helps Determine Favorable Clinical Outcome In The SENTIS Trial.
Samir R Belagaje, Kay Zander, Lisa Thackeray, Rishi Gupta, Emory Univ, Atlanta, GA

8:40 Repetitive Transcranial Magnetic Stimulation Once A Week Induces Sustainable Long-term Relief Of Post-stroke Pain
Masahito Kobayashi, Takamitsu Fujimaki, Saitama Medical Univ Hosp, Saitama, Japan; Ban Mihara, Mihara Memorial Hosp, Gunma, Japan

8:52 Inpatient Rehabilitation Facility Disposition Improves Odds For Good Clinical Outcome After Endovascular Stroke Reperfusion Therapy
Samir R Belagaje, Vishal Patel, Chung-Huan Sun, Cedric Pimentel, Brenda Glenn, Christopher Horn, Tommy Thomas, Raul Nogueira, Aaron Anderson, Michael Frankel, Rishi Gupta, Emory Univ, Atlanta, GA

9:04 Discussion

Session VII: Concurrent F Emergency Care/Systems Oral Abstracts II Kalakaua Ballroom B

Moderators: Jamary Oliveira-Filho, MD, PhD, Salvador, Bahia, Brazil
Phillip Scott, MD, FAHA, Ann Arbor, MI

7:40 The Influence of Neighborhood on Emergency Medical Services Use for Acute Stroke – A Population Based Cross Sectional Study
William J Meurer, Deborah A Levine, Kevin A Kerber, James Burke, Jonggyu Baek, Brisa Sanchez, Melinda A Smith, Lewis B Morgenstern, Lynda Lisabeth, Univ Of Michigan, Ann Arbor, MI

7:52 Can Response Adaptive Randomization Increase Participation in Acute Stroke Trials?
Jason Tehranisa, William J Meurer, Univ Of Michigan, Ann Arbor, MI

8:04 Enrolling Spanish-Speaking Subjects into Prehospital Research: The FAST-MAG Spanish Line Experience
Nerses Sanossian, Univ of Southern California, Los Angeles, CA; Sidney Starkman, UCLA Stroke Center, Los Angeles, CA; Latisha K Ali, Lucas Restrepo, UCLA Stroke Ctr, Los Angeles, CA; Miguel Valdes-Suieras, Olive-View UCLA, Los Angeles, CA; David S Liebeskind, UCLA Stroke Ctr, Los Angeles, CA; Fiona Chatfield, T Keta Hodgson, Samantha Cherin, FAST-MAG Coordinating Ctr, Los Angeles, CA; Jeffrey L Saver, UCLA Stroke Ctr, Los Angeles, CA; FAST-MAG Investigators and Coordinators

8:16 SWIFT! Early Presentation is Associated with Better Collaterals, Smaller Established Infarcts, and Better Clinical Outcomes from Endovascular Recanalization
David S Liebeskind, Reza Jahan, UCLA, Los Angeles, CA; Raul G Nogueira, Emory Univ Sch of Med, Atlanta, GA; Tudor G Jovin, UPMC Stroke Inst, Pittsburgh, PA; Helmi L Lutsep, Oregon Stroke Ctr OHSU, Portland, OR; Jeffrey L Saver, UCLA, Los Angeles, CA; for the SWIFT Investigators

8:28 Interrater Reliability of the ABCD² Score
Koto Ishida, Scott E Kasner, Steven R Messe, Michael T Mullen, Brett L Cucchiara, Hosp of the Univ of Pennsylvania, Philadelphia, PA
8:40 The Canadian TIA Rule – A Decision Rule to Predict the Risk Of Stroke Within Seven Days In The Emergency Department
Jeffrey Perry, Mukul Sharma, Univ of Ottawa, Ottawa, ON, Canada; Marco L Sivilotti, Queen’s Univ, Kingston, ON, Canada; Jane Sutherland, Cheryl Symington, Ottawa Hosp Res Inst, Ottawa, ON, Canada; Marcel Emond, Univ Laval, Quebec City, QC, Canada; Andrew Worster, McMaster Univ, Hamilton, ON, Canada; Stotts Grant, George A Wells, Ian G Stiell, Univ of Ottawa, Ottawa, ON, Canada

8:52 Magnetic Resonance Imaging Based Transient Ischemic Attack Triage In The Emergency Department Is Feasible And Safe
Nirali Vora, Christie E Tung, Michael Mlynash, Waimei Tai, Madelleine Garcia, Stephanie Kemp, Gregory W Albers, Jean-Marc Olivot, Stanford, Stanford, CA

9:04 Discussion
Session VII: Concurrent G Experimental Mechanisms and Models Oral Abstracts II Room 315
Moderator: Michael Chopp, PhD, FAHA, Detroit, MI

7:40 Agonaute 2 Regulates Neurogenesis In Ischemic Neural Progenitor Cells
Xianshuang Liu, Chopp Michael, Xinli Wang, Haifa Kassis, Rulian Zhang, Yisheng Cui, Thomas Zervos, Zhenggang Zhang, Henry Ford Health System, Troy, MI

7:52 MicroRNA 133b Promotes Neural Plasticity Via Exosome Transfer After Treatment Of Stroke With Mesenchymal Stromal Cells In Rats
Hongqi Xin, Yi Li, Zhongwu Liu, Yisheng Cui, Zheng G Zhang, Michael Chopp, Henry Ford Hosp, Detroit, MI; Michael Chopp, Physics Dept, Oakland Univ, Rochester, MI

8:04 Deleterious Effects of Synaptic Zn2+ in a Murine Distal Middle Cerebral Artery Occlusion Model
Andrew P Carlson, Dept of Neurological Surgery, Univ of New Mexico Sch of Med, Albuquerque, NM; Lu Li, Kelsey Thomas, Dept of Neurosciences, Univ of New Mexico Sch of Med, Albuquerque, NM; Christian Sheline, Dept of Ophthalmology and the Neuroscience Ctr of Excellence LSU, Health Sciences Ctr, New Orleans, LA; William Shuttleworth, Dept of Neurosciences, Univ of New Mexico Sch of Med, Albuquerque, NM

8:16 The Effect Of Mitophagy During Transient Ischemic Brain In Rats
Qiang Li, Shanghai Ninth People’s Hosp, Shanghai Jiaotong Univ Sch of Med, Shanghai, China; Ting Zhang, Shanghai Sixth People’s Hosp, Shanghai Jiaotong Univ Sch of Med, Shanghai, China; Jixian Wang, Med-X Res Inst, Shanghai Jiaotong Univ, Shanghai, China; Yongting Wang, Guo-Yuan Yang, Med-X Res Inst, Shanghai Jiaotong Univ, Shanghai, China; Xiaojiang Sun, Shanghai Sixth People’s Hosp, Shanghai Jiaotong Univ Sch of Med, Shanghai, China

8:28 Gamma Delta TCR Lymphocytes and Immune Memory of Ischemic Stroke
Mateusz G Adamski, Erin Wagner, Yan Li, Hua Yu, Chloe Seales-Bailey, SUNY DMC, Brooklyn, NY; Steven A Soper, University of North Carolina, Chapel Hill, NC; Michael A Murphy, Louisiana State Univ, Baton Rouge, LA; Alison E Baird, SUNY DMC, Brooklyn, NY

8:40 Which Cell Populations Within The Mononuclear Fraction Of Bone Marrow Contribute To The Beneficial Effects Of Autologous Bone Marrow Cell Therapy For Stroke
Bing Yang, Roger Strong, Krystal Schaar, Xiaopei xi, Sean Savitz, UT medical school at Houston, Houston, TX
8:52 Electronegative LDL and Beta-Amyloid Synergistically Induce Platelet Activation that Can Be Inhibited by Novel MicroRNA-145 and NF-κB Decoys
Ming-Yi Shen, China Medical Univ and Hosp, Taichung, Taiwan; J een-Rong Sheu, Taipei Medical Univ, Taipei, Taiwan; Fang-Yu Chen, China Medical Univ Hosp, Taichung, Taiwan; Richard AF Dixon, Texas Heart institute, Houston, TX; Chu-Huang Chen, Texas Heart Inst, Houston, TX

9:04 Discussion

9:10 am – 9:30 am
Short Break/Science and Technology Hall II

9:30 am – 11:00 am
Session VIII: Plenary Session II
Hall III

Moderators: Steven M Greenberg, MD, PhD, FAHA, Boston, MA
Kyra Becker, MD, FAHA, Seattle, WA

9:30 Introduction of the Mordecai Y T Globus New Investigator Award in Stroke
Kyra Becker, MD, FAHA, Seattle, WA

9:32 Mordecai Y T Globus New Investigator Award in Stroke: Estrogen Protects against Aneurysmal Rupture through Estrogen Receptor-beta in Ovariectomized Mice
Yoshiteru Tada, Univ of California, San Francisco, San Francisco, CA; The University of Tokushima; Kosuke Wada, Hiroshi Makino, Elena I Liang, Shoko Murakami, Mari Kudo, Kenji Shimada, Univ of California, San Francisco, San Francisco, CA; The University of Tokushima; Keiko T Kitazato, Univ of California, San Francisco, San Francisco, CA; The University of Tokushima; Shinji Nagahiro, The Univ of Tokushima, Tokushima, Japan; Tomoki Hashimoto, Univ of California, San Francisco, San Francisco, CA

9:44 Introduction of the Stroke Care in Emergency Medicine Award
Kyra Becker, MD, FAHA, Seattle, WA

9:46 Stroke Care in Emergency Medicine Award: The Probability Of Ischemic Stroke Therapeutic Targets At Extended Time Windows
Steven Warach, Seton/UT Southwestern Clinical Res Inst of Austin, Austin, TX; Marie Luby, Lisa A Davis, José G Merino, Amie W Hsia, NINDS, Bethesda, MD; Christine Jesser, Henry T Robertson, Seton Healthcare Family, Austin, TX; Lawrence L Latour, NINDS, Bethesda, MD

9:58 Introduction of the Highest Scoring Abstracts Submitted for ISC 2013
Steven M Greenberg, MD, PhD, FAHA, Boston, MA

10:01 The Vascular Niche In Adult Mouse Brain After Stroke – Confocal Imaging Of Whole Mount SVZ
Rui Lan Zhang, Michael Chopp, Cynthia Roberts, Siamak Nejad-Davarani, Li Zhang, Min Wei, Xinli Wang, Xianshuang Liu, Zheng Gang Zhang, Henry Ford Hosp, Detroit, MI

10:13 The Prognostic Significance of Subendocardial Myocardial Infarction in Patients Undergoing Carotid Endarterectomy or Carotid Artery Stent Placement
Amir Khan, Malik M Adil, Saqib A Chaushry, M Fareed K Suri, Adnan I Qureshi, Zeenat Qureshi Stroke Ctr, Minneapolis, MN
10:25 Minimally Invasive Surgery plus Tissue Plasminogen Activator for Intracerebral Hemorrhage Evacuation (MISTIE) Leads to a Reduction in Perihematomal Edema
W Andrew Mould, J Ricardo Carhuapoma, John Muschelli, Daniel F Hanley, Johns Hopkins Univ, Baltimore, MD; and the MISTIE Investigators

10:37 Introduction of the David G Sherman Lecture
Steven M Greenberg, MD, PhD, FAHA, Boston, MA

10:40 David G Sherman Lecture: Towards a Stroke Free Childhood in Sickle Cell Anemia
Robert Adams, MD, MS, FAHA, Charleston, SC

11:00 am – 11:10 am
Short Break

11:10 am – 12:30 pm
Science and Technology Hall (Exhibits)/Lunch Break
Hall II
Fellow and Early Career/Stroke Leader Roundtable Luncheon
Room 313 A
(Ticket required; seating is limited.)
Moderator: Scott E Kasner, MD, MS, FAHA, Philadelphia, PA
Sepideh Amin-Hanjani, MD, FAANS, FACS, FAHA, Chicago, IL
Neurosurgery
William G Barsan, MD, FACEP, FAHA, Ann Arbor, MI
Emergency Medicine; Clinical Trials
Sandra Billinger, PT, PhD, FAHA, Kansas City, KS
Rehabilitation
Natan M Bornstein, MD, FAHA, Tel Aviv, Israel
Clinical Trials; Clinical Research and Career Development
Steven C Cramer, MD, Orange, CA
Rehabilitation and Recovery
Bart M Demaerschalk, MD, MSc, FRCP, Phoenix, AZ
Telestroke
Anthony J Furlan, MD, Cleveland, OH
Clinical Trials; Clinical Research and Career Development
S Claiborne Johnston, MD, FAHA, San Francisco, CA
Clinical Trials; Clinical Research and Career Development
Tudor G Jovin, MD, Pittsburgh, PA
Interventional Neurology
Walter Koroshetz, MD, FAAN, Bethesda, MD
Neurobiology; Acute Stroke and Intensive Care Management of Stroke; Neuroimaging in Stroke
David S Liebeskind, MD, FAHA, Los Angeles, CA
Acute Stroke and Imaging
Eng H Lo, PhD, Charlestown, MA
Basic Science
Helmi Lutsep, MD, FAHA, Portland, OR
Acute Stroke and Clinical Trials
Adnan I Qureshi, MD, FAHA, Minneapolis, MN
Interventional Neurology
Karen Rapp, RN, San Diego, CA
Nursing
Lauren Sansing, MD, MSTR, Farmington, CT
Translational Research
Gene Y Sung, MD, MPH, Los Angeles, CA
Neurocritical Care
Amytis Towfighi, MD, Los Angeles, CA
Stroke Epidemiology
12:30 pm – 2:00 pm

Session IX: Concurrent Symposia A
Comprehensive Stroke Center Certification: Current Update
Kalakaua Ballroom A

Moderators: Jean E Range, MS, RN, CPHQ, Oakbrook Terrace, IL
Karen Kolbusz, MBA, Chicago, IL

12:30 Overview
12:35 Becoming a Comprehensive Stroke Center: A Guide to Certification
Lori Massaro, MSN, CRNP, Pittsburgh, PA

12:58 Metrics for Measuring Comprehensive Stroke Center Quality
Edward C Jauch, MD, MS, FAHA, FACEP, Charleston, SC

1:21 Advanced Resources at the Comprehensive Stroke Center: What Capabilities Do You Need to Have?
Adnan I Qureshi, MD, FAHA, Minneapolis, MN

1:45 Discussion

Session IX: Concurrent Symposia B
Current Status and Future Directions of Acute Ischemic Stroke Trials (a Stroke journal session)
Room 315

Moderators: Marc Fisher, MD, Worcester, MA
Lawrence Wong, MD, Shatin, Hong Kong

12:30 Clinical Equipose and the Need for Randomization in Later Time Window Acute Stroke Trials
Joseph Broderick, MD, Cincinnati, OH

12:48 Update on Recent Acute Stroke Trials and Future Directions
Raul G Nogueira, MD, Atlanta, GA

1:06 The Utility of Penumbral Imaging Patient Selection in Acute Stroke Trials
Stephen M Davis, MD, FRCP, Edin FRACP, FAHA, Victoria, Australia

1:24 New Approaches to Trial Design and Detecting Treatment Effects
Kennedy R Lees, MD, Glasgow, United Kingdom

1:42 Discussion

Session IX: Concurrent Symposia C
The First 24 Hours after Stroke
Room 313 BC

Moderators: Markku Kaste, MD, PhD, FESO, FAHA, Helsinki, Finland
Teresa Jacobs, MD, Ann Arbor, MI

12:30 Complications: How Can We Prevent Them?
Magdy Selim, MD, PhD, FAHA, Boston, MA

12:49 Blood Glucose and Blood Pressure: To Treat or Not To Treat?
Else Charlotte Sandset, MD, Oslo, Norway

1:08 Clinical Progression and Early Recurrence: Anything We Can Do?
Shelagh B Coutts, BSc, MB, ChB, MD, FRCPC, FRCP(Glasg), Calgary, AB, Canada

1:27 To Whom Hypothermia/Craniectomy?
Stefan Schwab, MD, Erlangen, Germany

1:45 Discussion

Session IX: Concurrent Symposia D
The Stroke Skeptic: What Is the Role of Neural Repair Events in the Brain in Human Functional Recovery after Stroke?
Room 316 BC

Moderators: S Thomas Carmichael, MD, PhD, Los Angeles, CA
Rajiv R Ratan, MD, PhD, White Plains, NY
Axonal Sprouting and the Formation of New Connections after Stroke
Randolph J Nudo, PhD, FAHA, Kansas City, KS

Cortical Map Plasticity in Experimental Stroke Models
Rick M Dijkhuizen, PhD, Utrecht, Netherlands

Human Cortical Map Plasticity and Recovery
Gottfried Schlaug, MD, PhD, Boston, MA

Post-Stroke Functional Networks
Steven C Cramer, MD, Orange, CA

Session IX: Concurrent E
Community/Risk Factors Oral Abstracts II
Kalakaua Ballroom C

Discussion

Stroke Trends in Mexican Americans and non Hispanic Whites
Lewis B Morgenstern, Brisa N Sánchez, Melinda A Smith, Jonggyu Baek, Nelda Garcia, Lynda D Lisabeth, Univ of Michigan, Ann Arbor, MI

Latino Stroke Survivors More Likely to Experience Depression
Kezhen Fei, Emma K Benn, Rennie Negron, Stanley Tuhrim, Carol R Horowitz, Mount Sinai Sch of Med, New York, NY

Classification of Stroke Sub-types by Race-Ethnicities in the Stroke Genetics Network with Causative Classification System
Michael J Katsnelson, Tatjana Rundek, Ralph Sacco, Univ of Miami, Miami, FL; Bradford B Worrall, Univ of Virginia, Charlottesville, VA; James F Meschia, Mayo Clinic, Jacksonville, FL; Hakan Ay, Massachusetts General Hosp, Boston, MA; Daniel Woo, Univ of Cincinnati, Cincinnati, OH; Robert D Brown Jr, Mayo Clinic, Rochester, MN; Jonathan Rosand, Massachusetts General Hosp, Boston, MA; Patrick McArdle, Univ of Maryland, Baltimore, MD; Sylvia Wassertheil-Smoller, Robert Kaplan, Einstein Coll of Med, Bronx, NY; Ethem M Arsava, Christopher D Anderson, Johanna Helenius, Alessandro Biffi, Massachusetts General Hosp, Boston, MA; Steven Kittner, Univ of Maryland, Baltimore, MD; NINDS Stroke Genetics Network (SiGN) Investigators

Southern Diet Pattern Increases Risk Of Stroke While Plant-based Pattern Decreases Risk Of Stroke in the REGARDS Study
Suzanne E Judd, Orlando Gutierrez, Univ of Alabama Birmingham, Birmingham, AL; Brett M Kissela, Univ of Cincinnati, Cincinnati, OH; George Howard, Julie Locher, Virginia J Howard, Univ of Alabama Birmingham, Birmingham, AL; P K Newby, Boston Univ, Boston, MA; James M Shikany, Univ of Alabama Birmingham, Birmingham, AL

Is the Rate of Ischemic Stroke Incidence Changing Differentially Over Time for Women and Men?
Jane C Khoury, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Brett Kissela, Univ of Cincinnati Medical Ctr, Cincinnati, OH; Heidi Sucharew, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Kathleen Alwell, Charles Muomaw, Daniel Woo, Matthew Flaherty, Ope Adeoye, Pooja Khatri, Univ of Cincinnati Medical Ctr, Cincinnati, OH; Simona Fertoli, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Joseph Broderick, Univ of Cincinnati Medical Ctr, Cincinnati, OH; Dawn Kleindorfer, CinCUniv of Cincinnati Medical Ctr, Cincinnati, OH
1:30 Cerebral Microbleeds: Prevalence and Risk Factors in the Framingham Study
Jose R Romero, Sarah R Preis, Alexa S Beiser, Boston Univ Sch of Med, Boston, MA; Anand Viswanathan, Sergi Martinez-Ramirez, Harvard Univ, Boston, MA; Carlos S Kase, Philip A Wolf, Boston Univ Sch of Med, Boston, MA; Charles DeCarli, Univ of California-Davis, Davis, CA; Sudha Seshadri, Boston Univ Sch of Med, Boston, MA

1:42 Cannabis, Ischemic Stroke and Transient Ischemic Attack: A Case Control Study
P Alan Barber, Heidi Pridmore, Venkatesh Krishnamurthy, University of Auckland, Auckland, New Zealand; Sally Roberts, David A Spriggs, Auckland Hosp, Auckland, New Zealand; Kristie Carter, University of Otago, Wellington, New Zealand; Neil E Anderson, Auckland Hosp, Auckland, New Zealand

1:54 Discussion
Session IX: Concurrent F
Vascular Biology in Health and Disease Oral Abstracts
Room 312
Moderators: Gregory Bix, MD, PhD, Lexington, KY

12:30 Intensive Lipid Lowering Therapy Using Rosuvastatin Associates with Greater Atherosclerotic Aortic Plaques Regression – A Magnetic Resonance Imaging Study
Makiko Yogo, Makoto Ayaori, Hiroki Sato, Natl Defense Medical Coll, Saitama, Japan; Teruyoshi Kihara, Iruma Heart Hosp, Saitama, Japan; Sasaki Makoto, Maki Iizuka, Shunichi Takiguchi, Harumi Uto-Kondo, Emi Yakushiji, Kazuhiro Nakaya, Tomohiro Komatsu, Natl Defense Medical Coll, Saitama, Japan; Yukihiro Momiya, Natl Hosp Organization Tokyo Medical Ctr, Tokyo, Japan; Masayoshi Nagata, Iruma Heart Hosp, Saitama, Japan; Yasuyuki Iguchi, The Jikei Univ Sch of Med, Tokyo, Japan; Katsunori Iketaki, Natl Defense Medical Coll, Saitama, Japan

12:42 Endothelial NADPH Oxidase 4 Worsens Ischemic Stroke by Suppressing eNOS Activity
Koichi Arimura, Tetsuro Ago, Ataru Nishimura, Junya Kuroda, Hiroshi Sugimori, Masahiro Kamouchi, Dept of Med and Clinical Science, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan; Tomio Sasaki, Dept of Neurosurgery, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan; Takanari Kitazono, Dept of Med and Clinical Science, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan

12:54 Protein Nitration Impairs Myogenic Reactivity of Cerebral Vessels in Both Ischemic & Non-ischemic Hemispheres
Maha M Coucha, Weiguo Li, Georgia Health Sciences Univ, Augusta, GA; Susan C Fagan, Univ of Georgia Coll of Pharmacy, Augusta, GA; Adviye Ergul, Georgia Health Sciences Univ, Augusta, GA

1:06 The Effects of Obstructive Sleep Apnea on the Cerebral Vascular Wall
Robert M Bryan Jr, Randy F Crossland, David J Durgan, Baylor Coll of Med, Houston, TX

1:18 Unleashed intracellular Ca2+ Releases From Ryanodine Receptor-2 Plays An Important Role In Diabetic Cerebral Vasoconstriction
Yun-Min Zheng, Yong-Xiao Wang, Albany Medical Coll, Albany, NY

1:30 The Role of Contralateral Cerebrovascular Myogenic Dysfunction in Hyperglycemic Stroke
Maha M Coucha, Weiguo Li, Georgia Health Sciences Univ, Augusta, GA; Sherif Hafez, Susan C Fagan, Univ of Georgia Coll of Pharmacy, Augusta, GA; Adviye Ergul, Georgia Health Sciences Univ, Augusta, GA
1:42 Protection from Transient Focal Cerebral Ischemia by Transfusion of Polynitroxylated Pegylated Hemoglobin
Jian Zhang, Suyi Cao, Johns Hopkins Univ, Baltimore, MD; Li Ma, Georgia Southern Univ, Statesboro, GA; Carleton J Hsia, SynZyme Technologies, LLC, Irvine, CA; Raymond C Koehler, Johns Hopkins Univ, Baltimore, MD

1:54 Discussion
Session IX: Concurrent G Late-Breaking Science Oral Abstracts Kalakaua Ballroom B

Moderators: TBD

12:30 Mistie Trial: 365-day Results Demonstrate Improved Outcomes and Cost Benefit
Daniel F Hanley, Karen Lane, Johns Hopkins Univ, Baltimore, MD; William C Broadus, Virginia Commonwealth Univ, Richmond, VA; E Francois Aldrich, Univ of Maryland, Baltimore, MD; Christine Wijman, Robert Dodd, Stanford Univ Sch of Med, Palo Alto, CA; Jean-Louis Caron, Univ of Texas, San Antonio, San Antonio, TX; Paul Camarata, St Luke’s Hosp, Kansas City, MO; Judy Huang, Johns Hopkins Medical Inst, Baltimore, MD; Byron Bailey, Charleston Neurosurgical Associates, Roper St Francis Physicians, Charleston, NC; Marc LaPointe, Medical Univ of South Carolina, Charleston, NC; Joshua B Bederson, Henry Moyle, Mount Sinai Medical Ctr, New York, NY; Thomas Steinke, Martin Gizzó, New Jersey Neuroscience Inst at JFK Medical Ctr, Edison, NJ; Richard E Temes, Shaua T O’Leary, Rush Univ, Chicago, IL; A David Mendelow, Newcastle Univ, Newcastle upon Tyne, United Kingdom; Khaled Aziz, Allegheny General Hosp, Pittsburgh, PA; David Sinclair, Montreal Neurological Inst at McGill Univ, Montreal, QC, Canada; Mark Harrigan, Univ of Alabama at Birmingham, Birmingham, AL; George Lopez, Univ of Texas, Houston, Houston, TX; Fernando Goldenberg, Univ of Chicago, Chicago, IL; Inam Kureshi, Hartford Hosp, Hartford, CT; Sven Poli, Thorsten Steiner, Berk Orakcioglu, Universitätsklinik Heidelberg, Heidelberg, Germany; Rick Thompson, Carol Thompson, Gayane Yenokyan, Kevin Frick, John Muschelli, Johns Hopkins Sch of Public Health, Baltimore, MD; Amanda Bistran-Hall, Johns Hopkins Univ, Baltimore, MD; Issam Awad, Univ of Chicago, Chicago, IL; Mario Zuccarello, Univ of Cincinnati, Cincinnati, OH

12:42 Intraoperative CT-Guided Endoscopic Surgery for ICH (ICES) LB2
Paul Vespa, UCLA, Los Angeles, CA; Amanda Bistran-Hall, Daniel Hanley, JHMI, Baltimore, MD; Allan Hoffer, Case Western Reserve, Cleveland, OH; Jonathan Engh, Univ of Pittsburgh, Pittsburgh, PA; Robert Carter, UCSF, San Diego, CA; Peter Nakaji, Barrows Neurological Inst, Phoenix, AZ; Chris Ogilvy, MGH, Boston, MA; Jack Jallo, Thomas Jefferson Univ, Philadelphia, PA; Neil Martin, UCLA, Los Angeles, CA

12:54 Qualifying and Outcome Strokes in the RESPECT PFO Trial: Additional Evidence of Treatment Effect LB3
Jeffrey L Saver, Geffen Sch of Med at UCLA, Los Angeles, CA; David Thaler, Tufts Medical Ctr, Boston, MA; Richard Smalling, Univ of Texas Medical Sch - Houston, Houston, TX; John Carroll, Univ of Colorado, Denver, CO; Scott Berry, Berry Consultants, Austin, TX; Lee MacDonald, South Denver Cardiology, Littleton, CO; David Marks, Medical Coll of Wisconsin, Milwaukee, WI; David Tirschwell, Univ of Washington, Seattle, WA; Diane Book, Medical Coll of Wisconsin, Milwaukee, WI; Larry B Goldstein, Duke Univ Medical Ctr, Durham, NC; for the RESPECT Trialists

1:06 Combined Approach to Lysis Utilizing Eptifibatide and rt-PA in Acute Ischemic Stroke-Enhanced Regimen (CLEAR-ER) Stroke Trial LB4
Opeolu Adeoye, Pamela Schmit, Univ of Cincinnati, Cincinnati, OH; Jane Khoury, Cincinnati Children’s Hosp Medical Ctr, Cincinnati, OH; Joseph Broderick, Univ of Cincinnati, Cincinnati, OH; Heidi Sucharew, Cincinnati Children’s Hosp Medical Ctr, Cincinnati, OH; Arthur Pancioli, Univ of Cincinnati, Cincinnati, OH; The CLEAR-ER Investigators
1:18 Prolonged Ambulatory Cardiac Monitoring Improves the Detection and Treatment of Atrial Fibrillation in Patients with Cryptogenic Stroke: Primary Results from the EMBRACE Multicenter Randomized Trial

David J Gladstone, Sunnybrook Res Inst, Sunnybrook Health Sciences Ctr, Univ of Toronto, Toronto, ON, Canada; Melanie Spring, Trillium Health Ctr, Mississauga, ON, Canada; Paul Dorian, St Michael’s Hosp, Univ of Toronto, Toronto, ON, Canada; Val Panzov, Li Ka Shing Knowledge Inst of St Michael’s Hosp, Toronto, ON, Canada; Kevin Thorpe, Li Ka Shing Knowledge Inst of St Michael’s Hosp, Univ of Toronto, Toronto, ON, Canada; Judith Hall, Haris Vaid, Li Ka Shing Knowledge Inst of St Michael’s Hosp, Toronto, ON, Canada; Martin O’Donnell, Nati Univ of Ireland, Galway, Ireland, ON, Canada; Andreas Laupacis, Li Ka Shing Knowledge Inst of St Michael’s Hosp, Univ of Toronto, Toronto, ON, Canada; Robert Cote, Montreal General Hosp, McGill Univ, Montreal, QC, Canada; Mukul Sharma, The Ottawa Hosp, Univ of Ottawa, Ottawa, ON, Canada; John Blakely, York Central Hosp, Univ of Toronto, Toronto, ON, Canada; Ashfaq Shuaib, Walter C Mackenzie Health Sciences Ctr, Univ of Alberta, Edmonton, AB, Canada; Vladimir Hachinski, London Health Sciences Ctr, Univ of Western Ontario, London, ON, Canada; Shelagh B Coutts, Foothills Hosp, Univ of Calgary, Calgary, AB, Canada; Demetrios J Sahlas, Hamilton Health Sciences Ctr, McMaster Univ, Hamilton, ON, Canada; Samuel Yip, Philip Teal, Vancouver Hosp and Health Sciences Ctr, Univ of British Columbia, Vancouver, BC, Canada; David Spence, Robarts Res Inst, Univ of Western Ontario, London, ON, Canada; Brian Buck, Grey Nuns Hosp, Univ of Alberta, Edmonton, AB, Canada; Steve Verreault, CHA-Hop de l’Enfant Jesus, Greenfield Park, QC, Canada; Leanne K Casaubon, Univ Health Network, Univ of Toronto, Toronto, ON, Canada; Andrew Penn, Vancouver Island Health Authority, Victoria, BC, Canada; Daniel Selchen, St Michael’s Hosp, Univ of Toronto, Toronto, ON, Canada; Albert Jin, Kingston General Hosp, Kingston, ON, Canada; David Howse, Thunder Bay Regional Health Sciences Ctr, Thunder Bay, ON, Canada; Manu Mehdiratta, Trillium Health Ctr, Mississauga, ON, Canada; Karl Boyle, Richard Aviv, Moira Kapral, Univ of Toronto, Toronto, ON, Canada; Muhammad Mammadli, Li Ka Shing Knowledge Inst of St Michael’s Hosp, Univ of Toronto, Toronto, ON, Canada; for the EMBRACE Study Investigators and Coordinators

1:30 Results of the Membrane-Activated Chelator Stroke Intervention (MACSI) Randomised Trial of DP-b99 in Acute Ischaemic Stroke

Kennedy R Lees, Univ of Glasgow Med, Glasgow, United Kingdom; Natan Bornstein, Sourasky Medical Ctr Tel Aviv Univ, Tel Aviv, Israel; Hans-Christoph Diener, Univ of Duisburg-Essen, Essen, Germany; Philip B Gorelick, Univ of Illinois Coll of Med at Chicago, Chicago, IL; Gilad Rosenberg, D-Pharm Ltd, Rehovot, Israel; Ashfaq Shuaib, Univ of Alberta, Edmonton, AB, Canada; MACSI Investigators

1:42 Final Results of the Solitaire FR Thrombectomy for Acute Revascularization (STAR) – Prospective, Multi-Centre, Controlled Clinical Trial in EU, Australia, and Canada

Vitor M Pereira, Univ Hosp of Geneva, Geneva, Switzerland; Jan Gralla, Inselspital, Bern, Switzerland; Alain Bonafé, CHU de Montpellier - Guy de Chauliac, Montpellier, France; Rene Chapot, Alfried Krupp Krankenhaus, Essen, Germany; Michael Besselman, Klinikum Osnabrück GmbH Standort Finkenhügel, Osnabrück, Germany; Antonio Moreno, Hosp Virgen de la Arrixaca, Murcia, Spain; Carlos Castano, Antoni DaValos, Hosp Univri Germans Trias i Pujol, Badalona, Barcelona, Spain; Mayank Goyal, Univ of Calgary - Foothills Medical Ctr, Calgary, AB, Canada; Luis Lopez-Ibor, Hosp Clinico Universitario San Carlos de Madrid, Madrid, Spain; Juan Macho, Hosp Clinico Provincial Barcelona, Barcelona, Spain; Ferdinand Mittef, Royal North Shore Hosp, Sydney, Switzerland; Monica Killer Oberpflazer, Christian Doppler Klinik Salzburg, Salzburg, Austria; Thomas Liebig, Uniklinik Koeln, Koeln, Germany; Michel Piotin, Fondation Rothschild, Paris, France; Gerhard Schroth, Inselspital, Bern, Switzerland

1:54 Discussion
Session X: Concurrent Symposia A
Enhancing Stroke Rehabilitation: Engaging the “Brain Reward System”
Room 316 BC
Moderators: Gottfried Schlaug, MD, PhD, Boston, MA
Steven C Cramer, MD, Orange, CA
2:30 Basic Principles and Neural Pathways of the Brain Reward System
2:49 Lessons Learnt from Rewarding the Brain (the Psychiatry Experience)
3:08 Virtual Reality Gaming Technology Engaging the Brain Reward System in Stroke Rehabilitation
Gustavo Saposnik, MD, MSc, FAHA, Toronto, ON, Canada
3:27 Reward Improves Memory Retention and Motor Function
Leonardo Cohen, MD, Bethesda, MD
3:45 Discussion

Session X: Concurrent Symposia B
Ethical Decisions on Life Sustaining Treatments after Severe Stroke
Kalakaua Ballroom A
Moderators: Eric Juettler, MD, MSc, Ulm, Germany
Darin Zahuranec, MD, Ann Arbor, MI
2:30 Prognostic Uncertainty after Severe Stroke
Claire Greutzfeldt, MD, Seattle, WA
2:49 Communication, Shared Decision-making and Surrogate Decision Makers
Robert G Holloway, MD, MPH, Rochester, NY
3:08 Life-sustaining Treatment in Severe Stroke: Health Care System Concerns
James Gordon, MD, FRCPC, FAAN, Seattle, WA
3:27 Palliative Care and End-of-Life Decisions in Stroke
J Claude Hemphill, MD, MS, FAAN, San Francisco, CA
3:45 Discussion

Session X: Concurrent Symposia C
IMS III: Results and Perspective
Kalakaua Ballroom B
Moderators: Patrick Lyden, MD, Los Angeles, CA
Kennedy R Lees, MD, Glasgow, United Kingdom
2:30 IMS III: Overall Results and Major Subgroup Comparisons
Joseph Broderick, MD, Cincinnati, OH
2:45 IMS III: Comparison of Outcomes between IV and IV/IA Treatment in Baseline CTA Confirmed ICA, M1, M2 and Basilar Occlusions
Andrew M Demchuk, MD, Calgary, AB, Canada
3:00 Comparison of Outcomes by IA Approach and Interpretation in Light of Comparative Trials
Thomas Tomsick, MD, Cincinnati, OH
3:15 The Role of Endovascular Treatment in International Healthcare Systems: Global Variations in the Standard of Care
Stephen M Davis, MD, FRCP, Edin FRACP, FAHA, Victoria, Australia
3:30 The Future for Randomized Trials of Endovascular Approaches to Acute Ischemic Stroke
Keith Muir, MB, MD, FRCP, Glasgow, United Kingdom

3:45 Discussion
Session X: Concurrent Symposia D
MicroRNAs in Cardio and Cardio & Cerebrovascular Disease
Room 312
Moderator: Kathryn J Moore, PhD, New York, NY

2:30 miR-181 Regulates Stress Protein, Apoptosis Regulatory Proteins and Outcome from Cerebral Ischemia
Rona G Giffard, PhD, MD, Stanford, CA

2:49 miR-33 as a Therapeutic Target in Cardiometabolic Disease
Katey Rayner, PhD, New York, NY

3:08 miR-29 Is a Pro-survival microRNA that Limits Infarct Size after Stroke
Raghu Vemuganti, PhD, Madison, WI

3:27 RNA Links Activation of COX-2 with Other Pro-inflammatory Genes and May Impact Drug Development and Disease
David Corey, PhD, Dallas, TX

3:45 Discussion
Session X: Concurrent Symposia E
State Stroke Systems of Care: Where’s the Beef?
Room 313 BC
Moderators: Eric Aldrich, MD, PhD, Baltimore, MD
Jeffrey L Saver, MD, FAHA, FAAN, Los Angeles, CA

2:30 “The Situation Room”: Current Stroke System Implementation in the US
Lee H Schwamm, MD, FAHA, Boston, MA

2:49 “All in the Family”: Roles and Responsibilities of Comprehensive Stroke Centers and Acute Stroke Ready Hospitals in the System of Care
Mark J Alberts, MD, FAHA, Chicago, IL

3:08 “Father Knows Best”: Certification, Reporting, Accountability and Outcomes for Stroke Centers in the US
Adam Kelly, MD, Rochester, NY

3:27 “West Wing”: How Might the “Return on Investment” (ROI) and Incentives for Hospital Participation Change in the Transition from Fee for Service to Population Health Management
Creagh Milford, DO, Boston, MA

3:45 Discussion
Session X: Concurrent F
Cerebrovascular Occlusive Disease Oral Abstracts II
Kalakaua Ballroom C
Moderators: David Fiorella, MD, PhD, Stony Brook, NY
Italo Linfante, MD, Miami, FL

2:30 No Increased Stroke Risk with Lower Blood Pressures in Hemodynamic Cerebral Ischemia
William J Powers, Univ of North Carolina Sch of Med, Chapel Hill, NC; William R Clarke, Univ of Iowa Coll of Public Health, Iowa City, IA; Robert L Grubb Jr, Tom O Videen, Washington Univ Sch of Med, St Louis, MO; Harold P Adams Jr, Univ of Iowa Carver Coll of Med, Iowa City, IA; Colin P Devic, Washington Univ Sch of Med, St Louis, MO; for the COSS Investigators
2:42 SAMMPRIS Angiography Discloses Hemodynamic Effects of Intracranial Stenosis: Computational Fluid Dynamics of Fractional Flow
David S Liebeskind, Albert K Fong, Fabien Scalzo, UCLA, Los Angeles, CA; Michael J Lynn, Emory Univ Sch of Public Health, Atlanta, GA; Colin P Derdeyn, Washington Univ Sch of Med in St Louis, St Louis, MO; David J Fiorella, Stony Brook Univ Medical Ctr, Stony Brook, NY; Harry J Cloft, Mayo Clinic, Rochester, MN; Marc I Chimowitz, Medical Univ of South Carolina, Charleston, SC; Edward Feldmann, Tufts Univ Sch of Med, Boston, MA; for the SAMMPRIS Investigators

Validation Of Quantitative EEG In The Assessment Of Cerebral Vasodilatory Reserve In Patients With Severe Stenosis of Intracranial Internal Carotid Or Middle Cerebral Artery
Rahul Rathakrishnan, Leonard L Yeo, Aftab Ahmad, Phillip Seow, Arvind Sinha, Vijay Sharma, NUHS, Singapore, Singapore

Magnetic Resonance Angiography Signal Intensity as a Marker of Hemodynamic Impairment in Intracranial Arterial Stenosis
Xinyi Leng, Ks Sing Wong, Yannie Soo, Thomas Leung, Xinying Zou, The Chinese Univ of Hong Kong, Shatin, Hong Kong; Yongjun Wang, Capital Medical Univ, Beijing, China; Edward Feldmann, Brown Univ Sch of Med, Providence, RI; Liping Liu, Capital Medical Univ, Beijing, China; David Liebeskind, Univ of California, Los Angeles, Los Angeles, CA

Symptomatic MCA Plaque Enhancement on High Resolution MRI
Chang-Woo Ryu, Kyung Jin Lee, Geon-Ho Jahng, Kyung Hee Univ Hosp at Gangdong, Seoul, Korea, Republic of

Frequency of Ideal Cardiovascular Health Metrics in the SAMMPRIS Trial
Fadi Nahab, Emory Univ, Atlanta, GA; Tanya Turan, Medical Univ of South Carolina, Charleston, SC; Michael Lynn, Emory Univ, Atlanta, GA; Seemant Chaturvedi, Wayne State Univ, Detroit, MI; Colin Derdeyn, Washington Univ, St Louis, MO; David Fiorella, State Univ of New York, Stony Brook, Stony Brook, NY; SCOTT Janis, NINDS, NIH, Bethesda, MD; Bethany Lane, Jean Montgomery, Emory Univ, Atlanta, GA; Marc Chimowitz, Medical Univ of South Carolina, Charleston, SC

Do Baseline Risk Factor Differences Explain the Variation in Results Between SAMMPRIS and WASID?
Seemant Chaturvedi, Wayne State Univ, Detroit, MI; Mike Lynn, Emory Univ, Atlanta, GA; Tanya Turan, Medical Univ of South Carolina, Charleston, SC; Bethany Lane, Jean Montgomery, Emory Univ, Atlanta, GA; Colin Derdeyn, Washington Univ, St Louis, MO; David Fiorella, SUNY, Stony Brook, NY; Scott Janis, NINDS, Bethesda, MD; Marc Chimowitz, Medical Univ of South Carolina, Charleston, SC; for the WASID and SAMMPRIS Study Groups

3:42 Do Baseline Risk Factor Differences Explain the Variation in Results Between SAMMPRIS and WASID?
Seemant Chaturvedi, Wayne State Univ, Detroit, MI; Mike Lynn, Emory Univ, Atlanta, GA; Tanya Turan, Medical Univ of South Carolina, Charleston, SC; Bethany Lane, Jean Montgomery, Emory Univ, Atlanta, GA; Colin Derdeyn, Washington Univ, St Louis, MO; David Fiorella, SUNY, Stony Brook, NY; Scott Janis, NINDS, Bethesda, MD; Marc Chimowitz, Medical Univ of South Carolina, Charleston, SC; for the WASID and SAMMPRIS Study Groups

Discussion
Session X: Concurrent G Junior Investigator Session II Room 315
Moderators: S Claiborne Johnston, MD, FAHA, San Francisco, CA Jin-Moo Lee, MD, PhD, St Louis, MO
3:06 TIA-MEOUT: Transient Ischemic Attack – Management in an Emergency Observation Unit Trial
Matthew Stephen Siket, MD, MS, Cranston, RI

3:11 Discussant

3:16 Q&A

3:24 Post-conditioning with Isoflurane after Ischemia Induces Tolerance to Injury
Saeid Taheri, PhD, Charleston, SC

3:29 Discussant

3:34 Q&A

3:42 A Randomized Controlled Trial (RCT) of Anti-coagulation Therapy in Neonatal Cerebral Sinovenous Thrombosis (NCSVT)
Mahendranath Moharir, MD, MSc, FRACP, Toronto, ON, Canada

3:47 Discussant

3:52 Q&A

4:00 pm – 4:15 pm
Short Break

4:15 pm – 5:15 pm
Poster Sessions
Poster Hall, Hall I

4:15 pm – 4:45 pm
Professor-Led Poster Tours by Category:
Moderated Q&A with Poster Presenters
Moderated Posters T MP1 – T MP120; see pg 164 in the Poster Abstract Index for a complete listing of all the posters in this Thursday Professor-Led Poster Tour session.

4:45 pm – 5:15 pm
Regular Poster Session:
One-on-One Time for an Individual Q&A with Poster Presenters
These posters are not included in the 4:15 Professor-Led Poster Tour Session above.
Posters T P1 – T P447; see pg 181 in the Poster Abstract Index for a complete listing of all the posters in this Thursday session.
FAHAs and other stroke leaders – please be sure to show your support for young investigators and attend the poster sessions.
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These webinars cover important topics in the cerebrovascular disease field, especially those with recent advances that will impact clinicians and researchers.

The intention of the webinars is to provide participants with current and novel information on high impact topics. Acknowledged thought leaders relevant to the topic under discussion present a structured lecture with corresponding slides. During the live webinar, participants have the opportunity to pose questions to the speaker after the formal presentation.

http://stroke.ahajournals.org/site/misc/Stroke_Webinars.xhtml
FRIDAY, FEBRUARY 8

6:30 am – 8:00 am

Session XI: Concurrent Symposia A
Platelet Transfusion in ICH: Are We Helping or Hurting Our Patients? (Debate)
Room 316 BC
Moderator: Joshua Goldstein, MD, PhD, FAHA, Boston, MA
6:30 Why You SHOULD Use Platelet Transfusion to Manage ICH Patients
E Sander Connolly, Jr, MD, FAHA, New York, NY
6:55 Why You SHOULD NOT Use Platelet Transfusion to Manage ICH Patients
James C Grotta, MD, FAHA, Houston, TX
7:20 Platelet Transfusion in ICH While on Aspirin: It Is Time for a Trial!
Yvo Roos, MD, PhD, Amsterdam, Netherlands
7:45 Discussion

Session XI: Concurrent Symposia B
Defending the Stroke Guidelines Session
Room 313 BC
Moderators: Alejandro Rabinstein, MD, Rochester, MN
Karen L Furie, MD, MPH, FAHA, Providence, RI
6:30 Guideline and Scientific Statement Development
Alejandro Rabinstein, MD, Rochester, MN
6:45 Management of Aneurysmal Subarachnoid Hemorrhage
Alejandro Rabinstein, MD, Rochester, MN
7:05 The Inclusion of Stroke as an Outcome and Equivalent in Risk Scores for Primary and Secondary Prevention of Vascular Disease
Daniel T Lackland, BA, DPH, FAHA, Mt Pleasant, SC
7:25 Oral Anticoagulant Agents for the Prevention of Stroke in Atrial Fibrillation
Karen L Furie, MD, MPH, FAHA, Providence, RI
7:45 Guidelines and Statements Under Development
Alejandro Rabinstein, MD, Rochester, MN

Session XI: Concurrent Symposia C
Integrated Healthcare Delivery Systems: Worldwide Examples for Improving Stroke Care and Outcomes
Kalakaua Ballroom C
Moderators: Dawn Bravata, MD, Indianapolis, IN
Gustavo Saposnik, MD, MSc, FAHA, Toronto, ON, Canada
6:30 City-wide Stroke Improvements: London
Anthony Rudd, MA, MB, BChir, FRCP, London, United Kingdom
6:49 Emergency Care Systems for Stroke in Southeast Asia
Colin A Graham, MD, FCCP, FRCPEd, Shatin, Hong Kong
7:08 National Health System Stroke Improvement: Sweden
Bo Norrving, MD, PhD, FESC, Lund, Sweden
7:27 Nationwide Stroke System Improvement: Veterans Health Administration
Linda Williams, MD, Indianapolis, IN

7:45 Discussion

Session XI: Concurrent Symposia D
Outcomes from Stroke in the Developing or the Mature Brain: The Impact of Age
Room 315

Moderators: Rebecca N Ichord, MD, Philadelphia, PA
Anneli Kolk, PhD, MD, Tartu, Estonia

6:30 What Can Animal Models Teach Us about Age-related Recovery from Focal Brain Injury
Jerome Yager, MD, Edmonton, AB, Canada

6:49 Comparing Clinical Outcomes after Neonatal, Childhood and Adult Stroke
Finbar Joseph O’Callaghan, MA (Oxon) MB, ChB, MSc, PhD, FRCPCH, FRCP, Bristol, United Kingdom

7:08 The “Invisible” Deficits after Neonatal and Childhood Stroke
Robyn Westmacott, PhD, Toronto, ON, Canada

7:27 Measurement of Outcome in Children and Adult Stroke
Lori Jordan, MD, PhD, Nashville, TN

7:45 Discussion

Session XI: Concurrent E
Acute Endovascular Treatment Oral Abstracts II
Kalakaua Ballroom B

Moderators: Henry Woo, MD, Stony Brook, NY
Peter A Rasmussen, MD, Cleveland, OH

6:30 The Challenges of Decision-making Regarding Futility in a Randomized Trial: The IMS III Experience
Sharon D Yeatts, Renee’ H Martin, Lydia D Foster, Robert F Woolson, Medical Univ of South Carolina, Charleston, SC; Joseph P Broderick, Univ of Cincinnati, Cincinnati, OH; Yoko Y Palesch, Medical Univ of South Carolina, Charleston, SC

6:42 TICI Success Rates In Swift: Comparison Between Randomized Arms And Correlation To 90 Day Neurologic Outcome
Reza Jahan, David Liebeskind, UCLA Medical Ctr, Los Angeles, CA; Raul Nogueira, Emory Univ, Atlanta, GA; Jeffrey Saver, UCLA Medical Ctr, Los Angeles, CA; for SWIFT Investigators

6:54 Outcome Prediction After Endovascular Reperfusion Therapy For Acute Ischemic Stroke: The SNARL Score
Shyam Prabhakaran, Northwestern Univ, Chicago, IL; Kevin N Sheth, Univ of Maryland Sch of Med, Baltimore, MD; John B Terry, Wright State Univ, Dayton, OH; Raul G Nogueira, Emory Univ, Atlanta, GA; Anat Horev, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Thanh N Nguyen, Boston Univ Sch of Med, Boston, MA; Dheeraj Gandhi, Univ of Maryland Sch of Med, Baltimore, MD; Dolora Wisco, The Cleveland Clinic Fndn, Cleveland, OH; Brenda A Glenn, Emory Univ, Atlanta, GA; Ashis H Tayal, Allegheny General Hosp, Pittsburgh, PA; Bryan Ludwig, Wright State Univ, Dayton, OH; Muhammad S Hussain, The Cleveland Clinic Fndn, Cleveland, OH; Tudor G Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Paul F Clemmons, Vanderbilt Univ, Nashville, TN; Carolyn Cronin, Univ of Maryland Sch of Med, Baltimore, MD; Melissa Tian, Allegheny General Hosp, Pittsburgh, PA; Rishi Gupta, Emory Univ, Atlanta, GA

7:06 Is Sooner Better When It Comes To Carotid Artery Stenting In Patients With Transient Ischemic Attack (tia) Or Minor Stroke: Prospective Observational Study
Tareq Kass-Hout, Travis Dumont, maxim Mokin, omar Kass-Hout, Michael Wach, Kenneth Snyder, Adrian Siddiqui, Elad Levy, SUNY at Buffalo, Buffalo, NY
7:18 Clinical Outcome Strongly Associated with the Degree of Endovascular Reperfusion Achieved in Target Mismatch
Manabu Inoue, Maarten G Lansberg, Michael Mlynash, Matus Straka, Stephanie M Kemp, Aaryani Tipirneni, Roland Bammer, Michael P Marks, Gregory W Albers, Stanford University Medical Ctr, Palo Alto, CA; The DEFUSE 2 Investigators

7:30 Collateral Flow and ASPECTS of Infarct Evolution Dominate Time to Reperfusion in Outcomes of TREVO2
David S Liebeskind, Nerses Sanossian, UCLA, Los Angeles, CA; Tudor G Jovin, UPMC Stroke Inst, Pittsburgh, PA; Helmi L Lutsep, Oregon Stroke Ctr OHSU, Portland, OR; Rishi Gupta, Emory Univ Sch of Med, Atlanta, GA; Gary A Walker, Stryker Neurovascular, Mountain View, CA; Gregory W Albers, Stanford Univ Medical Ctr, Stanford, CA; Wade S Smith, Univ of California San Francisco, San Francisco, CA; Raul G Nogueira, Emory Univ Sch of Med, Atlanta, GA; for the TREVO2 Investigators

7:42 Prospective Nationwide Registry of Acute Stroke due to Large Vessel Occlusion in Japan
Shinichi Yoshimura, Gifu Univ, Gifu city, Japan; Nobuyuki Sakai, Kobe City Medical Ctr General Hosp, Kobe city, Japan; Yasushi Okada, Kyusyu Medical Ctr, Fukuoka city, Japan; Kazuo Kitagawa, Osaka Univ, Suita city, Japan; Kazumi Kimura, Kawasaki Medical Sch, Kurashiki city, Japan; Norio Tanahashi, Saitama Medical Univ Intl Medical Ctr, Hidaka city, Japan; Toshihiko Hyogo, Nakamura Memorial Hosp, Sapporo city, Japan; Hiroshi Yamagami, Natl Cerebral Cardiovascular Ctr, Saitama city, Japan; Yusuke Egashira, Gifu Univ, Gifu city, Japan; RESCUE-Japan Prospective Registry Group

7:54 Discussion
Session XI: Concurrent F Vascular Cognitive Impairment Oral Abstracts Room 312
Moderators: Lynda Lisabeth, PhD, FAHA, Ann Arbor, MI
Mary N Haan, MPH, DrPH, San Francisco, CA

6:30 Circulating Il-6 And Il-18 Levels Are Associated With The Risk Of Incident Dementia In Patients With Vascular Risk Factors
Kaori Miwa, Makiko Tanaka, Shuhei Okazaki, Shigetaka Furukado, Manabu Sakaguchi, Hideki Mochizuki, Kazuo Kitagawa, Osaka university, Suita, Japan

6:42 ApoE e4 Status and Incident Cognitive Decline among US Adults from the Reasons for Geographic and Racial Differences in Stroke (REGARDS) Study
Virginia G Wadley, Leslie A McClure, Univ of Alabama at Birmingham, Birmingham, AL; Sarah R Gillett, Univ of Vermont, Burlington, VT; Frederick W Unverzagt, Indiana Univ Sch of Med, Indianapolis, IN; Richard E Kennedy, Univ of Alabama at Birmingham, Birmingham, AL; Deborah A Levine, Univ of Michigan, Ann Arbor, MI; Brendan J Kelley, Brett M Kissela, Univ of Cincinnati, Cincinnati, OH; Mary Cushman, Univ of Vermont, Burlington, VT

6:54 CRP, IL-18, and BNP are Associated with Regional Brain Atrophy: Results from the Dallas Heart Study
Richard T Lucarelli, Amit Khera, Ronald M Peshock, Roderick McColl, Colby Ayers, Myron F Weiner, Kevin S King, University of Texas Southwestern Medical Sch, Dallas, TX

7:06 Vascular Predictors Of Cognitive Impairment In Patients With And Without Cardiovascular Disease: Results From Nhanes 1998–2001
Jose Gutierrez, Ronald M Lazar, Randolph S Marshall, Neurological Inst, New York, NY
7:18 Effect Of B-Vitamins On Cognition In Patients With Prior Stroke
Graeme J Hankey, Royal Perth Hosp, Perth, Australia; VITATOPS Trial Study Group

7:30 MRI Findings Associated with Neurocognitive Impairment One Year after Primary Intracerebral Hemorrhage in a Predominantly Black Cohort
Dorothy F Edwards, Univ of Wisconsin-Madison, Madison, WI; Laura German, Ravi S Memon, Georgetown Univ Sch of Med, Washington, DC; Jeffrey J Wing, Univ of Michigan, Ann Arbor, MI; Deirdra Tiffany, Nati Rehabilitation Hosp, Washington, DC; Stephen Fernandez, Medstar Res Inst, Washington, DC; Keisha Smith, Argosy Univ, Washington, DC; Anapurni Jayram-Trouth, Howard Univ, Washington, DC; M Christopher Gibbons, Johns Hopkins Univ, Baltimore, MD; Chelsea S Kidwell, Georgetown Univ Sch of Med, Washington, DC

7:42 Stroke and 10-year Risk of Dementia and Cognitive Impairment Among Older Mexican Americans
Elizabeth R Mayeda, Mary N Haan, John Neuhaus, Univ of California, San Francisco, San Francisco, CA

7:54 Discussion
The Growth Rate of Early DWI Lesions is Highly Variable and Associated with Penumbral Salvage and Clinical Outcomes Following Endovascular Reperfusion
Hayley M Wheeler, Michael Mlynash, Manabu Inoue, Aaryani Tipiremi, John Liggins, Nishant K Mishra, Greg Zaharchuk, Matus Straka, Stephanie Kemp, Roland Hammer, Maarten G Lansberg, Gregory W Albers, Stanford Univ, Stanford, CA; The DEFUSE 2 Investigators

MR Oxygen Metabolic Index (OMI) Thresholds for Delineating Core, Penumbra, and Oligemia in Acute Ischemic Stroke Patients

Early Perfusion Instability Profoundly Impacts Tissue Outcome in Acute Ischemic Stroke Patients
Hongyu An, Univ of North Carolina, Chapel Hill, NC; Andria L Ford, Washington Univ Sch of Med, Saint Louis, MO; Yasheng Chen, Univ of North Carolina, Chapel Hill, NC; Katie D Vo, Washington Univ, St Louis, MO; William J Powers, Univ of North Carolina, Chapel Hill, NC; Jin-Moo Lee, Washington Univ, St Louis, MO; Weili Lin, Univ of North Carolina, Chapel Hill, NC

Discussion
8:48 How Does the Intro-uterine Environment Influence the Neonatal?
Jennifer Armstrong-Wells, MD, MPH, Aurora, CO

9:07 The Influence of Low Birthweight on the Risk of Stroke in Childhood
Fenella J Kirkham, MA, MB, BChir, FRCPCH, London, United Kingdom

9:25 Discussion

Session XII: Concurrent Symposia C
Wake Up Stroke
Room 316 BC

Moderators:
Luisa Roveri, MD, Milan, Italy
Sean Savitz, MD, FAHA, Houston, TX

8:10 Epidemiology of Wake Up Stroke
Jason Mackey, MD, MS, Indianapolis, IN

8:29 Does Stroke Happen Upon Awakening?
Victor C Urrutia, MD, Baltimore, MD

8:48 Retrospective Studies of WUS and Thrombolytics
Dulka Manawadu, MD, London, United Kingdom

9:07 Prospective Studies of WUS and Thrombolytics: CT and MRI Selection Criteria
Andrew Barreto, MD, Houston, TX

9:25 Discussion

Session XII: Concurrent D
Vascular Malformations Oral Abstracts
Room 315

Moderators:
Aman B Patel, MD, New York, NY
Chirag D Gandhi, MD, Newark, NJ

8:10 Antithrombotic Therapy and Bleeding Risk in a Prospective Cohort Study of Patients with Cerebral Cavernous Malformations (CCM)
C Stapf, D Hervé, J P Guichard, D Bresson, Hôpital Lariboisière, Paris, France; A Soumaré, C Tzourio, INSERM U 709, Bordeaux, France; F Riant, E Tournier-Lasserve, H Chabriat, H M Schneble, Hôpital Lariboisière, Paris, France

8:22 Irradiation Induces Gene Expression Changes In Cultured Murine Brain Endothelial Cells
Newsha Raoufi-Rad, Hong Duong, Marcus Stoodley, Macquarie Univ, Sydney, Australia

8:34 New Predictive Scoring Scale for Prospective Symptomatic Hemorrhage of Cavernous Malformation in Adults
Jeong Eun Kim, Jin Sue Jeon, Jun Hyong Ahn, Jae Seung Bang, Young-Je Son, Seoul Natl Univ Coll of Med, Seoul, Korea, Republic of; Seung Hun Sheen, Hallym Univ Coll of Med, Chuncheon Sacred heart Hosp, Chuncheon, Korea, Republic of; Hyun-Seung Kang, Moon Hee Han, Chang Wan Oh, Seoul Natl Univ Coll of Med, Seoul, Korea, Republic of

8:46 Intra-Arterial Chemotherapy Opens New Horizons to Neurointerventional Surgeons
Nohra Chalouhi, Stavropoulou Tjoumakaris, Aaron S Dumont, L Fernando Gonzalez, Carol Shields, Carlos G Bianciotto, Robert Rosenwasser, Pascal Jabbour, Thomas Jefferson Univ, Philadelphia, PA

8:58 Constitutively Active Notch4 Elicits Brain Arteriovenous Malformations through Capillary Enlargement
Tyson N Kim, Patrick A Murphy, Lawrence Huang, UC San Francisco, San Francisco, CA; Chris B Schaffer, Cornell Univ, Ithaca, NY; Rong A Wang, UC San Francisco, San Francisco, CA
9:10 Clinical Factors Associated with Lesion Count in Familial Cerebral Cavernous Malformation Type 1 Patients with the Common Hispanic Mutation
Hélène Choquet, Jeff Nelson, Ludmila Pawlikowska, UCSF, San Francisco, CA; Amy Akers, Angioma Alliance, Durham, NC; Beth Baca, Yasir Khan, Blaine Hart, Leslie Morrison, UNM, Albuquerque, NM; Helen Kim, UCSF, San Francisco, CA

9:22 ARUBA – A Randomised Trial Of Unruptured Brain AVMs
C Stapf, APHP - Hôpital Lariboisière, Paris, France; A J Moskowitz, M K Parides, E Moquete, InCHOIR, Mount Sinai Sch of Med, New York, NY; C S Moy, NIH/NINDS, Bethesda, MD; E Vicaut, APHP - Hôpital Lariboisière, Paris, France; J P Mohr, Columbia Univ Med Ctr, New York, NY; and the international ARUBA investigators

9:34 Discussion
Session XII: Concurrent E Cerebrovascular Occlusive Disease Oral Abstracts III Kalakaua Ballroom B
Moderators: Carlos A Molina, MD, Barcelona, Spain Michael Froehler, MD, PhD, Los Angeles, CA

8:10 Repeated Doses of Dodecafluoropentane Emulsion Provide Neuroprotection Up to 24 Hours Following Cerebral Artery Occlusion in Rabbits
Sean D Woods, Robert D Skinner, Aliza T Brown, Aaron M Ricca, Univ of Arkansas for Medical Sciences, Little Rock, AR; Jennifer L Johnson, Evan C Unger, NuvOx Pharma LLC, Tucson, AZ; Michael J Borrelli, John D Lowery, William C Culp, Univ of Arkansas for Medical Sciences, Little Rock, AR

8:22 Neurorestorative Therapy For Stroke In Type 2 Diabetic Rats Using Bone Marrow Stromal Cells
Tao Yan, Michael Chopp, Alex Zacharek, Ruizhuo Ning, Cynthia Roberts, Jieli Chen, Henry Ford Hosp, Detroit, MI

8:34 Stroke in the WARCEF Trial
Patrick Pullicino, Univ of Kent, Canterbury, Kent, United Kingdom; JLP Thompson, Columbia Univ, New York, NY; Ralph L Sacco, Univ of Miami, Miami, FL; Alexandra R Sanford, Min Qian, JP Mohr, Shunichi Homma, Columbia Univ, New York, NY; for the WARCEF Investigators

8:46 Preliminary Clot Length Analysis of Anterior Circulation Large Vessel Occlusions:
Albert Yoo, MASSACHUSETTS GENERAL HOSP, Boston, MA; Donald Heck, Forsyth Medical Ctr; Winston-Salem, NC; Donald Frei, Swedish Medical Ctr, Englewood, CO; Osama Zaidat, Medical Coll of Wisconsin, Milwaukee, WI; Mario Aceves, Hope Buell, Sophia Kuo, Penumbra, Inc, Alameda, CA; Shervin Kamalian, Livia Morais, MASSACHUSETTS GENERAL HOSP, Boston, MA; for the Penumbra THERAPY Trial Investigators

8:58 Preliminary Results from the FIRST Trial: Natural History of Acute Stroke from Large Vessel Occlusion
Vallabh Janardhan, Ryan M Gianatasio, Sherman H Chen, Parita Bhuva, Mark M Murray, Patricia Santos, Anita Guthmann, Madhu B Vijayappa, Paul A Hansen, Vivek Misra, Texas Stroke Inst, Dallas-Fort Worth, TX; Raymond Cheung, Queen Mary Hosp, Hong Kong, Hong Kong; Thomas Leung, Prince of Wales Hosp, Hong Kong, Hong Kong; Iris Grunwald, Oxford Univ Hosp & Biomedical Res Ctr, Oxford, United Kingdom; Heather Hernandez, Leticia Barraza, Hope Buell, Sophia Kuo, Arani Bose, Siu Po Sit, Penumbra, Inc, Alameda, CA; for the Penumbra FIRST Trial Investigators
9:10 Reducing Frequency of Symptomatic Intracranial Hemorrhage in Patients With Acute Ischemic Stroke Treated by Recombinant Tissue-Plasminogen Activator; Interim Result of a Prospective Observational Cohort Study
Takenori Yamaguchi, Natl Cerebral and Cardiovascular Ctr, Suita, Osaka, Japan; Teruyuki Yamada, Toshinobu Hirota, Mitsubishi Tanabe Pharma Corp, Osaka, Japan; Norio Tanabashi, Saitama Medical Univ Int Med Ctr, Hidaka, Saitama, Japan

9:22 Multicenter Experience of Acute Ischemic Strokes in Patients on Dabigatran Etxelate
Navdeep S Sangha, Kaiser Permanente, Los Angeles Medical Ctr, Los Angeles, CA; Claude Nguyen, Univ of Texas, Houston, Houston, TX; Albert Fong, Mark S Johnsson, Univ of California, Los Angeles, Los Angeles, CA; Shilee S Song, Cedars Sinai Hosp, West Hollywood, CA; Renga Pandurengan, Univ of Texas, Houston, Houston, TX; Patrick D Lyden, Cedars Sinai Hosp, West Hollywood, CA; James C Grotta, Univ of Texas, Houston, Houston, TX; David S Liebeskind, Univ of California, Los Angeles, Los Angeles, CA

9:34 Discussion
Session XII: Concurrent E Outcomes, Quality and Health Services Research Oral Abstracts II Room 313 BC
Moderators: Jennifer Juhl Majersik, MD, Salt Lake City, UT Sharon Poisson, MD, Aurora, CO

8:10 Do the CHADS2, CHA2 DS2-VASc and HAS-BLED Scores Predict Recurrent Stroke and GI Bleeding in Patients with Acute Ischemic Stroke or TIA and Atrial Fibrillation? Frank L Silver, Univ of Toronto, Toronto, ON, Canada; Melissa Stamplecoski, Jiming Fang, Inst for Evaluative Sciences, Toronto, ON, Canada; Moira K Kapral, Univ of Toronto, Toronto, ON, Canada

8:22 PFO and Recurrent Stroke: Predictors Differ In Patients With “Probable Pathogenic” Versus Other PFOs David E Thaler, Robin Ruthazer, Tufts Medical Ctr, Boston, MA; Emanuele Di Angelantonio, Cambridge Univ, Cambridge, United Kingdom; Marco R Di Tullio, Columbia Univ, NYC, NY; Jennifer S Donovan, Tufts Medical Ctr, Boston, MA; Mitchell S Elkind, Columbia Univ, NYC, NY; John Griffith, Tufts Medical Ctr, Boston, MA; Shunichi Homma, Columbia Univ, NYC, NY; Cheryl Jaigobin, Univ of Toronto, Toronto, ON, Canada; Jean-Louis Mas, Hôpital Sainte-Anne, Paris-Des cartes Univ, Paris, France; Heinrich P Mattle, Inselspital, Univ of Bern, Bern, Switzerland; Patrik Michel, Ctr Hospier Universite de Lauzanne, Lausanne, Switzerland; Marie-Luise Mono, Inselspital, Univ of Bern, Bern, Switzerland; Krassen Nedeltchev, Triemli Municipal Hosp, Zurich, Switzerland; Federica Papetti, “Sapienza” Univ of Rome, Rome, Italy; Joaquin Serena, Hosp Univiri Doctor Josep Trueta Inst d’Investigacion Biomédica de Girona, Girona, Spain; Christian Weimar, Univ of Duisburg-Essen, Essen, Germany; David M Kent, Tufts Medical Ctr, Boston, MA

8:34 Stroke After Aortic Valve Surgery: Results From A Prospective Cohort
Steven R Messe, Michael A Acker, Scott E Kasner, Michelle Bibelio, Molly Fanning, Univ of Pennsylvania, Philadelphia, PA; Tania Giovannetti, Temple Univ, Philadelphia, PA; Thomas F Floyd, Stony Brook Univ, Stony Brook, NY

8:46 Adherence to Guidelines: Are Ischemic Stroke Patients Receiving Guideline-Concordant Cardiac Stress Testing?
Jason Sico, Yale New Haven Hosp, New Haven, CT; Laura J Myers, Linda S Williams, Dawn M Bravata, Richard L Roudebush VA Med Ctr, Indianapolis, IN
8:58 Effect of Statin Treatment Before and After Hospitalization on Mortality Following Acute Ischemic Stroke: Importance of Confounding by Stroke Severity and Palliative Care
Mathew J Reeves, Michigan State Univ, East Lansing, MI; Moira Kapral, Inst of Clinical Evaluation Sciences (ICES), Toronto, ON, Canada; Jiming Fang, Inst of Clinical Evaluation Sciences (ICES), Toronto, ON, Canada; Eric E Smith, Dept of Clinical Neurosciences, Univ of Calgary, Calgary, AB, Canada; Dar Dowlatshahi, Univ of Ottawa, Ottawa Hosp Res Inst, Ottawa, ON, Canada; Mike Sharma, Div of Neurology, Dept of Med, Univ of Ottawa, Ottawa, ON, Canada

9:10 Cost-effectiveness Of Carotid Stenting In Canada
Mohammed Almekhlafi, Fiona Clement, Michael D Hill, Univ of Calgary, Calgary, AB, Canada

9:22 Longterm Assessment Is Important in Patients Undergoing Decompressive Craniectomy for Malignant Middle Cerebral Artery Infarction
Rohit Bhatia, Vinod Rai, Shaily Singh, M V Padma, Kameshwar Prasad, Manjari Tripathi, Mamta Bhushan Singh, Ashish Suri, All India Inst of Medical Sciences, New Delhi, India

9:34 Discussion

Session XII: Concurrent G Preventive Strategies Oral Abstracts Kalakaua Ballroom C
Moderator: Karen L Furie, MD, MPH, FAHA, Providence, RI

8:10 Blood Pressure Reduction And Stroke Recurrence: The Progress Trial

8:22 Risk of Intracranial Hemorrhage with Protease-activated Receptor-1 Antagonists
Meng Lee, Chang Gung Univ and Hosp, Chiaiyi, Taiwan; Jeffrey L. Saver, UCLA Stroke Ctr, Los Angeles, CA; Keun-Sik Hong, Ilsen Paik Hosp, Inje Univ, Gimhae, Korea, Republic of; Hsiu-Chuan Wu, Chang Gung Univ and Hosp, Taoyuan, Taiwan; Bruce Ovbiagele, Medical Univ of South Carolina, Charleston, SC

8:34 Cerebrovascular Events In Patients With Chronic Kidney Disease On Erythropoiesis Stimulating Agent
Ali Rad, capital health system, levittown, PA; Shubham Misra, Karine Karapetyan, capital health system, TRENTON, NJ; Rajan Garg, capital health system, TRENTON, NJ

8:46 Vorapaxar in Patients with Prior Ischemic Stroke: Primary Results from the Stroke Cohort of the Multinational TRA 2°P-TIMI 50 Trial
David A Morrow, Brigham & Women’s Hosp, Boston, MA; Mark Alberts, Northwestern Univ, Chicago, IL; Jay P Mohr, Columbia Univ, New York, NY; Sebastian Ameriso, FLENI, Buenos Aires, Argentina; Marc Bonaca, Brigham & Women’s Hosp, Boston, MA; Shinya Goto, Tokai Univ, Isehara, Japan; Graeme J Hankey, Royal Perth Hosp, Perth, Australia; Sabina Murphy, Benjamin Scirica, Brigham & Women’s Hosp, Boston, MA; Philip Teal, Univ of British Columbia, Vancouver, BC, Canada; Eugene Braunwald, Brigham & Women’s Hosp, Boston, MA
8:58 No Independent Association Between Extended-Release Niacin (ERN) Therapy and Ischemic Stroke in Patients with Established Cardiovascular Disease: A Detailed Analysis from the AIM HIGH Trial
Koon Teo, McMaster Univ, Hamilton, ON, Canada; Larry B Goldstein, Duke Univ Medical Ctr, Durham, NC; Bernard R Chaitman, St Louis Univ, St Louis, MO; Shannon Grant, Axio Res, LLC, Seattle, WA; William S Weintraub, Christiana Care Health Services, Newark, DE; David C Anderson, Univ of Minnesota, Minneapolis, MN; Cathy A Sila, Case Western Reserve Univ Sch of Med, Cleveland, OH; Salvador Cruz-Flores, St Louis Univ, St Louis, MO; Robert J Padley, Abbott Labs, Abbott Park, IL; William J Kostuk, LHSC Univ Hosp, London, ON, Canada; Todd J Anderson, Univ of Calgary & Libin Cardiovascular Inst, Calgary, AB, Canada; William E Boden, Samuel S Stratton VA Medical Ctr, Albany, NY
9:10 Final Results of the Surprise Study: Long-term Monitoring For Atrial Fibrillation (AF) in Cryptogenic Stroke
Louisa M Christensen, Derk Krieger, Søren Højberg, Ole D Pedersen, Finn M Karlsen, Michael D Jacobsen, René Worch, Henrik Nielsen, Karen Agidius, Sverre Rosenbaum, Jakob Marstrand, Tor Biering-Sørensen, Lasse Willer, Hanne Christensen, Copenhagen Univ Hosp Bispebjerg, Copenhagen, Denmark
9:22 Stroke-Related Specific Mortality and Influencing Factors in Patients with Atrial Fibrillation in the RE-LY Trial
9:34 Discussion

9:40 am – 10:00 am
Short Break

10:00 am – 11:30 am
Session XIII: Plenary Session III
Hall III
Moderators: Steven M Greenberg, MD, PhD, FAHA, Boston, MA; Kyra Becker, MD, FAHA, Seattle, WA
10:00 The Secondary Prevention of Small Subcortical Strokes (SPS3) Trial: Results of the Blood Pressure Intervention
Oscar R Benavente, Univ of British Columbia, Vancouver, BC, Canada; Leslie A McClure, Univ of Alabama at Birmingham, Birmingham, AL; Christopher S Coffey, Univ of Iowa, Iowa, IA; Robin Conwit, Natl Inst of Health, Washington, MD; Pablo E Pergola, Univ of Texas, San Antonio, TX; Robert G Hart, Univ of McMaster, Hamilton, ON, Canada; “The SPS3 Investigators”
10:12 Time to Angiographic Reperfusion is Highly Associated with Good Clinical Outcome in the Interventional Management of Stroke Phase III (IMS III) Trial

Pooja Khatri, Univ of Cincinnati Academic Health Ctr, Cincinnati, OH; S D Yeatts, Medical Univ of South Carolina, Charleston, SC; Mikael Mazighi, Paris-Diderot Univ, Bichat Univ Hosp, Paris, France; Joseph P Broderick, Univ of Cincinnati Academic Health Ctr, Cincinnati, OH; David S Liebeskind, UCLA Stroke Ctr, Los Angeles, CA; Andrew M Demchuk, Calgary Stroke Program, Univ of Calgary, Calgary, AB, Canada; Pierre Amarenco, Paris-Diderot Univ, Bichat Univ Hosp, Paris, France; L D Foster, Medical Univ of South Carolina, Charleston, SC; Mayank Goyal, Univ of Calgary, Calgary, AB, Canada; Michael D Hill, Calgary Stroke Program, Univ of Calgary, Calgary, AB, Canada; Yuko Palesch, Edward C Jauch, Medical Univ of South Carolina, Charleston, SC; E C Haley, Univ of Virginia Health System, Charlottesville, VA; Thomas A Tomossick, Univ of Cincinnati Academic Health Ctr, Cincinnati, OH; The IMS III Trialists

10:24 Randomized Evaluation of Carotid Occlusion and Neurocognition (RECON): Main Results

Randolph S Marshall, Columbia Presbyterian Medical Ctr, New York, NY; Joanne R Festa, St Lukes Roosevelt Medical Ctr, New York, NY; Ken Y Cheung, Marykay A Pavol, Columbia Presbyterian Medical Ctr, New York, NY; Colin P Derdeyn, Tom O Videen, Robert L Grubb, Washington Univ Medical Ctr, St Louis, MO; Kevin Slane, Columbia Presbyterian Medical Ctr, New York, NY; William J Powers, Univ of North Carolina, Chapel Hill, NC; Ronald M Lazar, Columbia Presbyterian Medical Ctr, New York, NY

10:36 Clopidogrel and Aspirin versus Aspirin Alone for the Treatment of High-risk Patients with Acute Non-disabling Cerebrovascular Event (CHANCE): A Randomized, Double-blind, Placebo-controlled Multicenter Trial

Yongjun Wang, Yilong Wang, Xingquan Zhao, Beijing Tian Tan Hosp, Beijing, China; David Wang, INI Stroke Network, OSF Healthcare System, Univ of Illinois Coll of Med, Peoria, IL; Liping Liu, Xia Meng, Beijing Tian Tan Hosp, Beijing, China; S Claiborne Johnston, Univ of California, San Francisco, San Francisco, CA

10:48 Primary Results of a Randomized Trial of Neuroimaging Selection for Mechanical Embolectomy versus Standard Care for Acute Ischemic Stroke (MR RESCUE)

Chelsea S Kidwell, Georgetown Stroke Ctr, Washington, DC; Reza Jahan, Jeffrey Gornbein, Jeffry Alger, Val Nenov, UCLA Medical Ctr, Los Angeles, CA; Zahra Ajani, Lei Feng, Kaiser Permanente Medical Ctr, Los Angeles, CA; Brett C Meyer, Scott Olsen, UCSD Medical Ctr, San Diego, CA; Lee Schwamm, Albert Yoo, Massachusetts General Hosp, Boston, MA; Randy Marshall, Philip Meyers, Columbia Univ Medical Ctr, New York, NY; Dileep Yavagal, Univ of Miami, Miami, FL; Judy Guzy, Sidney Starkman, UCLA Medical Ctr, Los Angeles, CA; Max Wintermark, Univ of Virginia, Charlottesville, VA; Jeffrey Saver, UCLA Medical Ctr, Los Angeles, CA; For the MR RESCUE Investigators

11:00 Introduction of the Thomas Willis Lecture
Steven M Greenberg, MD, PhD, FAHA, Boston, MA

11:05 Thomas Willis Lecture Award: Causation and Collaboration for Stroke Research
Eng H Lo, PhD, FAHA, Charlestown, MA

11:25 ISC Program Chair’s Closing Remarks
Steven M Greenberg, MD, PhD, FAHA, Boston, MA

11:30 Adjourn
Thank you for attending the International Stroke Conference 2013. Please don’t forget these important dates for the International Stroke Conference 2014:

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**Submit Session Ideas**
Suggested Session Submitter Opens: Monday, Feb 4, 2013  
Suggested Session Submitter Closes: Monday, March 11, 2013

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Submission Opens: Wednesday, May 22, 2013  
Submission Closes: Tuesday, Aug 13, 2013

**Submit Late-Breaking Science and Ongoing Clinical Trials Abstracts**
Submission Opens: Wednesday, Oct 9, 2013  
Submission Closes: Wednesday, Nov 6, 2013

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

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

WEDNESDAY, FEBRUARY 6
4:15 PM – 5:15 PM
HALL I

4:15 – 4:45
Professor-Led Poster Tours by Category, Session I:
Moderated Q&A with Poster Presenters (Hall I)

Moderated Posters W MP1 – W MP120; see pg 89 – pg 106 in the Poster Abstract Index for a complete listing of all the posters in this Wednesday Professor-Led Poster Tour session.

4:45 – 5:15
Poster Session I: One-on-One Time for an Individual Q&A with Poster Presenters (Hall I)

These posters are not included in the 4:15 Professor-Led Poster Tour Session above.

Posters W P1 – W P449; see pg 107 – pg 163 in the Poster Abstract Index for a complete listing of all the posters in this Wednesday session.

THURSDAY, FEBRUARY 7
4:15 PM – 5:15 PM
HALL I

4:15 – 4:45
Professor-Led Poster Tours by Category, Session II:
Moderated Q&A with Poster Presenters (Hall I)

Moderated Posters T MP1 – T MP120; see pg 164 – pg 180 in the Poster Abstract Index for a complete listing of all the posters in this Thursday Professor-Led Poster Tour session.

4:45 – 5:15
Poster Session II: One-on-One Time for an Individual Q&A with Poster Presenters (Hall I)

These posters are not included in the 4:15 Professor-Led Poster Tour Session above.

Posters T P1 – T P447; see pg 181 – pg 237 in the Poster Abstract Index for a complete listing of all the posters in this Thursday session.

PROFESSOR-LED POSTER TOURS AND POSTER SESSIONS

During the ISC 2013 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 6 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 20 different poster tours to select from during each Poster Tour Session.

To be a part of a Poster Tour, please turn to pg 89 (Wednesday) and pg 164 (Thursday) in the Poster Abstracts section of the Final Program and decided which section/category of posters you would like to attend during each of the two Poster Tour Sessions. Five – ten minutes prior to the 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 107 (Wednesday) and pg 181 (Thursday) in the Poster Abstracts section of the Final Program.

For the most current poster moderator and poster information, please check the online Program/Itinerary Planner on the ISC Web site at strokeconference.org.
PROFESSOR-LED POSTER TOURS BY CATEGORY: SESSION I

WEDNESDAY, FEBRUARY 6
4:15 PM – 4:45 PM
Hall I

Acute Endovascular Treatment
Moderated Poster Tour IA

W MP1 – W MP6

SECTION 1

Moderator: L Fernando Gonzalez, MD, Philadelphia, PA

Poster Board Number MP1 / Presentation Number W MP1

DWI ASPECT Scores and Infarct Volume as Predictors of Outcome After Recanalization in Middle Cerebral Artery Stroke
Sunanda Nanduri, Ashutosh P Jadhav, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Syed Zaidi, Univ of Toledo, Toledo, OH; Amin Aghaebrahim, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Mohammad Jumaa, Univ of Toledo, Toledo, OH; Maxim Hammer, Vivek Reddy, Guillermo Linares, Brian Jankowitz, Lawrence Wechsler, Tudor Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA

Poster Board Number MP2 / Presentation Number W MP2

Computed Tomography or Magnetic Resonance Perfusion Imaging Benefits Selection of Acute Ischemic Stroke Patients for Endovascular Treatment
Arshneel S Kochar, Case Western Reserve Univ, Cleveland, OH; Richard S Jung, Sunil Manjila, Benny S Kim, Brian B Koo, Christine A Blackham, Jeffrey L Sunshine, Univ Hosp Case Medical Ctr, Cleveland, OH

Poster Board Number MP3 / Presentation Number W MP3

Predictors and Outcomes Associated With Rescue Therapy in SWIFT
Marc A Lazzaro, Osama O Zaidat, Medical Coll of Wisconsin, Milwaukee, WI; Jeffrey Saver, UCLA, Los Angeles, CA

Poster Board Number MP4 / Presentation Number W MP4

THRACE: Randomized Trial and Cost Effectiveness Evaluation on Thrombectomy in Acute Ischemic Stroke
Serge Bracard, Xavier Ducrocq, Francis Guillemin, Kossar Hosseini, CHU Nancy, Nancy, France; THRACE Investigators

Poster Board Number MP5 / Presentation Number W MP5

Predictors and Clinical Relevance of Hemorrhagic Transformation after Endovascular Therapy for Acute Ischemic Stroke: A Multicenter Retrospective Analysis of 1122 Patients
Raul G Nogueira, Rishi Gupta, Emory Univ, Atlanta, GA; Tudor G Jovin, UPMC, Pittsburgh, PA; Elad I Levy, SUNY, Buffalo, NY; David Liebeskind, UCLA, LA, CA; Osama Zaidat, MCW, Milwaukee, WI; Ansaar Rai, WVU, Morgantown, WV; Joshua Hirsch, MGH, Boston, MA; Daniel Hsu, Case, Cleveland Clinic, OH; Marilyn M Rymer, C Irvine, Irvine, CA; Ashis H Tayal, Allegheny, Pittsburgh, PA; Ridwan Lin, Broward Health North, Pompano Beach, FL; Omar Kass-Hout, Tareq Kasshout, Emory Univ, Atlanta, GA; Sabareesh K Natarajan, Suny, Buffalo, NY; Ashish Nanda, UM, Missouir, MO; Melissa Tian, Emory UNiversity, Atlanta, GA; Qing Hao, SUNY, Brooklyn, NY; Junaid S Kalia, WU, Saint Louis, MO; Michael Chen, Rush Univ, Chicago, IL; Alex Abou-Chebl, Univ of Louisville, Louisville, KY; Thanh N Nguyen, Univ of Boston, Boston, MA; Albert Yoo, MGH, Boston, MA

Poster Board Number MP6 / Presentation Number W MP6

Delayed Device Access to the Occluded Target Vessel Predicts Worse Recanalization Rates and Poor Outcomes in Endovascular Therapy for Acute Stroke
Marc Ribo, Hosp Vall d’Hebron Univ Autònoma de Barcelona, Barcelona, Spain; Brian Jankowitz, Syed Zaidi, Mouhammad Jumaa, Jennifer Oakley, Tudor Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA
Acute Endovascular Treatment
Moderated Poster Tour IB

Poster Board Number MP7 / Presentation Number W MP7
Clinical, Angiographic, and Radiographic Outcomes Differences Amongst Mechanical Thrombectomy Devices: Initial Experience of a Large-Volume Center
Tareq Kass-Hout, Omar Kass-Hout, Michael Frankel, Fadi Nahab, Samir R Bel-agaje, Aaron A Anderson, Manuel Yepes, Rafael Gershon, Chung-Juan Johnny Sun, Alex Isakov, Brenda A Glenn, Rishi Gupta, Raul G Nogueira, Emory Univ, Atlanta, GA

Poster Board Number MP8 / Presentation Number W MP8
Imaging Variables as Predictors of Outcome after Intra-Arterial Therapy: The Superiority of Collateral Circulation
Amrou Sarraj, Clark W Sitton, UT Houston, Houston, TX; Amelia K Boehme, Univ of Alabama, Birmingham, AL; Steven L Lutzker, Osman Mir, Wafi Bibars, Tzu-Ching Wu, UT Houston, Houston, TX; Karen Albright, Univ of Alabama, Birmingham, AL; Sheryl Martin-Schield, Tulane Univ, New Orleans, LA; Andrew D Barreto, UT Houston, Houston, TX; David S Liebeskind, UCLA, Los Angeles, CA; James C Grotta, Stanford, CA

Poster Board Number MP9 / Presentation Number W MP9
Impact of Collateral Blood Flow on Clinical Presentation, Diffusion and Perfusion Imaging, Infarct Growth and Clinical Outcome in the DEFUSE 2 Trial
Michael P Marks, Maarten G Lansberg, Michael Mlynash, John-Marc Olivot, Matus Straka, Stephanie Kemp, Ryan McTaggart, Manabu Inoue, Aaryani Tipirneni, Greg Zaharchuk, Roland Hammer, Gregory W Albers, Stanford Univ Med Ctr, Stanford, CA; DEFUSE 2 Investigators

Poster Board Number MP10 / Presentation Number W MP10
Single-center Experience in the Off Label Use of FDA Approved Drugs and Devices for Endovascular Treatment of Cerebrovascular Diseases
Muhammad Abdihalim, Ameer E Hassan, Adnan Qureshi, Univ of Minnesota, Minneapolis, MN

Poster Board Number MP11 / Presentation Number W MP11
The Association between Endovascular Reperfusion and Favorable Clinical Response is Similar in Older and Younger Stroke Patients
John Liggins, Nishant K Mishra, Hayley M Wheeler, Manabu Inoue, Matus Straka, Stephanie Kemp, Michael Mlynash, Roland Hammer, Gregory W Albers, Stanford Univ, Stanford, CA; The DEFUSE 2 investigators

Poster Board Number MP12 / Presentation Number W MP12
Final Infarct Volume is a Stronger Predictor of Outcome Than Recanalization in Patients With Proximal Middle Cerebral Artery Occlusion Treated With Endovascular Therapy
Tudor Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Syed Zaidi, Univ of Toledo, Toledo, OH; Amin Aghaebrahim, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Xavier Urra, Univ of Barcelona, Barcelona, Spain; Mohammad Jumaa, Univ of Toledo, Toledo, OH; Brian Jankowitz, Maxim Hammer, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Raul Nogueira, Emory Univ, Atlanta, GA; Michael Horowitz, Vivek Reddy, Ashutosh P Jadhav, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA
Moderator: Andria Ford, MD, Saint Louis, MO

Poster Board Number MP13 / Presentation Number W MP13
The Predictive Value of Volumetric MRI Profiles in Stroke Patients Receiving IV tPA in the 3-Hour Time Window
Shyian S Jen, Elizabeth M Sweeney, Argye E Hillis, Ciprian M Crainiceanu, John W Krakauer, Peter B Barker, Richard Leigh, Johns Hopkins University, Baltimore, MD; on behalf of the STIR and VISTA Imaging Investigators

Poster Board Number MP14 / Presentation Number W MP14
Perfusion Weighted Imaging Findings in Acute TIA Patients Predict Subsequent Infarction
Jun Lee, Yeungnam Univ Medical Ctr, Daegu, Korea, Republic of; Michael Mlynash, Stanford Univ Medical Ctr, Stanford, CA; Na-Young Kim, Yeungnam Univ Medical Ctr, Daegu, Korea, Republic of; Gregory Albers, Jean-Marc Olivot, Stanford Univ Medical Ctr, Stanford, CA

Poster Board Number MP15 / Presentation Number W MP15
Hemispheric Asymmetry of Frontoparietal Control Network in Acute Ischemic Stroke Correlates with Stroke Severity
Sarael Alcauter, Wei Gao, Hongyu An, UNC-BRIC, Chapel Hill, NC; Andria L Ford, Washington Univ Sch of Med, St Louis, MO; William Powers, UNC-Neurology, Chapel Hill, NC; Jin-Moo Lee, Washington Univ Sch of Med, St Louis, MO; Weili Lin, UNC-BRIC, Chapel Hill, NC

Poster Board Number MP16 / Presentation Number W MP16
Improved Prediction of Hemorrhagic Transformation in Acute Stroke Patients Using Lowered Cerebral Blood Volume on MRI and Clinical Severity by NIHSS
Sundeep Saini, NINDS, Bethesda, MD; Steven Warach, Seton/UT Southwestern Inst for Healthcare Delivery and Clinical Investigation, Austin, TX; Marie Luby, NINDS, Bethesda, MD; for the LESION NINDS Investigators

Poster Board Number MP17 / Presentation Number W MP17
Early DWI Reversal Following Endovascular Reperfusion is Typically Transient
Manabu Inoue, Hayley M Wheeler, Michael Mlynash, Aaryani Tipirneni, Matus Straka, Stephanie M Kemp, Greg Zaharchuk, Roland Bammer, Maarten G Lansberg, Gregory W Albers, Stanford University Medical Ctr, Palo Alto, CA; The DEFUSE 2 investigators

Poster Board Number MP18 / Presentation Number W MP18
CT Work-Up of Patients Suspected of Acute Ischemic Stroke: Perfusion-CT Adds Value Compared to Clinical Evaluation, Noncontrast Head CT and CT-Angiogram in Terms of Predicting Outcome
Guangming Zhu, Univ of Virginia, Dept of Radiology, Neuroradiology Div, Charlottesville, VA; Patrik Michel, Ctr Hospier Univire Vaudois, Dept of Neurology, Switzerland, Lausanne, Switzerland; Amin Aghaebrahim, Dept of Neurology, Univ of Pittsburgh, Pittsburgh, PA; James T Patrie, Wenjun Xin, Dept of Public Health Sciences, Univ of Virginia, Charlottesville, VA; Ashraf Eskandari, Ctr Hospier Univire Vaudois, Dept of Neurology, Lausanne, Switzerland; Weiwei Zhang, Military General Hosp of Beijing PLA, Beijing, China, Max Wintermark, Univ of Virginia, Dept of Radiology, Neuroradiology Div, Charlottesville, VA
Acute Nonendovascular Treatment
Moderated Poster Tour I

SECTION 4

Moderator: Andrew M Demchuk, MD, Calgary, AB, Canada

Poster Board Number MP19 / Presentation Number W MP19
Are “Drip and Ship” Patients Different than Other rt-PA Treated Patients? Clinical Characteristics and Patient Outcomes
Dawn Kleindorfer, Univ of Cincinnati Hosp, Cincinnati, OH; Eric E Smith, Univ of Calgary, Calgary, AB, Canada; Gregg C Fonarow, Univ of California Los Angeles, Los Angeles, CA; Maria M Grau-Sepulveda, DailWai M Olson, Adrian F Hernandez, Eric D Peterson, Duke Univ, Raleigh, NC; Lee Schwamm, Massachusetts General Hosp, Harvard Univ, Boston, MA

Poster Board Number MP20 / Presentation Number W MP20
Intracluster Correlation Coefficients and Reliability of Randomised Multicentre Stroke Trials within VISTA
Benedikt Frank, Univ hospital Essen, Essen, Germany; Rachael L Fulton, Fraser Goldie, Univ of Glasgow, Glasgow, United Kingdom; Werner Hacke, Univ hospital Heidelberg, Heidelberg, Germany; Christian Weimar, Univ hospital Essen, Essen, Germany; Kennedy R Lees, Univ of Glasgow, Glasgow, United Kingdom; on behalf of the VISTA Collaboration

Poster Board Number MP22 / Presentation Number W MP22
Third International Stroke Trial (IST-3): Effect of iv rt-pa<6 Hours in Acute Ischaemic Stroke on Living Circumstances and Health Related Quality of Life at Six Months
Peter A Sandercock, Joanna M Wardlaw, Univ of Edinburgh, Edinburgh, United Kingdom; Richard I Lindley, Univ of Sydney and The George Inst, Sydney, Australia; Martin S Dennis, Univ of Edinburgh, Edinburgh, United Kingdom; IST-3 Collaborative Group

Poster Board Number MP23 / Presentation Number W MP23
Well-controlled Warfarin Therapy in Acute Ischemic Stroke Patients with Atrial Fibrillation Associated with Lower Rate of Lesion Recurrence
Eiichi Nomura, Tomohiko Ohshima, Eiji Imamura, Shinichi Wakabayashi, Hiroshi Kajikawa, Suiseikai Kajikawa Hosp, Hiroshima, Japan; Masayasu Matsumoto, Dept of Clinical Neuroscience and Therapeutics, Hiroshima Univ Graduate Sch of Biomedical Science, Hiroshima, Japan

Poster Board Number MP24 / Presentation Number W MP24
Thrombolysis within 48 hours after Basilar Artery Occlusion
Perttu J Lindsberg, Daniel Strbian, Tiina Sairanen, Markku Kaste, Helsinki Univ Hosp, Helsinki, Finland

Aneurysm Moderated Poster Tour I

SECTION 5

Moderator: Brian Hoh, MD, Gainesville, FL

Poster Board Number MP25 / Presentation Number W MP25
Single-Center Experience with Dual Antiplatelet Therapy Management in Patients Treated with the Pipeline Embolization Device
Josser E Delgado Almandoz, Benjamin M Crandall, Jill M Scholz, Jennifer L Fease, Ruth E Anderson, Yasha Kadkhodayan, David E Tubman, Abbott Northwestern Hosp, Minneapolis, MN
Poster Board Number MP26 / Presentation Number W MP26
Endovascular Arterial Deconstruction with a Combination of Onyx and Coils: Technique, Feasibility, and Complications
Nohra Chalouhi, Robert M Starke, Stavropoula Tjoumakaris, Pascal Jabbour, L Fernando Gonzalez, David Hasan, Robert Rosenwasser, Aaron S Dumont, Thomas Jefferson Univ, Philadelphia, PA

Poster Board Number MP27 / Presentation Number W MP27
Prevalence of Non-responsiveness to Antiplatelet Therapy in Patients Undergoing Treatment of Cerebral Aneurysms Utilizing Flow Diversion with the Pipeline Embolization Device
W Caleb Rutledge, Mark J Dannenbaum, Adam C Webb, Susana L Skukalek, Albert J Schuette, Daniel B Case, Bill Asbury, Frank C Tong, Jacques E Dion, C Michael Cawley, Anne M Winkler, Emory Univ, Atlanta, GA

Poster Board Number MP28 / Presentation Number W MP28
Follow-up of Large Intracranial Aneurysms Indicates Growth Frequency Varies According to Location and Size
Aichi Chien, Feng Liang, Noriko Salamon, Pablo Villablanca, Fernando Vinuela, UCLA, Los Angeles, CA

Poster Board Number MP29 / Presentation Number W MP29
Single-Center Experience with the Pipeline Embolization Device: The Treatment of Smaller Secondary Aneurysms
Ratul Raychaudhuri, Inam Kureshi, Martin Ollenschleger, Stephen Ohki, Gary Spiegel, Hartford Hosp, Hartford, CT

Poster Board Number MP30 / Presentation Number W MP30
Risk Analysis of Growth and Rupture in Unruptured Intracranial Aneurysms: Single Institutional Cohort Study
Yuichi Murayama, Toshihiro Ishibashi, Hiroyuki Takao, Ichiro Yuki, Hideki Arawaka, Koreaki Irie, Jikei Univ, Tokyo, Japan

Poster Board Number MP31 / Presentation Number W MP31
Neamine, A Angiogenin Inhibitor, Induces Neuroprotection After Acute Ischemic Stroke in Type One Diabetic Rats
Ruizhuo Ning, Henry Ford Hosp, Detroit, MI; Michael Chopp, Henry Ford Hosp, Detroit; Oakland Univ, Rochester, MI; Alex Zacharek, Tao Yan, Chunling Zhang, Cynthia Roberts, Jieli Chen, Henry Ford Hosp, Detroit, MI

Poster Board Number MP32 / Presentation Number W MP32
Immunomodulation and Neuroprotection by Progesterone in Infections following Ischemic Brain Injury in Middle-Aged Rats
Seema Yousuf, Fahim Atif, Iqbal Sayeed, Donald G Stein, Emory Univ, Atlanta, GA

Poster Board Number MP33 / Presentation Number W MP33
Synergistic Effect of Dehydroascorbic Acid, Glutathione and Melatonin on Brain Endothelium Protection in Ischemic Rats
Jong Eun Lee, Jae Young Kim, Ja Young Choi, Yonsei Univ Coll Med, Seoul, Korea, Democratic People’s Republic of

Poster Board Number MP34 / Presentation Number W MP34
Endogenous Plasminogen is Essential for Motor Functional Recovery and Axonal Remodeling after Stroke in Mice
Zhongwu Liu, Yi Li, Ruilan Zhang, Yisheng Cui, Xia Shang, Michael Chopp, Henry Ford Health System, Detroit, MI
Low Level Laser Therapy (LLLT) Protects Against Oxygen–Glucose Deprivation–Induced Neuron Death by Modulating Nitric Oxide and ROS Production in vitro
Zhanyang Yu, Ning Liu, Yadan Li, Jianhua Zhao, Eng H Lo, Massachusetts General Hosp, Charlestown, MA; Thomas J McCarthy, Clark E Tedford, PhotoThera, Carlsbad, CA; Xiaoying Wang, Massachusetts General Hosp, Charlestown, MA

The Sonic Hedgehog Signaling Pathway Mediates Cerebrolysin-Improved Neurological Functions after Stroke
Li Zhang, Michael Chopp, Zheng Gang Zhang, Henry Ford Hosp, Detroit, MI

Methodological Quality and Meta-Analysis of Animal Studies of Mesenchymal Stromal Cells for Ischemic Stroke
Kate Xie, Quynh Vu, Mark Eckert, Weian Zhao, Steven C Cramer, Univ of California, Irvine, Orange, CA

Neurorestorative Therapy of Stroke in Type One Diabetes Rats with Human Umbilical Cord Blood Cell
Jieli Chen, Tao Yan, Xinchun Ye, Henry Ford Hosp, Detroit, MI; Nicole Kuzmin-Nichols, Saneron CCEL Therapeutics, Inc, Tampa, FL; Alex Zacharek, Yisheng Cui, Ruizhou Ning, Cynthia Roberts, Henry Ford Hosp, Detroit, MI; Cyndy Davis Sanberg, Saneron CCEL Therapeutics, Inc, Tampa, FL; Michael Chopp, Henry Ford Hosp, Detroit, MI

Co-transplantation of Neural Stem cells and Vascular Progenitor Cells Enhances Post-ischemic Recovery in Cerebral Ischemia in Rats
Yaohui tang Sr, Jia Li, Med-x Res Inst, Shanghai, China; Rongbiao Tang, Shanghai Ruijin Hosp, Shanghai, China; Yongting Wang, Weiqiang Gao, Guoyuan Yang, Med-x Res Inst, Shanghai, China

Tumorigenesis of Induced Pluripotent Stem Cells in Ischemic Mouse Model
Koji Abe, Toru Yamashita, Hiromi Kawai, Fengfeng Tian, Yasuyuki Ohta, Okayama Univ, Okayama, Japan

Induced Pluripotent Stem Cell Derived Neural Progenitor Therapy for Treatment in a MCAO Ischemic Brain Injury Pig Model
Franklin D West III, Jeong Yeh Yang, Kylee Jo Duberstein, Shannon P Holmes, Univ of Georgia, Athens, GA; Jamie M Chilton, Aruna Biomedical, Athens, GA; Steven L Stice, Univ of Georgia, Athens, GA; William D Hill, David C Hess, Georgia Health Sciences Univ, Augusta, GA; Simon R Platt, Univ of Georgia, Athens, GA

Remote Ischemic Stroke Decreases Quiescence and Increases Neurogenic Activation of Radial Glia-like Precursors in the Subgranular Zone of the Dentate Gyrus in Adult Mice
Bogachan Sahin, Michael A Bonaguidi, Steven R Zeiler, Hongjun Song, Johns Hopkins Univ Sch of Med, Baltimore, MD
Cerebrovascular Occlusive Disease
Moderated Poster Tour I
W MP43 – W MP48

SECTION 8

Moderator: Thanh Nguyen, MD, FRCPC, Boston, MA

Poster Board Number MP43 / Presentation Number W MP43
The Natural History of Vertebral Artery Origin Stenosis and Long-term Survival
Matthew Thompson, Mohammad Issa, Marc Lazzaro, Osama Zaidat, Medical Coll of Wisconsin, Wauwatosa, WI

Poster Board Number MP44 / Presentation Number W MP44
A Meta-Analysis of Drug Eluting Stents vs Bare Metal Stents for Treatment of Extracranial Vertebral Artery Disease

Poster Board Number MP45 / Presentation Number W MP45
Incidence and Outcome of Vertebral Artery Dissection in Trauma Setting: Analysis from National Trauma Data Base (NTDB)
Shahram Majidi, Haseeb A Rahman, Malik M Adil, Adnan I Qureshi, Univ of Minnesota, Minneapolis, MN

Poster Board Number MP46 / Presentation Number W MP46
Rotational Ischemic Vertebral Artery Compression (RIVAC) Syndrome Due to Cervical Facet Hypertrophy and Uncinate Process Osteophyte: Review of Seven Consecutive Cases
Stanley H Kim, Nathan Dhablania, Joshua Kim, Rishabh Gulati, Jeffferson Miley, Anant Patel, Neurosurgery, Endovascular, and Spine Ctr, Austin, TX

Poster Board Number MP47 / Presentation Number W MP47
Burden of Intracranial Steno-occlusive Lesions on Initial CT Angiography is Predictive of Poor Outcomes in Patients with Stroke And TIA
Alexander Y Lau, KS Lawrence Wong, Chinese Univ of Hong Kong, Shatin, NT, Hong Kong; Michael Lev, Karen Furie, Massachusetts General Hosp, Boston, MA; Wade Smith, Anthony S Kim, Univ of California San Francisco, San Francisco, CA

Poster Board Number MP48 / Presentation Number W MP48
Usefulness of High-Resolution MRI in the Investigation of Intracranial Stenosis

Community/Risk Factors
Moderated Poster Tour I
W MP49 – W MP54

SECTION 9

Moderator: Nerses Sanossian, MD, Los Angeles, CA

Poster Board Number MP49 / Presentation Number W MP49
The Impact of Age vs Age-Related Comorbidities on White Matter Hyperintensity Volume
Kevin S King, Ronald M Peshock, Roderick M McColl, Colby Ayers, Sandeep R Das, UT Southwestern Medical Ctr, Dallas, TX
The Distribution of White Matter Hyperintensities by Age in Persons with Familial Cardiovascular Risk
Paul Nyquist, Murat Bigel, Lisa Yanek, Taryn F Moy, Brian G Kral, Jerry Prince, Diane M Becker, Lewis C Becker, Dhananjay Vaidya, Johns Hopkins, Baltimore, MD

High-sensitivity C-reactive Protein in Asymptomatic Elderly Subjects is Associated With a Higher Risk for Silent Brain Infarction

Sustained Long Term Lifestyle Modifications Regress Carotid Artery Atherosclerosis - Insights from a Meta-Analysis
Sunny Jhamnani, Dhavalkumar Patel, Fred King, S Layla Heimlich, Brian Walitt, Joseph Lindsay, Georgetown Univ Hosp/Washington Hosp Ctr, Washington, DC

Vitamin D Levels are Lower in Acute Ischemic Stroke Patients Compared to Matched Controls
Deidre A De Silva, Loreto P Talabucon, Ebonne Y Ng, Eng King Tan, Natl Neuroscience Inst, Singapore, Singapore; Tien Yin Wong, Mohammad Kamran Ikram, Singapore Eye Res Inst, Singapore, Singapore; Wei Ling Lee, Natl Neuroscience Inst, Singapore, Singapore

ABO Blood Type and Incident Stroke in the REasons for Geographic and Racial Differences in Stroke (REGARDS) Study
Neil A Zakai, Univ of Vermont, Burlington, VT; Suzanne E Judd, Leslie A McClure, Univ of Alabama at Birmingham, Birmingham, AL; Brett M Kissela, Univ of Cincinnati, Cincinnati, OH; George Howard, Univ of Alabama at Birmingham, Birmingham, AL; Mary Cushman, Univ of Vermont, Burlington, VT

Poster Board Number MP55 / Presentation Number W MP55
Vessel Wall Characteristics using High Resolution Magnetic Resonance Imaging in Reversible Cerebral Vasospasm and Central Nervous System Vasculitis
Russell Cerejo, Seby John, Tariq Hammad, Emmanuel C Obusez, Rula Hajj-ali, Leonard Calabrese, Muhammad S Hussain, Stephen E Jones, Ferdinand Hui, Ken Uchino, Cleveland Clinic Fndn, Cleveland, OH

Poster Board Number MP56 / Presentation Number W MP56
Utility of Bubble Test with Cervical Internal Carotid Artery Triplex Ultrasound in Detection of Right-to-Left Shunts
Mehmet Akit Topcuoglu, Ethem Murat Arsava, Dept of Neurology, Faculty of Med, Hacettepe Univ, Ankara, Turkey
Poster Board Number MP57 / Presentation Number W MP57
Fully Automated CT-based Quantification of Microangiopathic Density Reduction in White Matter and Comparison to Gold Standard MRI
Uta Hanning, Georg Homann, Thomas Niederstadt, Walter Heindel, Univ Medical Ctr Muenster, Muenster, Germany; Andre Kemmling, Univ Medical Ctr Hamburg-Eppendorf, Hamburg, Germany

Poster Board Number MP58 / Presentation Number W MP58
The Portable Sleep Study as an Early Obstructive Sleep Apnea Screening Tool in Acute Ischemic Stroke
Oleg Y Chernyshev, Univ of Texas Medical Sch -Houston, Houston, TX; Douglas E Moul, Cleveland Clinic, Cleveland, OH; Cesar Liendo, David E McCarty, Gloria Caldito, Sai K Munjampalli, Louisiana State Univ Health Sciences Ctr- Shreveport, Shreveport, LA; Roger Kelley, Tulane Univ, New Orleans, LA; Andrew Chesson, Louisiana State Univ Health Sciences Ctr, Shreveport, LA

Poster Board Number MP59 / Presentation Number W MP59
A Simple Clinical and MRI Score to Assess a Risk for Development of Malignant Middle Cerebral Artery Infarction in Large Hemispheric Acute Ischemic Stroke
Takashi Shimoyama, Junichi Uemura, Shinji Yamashita, Kensaku Shibazaki, Takeshi Inoue, Yasuyuki Iguchi, Kazumi Kimura, Kawasaki Medical Sch, Kurasaki, Japan

Poster Board Number MP60 / Presentation Number W MP60
Automatic Embolic Signal Detection Using Adaptive Wavelet Packet Transform and Adaptive Neuro-Fuzzy Inference System
Charoenchai Lueang-on, Charturong Tantibundhit, Sombat Muengtaweepongsa, Thammasat Univ, Bangkok, Thailand

Emergency Care/Systems Moderated Poster Tour I

SECTION 11

Moderator: Andrew Asimos, MD, Charlotte, NC

Poster Board Number MP61 / Presentation Number W MP61
TWOACES: TIA Work-up as Outpatient, Assessment of Clinical Efficacy and Safety
James Castle, Jenifer Green, NorthShore Univ HealthSystem, Highland Park, IL; Jean-Marc Olivot, Gregory Albers, Stanford Stroke Ctr, Palo Alto, CA

Poster Board Number MP62 / Presentation Number W MP62
Organized Comprehensive Stroke Center is Associated With Reduced Mortality After Acute Ischemic Stroke
Dae-Hyun Kim, Jae-Kwan Cha, Dong-A Univ Hosp, Busan, Korea, Republic of; Seong-Ho Choi, Wallace Memorial Baptist Hosp., Busan, Korea, Republic of; Sang-Woo Kim, Busan St Mary's Medical Ctr, Busan, Korea, Republic of; Seong-Man Jun, Bong Seng Memorial Hosp, Busan, Korea, Republic of

Poster Board Number MP63 / Presentation Number W MP63
Impact of Regional Emergency Medical Service Stroke Alert Policies on In-hospital Stroke Time Targets in Massachusetts
Mirian Barrientos, Erin Kulick, Massachusetts Dept of Public Health, Boston, MA

Poster Board Number MP64 / Presentation Number W MP64
Prehospital Triage to Comprehensive Stroke Centers: GCS Identifies Patients at Increased Risk for Death, ICH, or SAH
Heemun Kwok, Glenn B Schubert, W T Longstreth Jr, Kyra J Becker, David Tirschwell, Univ of Washington, Seattle, WA
Poster Board Number MP65 / Presentation Number W MP65
The Quality of Pre-hospital Acute Stroke Care: Data from a Pilot Surveillance System
John A Oostema, Michigan State Univ Coll of Human Med, Grand Rapids, MI; Mathew J Reeves, Michigan State Univ, East Lansing, MI

Poster Board Number MP66 / Presentation Number W MP66
Enrollment in a Pre-hospital Stroke Trial: Common Reasons for Patient Non-Enrollment
Randy Sanoff, Samantha B Cherin, Joan Krause, Fiona Chatfield, UCLA, Los Angeles, CA; Nerses Sanossian, USC, Los Angeles, CA; Sidney Starkman, Jeffrey Saver, David Liebeskind, Lucas Restrepo, Latisha Ali, Miguel Valdes-Suerras, May Kim, Bruce Obviagale, Doojin Kim, UCLA, Los Angeles, CA; Robin Conwit, NIH, Washington, DC, MD; Mark Eckstein, LAFD, Los Angeles, CA; Frank Pratt, Los Angeles County Fire Dept, Los Angeles, CA; Scott Hamilton, Stanford, Palo Alto, CA; Sam Stratton, Orange County Fire Authority, Orange, CA; For the FAST-MAG Investigators and Coordinators

Experimental Mechanisms and Models Moderated Poster Tour I

Moderator: Frank M Faraci, PhD, FAHA, Iowa City, IA

Poster Board Number MP67 / Presentation Number W MP67
Plasminogen Deficiency and Gender Dimorphism After Thromboembolic Stroke
Marina A Zemskova, Md Nasrul Hoda, Nikhil Kadle, David C Hess, Irina Y Sazonova, Georgia Health Sciences Univ, Augusta, GA

Poster Board Number MP68 / Presentation Number W MP68
Loss of Programmed Cell Death Ligand 1 and 2 Reduces Total Infarct Volume in Male Mice Following Experimental Stroke
Yingxin Chen, Oregon Health and Science Univ, Portland, OR; Sheetal Bodhan- kar, Oregon Health & Science Univ, Portland, OR; Halina Offner, Nabil J Alkayed, Stephanie J Murphy, Oregon Health and Science Univ, Portland, OR

Poster Board Number MP69 / Presentation Number W MP69
Monocyte-derived Macrophages Can Reduce Damage After Experimental Ischemic Stroke
Yasuhiro Nishiyama, Ahmet Arac, Tonya M Bliss, Gary K Steinberg, Stanford Univ, Stanford, CA

Poster Board Number MP70 / Presentation Number W MP70
HIF-1alpha Sumoylation Provides Neuroprotection in Ischemic Stroke
Jingqi Yan, Honglian Shi, Univ of Kansas, Lawrence, KS

Poster Board Number MP72 / Presentation Number W MP72
Effects of Remote Ischemic Preconditioning on the Coagulation Profile of Patients with Aneurysmal Subarachnoid Hemorrhage
Fernando Mayor, Arzu Bilgin-Freiert, UCLA, Los Angeles, CA; Michael Katsnelson, Univ of Miami, Miami, FL; Joshua R Dusick, Paul Vespa, UCLA, Los Angeles, CA; Sebastian Koch, Univ of Miami, Miami, FL; Nestor Gonzalez, UCLA, Los Angeles, CA
Moderator: TBD

Poster Board Number MP73 / Presentation Number W MP73
Extracellular Newly Identified Receptor for Advanced Glycation End Products Binding Protein Predicts the Outcome in Patients with Acute Ischemic Stroke: Research for Biomarkers in Ischemic Stroke
Yoshinobu Wakisaka, Dept of Med and Clinical Science, Graduate Sch of Medical Sciences, Kyushu Univ; Dept of Internal Med, Fukuoka Dental Coll Medical and Dental Hosp, Fukuoka, Japan; Tetsuro Ago, Masahiro Kamouchi, Junya Kuroda, Ryu Matsu, Dept of Med and Clinical Science, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan; Seiji Gotoh, Dept of Environmental Med, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan; Tetsuro Isomura, The KAITEKI Inst, Inc, Tokyo, Japan; Hideto Awano, Kazuo Suzuki, Mitsubishi Tanabe Pharma Corp, Osaka, Japan; Kenji Fukuda, Dept of Cerebrovascular Disease, Inst of Neuroscience, St Mary’s Hosp, Kurume, Japan; Yasushi Okada, Dept of Cerebrovascular Med and Clinical Res Inst, Natl Hosp Organization Kyushu Medical Ctr, Fukuoka, Japan; Hiroaki Ooboshi, Dept of Internal Med, Fukuoka Dental Coll Medical and Dental Hosp, Fukuoka, Japan; Takanari Kitazono, Dept of Med and Clinical Science, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan; REVIOS Investigators

Poster Board Number MP74 / Presentation Number W MP74
Plasma Interleukin-6 Values are Associated With Neurological Severity in Ischemic Stroke
Takahiro Kuwashiro, Tetsuro Ago, Masahiro Kamouchi, Ryu Matsu, Junya Kuroda, Dept of Med and Clinical Science, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan; Tetsuro Isomura, Hideto Awano, Kazuo Suzuki, Molecuence Corp, Yokohama, Japan; Hiroshi Sugimori, Dept of Med and Clinical Science, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan; Yutaka Kiyohara, Environmental Med, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan; Takanari Kitazono, Dept of Med and Clinical Science, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan

Poster Board Number MP75 / Presentation Number W MP75
Is Glycemic Control With Sliding Scale Insulin Therapy Safe for Diabetic Patients With Acute Ischemic Stroke?
Ryo Shimomura, Dept of Cerebrovascular Med, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Shoji Arihiro, Masatoshi Koga, Div of Stroke Care Unit, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Hayato Matsushima, Akiko Ishigami, Kazuo Minematsu, Kazunori Toyoda, Dept of Cerebrovascular Med, Natl Cerebral and Cardiovascular Ctr, Suita, Japan

Poster Board Number MP76 / Presentation Number W MP76
Predictors of Systemic Inflammatory Response in Acute Ischemic Stroke Patients Treated with IV tPA
Amelia K Boehme, Niren Kapoor, Karen C Albright, Michael J Lyerly, Pawan V Rawal, Reza Bavarsad Shahripour, Muhammad Alvi, Harn J Shieue, J Thomas Houston, April Sisson, Univ of Alabama at Birmingham, Birmingham, AL; Anne W Alexandrov, Comprehensive Stroke Ctr, Sch of Nursing, Univ of Alabama at Birmingham, Birmingham, AL; Andrei V Alexandrov, Comprehensive Stroke Ctr, Univ of Alabama at Birmingham, Birmingham, AL; David W Miller, Univ of Alabama at Birmingham, Birmingham, AL
Poster Board Number MP77 / Presentation Number W MP77
Persistent Post Stroke Hyperglycemia Should Accelerate the Early Development of Brain Infarct Volume: A Prospective Study Using by a Continuous Glucose Monitoring Device (CGMS)
Takashi Shimoyama, Junichi Uemura, Kensaku Shibazaki, Takeshi Inoue, Yasuyuki Iguchi, Kazumi Kimura, Kawasaki Medical Sch, Kurashiki, Japan

Poster Board Number MP78 / Presentation Number W MP78
Investigating the Utility of Previously Developed Prediction Scores in AIS patients in the Stroke Belt
Pawan V Rawal, Anelia K Boehme, Reza Bavarsad Shahripour, Univ of Alabama at Birmingham, Birmingham, AL; Paola Palazzo, Campus Bio-Medico Univ, Dept of Neurology, Rome, Italy; Karen C Albright, Niren Kapoor, Muhammad Ali, Michael J Lyerly, James T Houston, Mark R Harrigan, Luis F Cava, Univ of Alabama at Birmingham, Birmingham, AL; Anne W Alexander, Comprehensive Stroke Ctr, Sch of Nursing, Univ of Alabama at Birmingham, Birmingham, AL; Andrei V Alexander, Comprehensive Stroke Ctr, Univ of Alabama at Birmingham, Birmingham, AL

Poster Board Number MP79 / Presentation Number W MP79
Catheter Placement and Surgical Training in the Minimally Invasive Surgery Plus rt-PA for Intracerebral Hemorrhage Evacuation Trial
Natalie L Ullman, John Muschelli, Matthew Li, Timothy C Morgan, Johns Hopkins Univ, Baltimore, MD; Issam A Awad, Univ of Chicago, Chicago, IL; Mario Zuccarello, Univ of Cincinnati, Cincinnati, OH; Karen Lane, Daniel F Hanley, Johns Hopkins Univ, Baltimore, MD; MISTIE Investigators

Poster Board Number MP80 / Presentation Number W MP80
Enhancement of Antioxidative Activity Facilitates Neural Stem Cell Transplantation Therapy for Hemorrhagic Stroke
Takuma Wakai, Stanford Univ Sch of Med, Stanford, CA; Hiroyuki Sakata, Dept of Neurosurgery, Tohoku, Japan; Purmina Narasimhan, Carolina M Maier, Pak H Chan, Stanford Univ Sch of Med, Stanford, CA

Poster Board Number MP81 / Presentation Number W MP81
Prostaglandin E2 EP1 Receptor Deletion Exacerbates Brain Injury and Behavioral Deficits After Experimental Induced Intracerebral Hemorrhage
Nilendra Singh, Dept of Anesthesiology, Ctr for Translational Res in Neuro-degenerative Disease, Univ of Florida, Gainesville, FL; Bo Ma, Neurogenetics Divison, Natl Inst on Aging, Bethesda, MD; Gabriela De Oliveira, Univ of Florida, Gainesville, FL; Shuh Narumiya, Dept of Pharmacology, Kyoto Univ, Kyoto, Japan; Sylvain Dore, Depts of Anesthesiology, Neuroscience, Neurology, and Psychiatry, Univ of Florida, Gainesville, FL

Poster Board Number MP82 / Presentation Number W MP82
The Association Between Cerebral Microbleeds and Arterial Stiffness
Tae-Jin Song, Jinkwon Kim, Dong-Beom Song, Dept of Neurology, Severance Hosp, Yonsei Univ, Seoul, Korea, Republic of; Hye Sun Lee, Chung Mo Nam, Dept of Biostatics, Severance Hosp, Yonsei Univ, Seoul, Korea, Republic of; Young Dae Kim, Hye Suk Nam, Ji Hoe Heo, Dept of Neurology, Severance Hosp, Yonsei Univ, Seoul, Korea, Republic of
Prediction of Intracerebral Hematoma Expansion: Multicenter External Validation of the CTA Spot Sign Score

Thien J Huynh, Univ of Toronto and Sunnybrook Health Sciences Ctr, Toronto, ON, Canada; Andrew Demchuk, Univ of Calgary and Hotchkiss Brain Inst, Calgary, AB, Canada; Dar Dowlatshahi, Univ of Ottawa, Ottawa Hosp Res Inst, Ottawa, ON, Canada; Oziem Krischek, Alex Kiss, Univ of Toronto and Sunnybrook Health Sciences Ctr, Toronto, ON, Canada; Michael D Hill, Univ of Calgary and Hotchkiss Brain Inst, Calgary, AB, Canada; Carlos A Molina, David Rodriguez-Luna, Dept of Neurology, Hosp Univir Vall d’Hebron, Univ Autoboma de Barcelona, Barcelona, Spain; Imanuel Dziakowski, Dresden Univ Stroke Ctr, Dept of Neurology, Technical Univ Dresden, Dresden, Germany; Yolanda Silva Blas, Dept of Neurology, Dr Josep Trueta Univ Hosp, Inst d’Investigació Biomèdica Girona (IDIBGi) Fndn, Girona, Spain; Anna Czlonkowska, 2nd Dept of Neurology, Inst of Psychiatry and Neurology of Warsaw, Warsaw, Poland; Chee-mun Lum, Dept of Diagnostic Imaging, Neuroradiology Section, The Ottawa Hosp, Univ of Ottawa, Ottawa Hosp Res Inst, Ottawa, ON, Canada; Jean-Martin Boulanger, Dept of Med, Charles LeMoyne Hosp, Univ of Sherbrooke, Montreal, QC, Canada; Gordon Gubitz, Dept of Neurology, Dalhousie Univ, Halifax, NS, Canada; Rohit Bhatia, Vasant Padma, Dept of Neurology, All India Inst of Medical Sciences, New Delhi, India; Jayanta Roy, AMRI Hosp Kolkata, Kolkata, India; Carlos S Kase, Dept of Neurology, Boston Medical Ctr, Boston, MA; David J Gladstone, Richard I Avit, Univ of Toronto and Sunnybrook Health Sciences Ctr, Toronto, ON, Canada; PREDICT/Sunnybrook ICH CTA study group

Transferring Patients with Intracerebral Hemorrhages to Tertiary Stroke Centers

Claude Nguyen, Osman Mir, Farhaan Vahidy, George Lopez, Nicole Gonzales, Sean Savitz, Univ of Texas Health Science Ctr at Houston, Houston, TX

Recovery Rate vs Recovery Capacity: A Mathematical Model and its Implications for Rehabilitation

Adam B Schweber, Lauren E Dunn, Andrea R Lendaris, Brandon M Minzer, Ronald M Lazar, Randolph S Marshall, Columbia Univ Medical Ctr, New York, NY

Novel, High-tech Walking Recovery Program Improves Motor Recovery

Melissa W Banta, Matt Wilks, Sheltering Arms Physical Rehabilitation Ctrs, Mechanicsville, VA; Peter E Pidcoe, Adam Sima, Virginia Commonwealth Univ, Richmond, VA; Amber Devers, Sheltering Arms Physical Rehabilitation Ctrs, Mechanicsville, VA

Effectiveness of Mirror Therapy in Stroke Patients with Unilateral Neglect- A Randomized Controlled Trial

Rajni Arora, Paramdeep Kaur, Dheeraj KV, Santhosh Mathangi, Deepika Sharma, Jeyaraj Pandian, Christian Medical Coll & Hosp, Ludhiana, Punjab, India

Modified Rehabilitation has Long-Term Impact on Walking for Individuals with a TIA

Marieke VanPuymbroeck, Indiana Univ, Bloomington, IN; Arlene Schmid, Indiana Univ, Indianapolis, IN; Susie Carter, Wanda Koester, Indiana Univ Health, Bloomington, IN; Carrie Docherty, Indiana Univ, Bloomington, IN
Bilateral Priming Followed by Task Specific Training Can Improve Moderate to Severe Post-Stroke Upper Extremity Hemiparesis
Mary E Stoykov, Rush Univ, Chicago, IL; Daniel M Corcos, Univ of Illinois at Chicago, Chicago, IL

Homozygous Short Variation Allele Genotype of the Serotonin-Transporter-Linked Polymorphic Region (5-HTTLPR) is Associated Post-Stroke Depression- A Meta-analysis
Benjamin Wakerley, Leonard L Yeo, NUHS, Singapore, Singapore; Kwok-Kei mak, Chinese Univ of Hong Kong, Hong Kong, Hong Kong; Wan Y Kong, Natl Univ of Singapore, Singapore, Singapore; Anslem Mak, Roger C Ho, Vijay Sharma, NUHS, Singapore, Singapore

Outcomes, Quality and Health Services Research Moderated Poster Tour IA  W MP91 - W MP96

SECTION 16

Moderator: Deborah Levine, MD, MPH, Ann Arbor, MI

The Mortality Rate of Stroke Patients is Less When Treated at Telestroke Spokes vs Non Telestroke Sites
Julie C Hall-Barrow, Tommy M Bird, Shadi Yaghi, Terri L Imus, Nicolas Bianchi, Univ of Arkansas for Medical Sciences, Little Rock, AR; ARSAVES Group

Health Insurance Coverage is Associated with Mortality after Stroke
Michael McManus, LAC-USC Neurology Residency Program, Los Angeles, CA; Bruce Ovbiagele, Medical Univ of South Carolina, Charleston, SC; Daniela Markovic, Univ of California - Los Angeles, Los Angeles, CA; Amytis Towfigh, Univ of Southern California and Ranchos Los Amigos Natl Rehabilitation Ctr, Downey, CA

Uninsured Patients Have Longer Hospital Stays and Are Less Likely to Receive Rehab Than Insured Patients
Daniel Korya, Kendra Drake, Bruce Coull, Univ of Arizona, Tucson, AZ

Root Cause Analyses of Preventable Causes of Readmission after Stroke: The University Hospitals- Case Medical Center (UH-CMC) and University Hospitals System Stroke Program (UHSSP) Experience
Benny S Kim, Julie Fussner, Cathy Sila, Univ Hosp, Cleveland, OH

US Trends in the Cost and Charges for a Hospital Admission for Acute Ischemic Stroke (AIS): Do the Trends Track with the Consumer Price Index (CPI) for Medical Care Services?
Annie N Simpson, Kit N Simpson, Medical Univ of South Carolina, Charleston, SC

The Iscore Predicts Clinical Response to Thrombolysis: Results From VISTA
Gustavo Saposnik, St Michael’s Hosp, Dept of Health Policy, Management and Evaluation, Univ of Toronto, Toronto, ON, Canada; S Clayborne Johnston, Univ of San Francisco, San Francisco, CA; Matthew Reeves, Univ of Michigan, Michigan, MI; Phillip M Bath, Univ of Nottingham, Nottingham, United Kingdom; Bruce Ovbiagele, Medical Univ of South Carolina, Charleston, SC; for the VISTA Investigators; for the Stroke Outcomes Research Canada (SORCan- www.sorcan.ca) Working Group
Outcomes, Quality and Health Services Research Moderated Poster Tour IB  W MP97 – W MP102

SECTION 17

Moderator: Darin Zahuranec, MD,Ann Arbor, MI

Poster Board Number MP97 / Presentation Number W MP97
Effectiveness of Warfarin for Stroke Prevention in Atrial Fibrillation Based on Time in INR Therapeutic Range: The TREAT-AF Study
Mintu Turakhia, Stanford Univ/Palo Alto VA, Palo Alto, CA; Xiangyan Xu, Felix Yang, Claire Than, Palo Alto VA, Palo Alto, CA; Paul Heidenreich, Stanford Univ/Palo Alto VA, Palo Alto, CA; Donald Hoang, Palo Alto VA, Palo Alto, CA

Poster Board Number MP98 / Presentation Number W MP98
Economic Impact of Dabigatran For Prevention of Stroke in Patients With Atrial Fibrillation in Colombia
Rafael Alfonso-Cristancho, Univ of Washington, Seattle, WA; Andres I Vecino, RANDOM Fndn, Bogota, Colombia; Santiago Herran, Boehringer Ingelheim, Bogota, Colombia

Poster Board Number MP99 / Presentation Number W MP99
Dabigatran: How does it Fare in The Real World? Mayo Clinic and Regional Experience With a Novel Anticoagulant
Amelia K Adcock, Maria I Aguilar, Bart M Demaerschalk, Mayo Clinic Arizona, Phoenix, AZ

Poster Board Number MP100 / Presentation Number W MP100
State Based Stroke Center Designation Increases their Availability and Thrombolytic Administration Rates
Nazli Janjua, Asia Pacific Comprehensive Stroke Inst, Hilo, HI; Yogesh Moradiya, SUNY Downstate Medical Ctr, Brooklyn, NY; Darwin Ramirez-Abreu, Cleveland Clinic Fndn, Cleveland, OH; Andrew R Xavier, Wayne State Univ Medical Ctr, Detroit, MI; Osama S Zaidat, Medical Coll of Wisconsin, Milwaukee, WI; Dileep Y Yavagal, Univ of Miami Medical Ctr, Miami, FL

Poster Board Number MP101 / Presentation Number W MP101
Stroke Performance Measures are Improved at Hospitals Certified as Primary Stroke Centers Compared to Other Accredited Hospitals
Mark J Alberts, Northwestern Univ Medical Sch, Chicago, IL; Jean Range, MJ Hampel, David Morton, Ann Watt, Vicki Cantwell, Joseph Troy, Jerod M Loeb, The Joint Commission, Oakbrook Terrace, IL

Poster Board Number MP102 / Presentation Number W MP102
Development and Testing of a Web-Based Decision Aid to Improve Decision Making for Asymptomatic Carotid Disease
Ethan Halm, Univ of TX Southwestern Med Ctr, Dallas, TX; Colin Nelson, Informed Medical Decision Fndn, Boston, MA; Jasmin Tiro, Univ of TX Southwestern Med Ctr, Dallas, TX; Karen Sepucha, Massachusetts General Hosp, Boston, MA; Kim Batchelor, Lei Xuan, Univ of TX Southwestern Med Ctr, Dallas, TX; Jack Fowler, Diana Stilwell, Informed Medical Decisions Fndn, Boston, MA; Holly Witterman, Mark Dickson, Brian Zikmund-Fisher, Univ of Michigan, Ann Arbor, MI

Preventive Strategies Moderated Poster Tour I  W MP103 – W MP108

SECTION 18

Moderator: Jean Marc Olivot, MD, PhD, Palo Alto, CA

Poster Board Number MP103 / Presentation Number W MP103
Late Adverse Events of Patent Foramen Ovale Closure: A Systematic Review
Sarah Nelson, Tufts Medical Ctr, Boston, MA; Amanda Green, John Rhodes, Duke Univ Medical Ctr, Durham, NC; David Thaler, Tufts Medical Ctr, Boston, MA
Effect of Addition of Clopidogrel to Aspirin on Stroke Incidence: Meta-analysis of Randomized Trials
Santiago Palacio, Univ of Texas Health Science Ctr at San Antonio, San Antonio, TX; Robert G Hart, Mc Master Univ, Hamilton, ON, Canada; Lesly A Pearce, None, Minot, ND; David C Anderson, Univ of Minnesota, Minneapolis, MN; Mukul Sharma, Univ of Ottawa, Ottawa, ON, Canada; Lee A Birbaum, Univ of Texas Health Science Ctr at San Antonio, San Antonio, TX; Oscar R Benavente, Univ of British Columbia, Vancouver, BC, Canada

Risk-benefit Profile of Warfarin vs Aspirin in Patients with Heart Failure and Sinus Rhythm: A Meta-Analysis
Meng Lee, Chang Gung Univ and Hosp, Chiayi, Taiwan; Jeffrey L Saver, UCLA Stroke Ctr, Los Angeles, CA; Keun-Sik Hong, Ilsan Paik Hosp, Inje Univ, Goyang, Korea, Republic of; Hsieh-Chun Wu, Chang Gung Univ and Hosp, Taoyuan, Taiwan; Bruce Ovbiagele, Medical Univ of South Carolina, Charleston, SC

Increased Carotid Stenting for Nonspecific Symptoms in the Post-crest Era
Mahmoud Rayes, Pratik Bhattacharya, Rahul Damani, Seemant Chaturvedi, Wayne State Univ, Detroit, MI

Factors Affecting Time to Achieve Assigned Blood Pressure Targets in the Secondary Prevention of Small Subcortical Strokes (SPS3) Trial
Jeff M Szychowski, Leslie A McClure, Univ of Alabama at Birmingham, Birmingham, AL; Carole L White, Univ of Texas Health Science Ctr at San Antonio, San Antonio, TX; Pablo E Pergola, Univ of Texas Health Sciences Ctr at San Antonio, San Antonio, TX; Oscar R Benavente, Univ of British Columbia, Vancouver, BC, Canada; Christopher S Coffey, Univ of Iowa, Iowa City, IA

Stroke Prevention by Screening Seniors for the Silent Carotid Artery Disease, Atrial Fibrillation, and Hypertension That are the Immediate Causes of Stroke
George S Lavenson, Uniformed Services Univ, Bethesda, MD

SAH and Other Neurocritical Management Moderated Poster Tour I  W MP109 – W MP114

Moderator: TBD

A Third of Ruptured Aneurysms are Clipped/coiled Outside High Volume Centers
Opeolu Adeoye, Univ of Cincinnati, Cincinnati, OH; Patricia Herbers, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Todd Abruzzo, Univ of Cincinnati, Cincinnati, OH; Jane Khoury, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Pooja Khatri, Simona Ferioli, Dawn Kleindorfer, Univ of Cincinnati, Cincinnati, OH

Effectiveness of EEG Ischemia Monitoring in Clinical Practice for the Detection of Delayed Cerebral Ischemia after Subarachnoid Hemorrhage
Eric S Rosenthal, Kathryn O'Connor, M Brandon Westover, Massachusetts General Hosp, Boston, MA
Poster Board Number MP111 / Presentation Number W MP111
Early Venous Thromboembolism Prophylaxis in Patients with External Ventricular Drains Does Not Increase Hemorrhagic Complications
Omar Tanweer, Akwasi Boah, Paul Huang, New York Univ, Dept of Neurosurgery, New York, NY

Poster Board Number MP113 / Presentation Number W MP113
Coated-Platelet Levels are Elevated in Subarachnoid Hemorrhage and Inversely Associated with Mortality at 30 Days
Calin I Prodan, Univ of Oklahoma, Oklahoma City, OK; Andrea S Vincent, Univ of Oklahoma, Norman, OK; Angelia C Kirkpatrick, Steven L Hoover, George L Dale, Univ of Oklahoma, Oklahoma City, OK

Poster Board Number MP114 / Presentation Number W MP114
Increased Big Endothelin-1 in Human Cerebrospinal Fluid is Associated with Vasospasm and Poor 3-month Outcome Following Subarachnoid Hemorrhage
Sherry H-Y Chou, Brigham and Women's Hosp; Harvard Medical Sch, Boston, MA; Sanjaya Kuruppu, Monash Univ, Melbourne, Austria; Steven K Feske, Brigham and Women's Hosp; Harvard Medical Sch, Boston, MA; Sarah Suh, Brigham and Women's Hosp, Boston, MA; Susannah Orzell, Brigham and Women's Hosp; Boston Univ, Boston, MA; Galen V Henderson, Farzaneh A Sorond, Rose Du, Brigham and Women's Hosp; Harvard Medical Sch, Boston, MA; Ian A Smith, Monash Univ, Melbourne, Austria; Eng H Lo, MingMing Ning, Massachusetts General Hosp; Harvard Medical Sch, Boston, MA

Vascular Cognitive Impairment Moderated Poster Tour I

Moderator: Anand Viswanathan, MD, PhD, Boston, MA

Poster Board Number MP115 / Presentation Number W MP115
The Metabolic Syndrome Components and Cognitive Decline: The Atherosclerosis Risk in Communities (ARIC) Study
Jennifer L Dearborn, Johns Hopkins Hosp, Baltimore, MD; David Knopman, Mayo Clinic, Rochester, MN; Richey Sharrett, Andrea L Schneider, Johns Hopkins Univ, Baltimore, MD; Clifford Jack, Mayo Clinic, Rochester, MN; Laura Coker, Wake Forest Univ, Winston-Salem, NC; Alvaro Alonso, Univ of Minnesota, St Paul, MN; Elizabeth Selvin, Johns Hopkins Univ, Baltimore, MD; Thomas Mosley, Univ of Mississippi, Jackson, MS; Rebecca F Gottesman, Johns Hopkins Hosp, Baltimore, MD

Poster Board Number MP116 / Presentation Number W MP116
Incidental Diffusion-weighted Imaging Lesions in Patients With Cognitive Decline
Eitan Auriel, Sergi Martinez-Ramirez, Mahmut Edip Gurol, Kristin Schwab, Brian Edlow, Gregoire Boulouis, Andrew Dumas, Steven M Greenberg, Anand Viswanathan, J Philip Kistler Stroke Res Ctr, Massachusetts General Hosp, Boston, MA

Poster Board Number MP117 / Presentation Number W MP117
Regional Homogeneity Changes in Patients With Transient Ischemic Attack: A Resting-state Functional Magnetic Resonance Imaging Study
Jian Guo, Ning Chen, Muke Zhou, Pian Wang, Li He, West China hospital of Sichuan Univ, Chengdu, China
Poster Board Number MP118 / Presentation Number W MP118
Involvement of MMP-9 in Inflammation-induced White Matter Injury in a Novel Rat Model of Vascular Cognitive Impairment
Fakhreya Y Jalal, Jeffrey Thompson, Yi Yang, Gary A Rosenberg, UNM, Albuquerque, NM

Poster Board Number MP119 / Presentation Number W MP119
Comparisons of Neurobehavioral Dysfunction in Small-vessel and Large-vessel Vascular Dementia
Meyung Kug Kim, Bong Goo Yoo, Kosin Univ Coll of Med, Busan, Korea, Republic of

Poster Board Number MP120 / Presentation Number W MP120
Long-Term Estrogen Deprivation Enhances Hippocampal Amyloidogenic Processing and Cognitive Decline after Global Cerebral Ischemia
Erin L Scott, Quan-guang Zhang, Georgia Health Sciences Univ, Augusta, GA; Rui-min Wang, Hebei United Univ, Tangshan, China; Dong Han, Darrell W Brann, Georgia Health Sciences Univ, Augusta, GA
Recanalization Therapy for Acute Symptomatic Occlusion of the Intracranial Cerebral Arteries in Korea


Intracranial Stenting with the Use of the Wingspan Intracranial Stent for Patients Presenting with Acute Stroke Symptoms and Critical Intracranial Arterial Stenosis

Arash Padidar, Pejman Taghavi Sr, Reza Malek, Ursula Tolley, Minimally Invasive Surgical Solutions, San Jose, CA; Linda Catalli, Raul Guisado, Regional Medical Ctr, San Jose, CA

Conscious Sedation With Dexmedetomidine for Acute Stroke Patients Undergoing Intrarateral Therapy

Mouhammad A Jumaa, Univ of Toledo Medical Ctr, Toledo, OH; Ridwan Lin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Syed F Zaidi, Univ of Toledo Medical Ctr, Toledo, OH; Guillermo Linares, Ashutosh Jadhav, Brian Jankowitz, Tudor G Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA

Collaterals in the Interventional Management of Stroke (IMS) III Trial

David S Liebeskind, UCLA, Los Angeles, CA; Thomas A Tomrick, Univ of Cincinnati, Cincinnati, OH; Sharon Yeatts, Medical Univ of South Carolina, Charleston, SC; Lydia Foster, Medical Univ of South Carolina, Charleston, CA; Janice Carrozella, Univ of Cincinnati, Cincinnati, OH; Tudor G Jovin, UPMC Stroke Inst, Pittsburgh, PA; Pooja Khatri, Univ of Cincinnati, Cincinnati, OH; Mayank Goyal, Univ of Calgary, Calgary, AB, Canada; Yuko Palesch, Medical Univ of South Carolina, Charleston, SC; Joseph P Broderick, Univ of Cincinnati, Cincinnati, OH; for the IMS III Investigators
Cerebral Mechanical Thrombectomy Device Related Adverse Events: Analysis of the Manufacturer and User Facility Device Experience Database

Wondwossen G Tekle, Malik M Adil, Derya Uluduz, Basit Rahim, Tauhid Awan, Haseeb A Rahman, Zeenat Qureshi Stroke Ctr, Minneapolis, MN; Ameer E Hassan, Univ of Texas Health Science Ctr - San Antonio, Harlingen, TX; Adnan I Qureshi, Zeenat Qureshi Stroke Ctr, Minneapolis, MN

Leukoaraiosis and Outcomes After Intra-arterial Therapy in Acute Ischemic Stroke

Dan-Victor V Giurgiutiu, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Albert J Yoo, Neuroradiology, Dept of Radiology, Massachusetts General Hosp, Boston, MA; Kaitlin Fitzpatrick, Stroke Service, Dept of Neurology, Massachusetts General Hosp, Boston, MA; Zeshan Chaudhry, Neuroradiology, Dept of Radiology, Massachusetts General Hosp, Boston, MA; Lee H Schwamm, Natalia S Rost, Stroke Service, Dept of Neurology, Massachusetts General Hosp, Boston, MA

Determinants of Benefit From Endovascular Recanalization in Acute Ischemic Stroke: A Meta-Analysis

Anil V Yallapragada, Amrit S Ahluwalia, Lisa Federer, Jeffrey L Saver, UCLA, Los Angeles, CA

Decreased Intraprocedural End Tidal Carbon Dioxide is Associated With Unfavorable Functional Outcome After Endovascular Intervention for Acute Ischemic Stroke

Courtney E Takahashi, Elizabeth Macri, Holly Hinson, Joshua Raines, Anmol Multani-Kohol, Helmi Lutsef, Wayne Clark, Ansgar Brambrink, Michael Aziz, Jeremy Fields, Oregon Health Sciences Univ, Portland, OR

Downstream Clot Fragment Migration During Endovascular Clot Extraction Adversely Affects Clinical Outcome

James L Frey, Carol Darbonne, Kristina M Chapple, Christina Saldivar, Kamala Saha, Joni Clark, Heather Taylor, Barrow Neurological Inst, Phoenix, AZ

Stroke Severity and Revascularization are the Strongest Predictors of Outcome in Large Vessel Occlusion Strokes: Post-Hoc Analysis of the TREVO 2 Trial

Helmi L Lutsep, Oregon Stroke Ctr OHSU, Portland, OR; Raul G Nogueira, Rishi Gupta, Emory Univ Sch of Med, Atlanta, GA; Tudor G Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Gregory W Albers, Stanford Univ Medical Ctr, Stanford, CA; Gary A Walker, Stryker Neurovascular, Mountain View, CA; David S Liebeskind, Univ of California Los Angeles, Los Angeles, CA; Wade S Smith, Univ of California San Francisco, San Francisco, CA; for the TREVO 2 Investigators

Where Should We Direct Our Efforts Among a Few In-hospital Steps From ER Arrival to Achieve Faster Recanalization in Acute Ischemic Stroke?

Koji Mizokami, Takahisa Mori, Tomonori Iwata, Yuichi Miyazaki, Masahito Nakazaki, Yoichiro Takahashi, Shonan Kamakura General Hosp, Kamakura, Japan

Dexmedetomidine versus Propofol for Monitored Anesthesia Care (MAC) during Endovascular Therapy for Acute Ischemic Stroke

Seby John, Jaspreet Somal, Ehab Farag, Muhammad S Hussain, Joao Gomes Gomes, Cleveland Clinic Fndn, Cleveland, OH
Stentrievers Increase Recanalization Rate but not Good Outcome After Large Vessel Stroke
Claus Z Simonsen, Dept of Neurology, Aarhus Univ Hosp, Aarhus, Denmark; Leif H Sørensen, Sanja Karabegovic, Dept of Neuroradiology, Aarhus Univ Hosp, Aarhus, Denmark; Niels Juul, Dept of Neuroanaesthesiology, Aarhus Univ Hosp, Aarhus, Denmark; Grethe Andersen, Dept of Neurology, Aarhus Univ Hosp, Aarhus, Denmark

Rates and Outcomes of Neurosurgical Evacuation for Thrombotic Related Intracerebral Hemorrhage in Patients with Acute Ischemic Stroke
Kiersten E Norby, Hennepin County Medical Ctr, Minneapolis, MN; Malik M Adil, Haseeb A Rahman, Farhan Siddiq, Adnan I Qureshi, Univ of Minnesota, Minneapolis, MN

Gender Differences in Intra-arterial Therapy
Stacie Demel, Amin Aghaebrahim, Ashutosh Jadhav, Tudor Jovin, Autumn Klein, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA

Safety and Validity of mechanical Thrombectomy and Thrombolysis on Severe Cerebral Venous Sinus Thrombosis
Sijie Li, Cerebrovascular Diseases Res Inst, Beijing, China; Ran Meng, China (Xuanwu Hosp) - America (Massachusetts General Hosp) Joint Inst of Neuroscience, Beijing, China; Xunming Ji, Dept of Neurosurgery, Xuanwu Hosp of Capital Medical Univ., Beijing, China

Procedure Time and Degree of Collateral Flow Determines Outcome in Acute Endovascular Stroke Therapy
Zeshaun S Khawaja, Dolora Wisco, Luzma Cardona, Shu-Mei Man, Esteban Cheng Ching, Richard Burgess, Joao Gomes, Gabor Toth, Hui Ferdinand, Ken Uchino, Muhammad S Hussain, Cleveland Clinic, Cleveland, OH

Safety and Feasibility of Repeated Thrombolytic Therapy in Patients With Acute Ischemic Stroke
Han Soo Yoo, Tae Jin Song, Dongbeom Song, Young Dae Kim, Dept of Neurology, Yonsei Univ Coll of Med, Seoul, Korea, Republic of; Hye Sun Lee, Dept of Biostatistics, Yonsei Univ Coll of Med, Seoul, Korea, Republic of; Ji Hoe Heo, Hye Suk Nam, Dept of Neurology, Yonsei Univ Coll of Med, Seoul, Korea, Republic of

A Scoring System Based on Age and DWI Volume Predicts Poor Functional Outcome Following Endovascular Treatment for Acute Ischemic Stroke
John Liggins, Nishant K Mishra, Hayley M Wheeler, Matus Straka, Stephanie Kemp, Michael Mlynash, Roland Bammer, Gregory W Albers, Maarten G Lansberg, Stanford Univ, Palo Alto, CA; The DEFUSE 2 Investigators

Improvement in Collateral Score and Level of Occlusion Are Early Angiographic Indicators of the Degree of Infarction in Acute Ischemic Stroke
Matthew R Amans, Maya Vella, Daniel L Cooke, Steven W Hetts, UCSF, San Francisco, CA
Concomitant IV tPA Does Not Increase Harm to Patients Who Receive Simultaneous Mechanical Thrombectomy and Emergent Carotid Artery Stent Treatment
Hormozd Bozorgchami, Jeremy Fields, Oregon Health and Sciences, Portland, OR; Gary Walker, Cindy Jahans, Stryker Neurovascular, Mountain View, CA; Helmi Lutsep, Oregon Health and Sciences, Portland, OR; Merci Registry Investigators

Improved Clinical Outcome of Acute Basilar Artery Occlusion Since Introduction of Endovascular Thrombectomy Devices
Peter A Ringleb, Lars Kellert, Dept of Neurology, Heidelberg, Germany; Markus Moehlenbruch, Dept of Neuroradiology, Heidelberg, Germany; Simon Nagel, Julian Boesel, Dept of Neurology, Heidelberg, Germany; Stefan Rohde, Dept of Neuroradiology, Heidelberg, Germany

Time to Recanalize an Acute Vessel Occlusion from Groin Puncture Matters Among Patients Selected for Intra-Arterial Therapy based on CT Perfusion Imaging
Alejandro Spiotta, Jan Vargas, Amrendra Miranpuri, Raymond Turner, Imran Chaudry, Aquilla Turk, MUSC, Charleston, SC

Long-Term Outcome of Carotid Artery Stenting in Patients of Atherosclerotic Carotid Artery Disease: A 10-year Experience of a Single Tertiary Center in Korea
Chang-Hun Kim, Wi-Sun Ryu, Mi-Young Oh, Seung-Hoon Lee, Hyun-Seung Kang, Chul-Ho Son, Moon-Hee Han, Byung-Woo Yoon, Seoul Natl Univ Hosp, Seoul, Korea, Republic of

Early US Experience with the Trevo Retriever Device: A Multi-Center Analysis
Michael J Alexander, Cedars-Sinai Neurovascular Ctr, Los Angeles, CA; Erol Veznedaroglu, Capital Inst, Pennington, NJ; Lei Feng, Kaiser, Los Angeles, CA; Gary Duckwiler, UCLA Medical Ctr, Los Angeles, CA; Adnan Siddiqui, Millard Fillmore Medical Ctr, Buffalo, NY; Boyd Richards, St John’s, Southfield, MI; Kuo Chao, Kaiser, Los Angeles, CA

The Outcome of Carotid Artery Stenting by Tertiary Large Volume Center in Korea: A Single Center Retrospective Analysis
Jeong Ho Hong, Jihoon Kang, Min Uk Jang, Beom Joon Kim, Hee-Joon Bae, O-Ki Kwon, Chang Wan Oh, Cheolkyu Jung, Seoul Natl Univ Bundang Hosp, Gyeonggi-do, Korea, Republic of; Mi Ja Yun, Natl Medical Ctr, Seoul, Korea, Republic of; Moon-Ku Han, Seoul Natl Univ Bundang Hosp, Gyeonggi-do, Korea, Republic of

Asymmetrical Internal Veins Sign in Acute Ischemic Stroke: A New Marker for Poor Collateral Circulation
Lavinia Dinia, David Carrera, Raquel Delgado-Mederos, Joan Martí-Fàbregas, Josep Lluis Munuera Del Cerro, Hosp de la Santa Creu i Sant Pau, Barcelona, Spain
Heterogeneity of Oxygen Extraction Fraction Weighted MRI in Acute Ischemic Stroke Patients
Ona Wu, William A Copen, Kenneth K Kwong, Oguzhan Kursun, Steven Mocking, Thomas Benner, Timothy G Reese, Pamela W Schaefer, Aneesh B Singhal, Massachusetts General Hosp, Boston, MA

Reduced Cerebral Blood Flow on Acute Whole Brain CT Perfusion Best Predicts Hemorrhagic Transformation
Nawaf Yassi, Bruce C Campbell, Melbourne Brain Ctr @ RMH, The Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia; Soren Christensen, Gagan Sharma, Dept of Radiology, Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia; Andrew Bivard, Melbourne Brain Ctr @ RMH, The Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia; Longting Lin, Christopher R Levi, Priority Res Ctr for Translational Neuroscience and Mental Health, John Hunter Hosp, Hunter Medical Res Inst, Univ of Newcastle, Newcastle, Australia; Patricia M Desmond, Dept of Radiology, Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia; Geoffrey A Donnan, Florey Inst of Neuroscience and Mental Health, Univ of Melbourne, Parkville, Australia; Stephen M Davis, Melbourne Brain Ctr @ RMH, The Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia; Mark W Parsons, Priority Res Ctr for Translational Neuroscience and Mental Health, John Hunter Hosp, Hunter Medical Res Inst, Univ of Newcastle, Newcastle, Australia

Factors Associated with Reduced use of Stroke MRI: an Analysis of Practice Patterns
James F Burke, Lesli E Skolarus, Brian C Callaghan, Lewis B Morgenstern, Kevin A Kerber, Univ of Michigan, Ann Arbor, MI

An ASL Collateral Score Can Identify Improved Quantitative Cerebral Blood Flow in Acute Stroke Patients
Thomas Christen, Chen Zhao, Marc A Coram, Matus Straka, Roland Bammer, Gregory W Albers, Greg Zaharchuk, Stanford Univ, Stanford, CA

Detection of Early Ischemic Changes in Non-contrast Head CT Improved by Utilization of Standardized “Acute Stroke”; Windowing of Images
Shraddha Mainali, Mervat Wahba, Lucas Eljovitch, UTHSC, Memphis, TN

The Effect of Weekend Admission on Intracerebral Hemorrhage Outcome at High Volume Institutions
Michael McDowell, Nicholas Shea, Christopher Kellner, Eric Sussman, Emma Meyers, Sam Bruce, Rachel Bruce, Simon Heuts, E Sander Connolly, Columbia Univ, New York, NY

Early Progressive Ischemia Predicts Worse Clinical Outcome in Acute Ischemic Stroke and is Decreased With tPA Treatment

Perfusion Angiography in TREVO2: Quantitative Reperfusion After Endovascular Therapy in Acute Stroke
David S Liebeskind, Fabien Scalzo, UCLA, Los Angeles, CA; Nerses Sanossian, USC, Los Angeles, CA; Rishi Gupta, Emory Univ Sch of Med, Atlanta, GA; Tudor G Jovin, UPMC Stroke Inst, Pittsburgh, PA; Gary A Walker, Stryker Neurovascular,
Mountain View, CA; Gregory W Albers, Stanford Univ Medical Ctr; Stanford, CA; Helmi L Lutsep, Oregon Stroke Ctr OHSU, Portland, OR; Wade S Smith, Univ of California San Francisco, San Francisco, CA; Raul G Nogueira, Emory Univ Sch of Med, Atlanta, GA; for the TREVO2 Investigators

Poster Board Number P40 / Presentation Number W P40

“Good” Angiographic Collateral Circulation Correlates With Lower Dwi Infarct Volumes in Acute Ischemic Stroke
Esteban Cheng-Ching, Dolora Wisco, Shumei Man, Ferdinand Hui, Gabor Toth, Ken Uchino, Muhammad S Hussain, Cleveland Clinic, Cleveland, OH

Poster Board Number P41 / Presentation Number W P41

Peri-Procedural Arterial Spin Labeling and Dynamic Susceptibility contrast Perfusion in Detection of Cerebral Blood Flow in Patients with Acute Ischemic Syndrome
Kambiz Nael, Arash Meshksar, Univ of Arizona, Tucson, AZ; David S Liebeskind, Danny J Wang, Joe X Qiao, Benjamin Ellinson, Noriko Salamon, Pablo J Villablanca, UCLA, Los Angeles, CA; UCLA Stroke Investigators

Poster Board Number P42 / Presentation Number W P42

CT Perfusion in Acute Stroke: Substantial Value Beyond Penumbra
Sarah W Meng, Michael Hewitt, Xiang Liu, Christiana Care Health Services, Wilmington, DE

Poster Board Number P43 / Presentation Number W P43

‘Clinical-Diffusion Mismatch’ Triage Criteria at 8–24 Hours from Symptom Onset Identifies 4% of Stroke Patients for Potential Intervention
Nazli Janjua, Asia Pacific Comprehensive Stroke Inst, Hilo, HI; Yogesh Moradiya, Sebina Bulic, SUNY Downstate Medical Ctr, Brooklyn, NY; Emiliya Melkumova, New York Medical Coll, Bronx, NY

Poster Board Number P44 / Presentation Number W P44

Acute Damage to Corticospinal Tract Detected by Diffusional Kurtosis Correlates with Motor Outcome at 3 Months After Stroke - A Preliminary Report
Wuwei Feng, Edward S Hui, Jenna-Lyn Johnson, Joseph A Helpern, Jens Jensen, Ali Tabesh, Leonardo Bonilha, Mark G Bowden, Steven Kautz, Robert J Adams, Medical Univ of South Carolina, Charleston, SC

Poster Board Number P45 / Presentation Number W P45

Comparison of Automated Whole Brain CT Perfusion Analysis with Perfusion-Diffusion MRI in Ischemic Stroke
Bruce C Campbell, Søren Christensen, Nawaf Yassi, Gagan Sharma, Andrew Bivard, Melbourne Brain Ctr @ RMH, The Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia; LongTin Lin, Christopher R Levi, Priority Res Ctr for Translational Neuroscience and Mental Health, John Hunter Hosp, Hunter Medical Res Inst, Univ of Newcastle, Newcastle, Australia; Patricia M Desmond, Melbourne Brain Ctr @ RMH, The Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia; Geoffrey A Donnan, Florey Inst of Neuroscience and Mental Health, Univ of Melbourne, Parkville, Australia, Parkville, Australia; Matus Straka, Maarten G Lansberg, Roland Bammer, Gregory W Albers, Stanford Stroke Ctr, Stanford Univ, Stanford, CA; Stephen M Davis, Melbourne Brain Ctr @ RMH, The Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia; Mark W Parsons, Priority Res Ctr for Translational Neuroscience and Mental Health, John Hunter Hosp, Hunter Medical Res Inst, Univ of Newcastle, Newcastle, Australia

Poster Board Number P46 / Presentation Number W P46

Blood Pressure, Clinical Improvement and Recanalization Following Acute MCA Occlusion
Nandakumar Nagaraja, NINDS, Bethesda, MD; Steven Warach, UT Southwest-ern Medical Ctr, Austin, TX; Amie W Hsia, Sungyoung Auh, Lawrence L Latour, José G Merino, NINDS, Bethesda, MD; For the LESION Investigators
Flow Phantom for the Validation and Quantitative Analysis of Computed Tomography Perfusion
Kevin Seals, David Wack, Steven Besch, Jason Fisher, Terrance Creighton, SUNY Buffalo Sch of Med, Buffalo, NY; Kenneth Snyder, Univ at Buffalo Neurosurgery, Buffalo, NY

Antegrade Flow Across Intravascular Thrombus on 4-dimensional CTA Predicts Early Vessel Recanalization After Thrombolysis
Andreas M Frölich, Marios M Psychogios, Ramona Schramm, Katrin Wasser, Michael Knauth, Peter Schramm, Univ Medical Ctr Göttingen, Göttingen, Germany

Defining the Acute Infarct Core with CT Perfusion in Ischemic Stroke: Physiological and Technical Issues
Christopher D d’Esterre, Univ of Western Ontario, London, ON, Canada; Enrico Fainardi, Neuroradiology Unit, Dept of Neurosciences and Rehabilitation, Ferrara, Italy; Ting Yim Lee, Univ of Western Ontario, Lawson Health Res Inst, London, ON, Canada

Defining the Hyper-acute Infarct Core in Porcine Model of Cerebral Ischemia: A Multi-modality Imaging Study
Christopher D d’Esterre, Univ of Western Ontario, London, ON, Canada; Enrico Fainardi, 3Neuroradiology Unit, Dept of Neurosciences and Rehabilitation, Ferrara, Italy; Ting Yim Lee, Univ of Western Ontario, Lawson Health Res Inst, London, ON, Canada

Racial Differences in Salvageable Ischemic Penumbra
Wazim Mohamed, Kushak Suchdev, Pratik Bhattacharya, Wayne State Univ/ Detroit Medical Ctr, Detroit, MI

A Novel CT-angiogram Based Recanalization Grading System (TICI-CTA) Correlates With Early Neurologic Response After Intravenous tPA Therapy
Sweta Adatia, Bijoy Menon, Calgary Stroke Program, Univ of Calgary, Canada, Calgary, AB, Canada; Sung II Sohn, Daegu, Korea, Republic of; Dar Dowlatshahi, Univ of Ottawa, Ottawa, ON, Canada; Anna Calleja, Univ of Valladolid, Valladolid, Spain; Alexandre Poppe, Univ of Montreal, Univ of Montreal, QC, Canada; Al Jin, Kingston General Hosp, Queen’s Univ, Kingston, ON, Canada; Francois Moreau, Jean-Martin Boulanger, Univ of Sherbrooke, Sherbrooke, QC, Canada; Josep Puig, Dr Joseph Trueta Univ Hosp, Girona, Spain; Negar Asdaghi, Univ of British Columbia, Vancouver, BC, Canada; Vivek Nambiar, Teri Stewart, Heidi Aram, Mayank Goyal, Andrew Demchuk, Calgary Stroke Program, Univ of Calgary, Canada, Calgary, AB, Canada

Can Attenuation Characteristics on Non Contrast CT be Used in Place of Diffusion FLAIR Mismatch in the Imaging Triage of Acute Ischemic Stroke Patients?
Bijoy K Menon, Aakash Mahajan, Vivek K Nambiar, Abdul Qazi, Emmad Qazi, Jayme Kosior, Michael D Hill, Mayank Goyal, Andrew Demchuk, Univ of Calgary, Calgary, AB, Canada; Sung II Sohn, Keimyung Univ, Korea, Republic of

Defining Acute Ischemic Stroke Tissue Pathophysiology Using Whole Brain 320 Slice CT Perfusion
Andrew Bivard, Univ of Melbourne, Melbourne, Australia; mark Parsons, Univ of Newcastle, Newcastle, Australia
A Comparison of Outcomes in Patients Selected for Endovascular Stroke Treatment with and without the Aid of CT Perfusion Imaging
Gregory Ferenz, Raymond Reichwein, Penn State Hershey Medical Ctr, Hershey, PA

Refinement of Imaging Predictors of Recurrent Events following Transient Ischemic Attack and Minor Stroke
Myles Horton, Univ of Calgary, Calgary, AB, Canada

Utility of Flat Panel CT Perfusion for Physiologic Assessment of Acute Ischemic Stroke in the Angiography Suite
Robert W Ryan, Paula Eboli, Michael J Alexander, Shlee S Song, Marcel M Maya, Franklin G Moser, Cedars-Sinai Medical Ctr, Los Angeles, CA

Acute Nonendovascular Treatment

Poster Board Number P56 / Presentation Number W P56
Poster Board Number P57 / Presentation Number W P57

Early Recanalization Rates Do Not Differ among Stroke Subtypes when Treated with Argatroban and Intravenous tPA: A Subanalysis of the Argatroban TPA Stroke Study
Andrew D Barreto, Waldo R Guerrero, Univ of Texas-Houston, Houston, TX; Andrei V Alexandrov, Univ of Alabama-Birmingham, Birmingham, AL; Patrick D Lyden, Cedars Sinai Medical Ctr, Los Angeles, CA; Yazan J Alderazi, Univ of Miami, Miami, FL; Jessica Lee, Univ of Texas-Southwestern, Dallas, TX; Sheryl Martin-Schuld, Tulane Univ Medical Ctr, Houston, LA; Loren Shen, Univ of Texas-Houston, Houston, TX; April Sisson, Univ of Alabama-Birmingham, Birmingham, AL; Clotilde Balucani, SUNY Downstate, New York, NY; Hui Peng, Sean I Savitz, Nicole R Gonzalez, Tzu-Ching Wu, Mohammad H Rahbar, Univ of Texas-Houston, Houston, TX; Georgios Tsivgoulis, Democritus Univ of Thrace, Alexandroupolis, Greece; Andrew M Demchuk, Univ of Calgary, Calgary, AB; James C Grotta, Univ of Texas-Houston, Houston, TX

IV rt-PA Treatment Response of The STROKE100 Club: Systematic Technique for Risk and Outcome Measurements Using Key Elements Totaling 100
Amy K Guzik, Rema Raman, Karin Ernstrom, Dawn M Meyer, Thomas Hemmen, UC San Diego, San Diego, CA; Arthur Pancioli, Univ of Cincinnati, Cincinnati, OH; Brett C Meyer, UC San Diego, San Diego, CA

Can Early Statin Administration in the Acute Stage of Ischemic Stroke Intensify the Effect of Thrombolysis?
Jihoon Kang, Nayoung Kim, Seoul Natl Univ Bundang Hosp, Seoul Natl Univ, Seongnam-si, Korea, Republic of; Ji Sung Lee, Junyeoung Lee, Korea Univ Coll of Med, Seoul, Korea, Republic of; Tae Hwan Park, Seoul Medical Ctr, Seoul, Korea, Republic of; Oh Young Bang, Sungsang Medical Ctr, Sungkyunkwan Univ Sch of Med, Seoul, Korea, Republic of; Moon-Ku Han, Seong-Ho Park, Hee-Joon Bae, Seoul Natl Univ Bundang Hosp, Seoul Natl Univ, Seongnam-si, Korea, Republic of

Pre-hospital Remote Ischemic Perconditioning - A Promising Neuroprotective Therapy
Kristina D Hougaard, Niels Hjort, Hans-Erik Betker, Leif H Sørensen, Anne Nørgaard, Leif Østergaard, Kim Mouridsen, Grethe Andersen, Aarhus Univ Hosp, Aarhus, Denmark
Enhanced Neuroprotection of Normobaric Oxygenation with Ethanol Conferred by Apoptosis Reduction in Acute Ischemic Stroke
Sweena Parmar, Xiaokun Geng, Changya Peng, Murali Guthikonda, Yuchuan Ding, Dept of Neurological Surgery, Wayne State Univ Sch of Med, Detroit, MI

Safety and Efficacy of Modest Blood Pressure Reduction with Valsartan in Acute Ischemic Stroke
Kyung-Ho Yu, Mi-Sun Oh, Hallym Univ, Anyang, Korea, Republic of; Keun-Sik Hong, Inje Univ Ilsan Paik Hosp, Ilsan, Korea, Republic of; Dong-Wha Kang, Asan Medical Ctr, Seoul, Korea, Republic of; Jong-Moo Park, Eulji Univ, Nowon Eulji Hosp, Seoul, Korea, Republic of; Hee-Joon Bae, Seoul Natl Univ Bundang Hosp, Bundang, Korea, Republic of; Ja-Seong Koo, Catholic Univ Seoul St Mary's Hosp, Seoul, Korea, Republic of; Im-Seok Koh, Natl Medical Ctr, Seoul, Korea, Republic of; Byung-Chul Lee, Hallym Univ, Anyang, Korea, Republic of

Mild Strokes: To Treat or Not To Treat
Marilyn M Rymer, Denesh Ratnasingam, Saint Lukes Neuroscience Inst, Kansas City, MO

Outcomes of Thrombolytic Treatment for Acute Ischemic Stroke in Dialysis Dependant Patients in the United States
Nauman Tariq, Saqib Chaudhary, Malik M Adil, Maryam Saeed, Adnan I Qureshi, Zeenat Qureshi Stroke Res Ctr, Minneapolis, MN

Metalloproteinase-9 Higher Increase After Thrombolysis is Associated With Hemorrhagic Transformation of Lesion and With Poor Stroke Outcome
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Factors Associated with Reversed Discrepancy between CT and Diffusion-Weighted Imaging in Hyperacute Ischemic Stroke Patients
Hiroyuki Kawano, Saiseikai Kumamoto Hosp, Kumamoto, Japan; Teruyuki Hirano, Dept of Internal Med III, Faculty of Med, Oita Univ, Oita, Japan; Makoto Nakajima, Yuichiro Inatomi, Toshiro Yonehara, Saiseikai Kumamoto Hosp, Kumamoto, Japan

Extending the Time Window with Low Dose IV Abciximab in Acute Non-Lacunar Stroke
Pitchaiah Mandava, Raymond U Weir, Shreyansh D Shah, Yousef Hannawi, Santosh B Murthy, Jane A Anderson, William Dalmeida, Roderic H Fabian, Thomas A Kent, Michael E DeBakey VA Medical Ctr & BCM, Houston, TX

The Effect of Time to Treatment on Outcome in Very Elderly Thrombolysed Stroke Patients
Benedikt Frank, Univ Hosp Essen, Essen, Germany; Rachael L Fulton, Kennedy R Lees, Univ of Glasgow, Glasgow, United Kingdom; on behalf of the VISTA Collaboration
Poster Board Number P70 / Presentation Number W P70
Do Stroke Patients Benefit from Thrombolysis Despite Contraindications or Warnings?
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Poster Board Number P71 / Presentation Number W P71
Recanalization Leads to Early Clinical Improvement in Patients Treated With Argatroban And Intravenous TPA a Subanalysis of the Argatroban Tpa Stroke Study
Waldo R Guerrero, Univ of Texas Houston Health Science Ctr, Houston, TX; Andrei V Alexandrov, Univ of Alabama-Birmingham, Birmingham, AL; Pat Lyden, Cedars Sinai Medical Ctr, Los Angeles, CA; Yayan Alderazi, Univ of Miami, Miami, FL; Jessica Lee Lee, Univ of Texas-Southwestern, Dallas, TX; Sheryl Martin-Schild, Tulane, New Orleans, LA; Loren Shen, Univ of Texas Houston Health Science Ctr, Houston, TX; April Sisson, Univ of Alabama-Birmingham, Birmingham, AL; Clotilde Balucani, SUNY Downstate, New York, NY; Hui Peng, Sean I Savitz, Nicole R Gonzales, Tzu-Ching Wu, Mohammad H Rabbab, Univ of Texas Houston Health Science Ctr, Houston, TX; Georgios Tsivgoulis, Democritus Univ of Thrace, Alexandroupolis, Greece; Andrew M Demchuk, Univ of Calgary, Calgary, AB, Canada; James C Grotta, Andrew D Barreto, Univ of Texas Houston Health Science Ctr, Houston, TX

Poster Board Number P72 / Presentation Number W P72
Safety of Label- and Protocol Violations in Acute Stroke tPA Administration
Michael J Lyerly, Karen C Albright, Amelia K Boehme, Reza Bavarsad Shahri-pour, James T Houston, Pawan V Rawal, Niren Kapoor, Muhammad Alvi, April Sisson, Univ of Alabama at Birmingham, Birmingham, AL; Anne W Alexander, Comprehensive Stroke Ctr, Univ of Alabama at Birmingham, Birmingham, AL; Andrei V Alexandrov, Comprehensive Stroke Ctr, Univ of Alabama at Birmingham, Birmingham, AL

Poster Board Number P73 / Presentation Number W P73
Potentially Fatal Adverse Allergic Events to Intravenous Thrombolytics: An analysis from Adverse Event Reporting System
Asif A Khan, Amna Zarar, Malik M Adil, Adnan I Qureshi, Zeenat Qureshi Stroke Res Ctr, Minneapolis, MN

Poster Board Number P74 / Presentation Number W P74
Long-term Outcome of Cognition Related to Treatment and Observation in Unruptured Intracranial Aneurysms
Andrea Holcombe, Univ of Iowa, Iowa City, IA; Irene Meissner, Mayo Clinic, Rochester, MN; Tim Torner, Univ of Iowa, Iowa City, IA; David Piepras, John Huston, Mayo Clinic, Rochester, MN; Jie Zhang, Univ of Iowa, Iowa City, IA; Robert Brown, Mayo Clinic, Rochester, MN; ISUIA Investigators

Poster Board Number P75 / Presentation Number W P75
Dual Antiplatelet Therapy in Addition to Post-Operative Heparin and Dextran Reduces Clinically Symptomatic Thromboembolic Events During Elective Aneurysm Coiling
TJ Wilson, Matthew Davis, Aditya S Pandey, William Stetler, Neeraj Chaudhary, Joseph Gemmte, B Gregory Thompson, Univ of Michigan, Ann Arbor, MI
Investigation of the Influence of Coil Configuration on Cerebral Aneurysm Fluid Dynamics Using a Novel Finite Element Approach
Haithem Babiker, Arizona State Univ, Tempe, AZ; L Fernando Gonzalez, Jefferson Medical Coll, Philadelphia, PA; Brian Chong, Mayo Clinic Arizona, Scottsdale, AZ; David H Frakes, Arizona State Univ, Tempe, AZ

Safety and Efficacy of Endovascular Treatment of Superior Hypophyseal Artery Aneurysms: A Review of 86 Cases
Jun Haruma, Kenji Sugiu, Koji Tomokuna, Tomohito Hishikawa, Kyouhei Kin, Naoya Kidani, Tomohisa Shimizu, Yu Ohkuma, Masafumi Hiramoto, Isao Date, Okayama Univ, Okayama, Japan

Identifying Aneurysm Growth Based on Imaging: A Size Increase of 08-09 mm is the Optimal Threshold to Classify Growth
Suraj V Patel, Aichi Chien, David Geffen Sch of Med at UCLA, Los Angeles, CA

Choice of Treatment and Effect on Hemorrhage Rates of Unruptured Intracranial Aneurysms
James Torner, Jie Zhang, Univ of Iowa, Iowa City, IA; David Piepgras, John Huston, Irene Meissner, Mayo Clinic, Rochester, MN; Robert Brown, Mayo Clinic, Iowa City, MN; ISUIA Investigators

Cocaine Use and Aneurysmal Subarachnoid Hemorrhage
Ingrid O Normen-Smith, Chirag D Gandhi, Andrea Hidalgo, Charles J Prestigiacomo, UMDNJ-New Jersery Medical Sch, Newark, NJ

Outcomes Following X- and Y-Configuration Stent-Assisted Coil Embolization of S2 Complex Bifurcation Cerebral Aneurysms
Marc A Lazzaro, Kaiz S Asif, Brial-Fred Fitzsimmons, John R Lynch, Osama O Zaidat, MCW, Milwaukee, WI

Effect of Ultra-early Endovascular Intracranial Aneurysm Treatment on Rebleeding and Outcomes in Patients With Subarachnoid Hemorrhage Nauman Tariq, Nathan Sit, Malik M Adil, Ashter Rizvi, Waqas I Gilani, Adnan I Qureshi, Zeenat Qureshi Stroke Res Ctr, Minneapolis, MN

Racial and Gender Disparities in the Treatment of Cerebral Aneurysms in the United States: The Gap is Narrowing
Elizabeth B Claus, Yale Univ, New Haven, CT

Temporal Trends in Nimodipine Use Among Aneurysmal Subarachnoid Hemorrhage Patients in the US
Lincoln Jimenez, Simona Ferioli, Univ of Cincinnati, Cincinnati, OH; Patricia Herbers, Jane Khoury, Childrens Hosp, Cincinnati, OH; Opeolu Adeoye, Pooja Khatri, Dawn Kleindorfer, Univ of Cincinnati, Cincinnati, OH

Risk Factors for Stenosis of Stents Utilized for Stent Assisted Coiling of Unruptured Intracranial Aneurysms
Noah Beadell, Hormozd Bozorgchami, Jeremy Fields, Oregon Health and Science Univ, Portland, OR
Anterior Communicating Artery Cerebral Aneurysms, 10-year Treatment Experience at a Tertiary Referral Medical Center: Large Prevalence of Ruptured Small Aneurysms
Jeffrey T Nelson, Sunil Manjila, Eric S Lee, Nicholas C Bambakidis, Warren R Selman, Kristine A Blackham, Univ Hosp/Case Medical Ctr, Cleveland, OH

Endovascular Treatment of Very Small Ruptured Intracranial Aneurysms: Complications, Occlusion Rates and Prediction of Outcome

Predictors of Outcome for Procedural Perforation During Coiling of Intracranial Aneurysms: A Single Center Experience
Ziad A Hage, Ali Alaraj, Sepideh Amin-Hanjani, Victor A Aletich, Univ of Illinois at Chicago, Chicago, IL

Endovascular Treatment of Very Small Ruptured Intracranial Aneurysms: Complications, Occlusion Rates and Prediction of Outcome

Hemodynamic Differences Found in Ruptured and Unruptured Aneurysms - Quantitative Comparison of 41 Cases from a Single Location
Aichi Chien, James Sayre, Fernando Vinuela, UCLA, Los Angeles, CA

Immunohistochemical Analysis of a Ruptured Basilar Top Aneurysm Treated With Coil Embolization in 1990
Ichiro Yuki, UCLA Medical Ctr, Los Angeles, CA; Daniel Spitzer, Hudson Valley Neurosurgery, Suffern, NY; Motoaki Fujimoto, Hiroyuki Takao, UCLA Medical Ctr, Los Angeles, CA; Yuichi Murayama, Jikei Univ Sch of Med, Tokyo, Japan; Fernando Vinuela, UCLA Medical Ctr, Los Angeles, CA

Open-cell Stent Design for Coil Embolization of Side Branching Vessel Internal Carotid Artery Aneurysms: Clinical and Angiographic Results
Samuel Y Hou, Anna Luisa Kuhn, Matthew J Gounis, Ajay K Wakhloo, UMASS Medical Ctr, Worcester, MA

Human Neural Stem Cells Enhance Synaptic Structural Remodeling in the Ischemic Brain

CD4+ T Helper Cell Mediated Regulation Of Cerebral Ischemia In Vitamin D Deficient Rats
Robyn Balden, Robert C Alaniz, Farida Sohrabji, Texas A&M Health Science Ctr, Bryan, TX
Delayed SDF-1 Hyperexpression Promotes Neural Stem Cell Migration and Maturation without Increasing Inflammation after Ischemic Stroke in Mice
Yaning Li, Jun Huang, Xiaosong He, Yaohui Tang, Yifan Lv, Guanghui Tang, Guoyuan Yang, Yongtang Wang, Med-X Res Inst, Shanghai JiaoTong Univ, Shanghai, China

Delayed Progesterone Treatment Attenuates Infarct and Behavioral Deficits Induced by Permanent Middle Cerebral Artery Occlusion (pMCAO) in Middle-Aged Rats: Therapeutic Time Window Study
Bushra Wali, Iqbal Sayeed, Tauheed Ishrat, Seema Yousuf, Soonmi Won, Donald G Stein, Emory Univ, Atlanta, GA

Age Related Decline of Oligodendrogenesis After White Matter Injury
Nobukazu Miyamoto, Kazuhide Hayakawa, Loc-Duyen D Pham, Toshinori Matsuzaki, Jia Hae Seo, Neuroprotection Res Lab Depts of Radiology and Neurology, Massachusetts General Hosp and Harvard Medical Sch, Charlestown, MA; Kyu-Won Kim, NeuroVascular Coordination Res Ctr, Coll of Pharmacy and Res Inst of Pharmaceutical Sciences, Seoul Natl Univ, Seoul, Korea, Republic of; Caroline Magnain, Athinoula A Martinos Ctr for Biomedical Imaging, Dept of Radiology, Charlestown, MA; David Boas, Athinoula A Martinos Ctr for Biomedical Imaging, Dept of Radiology, Massachusetts General Hosp and Harvard Medical Sch, Charlestown, MA; Eng H Lo, Ken Arai, Neuroprotection Res Lab Deps of Radiology and Neurology, Massachusetts General Hosp and Harvard Medical Sch, Charlestown, MA

Microglia/macrophage Polarization Dynamics Reveal Novel Mechanism of Injury Expansion After Focal Cerebral Ischemia
Xiaoming Hu, Peiying Li, Univ of Pittsburgh, Pittsburgh, PA; Yanling Guo, Fudan Univ, Shanghai, China; Haiying Wang, Yanqin Gao, Jun Chen, Univ of Pittsburgh, Pittsburgh, PA

Post-stroke PPAR Activation Promotes the Proliferation and Differentiation of Innate- And Bone Marrow-derived Stem Cells in Subventricular Zone, Leading to Vasogenesis and Neurogenesis in Cortex
Tomoya Kinouchi, Yoshihiko Kurashiki, The Univ of Tokushima Graduate Sch, Japan, Tokushima, Japan

Hydrogen Sulfide Increases Angiogenesis and Improves Functional Outcome After Stroke
Mi-Young Oh, Hyunduk Jang, Seung-Hoon Lee, Wi-Sun Ryu, Byung-Woo Yoon, Seoul Natl Univ Hosp, Seoul, Korea, Republic of

Localization of Stereotactic Injections of Human iNP cells One Week Post-MCAL Stroke is Critical in Reducing Stroke Lesion Injury
Andy Zhu, Jun Ma, Harrison Grace, Georgia Health Sciences Univ, Augusta, GA; Steven L Stice, Franklin D West, Univ of Georgia, Athens, GA; Md N Hoda, Galina Kondrikova, Sudharsan Periyasamy-Thanavari, Maribeth H Johnson, Georgia Health Sciences Univ, Augusta, GA; Mathew Hess, Univ of Georgia, Athens, GA; James E Carroll, William D Hill II, Georgia Health Sciences Univ, Augusta, GA; David C Hess, Georgia health Sciences Univ, Augusta, GA
Interleukin-21 Promotes Neuronal Autophagy Following Cerebral Ischemia
Ben Clarkson, Samuel J Ollar, Alec Walker, Zsuzsa Fabry, Univ of Wisconsin, Madison, WI

Endothelial Nitric Oxide Synthase Regulates White Matter Changes after Stroke
Xu Cui, Michael Chopp, Tao Yan, Ruizhuo Ning, Cynthia Roberts, Alex Zacharek, Poomima Venkat, Jieli Chen, Henry Ford Hosp, Detroit, MI

Chemical Preconditioning Enhances the Effectiveness of Stem Cell Therapy in Ischemic Stroke
Hiroyuki Sakata, Kuniyasu Nizuma, Tohoku Univ Graduate Sch of Med, Sendai, Japan; Purimina Narasimhan, Takuma Wakai, Stanford Univ Sch of Med, Stanford, CA; Miki Fujimura, Teiji Tominaga, Tohoku Univ Graduate Sch of Med, Sendai, Japan; Pak H Chan, Stanford Univ Sch of Med, Stanford, CA

An Effective Delayed Treatment for Ischemic Stroke Uses Fluoxetine and Simvastatin
Adrian Corbett, Scott Sieber, Nicholas Wyatt, Jenna Lizzi, Tiffany Flannery, Bethany Sibbitt, Saagar Sanghvi, Wright State Univ, Dayton, OH

Remote Ischemic Per-Conditioning (RIPerC) is Protective after Embolic Stroke in Ovariectomized Female Mice
Md Nasrul Hoda, Kanchan Bhatia, Saif Ahmad, Sherif S Hafez, Sudharsan Periyasamy-Thandavan, Herberg Samuel, William D Hill, Adviye Ergul, Georgia Health Sciences Univ, Augusta, GA; Susan C Fagan, Univ of Georgia, Augusta, GA; David C Hess, Georgia Health Sciences Univ, Augusta, GA

Optogenetic Stimulation of Human Neural Stem Cell Grafts in Ischemic Brain
Marcel Daadi, Soo Yeun Lee, Bryce Bajar, Maisie Lo, Charu Ramakrishnan, Guohua Sun, Karl Deisseroth, Gary Steinberg, Stanford Univ, Stanford, CA

Effect of Human Amnion Epithelial Cell Therapy on Stroke Outcome in Mice
Brad Broughton, Rebecca Lim, Euan Wallace, Grant Drummond, Christopher Sobey, Monash Univ, Clayton Vic, Australia

Glucagon-Like Peptide-1 Has Anti-Inflammatory Effects Through Increasing IB1, a Scaffold Regulator of JNK, in Cerebral Ischemia
Soojin Kim, Jiwon Yang, Jaewon Jeong, Siyun Jeong, Hyesun Jeong, Bokyung Kim, Jeong-Soo Kim, Yun Seon Song, Sookmyung Women's Univ, Seoul, Korea, Republic of

TLR5 is Related to Neuroprotective Mechanism of Postconditioning Through NF-κB-Αkt Survival Pathway in Cerebral Ischemia
Jaewon Jeong, Jiwon Yang, Soojin Kim, Hyesun Jeong, Bokyung Kim, Siyun Jung, Jeong-Soo Kim, Yun Seon Song, Sookmyung Women's Univ, Seoul, Korea, Republic of
Poster Board Number P111 / Presentation Number W P111
The Impact of Statins on the Blood Brain Barrier Might Adversely Affect Autologous Bone Marrow Cell Therapy in Acute Stroke
Osman Mir, Bing Yang, Claude Nguyen, Kaushik Parsha, Sean I Savitz, UT Houston, Houston, TX

Poster Board Number P112 / Presentation Number W P112
The TLR9 Ligand, CpG-ODN, Induces Protection Against Cerebral Ischemia/reperfusion Injury via a PI3K/Akt Dependent Mechanism
Chen Lu, Tuanzhu Ha, Xiaoheui Wang, East Tennessee State Univ, Johnson City, TN; Li Liu, Jiangsu Provincial People’s Hosp, Nanjing, China; John Schweitzer, John Kolbitz, David Williams, Chuanfu Li, East Tennessee State Univ, Johnson City, TN

Poster Board Number P113 / Presentation Number W P113
Administration of Direct Angiotensin II Type-2 Receptor Agonist, Compound 21, Even After Stroke Prevents Ischemic Brain Damage
Masaki Mogi, Li-Juan Min, Fei Jing, Kana Tsukuda, Kousei Ohshima, Hirotomo Nakaoka, Jun Iwamino, Masatsugu Horiuchi, Ehime Univ Graduate Schl Med, Tohon Ehime, Japan

Poster Board Number P114 / Presentation Number W P114
Alteration in Gene Expression Profiles in Aging Cerebral Cortex Prior to the Occurrence of Stroke in Stroke-Prone Spontaneously Hypertensive Rats
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Poster Board Number P115 / Presentation Number W P115
Netrin-1 Promotes Oligodendrogenesis After Experimental Stroke
Xiaosong He, Yongting Wang, Yanling Li, Yifang Lv, Yaohui Tang, Xiaojie Lin, Guoyuan Yang, Med-X Res Inst, Shanghai, China

Poster Board Number P116 / Presentation Number W P116
Early Hypothermia, but not Delayed Hypothermia Ameliorates Ischemic Stroke Through Anti-inflammatory Process
Masahito Kawabori, Masaaki Hokari, Xian Nan Tang, Zhen Zheng, Cyrus Calosing, Midori A Yenari, Univ of California, San Francisco/VA Medical Ctr, San Francisco, CA

Poster Board Number P117 / Presentation Number W P117
Ischemic Post-conditioning Partially Reverses Cell Cycle Re-entry Following Transient Ischemia/Reperfusion Injury
Haiping Zhao, Yumin Luo, Rongliang Wang, Xiangrong Liu, Feng Yan, Xiaomeng Liu, Sijie Li, Rehana K Leak, Xuming Ji, Cerebrovascular Diseases Res Inst, Xuanwu Hosp of Capital Medical Univ, Beijing, China

Poster Board Number P118 / Presentation Number W P118
The Flavanol (-)-Epicatechin Improves Functional Recovery in Mice Subjected to Experimental Stroke
Christopher C Leonardo, Sean Robbins, Abdullah A Ahmad, Sylvain Dore, Anesthesiology, Neurology, Psychiatry, Neuroscience Depts, Ctr for Translational Res in Neurodegenerative Disease, Univ of Florida, Gainesville, FL
Poster Board Number P119 / Presentation Number W P119
Platelet-Oriented Inhibition in New TIA and Minor Ischemic Stroke (POINT) Trial
J Donald Easton, S Claiborne Johnston, Univ of California San Francisco, San Francisco, CA

Poster Board Number P120 / Presentation Number W P120
Granulocyte-Colony Stimulating Factor in Ischemic Stroke Trial (GIST): A Pilot Study
Michael Sharma, Div of Neurology, Dept of Med, Univ of Ottawa, Ottawa, ON, Canada; David Gladstone, Sandra Black, Div of Neurology, Dept of Med, Univ of Toronto, Toronto, ON, Canada; Dylan Blacquiere, Matthew Hogan, Grant Stotts, Div of Neurology, Dept of Med, Univ of Ottawa, Ottawa, ON, Canada; Lisa Walker, Sch of Psychology, Faculty of Social Sciences, Univ of Ottawa, Ottawa, ON, Canada; Harry Atkins, Div of Hematology, Dept of Med, Univ of Ottawa, Ottawa, ON, Canada

Poster Board Number P121 / Presentation Number W P121
Brain Structures Anomalities Detected by Voxel Based Morphometry in Individuals With Asymptomatic Carotid Stenosis
Wagner M Avelar, Anelyssa D’Abreu, Fabricio Oliveira Lima, Clarissa Lin Yasuda, Ana Carolina Coan, Cynthia Resende Campos-Herrera, Ana Terezinha Guillaum-mon, Li Li Min, Fernando Cendes, UNICAMP, Campinas, Brazil

Poster Board Number P122 / Presentation Number W P122
The Coexisting Leukoaraiosis in Ischemic Stroke Patients: How does it Change Over Time?
A-hyun Cho, Catholic Univ, Seoul, Korea, Republic of; Seung-Jae Lee, Sejong General Hosp, Bucheon, Korea, Republic of; Si Baek Lee, Ui-Jeong Bu StMary’s Hosp, Catholic Univ, Ui-Jeongbu, Korea, Republic of; Soo-Jeong Han, Woojoon Kim, Beum Saeng Kim, Catholic Univ, Seoul, Korea, Republic of

Poster Board Number P123 / Presentation Number W P123
Determinants of Cerebral Hyperperfusion Syndrome After Extracranial-intracranial Artery Bypass in Severe Intracranial Steno-occlusive Disease
Vijay Sharma, Leonard L Yeo, Aftab Ahmad, Teo Ke Jia, Sein Iwin, Yeo T Tsai, Chou Ning, Arvind Sinha, Teoh Hock Luen, Bernard Chan, NUHS, Singapore, Singapore

Poster Board Number P124 / Presentation Number W P124
Targeting Prodeath Signaling Upstream of Mitochondria Damage-cathepsins in Astrocytes Contributes to Neuroprotection Against Cerebral Ischimia
Huiling Zhang, Min Xu, Lei Yang, Soochow Univ, Suzhou, China; Katunuma Nobuhiko, Kazumi Ishidoh, Tokushima Bunri Univ, Tokushima, Japan

Poster Board Number P125 / Presentation Number W P125
Comparison of Carotid Intraplaque Hemorrhage With Other Markers of Plaque Vulnerability
Joseph S McNally, Seong-Eun Kim, Hyo-Chun Yoon, John Roberts, Krishna Narra, Dennis Parker, Univ of Utah, Salt Lake City, UT; Gerald Treiman, VA Salt Lake City Health Care System, Salt Lake City, UT

Poster Board Number P126 / Presentation Number W P126
Utility of Transthoracic Echocardiography in Guiding Secondary Stroke Prevention
Bryan J Eckerle, Andrew M Southerland, Heather Turner, Karen C Johnston, Bradford B Worrall, Univ of Virginia, Charlottesville, VA
Poster Board Number P127 / Presentation Number W P127
TAK-242, an Antagonist for Toll-like Receptor 4, Protects against Acute Cerebral Ischemia/Reperfusion Injury in Mice
Fang Hua, Jun Wang, Huiling Tang, Megan Prunty, Tauheed Ishrat, Fahim Atif, Iqbal Sayeed, Donald Stein, Emory Univ, Atlanta, GA

Poster Board Number P128 / Presentation Number W P128
Blood Sampling Oxygen Extraction Fraction as Predictors of Hyperperfusion Phenomenon Following Carotid Artery Stenting
Tomonori Iwata, Takahisa Mori, Yuichi Miyazaki, Masahito Nakazaki, Yoichiro Takahashi, Koji Mizokami, Shonan Kamakura General Hosp Stroke Ctr, Kamakura, Japan

Poster Board Number P129 / Presentation Number W P129
The Potential Impact of Maintaining a 3-Hour IV tPA Window
Michael J Lyerly, Karen C Albright, Amelia K Boehme, Reza Bavarsad Shahripour, James T Houston, Pawan V Rawal, Niren Kapoor, Muhammad Alvi, April Sisson, Univ of Alabama at Birmingham, Birmingham, AL; Anne W Alexandrov, Comprehensive Stroke Ctr, Sch of Nursing, Univ of Alabama at Birmingham, Birmingham, AL; Andrei V Alexandrov, Comprehensive Stroke Ctr, Univ of Alabama at Birmingham, Birmingham, AL

Poster Board Number P130 / Presentation Number W P130
Association of Large Inter-arm Blood Pressure Difference With Mortality and Systemic Atherosclerosis in Acute Stroke Patients
Jinkwon Kim, CHA Univ Sch of Med, Seongnam, Korea, Republic of; Taek-Jin Song, Dongbeom Song, Yonsei Univ Coll of Med, Seoul, Korea, Republic of; Seung Hun Oh, Ok Joon Kim, CHA Univ Sch of Med, Seongnam, Korea, Republic of; Hyo Suk Nam, Young Dae Kim, Ji Hoe Heo, Yonsei Univ Coll of Med, Seoul, Korea, Republic of

Poster Board Number P131 / Presentation Number W P131
Correlation of Cardiac Derangement in Patients with Right-Sided Ischemic Stroke and the Severity of Insular Damage
Jiangyong Min, Sparrow Healthy System and Michigan State Univ, East Lansing, MI; Yong H Pratt, Dept of Internal Med, McLaren Greater Lansing Hosp and Michigan State Univ, East Lansing, MI; Mhd Khaled Alshalian, Ryan Smith, Adnan Saifdar, Syed Hussain, Mounzer Kassab, Sparrow Healthy System and Michigan State Univ, East Lansing, MI

Poster Board Number P132 / Presentation Number W P132
Relationship of Neck Circumference and Insulin Resistance on the Cerebrovascular Reactivity in Subjects With Obesity
Marcela Rodríguez-Flores, Eduardo García-García, Claudia Vanessa Cano-Nigenda, Carlos Cantú-Brito, Insto Nacional de Ciencias Médicas y Nutrición, Mexico City, Mexico

Poster Board Number P133 / Presentation Number W P133
L-serine Treatment Confers Neuroprotection Against Permanent Focal Cerebral Ischemia in Rats via Improving Regional Cerebral Blood Flow
Guohua Wang, Zhenglin Jiang, Taojie Ren, Xia Li, Inst of Nautical Med, Nantong Univ, Nantong, China; Yunfeng Zhang, Kafu Ke, Dept of Neurology, Affiliated Hosp, Nantong Univ, Nantong, China; Yanqin Gao, State Key Lab of Medical Neurobiology, Fudan Univ, Shanghai, China

Poster Board Number P134 / Presentation Number W P134
Expression of Nox4 and Nox5 are Associated with Carotid Vulnerable Atherosclerotic Plaque in a Swine Model
Zhong-Song Shi, Jin-Shan Wang, Xiao-Bing Jiang, Wei-Si Yuan, Zhong Liu, Dept of Neurosurgery, First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou, China
Sinus Bradycardia as a Potential Predictive Factor for Paroxysmal Atrial Fibrillation in Stroke Patients
Takao Hoshino, Kentaro Ishiduka, Takehiko Nagao, Satoru Shimizu, Shinichiro Uchiyama, Tokyo Women’s Medical Univ, Tokyo, Japan

Enhanced Carotid Plaque on Contrast-enhanced Ultrasound is Associated with Plaque Instability and Symptomatic Patients
Noriko Matsumoto, Kazumi Kimura, Dept of Stroke Med, Kawasaki Medical Scool, Okayama, Japan; Masaaki Uno, Dept of Neurosurgery, Kawasaki Medi-cal Scool, Okayama, Japan; Kenichirou Sakai, Dept of Stroke Med, Kawasaki Medical Scool, Okayama, Japan; Yoshito Sadahira, Hirotake Nishimura, Dept of Pathology, Kawasaki Medical Scool, Okayama, Japan

Improvement of Cerebrovascular Reactivity After Carotid Stenting is Greater in Non-Diabetic than in Diabetic Patients: a Bold-FMRI Study
Kelley C Mazzetto-Betti, Luis H Castro-Affonso, Renata F Leoni, Antonio C dos Santos, Daniel G Abud, João P Leite, Octavio M Pontes Neto, Univ of São Paulo/ Ribeirão Preto Sch of Med, Ribeirão Preto, Brazil

Jiedu Tongluo Injection, a Chinese Herbal Extract Complex Prescription, Protects Cerebral Ischemia/Reperfusion by Modulating Inflammatory Cascade
Lifei Wu, Beijing Univ of Chinese Med, Beijing, China; Huiwang Tang, Emory Univ, Atlanta, GA; Fang Hua, Xuzhou Medical Coll, Xuzhou, China; Yue Xing, Yalan Guan, Dan Zhao, Zhenquan Liu, Beijing Univ of Chinese Med, Beijing, China

Ulceration and Symptomatic Plaque Predict Post Procedural Plaque Protrusion Following Carotid Artery Stenting
Naoki Hashimura, Tatsushi Mutoh, Kazuya Matsuda, Keigo Matsumoto, Shakai-hoken Kobe Central Hosp, Kobe, Japan

Concurrent Anterior Cerebral Artery Involvement is Predictive of Mortality in Severe Middle Cerebral Artery Ischemic Stroke
Brian P Walcott, Massachusetts General Hosp, Boston, MA; Jennifer C Miller, Univ of Maryland Sch of Med, Baltimore, MD; Churl S Kwon, Sameer A Sheth, Massachusetts General Hosp, Boston, MA; Marc R Hiller, Carolyn A Cronin, Univ of Maryland Sch of Med, Baltimore, MD; Lee H Schwamm, Massachusetts General Hosp, Boston, MA; J Marc Simard, Univ of Maryland Sch of Med, Baltimore, MD; William T Kimberly, Massachusetts General Hosp, Boston, MA; Kevin N Sheth, Univ of Maryland Sch of Med, Baltimore, MD

The Role of Paroxysmal Atrial Fibrillation in Patients With Retinal Artery Occlusion (rao)
Antje Ammermann, Janina Best, Inka Arnold, Andre Duvinage, Raoul Stahren-berg, Frank Edelmann, Georg August Univ Goettingen, Goettingen, Germany; Klaus Groeschel, Johannes Gutenberg Univ Mainz, Mainz, Germany; Nicolas Feltgen, Rolf Wachten, Georg August Univ Goettingen, Goettingen, Germany

Low Risk of Posterior Circulation Stroke in Ischemic Stroke Patients With Vertebral Artery Ostium Stenosis
Seung Hoon Song, Joon Hwa Lee, Neurology Konkuk Univ Hosp, Seoul, Korea, Republic of; So Young Moon, Neurology Ajou Univ Hosp, Seoul, Korea, Republic of; Hahn Young Kim, Neurology Konkuk Univ Hosp, Seoul, Korea, Republic of
Inflammation Affecting to New Cerebral Infarcts in Carotid Atherosclerosis
Hye-Jin Kim, Jae Seung Kim, Yong-Pil Cho, Sun U Kwon, Jong S Kim, Dong-Wha Kang, Asan Medical Ctr, Seoul, Korea, Republic of

Long Term Safety and Efficacy of Dual Versus Mono Antiplatelet Therapy in Patients With Previous Stroke or TIA
Kailash Krishnan, Philip M Bath, The Univ of Nottingham, Nottingham, United Kingdom

Medtronic Driver® Balloon-mounted Coronary Stent System in Endovascular Neurointervention: Off-label Clinical Experience at a Tertiary Referral Medical Center
Sunil Manjila, Richard S Jung, Benny S Kim, Daniel P Hsu, Kristine Blackham, Robert W Tarr, Jeffrey L Sunshine, Univ Hosp Case Medical Ctr, Cleveland, OH

Degree of Carotid Stenosis is Associated with Coated-platelet Levels
Angelia Kirkpatrick, Univ of Oklahoma Health Sciences Ctr, Oklahoma City, OK; Andrea Vincent, Univ of Oklahoma, Norman, OK; George Dale, Calin Prodan, Univ of Oklahoma Health Sciences Ctr, Oklahoma City, OK

Multimodal CT: Favorable Outcome Factors in Acute Middle Cerebral Artery Stroke With Large Artery Occlusion
Joon Hwa Lee, Seung Hoon Song, Neurology Konkuk Univ Hosp, Seoul, Korea, Republic of; So Young Moon, Neurology Ajou Univ Hosp, Seoul, Korea, Republic of; Hahn Young Kim, Neurology Konkuk Univ Hosp, Seoul, Korea, Republic of

The BRIDGE Project (BRIDGing the gap in strokE management): Trans-Atlantic Differences in Management of Carotid Stenosis
Clotilde Balucani, Vanessa Arnedo, Dept of Neurology, SUNY Downstate Medical Ctr, Brooklyn, NY; Didier Leys, The Dept of Neurology, EA 1046, Stroke Unit, Lille Univ Hosp, Lille, France; Jean-Louis Mas, Neurology Dept and Stroke Unit, Paris Descartes Univ, INERIM UMR S 894, Sainte-Anne Hosp, Paris, France; Martin Brown, The Stroke Res Group, UCL Inst of Neurology, London, United Kingdom; James C Grotta, Nicole R Gonzales, Sean I Savitz, The Dept of Neurology, UTHHealth Medical Sch, Houston, TX; Werner Hacke, The Dept of Neurology, Im Neuenheimer Feld 400, D-69120, Heidelberg, Germany; Thomas Brott, The Dept of Neurology,The Mayo Clinic, Jacksonville, FL; Steven R Levine, Dept of Neurology, SUNY Downstate Medical Ctr, Brooklyn, NY

Anti-inflammatory Effect of Cilostazol on Silent Brain Infarction

Restenosis after Carotid Endarterectomy
Norikata Kobayashi, Nati Cerebral and Cardiovascular Ctr, Osaka, Japan; Morio Takasaki, Kansai Electric Power Hosp, Osaka, Japan; Kaname Ito, Daisuke Maruyama, Daizo Ishii, Kenichi Morita, Tetsu Satow, Hiroharu Kataoka, Koji Iihara, Nati Cerebral and Cardiovascular Ctr, Osaka, Japan
Poster Board Number P151 / Presentation Number W P151

"^{18}F-FDG Uptake Identify Vulnerable Carotid Plaque on PET/CT in a Swine Model
Zhong-Song Shi, Jin-Shan Wang, Dept of Neurosurgery, First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou, China; Xiang-Song Zhang, Dept of Nuclear Med, First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou, China; Xiao-Bing Jiang, Dept of Neurosurgery, First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou, China; Dong-hong Liu, Dept of Ultrasound Imaging, First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou, China; Ming-Chang Li, Dept of Neurosurgery, Second Affiliated Hosp of Guangzhou Medical Coll, Guangzhou, China; Xin-Chong Shi, Dept of Nuclear Med, First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou, China; Zhong Liu, Dept of Neurosurgery, First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou, China

Poster Board Number P152 / Presentation Number W P152

The Predictive Value of VEGF and SDF-1γ for the Functional Outcome in Patients with Acute Lacunar Infarction Superimposed on Silent Brain Infarction

Poster Board Number P153 / Presentation Number W P153

Effects of Clot Maturation and Intravascular Ultrasound Characteristics on Effectiveness of Aspiration Thrombectomy
Masaki Watanabe, Shahram Majidi, Univ of Minnesota, Minneapolis, MN; Akira Todo, Westchester Medical Ctr, Valhalla, NY; Saqib A Chaudhry, Malik Muhammad Adil, Syeda Laila Alqadri, Adnan I Qureshi, Univ of Minnesota, Minneapolis, MN

Poster Board Number P154 / Presentation Number W P154

Chinese-Canadian Stroke Patients With Diabetes Display Unique Hypertension Profile: A Ten-year Epidemiology Study
Susy Lam, Faculty of Science, Univ of Waterloo, Waterloo, ON, Canada; Joseph Y Chu, Faculty of Med, Univ of Toronto, Toronto, ON, Canada

Poster Board Number P155 / Presentation Number W P155

The Safety and Efficacy of Carotid Artery Stenting in a High Grade Stenosis More Than 80% Under Proximal Protection With Flow-reversal System
Rie Yako, Osamu Masuo, Hiroyuki Matsumoto, Naoyuki Nakao, Dept of Neurological Surgery, Wakayama Medical Univ, Wakayama, Japan; Tomoaki Terada, Dept of Neurological Surgery, Wakayama Rosai Hosp, Wakayama, Japan; Mitsuharu Tsuura, Dept of Neurological Surgery, Japanese Red Cross Wakayama Medical Ctr, Wakayama, Japan; Yoshinori Ooura, Dept of Neurological Surgery, Natl Hosp Organization Minami Wakayama Medical Ctr, Wakayama, Japan

Poster Board Number P156 / Presentation Number W P156

Moyamoya Syndrome - Comparison of Long Term Outcome of Conservative and Surgical Treatment in India
P N Sylaja, Soumya Sundaram, Girish Menon, Jayadevan ER, Sajith Sukumaran, Sapna Sreedharan, Sree Chitra Tirunal Inst for Medical Sciences and Technology, Trivandrum, India
Poster Board Number P157 / Presentation Number W P157
Semi-quantitative Analysis of Indocyanine Green Videoangiography Can Predict Postoperative Hyperperfusion after Superficial Temporal Artery to Middle Cerebral Artery Anastomosis
Haruto Uchino, Hokkaido Univ, Sapporo, Japan; Toshitaka Nakamura, Sapporo Asahu Neurosurgical Hosp, Sapporo, Japan; Kiyohiro Houkin, Hokkaido Univ, Sapporo, Japan; Satoshi Kuroda, Toyama Univ, Sapporo, Japan

Poster Board Number P158 / Presentation Number W P158
Validation of a Preliminary Prediction Model with MR Plaque Imaging to Estimate Risk for New Ischemic Brain Lesions after Carotid Endarterectomy or Stenting
Kohkichi Hosoda, Nobuyuki Akutsu, Atsushi Fujita, Eiji Kohmura, Kobe Univ Graduate Sch of Med, Kobe, Japan

Poster Board Number P159 / Presentation Number W P159
Acute Administration of Ethanol Reduced Brain Apoptosis by Regulating Expression of Apoptotic Proteins in Ischemic Stroke
Paul Fu, Changya Peng, Xiaokun Geng, Karam Asmaro, Murali Guthikonda, Yuchuan Ding, Dept of Neurological Surgery, Wayne State Univ Sch of Med, Detroit, MI

Poster Board Number P160 / Presentation Number W P160
A Post-Hoc Assessment of Current Hormone Therapy on Revascularization Risk in Women: The Carotid Revascularization Endarterectomy versus Stenting Trial (CREST)
Ariane Mackey, CHA, Hôpital de l'Enfant-Jésus, Québec, QC, Canada; Helmi L Lutsep, Oregon Health & Science Univ, Portland, OR; Genevieve Milot, CHA, Hôpital de l'Enfant-Jésus, Québec, QC, Canada; Jenifer H Voeks, Medical Univ of South Carolina, Charleston, SC; Virginia J Howard, Univ of Alabama at Birmingham, Birmingham, AL; Susan E Hughes, MeeLee Tom, Univ of Med and Dentistry of New Jersey, Newark, NJ; Mary E Longbottom, Mayo Clinic, Jacksonville, FL; Alice J Sheffet, Univ of Med and Dentistry of New Jersey, Newark, NJ; Thomas G Brott, Mayo Clinic, Jacksonville, FL

Poster Board Number P161 / Presentation Number W P161
Improvement in Cerebral Hemodynamic Parameters and Outcomes after Superficial Temporal Artery- Middle Cerebral Artery Bypass in Patients with Severe Steno-occlusive Disease of Intracranial Carotid and Middle Cerebral Artery
Leonard Yeo, Aftab Ahmad, Teo Ke Jia, Sein lwin, Yeo T Tsai, Chou Ning, Arvind Sinha, Teoh Hock Luen, Bernard Chan, Vijay Sharma, NUHS, Singapore, Singapore

Poster Board Number P162 / Presentation Number W P162
Impact of Carotid Artery Remodeling by T1 weighted MR Imaging for the Assessment of Plaque Vulnerability in High-grade Carotid Stenosis
Kenji Fukuda, Koji Iihara, Naoko Yamada, Hatsue Ueda, Nati Cerebral and Caridovascular Ctr, Osaka, Japan

Poster Board Number P163 / Presentation Number W P163
3D-versus 2D-Ultrasound for Plaque Analysis of Internal Carotid Arteries with Gray-Scale Median
Roland R Macharzina, Anna Grabs, Nian Fan, Univ Heart Ctr Freiburg - Bad Krozingen, Bad Krozingen, Germany; Roman Stajzel, Univ Hosp, Genueva, Switzerland; Werner Vach, Freiburg Univ, Freiburg, Germany; Franz-Josef Neumann, Thomas Zeller, Univ Heart Ctr Freiburg - Bad Krozingen, Bad Krozingen, Germany
Poster Board Number P164 / Presentation Number W P164
Role of Risk Factors in the Paradoxical Effect of Smoking on Peri-procedural Stroke in SAMMPRIS
Christine A Holmstedt, Tanya N Turan, Medical Univ of South Carolina, Charleston, SC; Michael J Lynn, Bethany F Lane, Jean Montgomery, Emory Univ, Atlanta, GA; Colin P Derdeyn, Washington Univ, St Louis, MO; David Fiorella, State Univ of New York, Stony Brook, Stony Brook, NY; L Scott Janis, Nati Insts of Health/NINDS, Bethesda, MD; Marc I Chimowitz, Medical Univ of South Carolina, Charleston, SC

Poster Board Number P165 / Presentation Number W P165
Prevention of JNK Phosphorylation and Activation of Dual Specificity Phosphatase as a Mechanism for Rosiglitazone in Neuroprotection after Transient Cerebral Ischemia
Nobuya Okami, Tokyo Women's Medical Univ, Tokyo, Japan; Purnima Narasimhan, Stanford Univ, Stanford, CA; Carolina M Maier, Stanford Univ, Stanford, CA; Pak H Chan, Stanford Univ, Stanford, CA

Poster Board Number P166 / Presentation Number W P166
Factors Associated with Proximal Carotid Axis Occlusion in Patients with Acute Stroke and Atrial Fibrillation
Yuki Sakamoto, Shoichiro Sato, Yuka Kuronuma, Kazuyuki Nagatsuka, Kazuo Minematsu, Kazunori Toyoda, Nati Cerebral and Cardiovascular Ctr, Suita city, Japan

Poster Board Number P167 / Presentation Number W P167
Effects of Selective Serotonin Reuptake Inhibitors versus Tricyclic Antidepressants on Cerebrovascular Events
Jou Wei Lin, Nati Taiwan Univ Hosp Yun-Lin Brnch, Dou Lion City, Taiwan; Chia-Hsien Chang, Chin-Hsien Lin, Nati Taiwan Univ Hosp, Taipei, Taiwan

Poster Board Number P168 / Presentation Number W P168
Regulatory T Cell Transplantation Inhibits Cerebral Endothelial Inflammation in Mice Transient Focal Ischemia
Peiying Li, Xiaoming Hu, Yu Gan, Feng Zhang, Yanqin Gao, Weimin Liang, Jun Chen, Univ of Pittsburgh, Pittsburgh, PA

Poster Board Number P169 / Presentation Number W P169
Endovascular Recanalization for the Total Occlusion of the Internal Carotid Artery at Subacute to Chronic Stage: Clinical Outcome and Pitfalls
Tomoaki Terada, Wakayama Rosai Hosp, Wakayama, Japan

Poster Board Number P170 / Presentation Number W P170
Long Time Follow Up Of Patients With Moyamoya Disease Treated By Multiple Burr Hole Surgery
Yoshito Uchihashi, Kohkichi Hosoda, Kobe Univ Graduate Sch of Med, Kobe, Japan; Tetsuro Kawaguchi, Junshin Hosp, Kakogawa, Japan; Mitsugu Nakamura, Hyogo Brain and Heart Ctr, Himeji, Japan; Eiji Kohmura, Kobe Univ Graduate Sch of Med, Kobe, Japan

Poster Board Number P171 / Presentation Number W P171
Surgical Strategy and Results of Additional Bypass for Patients With Moyamoya Disease Refractory to Previous Surgery
Satoshi Kuroda, Naoki Akikawa, Daino Kashiwazaki, Hideo Hamada, Naoya Kuwayama, Toyama Univ Hosp, Toyama, Japan; Kiyohiro Houkin, Hokkaido Univ Hosp, Sapporo, Japan
Poster Board Number P172 / Presentation Number W P172
A Questionnaire Survey on Awareness of Transient Ischemic Attack In 10,000 General Public
Jun Fujinami, Uehara Toshiyuki, Tomoyuki Ohara, Rieko Suzuki, Tetsuya Miygai, Yuka Kuronuma, Ryo Shimomura, Kazuo Minematsu, Natl Cerebral and Cardiovascular Ctr, Suita-city, Osaka, Japan

Poster Board Number P173 / Presentation Number W P173
The Texas Awareness Puppet Experience Leads to Improved Public Awareness of Stroke Symptoms and Response
Sonya M Sharkey, Medical City Dallas Hosp, Dallas, TX

Poster Board Number P174 / Presentation Number W P174
Public Perceived Risk of Stroke, Myocardial Infarction, and Cancer
Aaron M Anderson, Emory University Sch of Med, Atlanta, GA; Jane Khoury, Cincinnati Children’s Hosp Medical Ctr, Cincinnati, OH; Michael Frankel, Emory Univ, Atlanta, GA; Brett M Kissela, Univ of Cincinnati Coll of Med, Cincinnati, OH; Eric Rademacher, Univ of Cincinnati, Cincinnati, OH; Matthew L Flaherty, Daniel Woo, Pooja Khatri, Univ of Cincinnati Coll of Med, Cincinnati, OH; Maria Lapinski, Michigan State Univ, East Lansing, MI; Kathleen Alwell, Simona Ferioli, Sharyl Martini, Univ of Cincinnati Coll of Med, Cincinnati, OH; Jason Mackey, Indiana Univ Sch of Med, Indianapolis, IN; Felipe Do los rios la rosa, Dawn Kleindorfer, Univ of Cincinnati Coll of Med, Cincinnati, OH

Poster Board Number P175 / Presentation Number W P175
Health Literacy, Knowledge and Competency: Lessons from the SWIFT Community Study
Leigh W Quarles, Eric T Roberts, Molly Zitouni, Bernadette Boden-Albala, Mount Sinai Sch of Med, New York, NY

Poster Board Number P176 / Presentation Number W P176
Racial Differences in Perceived Risk, Self-efficacy, and Fear of Stroke
Aaron M Anderson, Emory Univ Sch of Med, Atlanta, GA; Jane Khoury, Cincinnati Children’s Hosp Medical Ctr, Cincinnati, OH; Michael Frankel, Emory Univ, Atlanta, GA; Brett M Kissela, University of Cincinnati Coll of Med, Cincinnati, OH; Eric Rademacher, Univ of Cincinnati, Cincinnati, OH; Matthew L Flaherty, Daniel Woo, Pooja Khatri, Kathleen Alwell, Simona Ferioli, Univ of Cincinnati Coll of Med, Cincinnati, OH; Maria Lapinski, Michigan State Univ, East Lansing, MI; Sharyl Martini, Univ of Cincinnati Coll of Med, Cincinnati, OH; Jason S Mackey, Indiana Univ Sch of Med, Indianapolis, IN; De los rios la rosa Felipe, Dawn Kleindorfer, Univ of Cincinnati Coll of Med, Cincinnati, OH

Poster Board Number P177 / Presentation Number W P177
Factors Associated with Delays in Patient Presentation to REACH TeleStroke Hospitals in South Carolina
Mateja de Leoni Stanonik, Jennifer H Voeks, Robert J Adams, Edward J Jauch, MUSC, Charleston, SC; on behalf of the MUSC Comprehensive Stroke and Cerebrovascular Program

Poster Board Number P178 / Presentation Number W P178
Social Factors Causing Delay of Hospital Visit in Stroke Patients
Satoshi Suzuki, Tomoko Yanagida, Shigeru Fujimoto, Takuya Inoue, Juro Jinnouchi, Steel Memorial Yawata Hosp, Kitakyushu, Japan

Poster Board Number P179 / Presentation Number W P179
Effects of Stroke Lesson Using A Comic Book and Animated Cartoon on Elementary School Children
Yuki Sakamoto, Chiaki Yokota, Fumio Miyashita, Tatsuo Amano, Yuya Shigehatake, Satoshi Oyama, Narihiko Itagaki, Kousuke Okumura, Kazunori Toyoda, Kazuo Minematsu, Natl Cerebral and Cardiovascular Ctr, Suita City, Japan
The Association between Neighborhood Socioeconomic Disadvantage, Fish Consumption, and Stroke Risk Factors: the Cardiovascular Health Study
Li-Jung Liang, Stefanie D Vassar, UCLA, Los Angeles, CA; W T Longstreth, Univ of Washington, Seattle, WA; Sharon S Merkin, Jose J Escarce, UCLA, Los Angeles, CA; Bruce Obviagele, UCSD, San Diego, CA; Arleen F Brown, UCLA, Los Angeles, CA

Impact of the Great East Japan Earthquake on Stroke Incidence Among Survivors in Sanriku Coastal Area
Yasuo Terayama, Akira Ogawa, Iwate Medical Univ, Morioka, Japan; Kazuhiro Sasaki, Morioka Red Cross Hosp, Morioka, Japan

Relationship Between Carotid Intima-Media Thickness and Periodontal Disease in an Urban Japanese Population: The Suita Study
Momoyo Kida, Dept of Prosthodontics, Gerodontology and Oral Rehabilitation, Osaka Univ Graduate Sch of Dentistry, Osaka, Japan; Yoshihiro Kokubo, Dept of Preventive Cardiology, Nati Cerebral and Cardiovascular Ctr, Osaka, Japan; Takahiro Ono, Yoko Yoshimuta, Kayoko Takemura, Takayuki Kosaka, Yoshinobu Maeda, Dept of Prosthodontics, Gerodontology and Oral Rehabilitation, Osaka Univ Graduate Sch of Dentistry, Osaka, Japan; Yoshihiro Miyamoto, Dept of Preventive Cardiology, Nati Cerebral and Cardiovascular Ctr, Osaka, Japan

Heart Rate Variability is Associated With Stroke, Independent of Traditional Cardiovascular Risk Factors
Adina Zeki Al Hazzouri, Mary Haan, Univ of California San Francisco, San Francisco, CA

Prediction of All-cause and Stroke Mortality by Carotid Intima-Media Thickness in Japanese Urban Cohort: The Suita Study
Yoshihiro Kokubo, Makoto Watanabe, Kazunori Toyoda, Yoshihiro Miyamoto, Nati Cerebral and Cardiovascular Ctr, Suita, Japan

David E Thaler, Robin Ruthazer, Tufts Medical Ctr, Boston, MA; Emanuele Di Angelantonio, Cambridge Univ, Cambridge, United Kingdom; Marco R Di Tullio, Columbia Univ, NYC, NY; Jennifer S Donovan, Tufts Medical Ctr, Boston, MA; Mitchell S Elkind, M, Columbia Univ, NYC, NY; John Griffith, Tufts Medical Ctr, Boston, MA; Shunichi Homma, Columbia Univ, NYC, NY; Cheryl Jaigobin, Univ of Toronto, Toronto, ON, Canada; Jean-Louis Mas, Hôpital Sainte-Anne, Paris-Descartes Univ, Paris, France; Heinrich P Mattle, Innsbruck, Univ of Bern, Bern, Switzerland; Patrik Michel, Ctr Hospier Univire de Lausanne, Lausanne, Switzerland; Marie-Luise Mono, Inselspital, Univ of Bern, Bern, Switzerland; Krassen Nedeltchev, Triemli Municipal Hosp, Zurich, Switzerland; Federica Papetti, “Sapienza” Univ of Rome, Rome, Italy; Joaquín Serena, Hosp Univr Doctor Josep Trueta Inst d’Investigació Biomèdica de Girona, Girona, Spain; Christian Weimar, Univ of Duisburg-Essen, Essen, Germany; David M Kent, Tufts Medical Ctr, Boston, MA
Correlation between Infarct Shape and Volume and Ischemic Risk Factors and Recurrent Ischemic Rates in Small Subcortical Stroke; Data from the SPS3 Randomized Controlled Trial

Negar Asdaghi, Lesley Pearce, Makoto Nakajima, Univ of British Columbia, Vancouver, BC, Canada; Carlos Bazan, Univ of Texas Health Ctr, San Antonio, TX; Franco Cermeno, Brandy Lewis, Univ of British Columbia, Vancouver, BC, Canada; Robert G Hart, Univ of McMaster, Hamilton, ON, Canada; Oscar Benavente, Univ of British Columbia, Vancouver, BC, Canada

Cardiac Diastolic Dysfunction is Associated With Poor Functional Outcome in Ischemic Stroke Patients

Takayuki Matsuki, Shigeru Fujimoto, Satomi Mezuki, Juro Jinnouchi, Takuya Inoue, Satoshi Suzuki, Ryosuke Tsuchimochi, Takao Ishitsuka, Stroke Ctr, Steel Memorial Yawata Hosp, Kitakyushu, Japan

Prediction of Apnea Hypopnea Index among Stroke and TIA Patients

Jason Sico, Yale New Haven Hosp, New Haven, CT; Susan Ofner, Indiana Univ - Purdue Univ at Indianapolis (IUPUI), Indianapolis, IN; H Klar Yaggi, Yale New Haven Hosp, New Haven, CT; Dawn Bravata, Roudebush VA Medical Ctr, Indianapolis, IN

Assessing the Performance of the Framingham Stroke Risk Prediction Score in The REGARDS Cohort

Leslie A McClure, Univ of Alabama at Birmingham, Birmingham, AL; Dawn O Kleindorfer, Univ of Cincinnati, Cincinnati, OH; Mary Cushman, Univ of Vermont, Burlington, VT; Elsayed Z Soliman, Wake Forest Univ Sch of Med, Winston-Salem, NC; George Howard, Univ of Alabama at Birmingham, Birmingham, AL; Brett M Kissela, Univ of Cincinnati, Cincinnati, AL

Framingham Stroke Risk Score and Stroke Mortality Among Canadian Adults

Peter T Katzmarzyk, Pennington Biomedical Res Ctr, Baton Rouge, LA; Bruce A Reeder, Univ of Saskatchewan, Saskatoon, SK, Canada; Susan Elliott, Univ of Waterloo, Waterloo, ON, Canada; Michel Joffres, Simon Fraser Univ, Burnaby, BC, Canada


Jun Hata, Toshiharu Ninomiya, Yasufumi Doi, Yoichiro Hirakawa, Masayo Fukushima, Naoko Mukai, Masaharu Nagata, Seiji Gotoh, Masahiro Kamouchi, Takanari Kitazono, Yutaka Kiyohara, Kyushu Univ, Fukuoka, Japan

Secular Trends in Ischemic Stroke Subtypes

Chrysi Bogiatzi, Daniel G Hackam, J David Spence, Robarts Res Inst, London, ON, Canada

Impact of Total Energy Intake on Stroke Mortality Is Greater Than That of Coronary Heart Disease: A 24-year Follow-up of Representative Japanese (NIPPON DATA80), 1980-2004

Masato Nagai, Akira Fujiyoshi, Takayoshi Ohkubo, Katsuyuki Miura, Shiga Univ of Medical Science, Shiga, Japan; Nagako Okuda, Natl Inst of Health and Nutrition, Tokyo, Japan; Takehito Hayakawa, Fukushima Medical Univ, Fukushima, Japan; Katsushi Yoshita, Osaka City Univ Graduate Sch of Human Life Science, Osaka, Japan; Yusuke Arai, Chiba Prefectural Univ of Health Science, Chiba,
Poster Board Number P195 / Presentation Number W P195
ICD9 Ischemic Stroke Code Validity Biased By Demographics
Kathleen Alwell, UNIVERSITY OF CINCINNATI, Cincinnati, OH; Jane Khoury, Cincinnati Childrens Hosp Medical Ctr, Cincinnati, OH; Charles J Moomaw, Dawn O Kleindorfer, Jane Eilerman, Daniel Woo, Matthew Flaherty, Simona Ferioli, Opeolu Adeoye, Pooja Khatri, UNIVERSITY OF CINCINNATI, Cincinnati, OH

Poster Board Number P196 / Presentation Number W P196
Race-Ethnic Disparities in Cardiometabolic Risk among Stroke Survivors with Undiagnosed Diabetes and Pre-Diabetes
Amytis Towfighi, Univ of Southern California, Los Angeles, CA; Daniela Markovic, Univ of California at Los Angeles, Los Angeles, CA; Bruce Ovbiagele, Medical Univ of South Carolina, Charleston, SC

Poster Board Number P197 / Presentation Number W P197
Race (Black-White) and Sex Divergences in the Relationship of Childhood Cardiovascular Risk Factors to Arterial Stiffness in Adulthood: The Bogalusa Heart Study
Shengxu Li, Wei Chen, Camilo Fernandez, Sathanur R Srinivasan, Gerald S Berenson, Tulane Ctr for Cardiovascular Health and Dept of Epidemiology, Tulane Univ Sch of Public Health and Tropical Med, New Orleans, LA

Poster Board Number P198 / Presentation Number W P198
Trends of Racial Disparity in Stroke Hospitalization Rate and Hospital Charges in the Buckle of Stroke Belt In the Past Decade (2001-2010)
Andrea D Boan, Daniel T Lackland, David L Bachman, Robert J Adams, Wuwei Feng, MUSC, Charleston, SC

Poster Board Number P199 / Presentation Number W P199
Higher Stroke Prevalence Rates among Ribeirinhos Compared to Townsmen in the Brazilian Amazon
Tiotrefis G Fernandes, Isabela M Bensenor, Paulo A Lotufo, Univ of Sao Paulo, Sao Paulo, Brazil

Poster Board Number P200 / Presentation Number W P200
Racial Disparities in Stroke Mortality in Brazil
Isabela M Bensenor, Paulo A Lotufo, Univ of Sao Paulo, Sao Paulo, Brazil

Poster Board Number P201 / Presentation Number W P201
Racial Disparities among Incident Ischemic Stroke Cases in the District of Columbia: the ASPIRE Study
Jeffrey J Wing, Univ of Michigan, Ann Arbor, MI; Chelsea S Kidwell, Georgetown Stroke Ctr, Washington, DC; Dorothy F Edwards, Univ of Wisconsin, Madison, WI; Stephen J Fernandez, Medstar Health Res Inst, Hyattsville, MD; Lewis B Morgenstern, Univ of Michigan, Ann Arbor, MI; M Christopher Gibbons, Johns Hopkins Urban Health Inst, Baltimore, MD; Bernadette Boden-Albala, Columbia Univ, New York, NY

Poster Board Number P202 / Presentation Number W P202
The Metabolic Syndrome Significantly Increases the Risk of Ischemic Stroke in the Mexican Hispanic Population
Michael F Osborn, Ahmed Badr, Charles C Miller III, Jun Zhang, TTUHSC, El Paso, TX
Poster Board Number P203 / Presentation Number W P203

Stroke Statistics of South Korea in the 1st Decade of the 12th Century
Keun-Sik Hong, Ilsan Paik Hosp Inje Univ, Goyang, Korea, Republic of; Oh-Young Bang, Samsung Medical Ctr, Sungkyunkwan Univ Sch of Med, Seoul, Korea, Republic of; Dong-Wha Kang, Asan Medical Ctr, Univ of Ulsan Coll of Med, Seoul, Korea, Republic of; Kyung-Ho Yu, Hallym Univ Sacred Heart Hosp, Anyang, Korea, Republic of; Hee-Joon Bae, Seoul Natl Univ, Bundang Hosp, Seongnam, Korea, Republic of; Jin-Soo Kim, Ajou Univ, Suwon, Korea, Republic of; Ji-Hoe Heo, Yonsei Univ Coll of Med, Seoul, Korea, Republic of; Sun U Kwon, Asan Medical Ctr, Univ of Ulsan Coll of Med, Seoul, Korea, Republic of; Chang Wan Oh, Seoul Natl Univ, Bundang Hosp, Seongnam, Korea, Republic of; Byung-Chul Lee, Hallym Univ Sacred Heart Hosp, Anyang, Korea, Republic of; Jong S Kim, Asan Medical Ctr, Univ of Ulsan Coll of Med, Seoul, Korea, Republic of; Byung-Woo Yoon, Seoul Natl Univ Hosp, Seoul Natl Univ Sch of Med, Goyang, Korea, Republic of

Poster Board Number P204 / Presentation Number W P204

Paradoxical Increase in Stroke Mortality Among Asian Indians in United States
Malik M Adil, Shayaan M Khan, Mahnoor Khan, Basit Rahim, Adnan I Qureshi, Zeenat Qureshi Stroke Ctr, Minneapolis, MN

Poster Board Number P205 / Presentation Number W P205

Long-chain n-3 Polyunsaturated Fatty Acids Intake and Cardiovascular Disease Mortality Risk in a General Japanese Population: NIPPON DATA80
Naoko Miyagawa, Katsuyuki Miura, Shiga Univ of Medical Science, Otsu, Japan; Nagako Okuda, Natl Inst of Health and Nutrition, Tokyo, Japan; Takashi Kadowaki, Naoyuki Takashima, Shiga Univ of Medical Science, Otsu, Japan; Shin-ya Nagasawa, Kanazawa Medical Univ, Ishikawa, Japan; Yasuuyuki Nakamura, Kyoto Women's Univ, Kyoto, Japan; Yasuhiro Matsumura, Bunkyo Univ, Chigasaki, Japan; Atsushi Hozawa, Tohoku Univ, Sendai, Japan; Akira Fujiyoshi, Takashi Hisamatsu, Shiga Univ of Medical Science, Otsu, Japan; Shiga Univ of Medical Science, Otsu, Japan; Katsushi Yoshita, Osaka City Univ, Osaka, Japan; Takayoshi Ohtkubo, Shiga Univ of Medical Science, Otsu, Japan; Tomonori Okamura, Keio Univ, Tokyo, Japan; Akira Okayama, First Inst for Health Promotion and Health Care, Tokyo, Japan; Hirotsugu Ueshima, Shiga Univ of Medical Science, Otsu, Japan; the NIPPON DATA80 Research Group

Poster Board Number P206 / Presentation Number W P206

Brain Natriuretic Peptide Should be a Predictive Marker of Long-term Mortality in Ischemic Stroke Survivors
Kensaku Shibazaki, Kazumi Kimura, Shuichi Fujii, Jyunya Aoki, Kawasaki Medical Sch, Kurashiki, Japan

Poster Board Number P207 / Presentation Number W P207

Serum Urate as a Potential Risk Factor for Intracranial Atherosclerotic Disease
Xin Wan, Chengbo Dai, Xiong Zhang, Shuo Wang, Yumin Cao, Lijuan Wang, Guangdong General Hosp, Guangzhou, China

Poster Board Number P208 / Presentation Number W P208

Albuminuria, but not eGFR, Predicts Stroke Risk in Patients With Chronic Kidney Disease
Danielle K Sandmark, Steven R Messe, Xiaoming Zhang, Jason Roy, Scott E Kasner, Univ of Pennsylvania, Philadelphia, PA; CRIC Study Investigators

Poster Board Number P209 / Presentation Number W P209

Serum Anti-Periodontal Pathogen Antibody Associated with Atrial Fibrillation and Carotid Plaque
Naohisa Hosomi, Shiro Aoki, Tomohisa Nezu, Toshihisa Ohtsuki, Takemori Yamawaki, Masayasu Matsumoto, Hiroshima Univ Graduate Sch of Biomedical & Health Sciences, Hiroshima, Japan
Prothrombin G20210A Mutation and Ischemic Stroke Risk in European Ancestry: The Genetics of Early Onset Stroke Study and Meta-Analysis of 2304 Young-Onset Stroke Cases
Baijia Jiang, Ali Hamedani, Yuching Cheng, UMD SOM, Baltimore, MD; Deborah Koontz, Christopher J Bean, Margaret Gallagher, W Craig Hooper, CDC, Atlanta, GA; Mary J Sparks, Patrick McArdle, Jeffrey R O’Connell, O Colin Stine, Marcella A Wozniak, Barney J Stern, Braxton D Mitchell, Steven J Kittner, John W Cole, UMD SOM, Baltimore, MD

Opportunities for Prevention of Oral Contraceptive-Associated Ischemic Stroke: The Stroke Prevention in Young Women Study
Keely Saslow, Braxton Mitchell, Patrick McArdle, Yuching Cheng, John Cole, Steven J Kittner, Univ of Maryland, Baltimore, Baltimore, MD

High-Resolution MR Wall Imaging findings of Moyamoya Disease
Sookyung Ryoo, Samsung Medical Ctr, Seoul, Korea, Republic of; Ji Yoon Nam, Clinical Res Ctr, Samsung Biomedical Res Inst, Seoul, Korea, Republic of; Chung-Bin Lee, Suk Jae Kim, Ji Hoon Cha, Pyeong Jeon, Kun Ha Kim, Jong-Soo Kim, Seung Chyul Hong, Oh Young Bang, Samsung Medical Ctr, Seoul, Korea, Republic of

Cortical Microinfarcts as a Putative MRI Marker for Cerebral Amyloid Angiopathy
Yuichiro Ii, Dept of Neurology, Mie Univ Graduate Sch of Med, Tsu, Japan; Masayuki Maeda, Dept of Radiology, Mie Univ Graduate Sch of Med, Tsu, Japan; Hirotaka Kida, Dept of Dementia Prevention and Therapeutics, Mie Univ Graduate Sch of Med, Tsu, Japan; Ai Ito, Akihiro Shindo, Akira Taniguchi, Hidekazu Tomimoto, Dept of Neurology, Mie Univ Graduate Sch of Med, Tsu, Japan

Cortical Microinfarcts as a Putative MRI Marker for Cerebral Amyloid Angiopathy
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Stroke Without Ischemic Lesions on the Initial Diffusion Weighted Image –Fukuoka Stroke Registry–
Shigeru Fujimoto, Satomi Mezuki, Takayuki Matsuki, Juro Jinnouchi, Takao Ishitsuka, Takao Ishitsuka, Nippon Steel Yaywata Memorial Hosp, Kitayushu, Japan; Takarai Kitazono, Dept of Med and Clinical Science, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan

Cortical Network Dynamics in Acute Ischemic Stroke
Virginia Liu, William Winter, Kate Xie, Shrey Kanjiya, George Tran, Ramesh Srinivasan, Steven C Cramer, Univ of California, Irvine, Orange, CA

Hemodynamics of the Internal Jugular Vein in Healthy Subjects Using Quantitative Magnetic Resonance Angiography
Xinjian Du, Sepideh Amin-Hanjani, Lara Ansari, Fady Charbel, Univ of Illinois at Chicago, Chicago, IL

Assessment of Carotid Plaque Vulnerability Using Quantitative Expansive Remodeling Evaluation and MRI Plaque Signal Intensity
Yoshitaka Kurosaki, Kurashiki Central Hosp, Kurashiki, Japan; Kazumichi Yoshida, Ryu Fukumitsu, Kyoto Univ, Kyoto, Japan; Masaomi Koyanagi, Nobu-take Sadamasa, Masaki Chin, Akira Handa, Sen Yamagata, Kurashiki Central Hosp, Kurashiki, Japan
Whole Brain Perfusion In Tia
Andrew Bivard, Univ of Melbourne, Melbourne, Australia; Mark Parsons, Univ of Newcastle, Newcastle, Australia

Determinants for Cryptogenic Stroke: Clinico-radiologic Findings
Sookyoung Ryoo, Samsung Medical Ctr, Seoul, Korea, Republic of; Gyeong Joon Moon, Clinical Res Ctr, Samsung Biomedical Res Inst, Seoul, Korea, Republic of; Chung-Bin Lee, Suk Jae Kim, Chin-Sang Chung, Kwang Ho Lee, Oh Young Bang, Samsung Medical Ctr, Seoul, Korea, Republic of

Enhanced Plaque on CEUS in Acute Ischemic Stroke May be Associated With Diabetes Mellitus
Kenichiro Sakai, Noriko Matsumoto, Kazumi Kimura, Yoshino Goya, Takashi Shi-moyama, Jyunya Aoki, Shinji Yamashita, Jyunichi Uemura, Naoki Saji, Takeshi Inoue, Kensaku Shibazaki, Department of Stroke Med, Kawasaki Medical Sch, Kurashiki, Japan

Non-invasive Monitoring of Cortical Activity Post-reperfusion A Powerful Tool to Improve the Prediction of Early Clinical Improvement Immediately After Recanalization
Alan Flores, Marc Ribó, Marta Rubiera, Jorge Pagola, David Rodriguez-Luna, Maria Angeles Muchada, Julia Kallas, Pilar Meler, Estela Sanjuan, Joan Montaner, Jose Alvarez-Sabin, Carlos A Molina, Hosp Vall D´Hebron, Barcelona, Spain

Chronic Atherosclerotic Moyamoya Syndrome of the Middle Cerebral Artery: A Hemodynamic Study with CT Perfusion

Angiogenesis Precedes Occlusion in Moyamoya Disease: Angiographic Findings in 172 Pediatric Patients
Suk Jae Kim, Samsung Medical Ctr, Seoul, Korea, Republic of; Dong Hee Kim, Samsung Biomedical Res Inst, Seoul, Korea, Republic of; Tae Ok Son, Keon Ha Kim, Pyoung Jeon, Chin-Sang Chung, Kwang Ho Lee, Oh Young Bang, Samsung Medical Ctr, Seoul, Korea, Republic of

Topography of Dilated Perivascular Spaces in Patients with Markers of Cerebral Amyloid Angiopathy and Hypertensive Vasculopathy
Sergi Martinez-Ramirez, Octavio Pontes-Neto, Andrew P Dumas, Eitan Auriel, Mahmut Edip Gurol, Steven M Greenberg, Anand Viswanathan, Massachusetts General Hosp, Boston, MA
Poster Board Number P227 / Presentation Number W P227
Magnetic Resonance Measurement of Static Global and Regional Cerebral Autoregulation

Poster Board Number P228 / Presentation Number W P228
Measurement of Oxygen Extraction Fraction (OEF) by a Novel MRI Technique
Rajiv G Menon, Northwestern Univ, Chicago, IL; Edward G Walsh, Brown Univ, Providence, RI; Bradley P Sutton, Univ of Illinois at Urbana-Champaign, Urbana, IL; Donald B Twieg, Univ of Alabama at Birmingham, Birmingham, AL; Shyam Prabhakaran, Timothy J Carroll, Northwestern Univ, Chicago, IL

Poster Board Number P229 / Presentation Number W P229
Clinical Significance of Fluid-attenuated Inversion Recovery Vascular Hyperintensities in Transient Ischemic Attack
Junpei Kobayashi, Toshiyuki Uehara, Kazunori Toyoda, Kaoru Endo, Tomoyuki Ohara, Kazuo Minematsu, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan

Poster Board Number P230 / Presentation Number W P230
The Yield of Echocardiography in Cancer Patients with Suspected Cardioembolic Stroke
Natalie T Cheng, New York-Presbyterian Hosp - Weill Cornell Medical Ctr, New York, NY; Samuel Singer, Memorial Sloan-Kettering Cancer Ctr, New York, NY; Alexander Merkler, Jacqueline B Stone, New York-Presbyterian Hosp - Weill Cornell Medical Ctr, New York, NY; Hooman Kamel, Weill Cornell Medical Coll, New York, NY; Lisa M DeAngelis, Memorial Sloan-Kettering Cancer Ctr, New York, NY; Babak B Navi, Weill Cornell Medical Coll, New York, NY

Poster Board Number P231 / Presentation Number W P231
Detection of Intramural Hematoma by Susceptibility Weighted Image in Vertebral Artery Dissection
Tae-Won Kim, Jaseong Koo, Hyun Seok Choi, Kwang Soo Lee, Si Baek Lee, The Catholic Univ of Korea, Seoul, Korea, Republic of

Emergency Care/Systems Posters I

Poster Board Number P233 / Presentation Number W P233
Prehospital Stroke Screen Accuracy in a State with an Emergency Medical Services Protocol for Rounting Patients to Acute Stroke Centers
Andrew Asimos, Carolinas Medical Ctr, Charlotte, NC; Shana Bogenschneider, Angela D Humphrey, Carolinas Healthcare System, Charlotte, NC; Jane H Brice, Univ of North Carolina Sch of Med, Chapel Hill, NC; Wayne D Rosamond, Univ of North Carolina Sch of Public Health, Chapel Hill, NC; Larry B Goldstein, Duke Univ Medical Ctr, Durham, NC; Jonathan R Studnek, Carolinas Medical Ctr, Charlotte, NC

Poster Board Number P234 / Presentation Number W P234
Timeliness of Thrombolytic Therapy Using Telemedicine
Latisha K Ali, Victor H Tran, Sidney Starkman, Doojin Kim, UCLA, Los Angeles, CA; Leonard DaSilva, Specialists on Call, Westlake Village, CA; Suman Kalanithi, Todd Samuels, Specialists on Call, Westlake Village, CA; Jeffrey L Saver, UCLA, Los Angeles, CA; Specialists on Call Physician Panel
Poster Board Number P235 / Presentation Number W P235
Improved Paramedic Identification of Stroke: Utility of the Izumo Prehospital Apoplexy Scale and Prehospital Stroke Registry
Shingo Mitaki, Dept of Neurology, Shimane Univ, Izumo, Japan; Hirokazu Bokura, Shimane Prefectural Central Hosp, Izumo, Japan; Shuhei Yamaguchi, Dept of Neurology, Shimane Univ, Izumo, Japan; Shotai Kobayashi, Shimane Univ, Matsue, Japan

Poster Board Number P236 / Presentation Number W P236
The Acute Ischemic Stroke Process in the Emergency Department: Improving Door to Needle Times and Advancing Best Practice
Misty D Kimbrell, The Univ of South Alabama, Mobile, AL; Corrina Johnson, Jaimee R Lege, Nojan Valadi, Columbus Regional Healthcare System (The Medical Ctr), Columbus, GA

Poster Board Number P237 / Presentation Number W P237
Improved Thrombolysis Rates and Quality of Care for Stroke Patients Through a Provincial Emergency Department Quality Improvement Initiative
Devin R Harris, Robert Stenstrom, Eric Grafstein, Univ of British Columbia, Vancouver, BC, Canada; Mark Collison, Heart and Stroke Fndn of BC and Yukon, Vancouver, BC, Canada; Grant Innes, Univ of Calgary, Calgary, AB, Canada; Patty Lindsay, Canadian Stroke Network, Ottawa, ON, Canada; Joel Singer, Univ of British Columbia, Vancouver, BC, Canada

Poster Board Number P238 / Presentation Number W P238
Safety and Outcomes of Stroke Mimics After Thrombolysis: A Single Center Experience
Kathleen Mays-Wilson, Patricia Penstone, Daniel Miller, Panayiotis D Mitsias, Christopher A Lewandowski, Henry Ford Hosp, Detroit, MI

Poster Board Number P239 / Presentation Number W P239
Stroke Mimics Treated with Thrombolysis: A Single Center Experience
Sonal Mehta, Nirav Vora, Hesham Allam, Aws Alawi, Jennifer Koehne, Fahad Alobaidi, Ritesh Kaushal, Salvador Cruz-Flores, Amer Alshekhlee, St Louis Univ, st louis, MO

Poster Board Number P240 / Presentation Number W P240
A US National Emergency Teleneurology Delivery System: Hospital Characteristics and Frequency of Thrombolytic Therapy
Leonard Dimitri DaSilva, Specialists On Cal, Tallahassee, FL

Poster Board Number P241 / Presentation Number W P241
Value Stream Analysis Reduces Door-To-Needle Times in Acute Stroke
Abdeljalil Bentalib, Larisa Golding, Susan Southee, Lewis B Eberly, Inova Alexandria Hosp, Alexandria, VA

Poster Board Number P242 / Presentation Number W P242
A Drill Down Analysis of Door-to-Needle Time of Acute Ischemic Stroke Patients Treated with Intravenous Tissue Plasminogen Activator
Marija Lum, Jon Schrock, MetroHealth Medical Ctr, Cleveland, OH

Poster Board Number P243 / Presentation Number W P243
Identification of Common Confounders in the Prehospital Identification of Stroke in Urban, Underserved Minorities
Ethan S Brandler, Mohit Sharma, Priyank Khandelwal, David Kinraich, State Univ of New York - Brooklyn, Brooklyn, NY; John P Freese, James Braun, David Ben-Eli, Fire Dept of New York, Brooklyn, NY; Toby Gropen, Oschner Clinic, New Orleans, LA; Bradley Kaufman, Fire Dept of New York, Brooklyn, NY; Steven R Levine, State Univ of New York - Brooklyn, Brooklyn, NY
JJ Baumann, Carol Barch, Robert Dodd, Mary Marcellus, Maarten Lansberg, Stanford Hosp and Clinics, Palo Alto, CA

Time of Onset of Acute Ischemic Stroke as Determined by EMS Personnel is Congruent With Physician-Determined Time of Onset
David K Tan, Lisa Connor, Andria Ford, Washington Univ Sch of Med, St Louis, MO

Use and Importance of Emergency Medical Services in Rural Delivery of tPA in Acute Ischemic Stroke
Phillip A Scott, Cemal B Sozener, Benjamin D Hume, William J Meurer, Univ of Michigan Medical Sch, Ann Arbor, MI

Methods to Achieving a 9-minute Door to TPA Time
Deepak S Nair, Arun Talkad, Clayton McNeil, Jan Jahnel, Teresa Swanson-Devlin, Judi Beck, David Z Wang, Illinois Neurological Inst, Peoria, IL

Telestroke is not Associated with a Longer Door-to-needle Time
Aslam M Khaja, Univ of Illinois at Chicago, Chicago, IL; Sandra L Hoelzel, Resurrection Medical Ctr, Chicago, IL; Neelofe Shafi, Rebbeca Grysiewicz, Fernando D Testai, Univ of Illinois at Chicago, Chicago, IL; Jeffrey B Gordon, Resurrection Medical Ctr, Chicago, IL; Sean Ruland, Univ of Illinois at Chicago, Chicago, IL

Hospital System Collaborative has Positive Impact on Door to Needle Times
Deb Motz, Tracy Moore, Douglas Miesen, Dicky Huey, Byron Freemyer, Gina Grnach, Tommye Austin, Baptist Health System, San Antonio, TX

Symptoms and Delay of Hospital Visit in Stroke Patients
Satoshi Suzuki, Tomoko Yanagida, Shigeru Fujimoto, Takuya Inoue, Juro Jinnouchi, Steel Memorial Yawata Hosp, Kitakyushu, Japan

Reduction in Stroke Readmission Rates After Implementing an Emergency Department-based Transient Ischemic Attack Observation Unit
Lori Fayas, Kathy Polum, Heather Stanko, Bellin Hosp, Green Bay, WI

Effect of a Feedback System of the Formal Diagnosis After Admission on the Emergency Medical Service
Yuya Shigehatake, Fumio Miyashita, Takaaki Hagihara, Kazuyuki Nagatsuka, Kazunori Toyoda, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan; Shotai Kobayashi, Natl Cerebral and Cardiovascular Ctr, Shimane, Japan; Kazuo Mine-matsu, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan
Poster Board Number P254 / Presentation Number W P254
Dong Wang, Ailin Houng, Guy Reed, Univ of Tennessee, Memphis, TN

Poster Board Number P255 / Presentation Number W P255
The Novel C-Jun N-terminal Kinase Inhibitor IQ-1S Protects Against Cerebral Ischemia-reperfusion Injury in Mice
Dmitry N Atochin, Massachusetts General Hosp, Charlestown, MA; Igor A Schepetkin, Montana State Univ, Bozeman, MT; Helen Swanson, Massachusetts General Hosp, Charlestown, MA; Lilia N Kirpotina, Nikitaben B Patel, Mark T Quinn, Montana State Univ, Bozeman, MT; Paul L Huang, Massachusetts General Hosp, Charlestown, MA

Poster Board Number P256 / Presentation Number W P256
Pretreatment of Rosuvastatin Ameliorates Early Brain Injury after Subarachnoid Hemorrhage through the Inhibition of Microglial Activation in Rats
Ken Uekawa, Dept of Pharmacology and Molecular Therapeutics, Kumamoto Univ Sch of Med, Kumamoto, Japan; Yu Hasekawa, Kumamoto Univ Sch of Med, Kumamoto, Japan; Mingjie Ma, Takashi Nakagawa, Tetsuji Katayama, Daisuke Sueta, Kensuke Toyama, Kataoka Keiichiro, Nobutaka Kibuchi, Dept of Pharmacology and Molecular Therapeutics, Kumamoto Univ Sch of Med, Kumamoto, Japan; Jun-ichi Kuratsu, Dept of Pharmacology and Neurosurgery, Kumamoto Univ Sch of Med, Kumamoto, Japan; Shokei Kim-Mitsuyma, Dept of Pharmacology and Molecular Therapeutics, Kumamoto Univ Sch of Med, Kumamoto, Japan

Poster Board Number P257 / Presentation Number W P257
A New microCT-based Blood-Brain Barrier Imaging to Study Hemorrhagic Transformation of Ischemic Stroke
Jin-Yong Park, Kang-Hoon Je, Su-Kyoung Lee, Jeong-Yeon Kim, Dong-Eog Kim, Molecular Imaging and Neurovascular Res (MINER) Lab, Dept of Neurology, Dongguk Univ Ilsan Hosp, Goyang, Korea, Republic of

Poster Board Number P258 / Presentation Number W P258
ZBTB7C is Associated With Severity of Infarction in Cerebral Ischemia
Rose Du, Jing Zhou, Brigham and Women's Hosp, Boston, MA; Svetlana Lorenzano, Massachusetts General Hosp, Boston, MA; Nareerat Charoenvimolphan, Baogang Qian, Brigham and Women's Hosp, Boston, MA; Natalia Rost, Massachusetts General Hosp, Boston, MA; Jian Wang, Xinmu Zhang, Xin Wang, Brigham and Women's Hosp, Boston, MA; Annerose Berndt, Univ of Pittsburgh, Pittsburgh, PA; William J Devan, Valerie J Valant, Massachusetts General Hosp, Boston, MA; Karen L Furie, Brown Univ, Providence, RI; Jonathan Rosand, Massachusetts General Hosp, Boston, MA; Robert Friedlander, Univ of Pittsburgh, Pittsburgh, PA; Beverly Paigen, The Jackson Lab, Bar Harbor, ME; Scott T Weiss, Brigham and Women's Hosp, Boston, MA

Poster Board Number P259 / Presentation Number W P259
CaMKII Inhibitor tatCN21 Decreases Neuronal Damage Following Cardiac Arrest and Cardiopulmonary Resuscitation in Mice
Guiying Deng, Rebekah S Vest, Himmat S Grewal, Nidia Quillinan, Karl U Bayer, Richard J Traystman, Paco S Herson, Univ of Colorado Denver Sch of Med, Aurora, CO

Poster Board Number P260 / Presentation Number W P260
Pravastatin Improves Short-term Survival Rate Following Cardiac Arrest and Cardiopulmonary Resuscitation in Mice
Shin Nakayama, Noriko Taguchi, Makoto Tanaka, Univ of Tsukuba, Ibaraki, Japan
Poster Board Number P261 / Presentation Number W P261
In Vitro Characterization, Pharmacokinetics and Reversal of Supratherapeutic Doses of Dabigatran-Induced Bleeding in Rats by a Specific Antibody Fragment Antidote to Dabigatran
Joanne van Ryn, Tobias Litzenburger, Boehringer Ingelheim, Biberach, Germany; Guanfa Gan, Kelly Coble, Boehringer Ingelheim Pharmaceuticals Inc, Ridgefield, CT; Johanna Schurer, Boehringer Ingelheim, Biberach, Germany

Poster Board Number P262 / Presentation Number W P262
Therapeutically Targeting TNF-αS1P Signaling Restores Microvascular Reactivity after Experimental Subarachnoid Hemorrhage
Kenji Yagi, Dept of Physiology, Univ of Toronto; Div of Neurosurgery, St Michael's Hosp, Keenan Res Ctr in Li Ka Shing Knowledge Inst of St Michael's Hosp and Inst of Health Biosciences, The Univ of Tokushima, Tokyo, ON, Canada; Darcy Lidington, Dept of Physiology, Univ of Toronto; Toronto Ctr for Microvascular Med, Univ of Toronto at the Li Ka Shing Knowledge Inst at St Michael’s Hosp, Toronto, ON, Canada; Anja Meissner, Dept of Physiology, Univ of Toronto, Toronto, ON, Canada; Jinglu Ai, Hoyee Wan, Div of Neurosurgery, St Michael's Hosp, Keenan Res Ctr in Li Ka Shing Knowledge Inst of St Michael's Hosp and Dept of Surgery, Univ of Toronto, Toronto, ON, Canada; Serge Nedospasov, Engelhardt Inst of Molecular Biology and Lomonosov Moscow State Univ., Moscow, Russian Federation; Stefan Offermanns, Max Plank Inst for Heart and Lung Res., Bad Nauheim, Germany; Shinji Nagahiro, Dept of Neurosurgery, Inst of Health Biosciences, The Univ of Tokushima Graduate Sch., Tokushima, Japan; Robert Loch Macdonald, Div of Neurosurgery, St Michael's Hosp, Keenan Res Ctr in Li Ka Shing Knowledge Inst of St Michael's Hosp and Dept of Surgery, Univ of Toronto, Toronto, ON, Canada; Steffen-Sebastian Bolz, Dept of Physiology; Toronto Ctr for Microvascular Med;Keenan Res Ctr at the Li Ka Shing Knowledge Inst, St Michael's Hosp; Heart & Stroke / Richard Lewar Ctr of Excellence for Cardiovascular Res, Univ of Toronto, Toronto, ON, Canada

Poster Board Number P263 / Presentation Number W P263
Protective Role of Microglial Alpha7 Nicotinic Receptor in Ischemia
Esther Parada, Javier Egea, Pilar Negredo, Izaskun Buendia, Manuela G López, Univ Autonoma de Madrid, Madrid, Spain

Poster Board Number P264 / Presentation Number W P264
The Growth Factor Progranulin Suppresses Inflammatory Reactions and Attenuates Neuronal Injury Induced by Cerebral Ischemia-Reperfusion in Mice
Yusuke Egashira, Gifu Univ Graduate Sch of Med, Gifu-City, Japan; Sou Sugitani, Yukiya Suzuki, Keisuke Mishiro, Gifu Pharmaceutical Univ, Gifu-City, Japan; Kazuhiro Tsuruma, Gifu Pharmaceutical Univ, Gifu-City, Japan; Masamitsu Shimazawa, Gifu Pharmaceutical Univ, Gifu-City, Japan; Shinichi Yoshimura, Toru Iwama, Gifu Univ Graduate Sch of Med, Gifu-City, Japan; Hideaki Harada, Gifu Pharmaceutical Univ, Gifu-City, Japan

Poster Board Number P265 / Presentation Number W P265
Interferon-inducible Protein 10 Increases following Stroke
Hilary A Seifert, Lisa A Collier, Univ of South Florida, Tampa, FL; Stanley A Benkovic, NeuroScience Associates, Knoxville, TN; Alison E Willing, Keith R Pennypacker, Univ of South Florida, Tampa, FL

Poster Board Number P267 / Presentation Number W P267
Adipose Stem Cells Restore Alveolar Macrophage and Monocyte Dynamics after Ischemic Stroke
Efton Rodrigues Migliati, Kaushik Parsha, Harry Karmouty-Quintana, Michael R Blackburn, Sean I Savitz, The Univ of Texas, Houston, TX
Roles and Regulation of Ketogenesis in Cultured Astroglia and Neurons Under Hypoxia
Shinichi Takahashi, Takuya Iizumi, Keio Univ Sch of Med, Tokyo, Japan; Takato Abe, Tokyo Dental Coll, Ichikawa, Japan; Norihiro Suzuki, Keio Univ Sch of Med, Tokyo, Japan

Increased Sensitivity to Recombinant Tissue Plasminogen Activator (rtPA)-induced Lysis in vitro of Thrombi Produced in Human Platelet Rich Plasma Containing Dabigatran
Joanne van Ryn, Monika Kink-Eiband, Davina Fischer, Johanna Schurer, Andreas Clemens, Boehringer Ingelheim, Biberach, Germany

Factor(s) within Cerebrospinal Fluid after Stroke Cause Increased Intracranial Pressure
Rebecca Hood, Damian D McLeod, Lucy A Murtha, Neil J Spratt, Univ of Newcastle, Callaghan, NSW, Australia

Epicatechin Protects Neurons from in vitro Ischemia through the Nrf2 Pathway
Megha Agrawal, Sylvain Dore, Anesthesiology, Neurology, Psychiatry, Neuroscience Depts, CTRND, Univ of Florida, Gainesville, FL

A Powerful Combination Therapy for Stroke: Post-Ischemia Ethanol Administration and Normobaric Oxygenation on Ischemic Rats
Christopher Sy, Xiaokun Geng, Paul Fu, Changya Peng, Vance Fredrickson, Dept of Neurological Surgery, Wayne State Univ Sch of Med, Detroit, MI; Xuming Ji, Xuanwu Hosp, Capital Medical Univ, Beijing, China; Murali Guthikonda, Yuchuan Ding, Dept of Neurological Surgery, Wayne State Univ Sch of Med, Detroit, MI

Reversal of Dabigatran’s Anticoagulant Activity in the Monkey by a Specific Antidote and Pharmacokinetic and Pharmacodynamic Modeling
Joshuaine Toth, Guanfa Gan, Boehringer Ingelheim Pharmaceuticals, Inc, Ridgefield, CT; Joanne Van Ryn, Boehringer Ingelheim Pharma GmbH & Co KG, Biberach, Germany; Holly Dursema, Jennifer Isler, Kelly Coble, John Burke, Bojan Lalovic, Stephen Olson, Boehringer Ingelheim Pharmaceuticals, Inc, Ridgefield, CT

Novel Platelet-Activating Factor Receptor Antagonists are Highly Neuroprotective in Focal Cerebral Ischemia
Nicolas G Bazan, Tiffany N Eady, Larissa Khoutorova, Kristal D Atkins, Louisiana State Univ, New Orleans, LA; Julio Alvarez-Builla, Univ of Alcalà, Madrid, Spain; Ludmila Belayev, Louisiana State Univ, New Orleans, LA

Statewide Thrombolysis Rates Exceed 13% in the State of Baden-Württemberg, Germany
Peter A Ringleb, Univ hospital Heidelberg, Heidelberg, Germany; Horst Wiethölter, Bürgerhospital Stuttgart, Stuttgart, Germany; Curt Diehm, Klinikum Langensteinbach, Langensteinbach, Germany; Björn Reuter, Univ hospital Mannheim, Mannheim, Germany; Christoph Gumbinger, Univ hospital Heidelberg, Heidelberg, Germany; Ingo Bruder, GeQik, Stuttgart, Germany; Susanne
Rode, GeQiK, Stuttgart, Germany; Rolf Kern, Michael Hennerici, Univ hospital Mannheim, Mannheim, Germany; Werner Hacke, Univ hospital Heidelberg, Heidelberg, Germany

Poster Board Number P277 / Presentation Number W P277
Aggressive Blood Pressure Management: A Perceived Contraindication to IV-tPA
Kara A Sands, Amelia K Boehme, Karen C Albright, Michael J Lyerly, Pawan V Rawal, Niren Kapoor, James T Houston, Muhammad Alvi, Reza Bavarsad Shahripour, April Sisson, Univ of Alabama at Birmingham, Birmingham, AL; Anne W Alexandrov, Comprehensive Stroke Ctr, Sch of Nursing, Univ of Alabama at Birmingham, Birmingham, AL; Andrei V Alexandrov, Comprehensive Stroke Ctr, Univ of Alabama at Birmingham, Birmingham, AL

Poster Board Number P278 / Presentation Number W P278
Is Prophylactic Anticoagulation for Deep Venous Thrombosis Common Practice After Intracerebral Hemorrhage?
Shyam Prabhakaran, Northwestern Univ, Chicago, IL; Patricia Herbers, Univ of Cincinnati, Cincinnati, OH; Opeolu Adeoye, Pooja Khatri, Simona Ferioli, Dawn O Kleindorfer, Univ of Cincinnati Coll of Med, Cincinnati, OH

Poster Board Number P279 / Presentation Number W P279
Can We Reduce Door-to-Needle Times and Improve Outcome by Giving tPA on the CT Suite?
Julia A Kallas, David Rodriguez-Luna, Maricn Muchada, Alan Flores, Jorge Pagola, Estela Sanjuan, Pilar Meler, Marc Ribo, Marta Rubiera, Carlos A Molina, Univ Hosp Vall d’Hebron, Barcelona, Spain

Poster Board Number P280 / Presentation Number W P280
Use of Strategies to Improve Door-to-Needle Times with Tissue Plasminogen Activator in Acute Ischemic Stroke by US Hospitals: Findings from the Target: Stroke Survey
Gregg C Fonarow, UCLA Medical Ctr, Los Angeles, CA; Eric E Smith, Univ of Calgary, Calgary, AB, Canada; Xin Zhao, Eric D Peterson, Ying Xian, DaiWai M Olson, Duke Clinical Res Inst, Durham, NC; Adrian F Hernandez, Duke Clinical Res Ctr, Durham, NC; Deepak L Bhatt, VA Boston Healthcare System, Boston, MA; Jeffrey L Saver, UCLA Med Ctr, Los Angeles, CA; Lee H Schwamm, Massachusetts General Hosp, Boston, MA

Poster Board Number P281 / Presentation Number W P281
Post-tPA Care for Acute Stroke Patients; Comparison between Intensive Care Unit Admission and Stroke Unit Admission
Julio Chalela, Cynthia Steffen, Sarah Gay, Leah Ramos, Angela Hays, Medical Univ of South Carolina, Charleston, SC

Poster Board Number P282 / Presentation Number W P282
Protecting Stroke Patients from Aspiration and Mortality through a Bedside Aspiration Screen
Edith Matesic, UCLA Medical Ctr, Santa Monica, Santa Monica, CA

Poster Board Number P283 / Presentation Number W P283
Medical Treatment Matters: Using HeadFirst Results to Enhance the Lessons From the European Hemicraniectomy Trials for Stroke
Jeffrey I Frank, Phil Schumm, Ronald Thisted, Univ of Chicago Hosp, Chicago, IL; HeADDFIRST Investigators

Poster Board Number P284 / Presentation Number W P284
Telestroke Coverage Improves Stroke Care in the Urban Hospital Setting
Jonathan W Scott, Jill Hulbert, Colorado Neurology Specialists, Aurora, CO; Chris V Fanale, Colorado Neurological Inst, Englewood, CO
Poster Board Number P285 / Presentation Number W P285
Hemicraniectomy Outcomes in Patients with Malignant Middle Cerebral Artery Infarctions Plus
Navdeep S Sangha, Kaiser Permanente, Los Angeles Medical Ctr, Los Angeles, CA; Malcolm Irani, Hui Peng, Tzu-Ching Wu, Andrew D Barreto, Sean I Savitz, James C Grotta, Nicole Gonzales, Univ of Texas, Houston, Houston, TX

Poster Board Number P286 / Presentation Number W P286
Emergency vs In House Code Stoke: Differences and Similarities
Robin R Jones, Amy M Buckner, Reid Taylor, Mission Hosp, Asheville, NC

Poster Board Number P287 / Presentation Number W P287
Screening Venous Ultrasound for Asymptomatic Lower Extremities Deep Venous Thrombosis in Acute Stroke Patients: Will it Change Management Strategies?
Linda P Ha, Maria Galang, Summa Health Systems, Akron, OH

Poster Board Number P288 / Presentation Number W P288
High Non-HDL Cholesterol is Associated With Acute Neurological Deterioration in Ischemic Stroke Patients: The Fukuoka Stroke Registry (FSR)
Takayuki Matsuki, Stroke Ctr, Steel Memorial Yawata Hosp, Kitakyushu, Japan; Takahiro Kuwashiro, Dept of Med and Clinical Science, Graduate Sch of Medi-cal Sciences, Kyushu Univ, Fukuoka, Japan; Shigeru Fujimoto, Satomi Mezuki, Juro Jinnouchi, Stroke Ctr, Steel Memorial Yawata Hosp, Kitakyushu, Japan; Masahiro Kamouchi, Dept of Med and Clinical Science, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan; Takao Ishitsuka, Stroke Ctr, Steel Memorial Yawata Hosp, Kitakyushu, Japan; Takanari Kitazono, Dept of Med and Clinical Science, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan

Poster Board Number P289 / Presentation Number W P289
The Impact of Infection on Neurological Deterioration and Outcome in Acute Ischemic Stroke Patients
Amelia K Boehme, Univ of Alabama at Birmingham, Birmingham, AL; Andre D Kumar, AdriAnne M Dorsey, James E Siegler, Tulane Univ Hosp, New Orleans, LA; Michael J Lyerly, Univ of Alabama at Birmingham, Birmingham, AL; Dominique J Monlezun, Tulane Univ Hosp, New Orleans, LA; Karen C Albright, Timothy M Beasley, Univ of Alabama at Birmingham, Birmingham, AL; Sheryl Martin-Schild, Tulane Univ Hosp, New Orleans, LA

Poster Board Number P290 / Presentation Number W P290
Endovascular Treatment of In-hospital Strokes: An Open Book
Dolora Wisco, Ken Uchino, Esteban Cheng Ching, Cleveland Clinic Fndn, Cleveland, OH; Shazia Alam, Montefiore Medical Ctr, Brooklyn, NY; Shumei Man, Ptavin George, Chris Newey, M Shazam Hussain, Cleveland Clinic Fndn, Cleveland, OH

Poster Board Number P291 / Presentation Number W P291
Outcomes and Predictors of Percutaneous Endoscopic Gastrostomy Tube Placement in Acute Ischemic Stroke versus Intracerebral Hemorrhage
Perry H Dubin, Tulane Univ Sch of Med, New Orleans, LA; Amelia K Boehme, Univ of Alabama at Birmingham, Birmingham, AL; James E Siegler, Tulane Univ Sch of Med, New Orleans, LA; Karen C Albright, Univ of Alabama at Birmingham, Birmingham, AL; Sheryl Martin-Schild, Tulane Univ Sch of Med, New Orleans, LA
Poster Board Number P292 / Presentation Number W P292
Quantitative Susceptibility Mapping for Reliably Measuring Hematoma Volume in Magnetic Resonance Imaging
Shuo Wang, Hill Sch, Pottstown, PA; Min Lou, Zhejiang Univ, Hangzhou, China; Tian Liu, Xiaomei Chen, Yi Wang, Cornell Univ, New York, NY

Poster Board Number P293 / Presentation Number W P293
Baseline Perihematomal Edema is Greater in the Presence of a CTA Spot Sign but Does Not Predict Hematoma Expansion Independent of ICH Volume
David Rodriguez-Luna, Stroke Unit, Vall d’Hebron Univ Hosp, and Vall d’Hebron Res Inst, Barcelona, Spain; Teri Stewart, Suresh Subramaniam, Calgary Stroke Program, Dept of Clinical Neurosciences, Dept of Radiology, Hotchkiss Brain Inst, Univ of Calgary, Calgary, AB, Canada; Dar Dowlatshahi, Dept of Med (Neurology), The Ottawa Hosp, Univ of Ottawa, Ottawa Hosp Res Inst, Ottawa, ON, Canada; Jayme C Kosior, Dept of Electrical and Computer Engineering, Seaman Family MR Res Ctr, Foothills Medical Ctr, Hotchkiss Brain Inst, Calgary, AB, Canada; Richard I Aviv, Div of Neuroradiology and Dept of Medical Imaging, Sunnybrook Health Sciences Ctr, Univ of Toronto, Toronto, ON, Canada; Carlos A Molina, Stroke Unit, Vall d’Hebron Univ Hosp, and Vall d’Hebron Res Inst, Barcelona, Spain; Yolanda Silva Blas, Dept of Neurology, Dr Josep Trueta Univ Hosp, Inst d’Investigació Biomèdica Girona (IDIBiG) Fndn, Girona, Spain; Imanuel Dzialowski, Dept of Neurology, Univ of Dresden, Dresden, Germany; Cheemun Lum, Dept of Diagnostic Imaging, Neuroradiology Section, The Ottawa Hosp, Univ of Ottawa, Ottawa Hosp Res Inst, Ottawa, ON, Canada; Anna Zlombokska, 2nd Dept of Neurology, Inst of Psychiatry and Neurology of Warsaw, Warsaw, Poland; Jean-Martin Boulanger, Dept of Med, Charles LeMoyne Hosp, Univ of Sherbrooke, Montreal, QC, Canada; Carlos S Kase, Dept of Radiology, Boston Medical Ctr, Boston, MA; Gerd Gubitz, Dept of Neurology, Dahshaus Univ, Halifax, NS, Canada; Rohit Bhatia, Vasantha Padma, Dept of Neurology, All India Inst of Medical Sciences, New Delhi, India; Jayanta Roy, AMRI Hosp Kolkata, Kolkata, India; Michael D Hill, Andrew M Demchuk, Calgary Stroke Program, Dept of Clinical Neurosciences, Dept of Radiology, Hotchkiss Brain Inst, Univ of Calgary, Calgary, AB, Canada; Michael D Hill, Andrew M Demchuk, Calgary Stroke Program, Dept of Clinical Neurosciences, Section of Radiology, Hotchkiss Brain Inst, Univ of Calgary, Calgary, AB, Canada; PREDICT/Sunnybrook ICH CTA study group

Poster Board Number P294 / Presentation Number W P294
CT Angiography Spot Sign Predicts Perioperative Bleeding in Primary Intracerebral Hemorrhage
H Bart Brouwers, Miriam R Raffeld, Guido J Falcone, Alison M Ayres, Kristin Schwab, Javier M Romero, Anand Viswanathan, Steven M Greenberg, Christopher S Ogilvy, Joshua N Goldstein, Jonathan Rosand, Massachusetts General Hosp, Harvard Medical Sch, Boston, MA

Poster Board Number P295 / Presentation Number W P295
Acute Blood Pressure Reduction in Intracerebral Hemorrhage Patients Does Not Increase Hypoperfused Tissue Volume: a CT Perfusion Threshold Study
Bronwen Gould, Rebecca McCourt, Univ of Alberta, Edmonton, AB, Canada; Michael D Hill, Univ of Calgary, Calgary, AB, Canada; Negar Asdaghi, Univ of British Columbia, Vancouver, BC, Canada; Dariush Dowlatshahi, Univ of Ottawa, Ottawa, AB, Canada; Thomas Jeerakathil, Univ of Alberta, Edmonton, AB, Canada; Shelagh B Coutts, Andrew M Demchuk, Univ of Calgary, Calgary, AB, Canada; Ashfaq Shuaib, Derek Emery, Ken S Butcher, Univ of Alberta, Edmonton, AB, Canada

Poster Board Number P296 / Presentation Number W P296
Direct Cost Savings Associated with Intensive Systolic Blood Pressure Reduction in Patients with Intracerebral Hemorrhage
Adnan I Qureshi, Zeenat Qureshi Stroke Ctr-ATACH 2 Investigators, Minneapolis, MN
Poster Board Number P297 / Presentation Number W P297
A Mouse Model of Cerebral Microbleeds
Shuo Liu, Vitaly Vasilevko, David H Cribbs, Mark Fisher, Univ of California Irvine, Irvine, CA

Poster Board Number P298 / Presentation Number W P298
Matrix Metalloproteinases are Involved in The Regulation of Angiogenesis After Intracerebral Hemorrhage
Qi-Ting Liu, Han-Jin Cui, Jie-Kun Luo, Yuan Lin, Tao Tang, Central South Univ, Changsha, China

Poster Board Number P299 / Presentation Number W P299
PGE2 EP1 Receptor Blockade Prevents Hemin-Induced Neurotoxicity in an in vitro Model of Intracerebral Hemorrhage

Poster Board Number P300 / Presentation Number W P300
Left Ventricle Hypertrophy is Common in Patients with Cerebral Amyloid Angiopathy-Related Intracerebral Hemorrhage and is Independently Associated with Long-Term Mortality

Poster Board Number P301 / Presentation Number W P301
Timing of Occurrence of MRI DWI Abnormalities in Patients with Spontaneous Intracerebral Hemorrhages: A Subgroup Analysis from The SHRINC Trial
Jorge Kawano-Castillo, Navdeep Sangha, Ellie Eun Ju Choi, Rebecca Martinez, Teslyn Kauffman, Renganayaki Pandurengan, Hui Peng, Mohammad H Rahbar, Jarek (Jaroslaw) Aronowski, James C Grotta, Nicole R Gonzales, Univ of Texas, Houston, TX

Poster Board Number P302 / Presentation Number W P302
Racial Differences in Imaging Characteristics and Risk Factors for Primary Intracerebral Hemorrhage: Final Results from the DECIPHER Study
Chelsea S Kidwell, Laura German, Ravi S Menon, Georgetown Univ Medical Ctr, Washington, DC; Nawar Shara, Medstar Health Res Inst, Hyattsville, MD; M Christopher Gibbons, Johns Hopkins Univ, Baltimore, MD; Anna Trout, Howard Univ, Washington, DC; Dorothy Edwards, Georgetown Univ Medical Ctr, Washington, DC

Poster Board Number P303 / Presentation Number W P303
Disparities among Native Hawaiians and Pacific Islanders with Intracerebral Hemorrhage: Effect of Methamphetamine Abuse
Kazuma Nakagawa, Univ of Hawaii, Honolulu, HI; Megan A Vento, The Queen’s Medical Ctr, Honolulu, HI; Matthew A Koenig, Univ of Hawaii, Honolulu, HI; Susan M Asai, Cherylee W Chang, The Queen’s Medical Ctr, Honolulu, HI; Todd B Seto, Univ of Hawaii, Honolulu, HI

Poster Board Number P304 / Presentation Number W P304
Prothrombin Complex Concentrate Rapidly Reverses Coagulopathy but does not Alter Mortality in Warfarin Intracerebral Hemorrhage
Xuemei Cai, Massachusetts General Hosp/Brigham and Women’s Hosp and Harvard Medical Sch, Boston, MA; Susannah Orzell, Sarah Suh, Linda Bresette, Brigham and Women’s Hosp, Boston, MA; Farzaneh Sorond, Galen Henderson, Steven Feske, Sherry H-Y Chou, Brigham and Women’s Hosp; Harvard Medical Sch, Boston, MA
Impact of Potential Systolic Blood Pressure Treatment Thresholds on Hematoma Growth in Acute Intracerebral Hemorrhage

David Rodriguez-Luna, Marta Rubiera, Marian Muchada, Stroke Unit, Vall d’Hebron Univ Hosp, Barcelona, Spain; Pilar Coscojuvela, Neuroradiology Dept, Vall d’Hebron Univ Hosp, Barcelona, Spain; Marc Ribó, Jorge Pagola, Alan Flores, Stroke Unit, Vall d’Hebron Univ Hosp, Barcelona, Spain; Bernardo Ibarra, Neuroradiology Dept, Vall d’Hebron Univ Hosp, Barcelona, Spain; Pilar Meler, Estela Sanjuan, Mar Hernandez-Guillamon, Jose Alvarez-Sabin, Joan Montaner, Carlos A Molina, Stroke Unit, Vall d’Hebron Univ Hosp, Barcelona, Spain

Determinants of Hematoma Volume Differ by Location in Intracerebral Hemorrhage

Guido J Falcone, Alessandro Biffi, H Bart Brouwers, Christopher Anderson, Thomas WK Battey, Alison M Ayres, Anastasia Vashkevich, Kristin Schwab, Natalia S Rost, Joshua N Goldstein, Anand Viswanathan, Steven M Greenberg, Jonathan Rosand, Massachusetts General Hosp, Boston, MA

Administration of Tissue Plasminogen Activator to Patients with Spontaneous ICH Does Not Lead to an Increase in Perihematomatidal Edema

Guido J Falcone, Alessandro Biffi, H Bart Brouwers, Christopher Anderson, Thomas WK Battey, Alison M Ayres, Anastasia Vashkevich, Kristin Schwab, Natalia S Rost, Joshua N Goldstein, Anand Viswanathan, Steven M Greenberg, Jonathan Rosand, Massachusetts General Hosp, Boston, MA

Global Cerebral Edema Among Good Grade Patients with Intracerebral Hemorrhage Results from the Antihypertensive Treatment of Acute Cerebral Hemorrhage (ATACH) Study

Na Li, Yan Fang Liu, Dept of Neurology, Beijing Tiantan Hosp, Beijing, China; Li Ma, Dept of Neuroradiology, Beijing Tiantan Hosp, Beijing, China; Hans Worthmann, Dept of Neurology, Hannover Medical Sch, Hannover, Germany; Peter Raab, Dept of Interventional and Diagnostic Neuroradiology, Hannover Medical Sch, Hannover, Germany; Yilong Wang, Yongjun Wang, Dept of Neurology, Beijing Tiantan Hosp, Beijing, China; Yi Pei Gao, Dept of Neuroradiology, Beijing Tiantan Hosp, Beijing, China; Reinhard Dengler, Karin Weissenborn, Dept of Neurology, Hannover Medical Sch, Hannover, Germany; Xingquan Zhao, Dept of Neurology, Beijing Tiantan Hosp, Beijing, China

Association of Molecular Markers with Perihematomatidal Edema and Clinical Outcome in Intracerebral Hemorrhage

Marc P Bonaca, TIMI Study Group, Brigham and Women’s Hosp, Cardiovascular Div, Boston, MA; Mark J Alberts, Stroke Program, Northwestern Univ Feinberg Sch of Med, Chicago, IL; Jay P Mohr, The Neurological Inst of New York, Columbia Univ, New York, NY; Sebastian F Ameriso, Inst for Neurological Res, FLENI, Buenos Aires, Argentina; Graeme J Hankey, Stroke Unit, Dept of Neurology, Royal Perth Hosp, Perth, Australia; Sabina A Murphy, TIMI Study Group, Brigham and Women’s Hosp, Boston, MA; Benjamin M Scirica, Eugene Braunwald, David A Morrow, TIMI Study Group, Brigham and Women’s Hosp, Cardiovascular Div, Boston, MA
Poster Board Number P311 / Presentation Number W P311
Estimating Supported Outcomes in Intracerebral Hemorrhage Patients with Withdrawal of Life Support through Propensity Score Matching

Multidisciplinary Clinical Rehabilitation Posters I W P312 – W P323

Poster Board Number P312 / Presentation Number W P312
Relaxation Techniques Profile of Self-reported Stroke Survivors: Analysis of The National Health Interview Survey
Abhishek Pandey, AP Medical PC, Brooklyn, NY; Martina R Gallagher, Univ of Texas Health Science Ctr, Houston, TX; Prabhat Soni, Cornell Univ Weill Medical Coll, Manhattan, NY; AP Medical PC Research Division Investigators

Poster Board Number P313 / Presentation Number W P313
Prism Adaptation Simulation Program for the Treatment of Hemispatial Neglect
Ju Kang Lee, Kwang Lae Lee, Yeong-Bae Lee, Gachon Univ Sch of Med, Incheon, Korea, Republic of

Poster Board Number P314 / Presentation Number W P314
Frequency and Characteristics of Hemiplegic Shoulder Pain - A Population-Based Assessment
Zoe A Allen, Flinders Univ of South Australia, Adelaide, Australia; SEARCH Investigator Group

Poster Board Number P315 / Presentation Number W P315
A 3 Month Follow-up of A Client-centred Activity of Daily Living Intervention After Stroke: A Multicenter Randomized Controlled Trial
Maria Ranner, Ann-Sofie Bertilsson, Susanne Guidetti, Ulla Johansson, Gunilla Eriksson, Charlotte Ytterberg, Lisa Ekstam, Magnus Andersson, Kerstin Tham, Lena von Koch, Karolinska Instt, Stockholm, Sweden

Poster Board Number P316 / Presentation Number W P316
Submaximal Exercise Test to Predict VO2 Peak in Subacute Stroke
Sandra A Billinger, Anna E Mattlage, Angela A Lentz, Michael A Rippee, Univ of Kansas Medical Ctr, Kansas City, KS

Poster Board Number P317 / Presentation Number W P317
High Metabolic Cost of Mobility and Balance Activities in Individuals Post-Stroke
Michal Kafri, Mary Jane Mydlinski, Venkata Gade, Judith E Deutsch, Dept of Rehabilitation and Movement Sciences, UMDNJ, Newark, Newark, NJ

Poster Board Number P318 / Presentation Number W P318
Level and Predictors of Participation in Stroke Patients Undergoing Inpatient Rehabilitation
Keng Kong, Su Y Yang, Tan Tock Seng Hosp, Singapore, Singapore

Poster Board Number P319 / Presentation Number W P319
Can Acupuncture Benefit Putaminal Hemorrhagic Stroke Patients? A Randomized Controlled Clinical Trial
George KC Wong, The Chinese Univ of Hong Kong, Hong Kong SAR, Hong Kong; CUHK-Shatin Hospital Neurosurgical Research (Acupuncture) Group
Poster Board Number P320 / Presentation Number W P320
Patient-centered Predictors of Rehabilitation Care after Acute Stroke
Joel Stein, Columbia Univ Coll of Physicians and Surgeons, New York, NY; Janet P Bettger, Duke Univ, Durham, NC; Alyse Sicklick, Gaylord Hosp, Wallingford, CT; Robin Hedeman, Kessler Rehabilitation Hosp, West Orange, NJ; Zainab Magdon-Ismail, American Heart Association, Albany, NY; Lee H Schwamm, Massachusetts General Hosp, Boston, MA

Poster Board Number P321 / Presentation Number W P321
Somatosensory Stimulation Combined with Moderate Intensity Therapeutic Exercise Significantly Improves Motor Function in Chronic Stroke Survivors
Denise Gobert, Curtis Merring, Kristin Dugan, Texas State Univ, San Marcos, TX

Poster Board Number P323 / Presentation Number W P323
Effects of Low-frequency Repetitive Magnetic Stimulation of the Unaffected Hemisphere on Cortical Excitability in the Subacute Phase After Stroke
Adriana B Conforto, Eduardo A Mello, Sarah M dos Anjos, Juliana Conti, Karina N Andrade, Waldyr Rodrigues Jr, Hosp das Clinicas/Sao Paulo Univ, Sao Paulo, Brazil; Leonardo G Cohen, NINDS/NIH, Bethesda, MD

Poster Board Number P324 / Presentation Number W P324
Stroke Recognition Among Inpatient Staff at an Academic Medical Center
Eric E Adelman, William J Meurer, Dorinda K Nance, Mary Jo Kocan, Kate E Maddox, Lewis B Morgenstern, Lesli E Skolarus, Univ of Michigan, Ann Arbor, MI

Poster Board Number P325 / Presentation Number W P325
The Appropriate Body Position During Nasal-gastric Tube Feeding to Prevent the Aspiration Pneumonia in Acute Stroke Patients
Haruka Suzuki, Sayaka Takeda, Masahito Nakazaki, Sachiko Sone, Takahisa Mori, Shonan Kamakura General Hosp Stroke Ctr, Kamakura, Japan

Poster Board Number P326 / Presentation Number W P326
Randomized-Controlled Study on the Effects of Hand Bathing on Stroke Patients in Convalescence - Subjective Improvements in Hand Movement and Increased Positiveness in Talking
Rika Yano, Miki Haseyama, Hokkaido Univ, Sapporo, Japan

Poster Board Number P327 / Presentation Number W P327
Strategies for Improving Stroke Caregiver Readiness
Barbara J Lutz, Mary Ellen Young, Crystal Martz, Kerry Rae Creasy, Univ of Florida, Gainesville, FL

Poster Board Number P328 / Presentation Number W P328
A Nurse-Led Initiative Improves Adherence Rates for Stroke Follow-up and Blood Pressure Management
Darren T Larsen, Helmi L Lutsep, Oregon Health & Science Univ, Portland, OR

Poster Board Number P329 / Presentation Number W P329
A Functional Recovery Analysis of Inpatient Rehabilitation for Mild Stroke Patients
Nicole Pageau, The Credit Valley and Trillium Health Ctr, Etobicoke, ON, Canada; Patrice Lindsay, The Canadian Stroke Network, Ottawa, ON, Canada; Mark Bayley, Toronto Rehabilitation Inst, Toronto, ON, Canada

Poster Board Number P330 / Presentation Number W P330
Hospital and EMS Collaborate to Improve Field Stroke Recognition
Shelleen King, Saint Luke’s Hosp of Kansas City, Lees Summit, MO; Jason Jenkins, Miami County EMS, Paola, KS
Diverse Microglia Morphologies Induced By Ischemic Stroke and Reperfusion are not Accompanied Bb Altered Brain Inducible Nitric Oxide Synthase Expression
Helena W Morrison, Jessica A Filosa, Georgia Health Sciences Univ, Augusta, GA

A Simplified Score to Predict Stroke Risk in Nonvalvular Atrial Fibrillation
Clare T Garrard, Mahesh Amin, Morton Plant Mease Healthcare, Clearwater, FL; Abdul H Hakki, Heart and Vascular Inst of Florida, Safety Harbor, FL

The Positive Impact of Role Definition and Communication on Door to Needle Times in Acute Stroke Patients Receiving Intravenous Alteplase
Susan Ashcraft, Katherine Clark, Rita Mintmier, Debra Britt, Denise Rhew, Cone Health, Greensboro, NC

Closing the Gap - Development of a Regional Stroke System
Johanna Sharp, Univ Health System, San Antonio, TX; Melissa Hunter-Alonzo, Adam Blanchette, Methodist Healthcare System, San Antonio, TX; Lee Birmbaum, Univ of Texas Health Science Ctr at San Antonio, San Antonio, TX; Eric Epley, Eleanor Lacson, Southwest Texas Regional Advisory Council, San Antonio, TX; Anne Leonard, Univ of Texas Health Science Ctr at San Antonio, San Antonio, TX; Preston Love, Southwest Texas Regional Advisory Council, San Antonio, TX; Deb Motz, Baptist Health System, San Antonio, TX; Michele Patterson, Methodist Healthcare System, San Antonio, TX; Justin Pruitt, Univ of Texas Health Science Ctr at San Antonio, San Antonio, TX; Brandi Wright, Southwest Texas Regional Advisory Council, San Antonio, TX; Dicky Huey, Baptist Health System, San Antonio, TX

Telestroke to Bring Tertiary Center Acute Stroke Practice to Rural Minnesota Residents; Percent Treated With Interventional Procedures, Timing, and Clinical Results
Amy Castle, Lana Stein, Karen Porth, HealthEast St Joseph's Hosp, St Paul, MN; Michael Madison, St Paul Radiology, St Paul, MN; Sandra Hanson, HealthEast St Joseph's Hosp, St Paul, MN

Role of the Outreach Manager in a Multi-Hospital Acute Stroke Network
Kerrin M Connelly, Karen B Seagraves, Grady Memorial Hosp, Atlanta, GA

Development of a Veteran Specific Stroke Educational Guide
Karen Stonecypher, Pamela Willson, Michael E DeBakey VA Medical Ctr, Houston, TX

Reducing Door-to-Needle Time for Acute Ischemic Stroke Thrombolysis in a Community Hospital

Is There a Ceiling Effect for EMS Stroke Diagnostic Accuracy?
Diane Handler, Catherine Kane, Michelle Wehr, Mercy Medical Ctr, Cedar Rapids, IA; Anne W Alexandrov, Univ of Alabama at Birmingham, Comprehensive Stroke Ctr & Sch of Nursing, Birmingham, AL
Improving Nursing Documentation Compliance for Patients Treated with Alteplase Diagnosed with Ischemic Strokes
Kevin Cruz, Deborah Liable, Banner Del E Webb Medical Ctr, Sun City West, AZ

Clinical Practice Guidelines Supported through Interdisciplinary Stroke Rounds
Brenda Krokoski, Alta Bates Summit Medical Ctr, Berkeley, CA

Role of the Clinical Pharmacist in Reducing Decision-to-Needle tPA Times During Code Stroke in the Emergency Department
Kevin Brandon, Amanda Kramer, Catherine Mulawka, Kenmore Mercy Hosp, Kenmore, NY

Effective Nursing Strategy to Accurately Document Patient/Family Education
Heidi R Warrington, St Joseph Mercy Oakland, Pontiac, MI

Stroke Risk Factors Screening and Education: A Regional Strategy to Address Stroke Prevalence and Mortality in Eastern North Carolina
Terry M Congleton, Cristine W Small, Susan D Freeman, Vidant Medical Ctr, Greenville, NC

Improving Nursing Skills In Acute Stroke Patients Can Reduce The Time-to-treatment
Estela SanJuan, Pilar Meler, Marta Rubiera, Marc Ribo, Marian Muchada, Jorge Pagola, Alan A Flores, David Rodriguez-Luna, Julia A Kallas, Carlos A Molina, Hosp Univri Vall D’Hebron, Barcelona, Spain

Telestroke Practice With Integrated Quality Improvement Strategy Increases use of IV tPA in Rural Minnesota
Amy Castle, HealthEast St Joseph’s Hosp, St Paul, MN; Karen Buckentin, Glencoe Regional Health Services, Glencoe, MN; Patty Massman, Granite Falls Municipal Hosp, Granite Falls, MN; Louise Anderson, Redwood Area Hosp, Redwood Falls, MN; Jeanette Pasche, Glacial Ridge Health System, Glenwood, MN; Terry Wurtzberger, Essentia St Joseph’s Medical Ctr, Brainerd, MN

Nurse-Led Stroke Teams Can Effectively and Efficiently Manage In-Hospital Stroke Events
Diane Handler, Catherine Kane, Michelle Wehr, Christa Steffens, Mercy Medical Ctr, Cedar Rapids, IA; Anne W Alexandrov, Univ of Alabama at Birmingham, Sch of Nursing and Comprehensive Stroke Ctr, Birmingham, AL

Effectiveness of Rural Community Stroke Screenings on Identification and Physician Follow up for Stroke Risk Factors
Pauline M Rankin, Christine R Perry, James R McLaughlin, UPMC Northwest, Seneca, PA

Evolution of a Stroke Center Utilizing Systems Thinking and Collaborative Strategies
Nicole M Burnett, David Y Huang, Univ of North Carolina Hosp, Chapel Hill, NC
Poster Board Number P351 / Presentation Number W P351
Using Standard Work to Improve the Discharge Process on a Neurology Division
Rose M Donnelly, Tim Tranor, Julie Griffin, Kalcee Foreman, Adrienne Ford, Katie Wallis, David Carpenter, Renee B Van Stavern, Tom Dinwiddie, Becky Antonacci, Heather Triplett, Sondra Solomon, Calvin Thomas III, Hilary Harris, Mary Wellen, Michelle Davis, Brian Hoff, Barnes-Jewish Hosp, Saint Louis, MO

Poster Board Number P352 / Presentation Number W P352
Stroke Rounds: An Organizational Approach to Core Measures Improvement
Mandi Counters, Amy Barna, Beth Krage, Gundersen Lutheran Medical Ctr, La Crosse, WI

Poster Board Number P353 / Presentation Number W P353
Implementation of the Stroke Clinical Nurse Leader Enhances Patient Care
Susan Quimby, Saint Barnabas Medical Ctr, Livingston, NJ

Poster Board Number P354 / Presentation Number W P354
Hospitalized Stroke Patient Falls Rates Reduced by 50% after Stroke Survivor Focus Group
Kimberly Gray, St Joseph Mercy Hosp, Ypsilanti, MI

Poster Board Number P355 / Presentation Number W P355
Impact of Target Stroke on Reducing Door-to-Needle Times
Kari Moore, Ruolan Liu, Cathy Bays, Laura Bystrak, Betty Cochrane, Elizabeth Wise, Kerri Remmel, Univ of Louisville, Louisville, KY

Poster Board Number P356 / Presentation Number W P356
Building a Regional System of Care for Stroke and ST-elevation Myocardial Infarction (STEMI) Using the Trauma System
Eileen Worden, Michigan Dept of Community Health, Lansing, MI; Phillip Scott, Univ of Michigan Hosp, Ann Arbor, MI; Howard Klausner, Christopher Lewandowski, Henry Ford Hosp, Detroit, MI; Syed Hussain, Michigan State Univ, East Lansing, MI; Robert Sunne, St Johns Hosp and Medical Ctr, Detroit, MI; Amy Barkholz, Michigan Hosp Association, Lansing, MI; Robin Shively, Michigan Dept of Community Health, Lansing, MI; Denise Busman, Theresa Price, Spectrum Health, Grand Rapids, MI; Deborah Detro-Fisher, Northeast Michigan Medical Control Authority, Alpena, MI; Marylou Mitchell, Sparrow Hosp, Lansing, MI; Sarah Poole, American Heart Association, Grand Rapids, MI; Michigan DCH, Heart Disease and Stroke Prevention/EMS and Trauma System Section-SOC Workgroup

Poster Board Number P357 / Presentation Number W P357
Transforming A Neuro Naïve Facility Into A Comprehensive Stroke Center
Eileen Gallagher, Kathy Donley, Kennedy Health System, Sewell, NJ

Poster Board Number P358 / Presentation Number W P358
The Toronto Stroke Networks Virtual Community of Practice: Collaborative Change Leadership to Create Enhanced Purpose for Best Practice Implementation
Elizabeth Linkewich, Joanne Fortin, North & East GTA Stroke Network, Toronto, ON, Canada

Poster Board Number P359 / Presentation Number W P359
Achieving Target: Stroke Honor Roll Status through the Utilization of 9 Best Practice Strategies
Jennifer Garland, White Memorial Medical Ctr, Los Angeles, CA
Poster Board Number P360 / Presentation Number W P360
Utilization of the National Institutes of Health Stroke Scale: Challenges and Interventions
Janette R Yanko, Stacey Lang, Corazon, Inc, Pittsburgh, PA

Poster Board Number P361 / Presentation Number W P361
The Golden Hour: A Team-Based Approach to Targeting Door to Needle Time
Jennifer M Brackman, Angela McGee, Katie Wright, Aultman Hosp, Canton, OH

Poster Board Number P362 / Presentation Number W P362
Stroke Survivors in a 12-Week Yang-Style Tai Chi Intervention Have Fewer Falls
Ruth E Taylor-Piliae, Tiffany M Hoke, Bijan Najafi, Bruce M Coull, Univ of Arizona, Tucson, AZ

Poster Board Number P363 / Presentation Number W P363
The Journey of a Five-Hospital System to Primary Stroke Center Certification
Deb Motz, Dicky Huey, Tracy Moore, Byron Freemyer, Tommye Austin, Baptist Health System, San Antonio, TX

Poster Board Number P364 / Presentation Number W P364
Key Stakeholders Recognize the Need for a Structured Approach to Psychological Support with Input from a Clinical Psychologist
Madeleine A Harrison, Sheffield Teaching Hosp NHS Fndn Trust (CLAHRC-SY), Sheffield, United Kingdom; Clare Gardiner, Tony Ryan, Univ of Sheffield, Sheffield, United Kingdom; Amanda Jones, Sheffield Teaching Hosp NHS Fndn Trust, Sheffield, United Kingdom

Poster Board Number P365 / Presentation Number W P365
STARS PLUS Patient Transition Pilot Program
Alexandra Graves, Univ of Colorado Hosp, Aurora, CO; Angie West, Long Beach Memorial, Long Beach, CA; Miranda N Bretz, Natl Stroke Association, Centennial, CO; Marie Welch, Vidant Medical Ctr, Greenville, NC; Lynn Toth, Beebe Medical Ctr, Lewes, DE; Karen Kiesz, MultiCare Health System Tacoma General Hosp, Tacoma, WA

Poster Board Number P366 / Presentation Number W P366
Secondary Stroke Prevention Program: Effect on Stroke Specific Quality of Life
Teresa Damush, Indiana Univ Sch of Med, VA Stroke QUERI Ctr, Indianapolis, IN; Jane Anderson, Houston VA Medical Ctr, Houston, TX; Zhangsheng Yu, Susan Oftner, Indiana Univ Sch of Med, Biostatistics, Indianapolis, IN; Laura Myers, Roudebush VAMC, HSRD, Indianapolis, IN; Arlene Schmid, Linda Williams, Indiana Univ Sch of Med, VA Stroke QUERI Ctr, Indianapolis, IN

Poster Board Number P367 / Presentation Number W P367
Factors Related to High Plasma Homocysteine Level at One Year Post-stroke in Korean Patients With Ischemic Stroke
Seung-hye Choi, Seoul Natl Univ, Seoul, Korea, Republic of; Jong S Kim, Asan Medical Ctr, Seoul, Korea, Republic of; Jinyoung Park, So-hyun Kim, Smi Choi-Kwon, Seoul Natl Univ, Seoul, Korea, Republic of

Poster Board Number P368 / Presentation Number W P368
Differences in Antioxidant Capacity, Oxidative Stress, and Nutrient Intake Patterns Between Male and Female Stroke Patients
Smi Choi-Kwon, Seung-hye Choi, Coll of Nursing, Seoul Natl Univ, Seoul, Korea, Republic of; Chung-Sil Kwak, Seoul Natl Univ, Seoul, Korea, Republic of; Jinyoung Park, So-hyun Kim, Min-hee Suh, Coll of Nursing, Seoul Natl Univ, Seoul, Korea, Republic of; Jong S Kim, Asan Medical Ctr, Seoul, Korea, Republic of
## Outcomes, Quality and Health Services Research Posters I

### Poster Board Number P369 / Presentation Number W P369
**Doctorate of Nursing Practice-led Transitions of Care Model for Stroke and Transient Ischemic Attack**

Helena N Haynes, Univ of Arizona Coll of Nursing, Tucson, AZ; Carol J Smith, Univ of Arizona Medical Ctr, Tucson, AZ; Steven D Haenchen, Univ of Arizona Coll of Public Health, Tucson, AZ; Kendra Drake, Univ of Arizona Dept of Neurology, Tucson, AZ; Sally J Reel, Leslie S Ritter, Univ of Arizona Coll of Nursing, Tucson, AZ

### Poster Board Number P370 / Presentation Number W P370
**The Swedish Quality Register for Transient Ischemic Attacks: Design and Initial Results**

Bo Norrving, Univ of Lund, Lund, Sweden; Peter Appelros, Dept of Neurology, Örebro Univ Hosp, Örebro, Sweden; Andreas Terent, Dept of Medical Sciences, Uppsala Univ Hosp, Uppsala, Sweden; Per Wester, Dept of Public Health and Clinical Med, Umeå Stroke Ctr, Umeå, Sweden; for the Riks-Stroke Steering Committee

### Poster Board Number P371 / Presentation Number W P371
**A Transient Ischemic Attack Electronic Decision Support Tool Can Safely Reduce Management Delays**

Chwan-Fen Yang, Waikato District Health Board, Hamilton, New Zealand; Michael Funnell, Pietro Cariga, Annemarei Ranta, MidCentral Health, Palmerston North, New Zealand

### Poster Board Number P372 / Presentation Number W P372
**Quality Improvement in Acute Ischemic Stroke Care in Taiwan: the Breakthrough Collaborative in Stroke**

Jiann-Shing Jeng, Dept of Neurology, Natl Taiwan Univ Hosp, Taipei, Taiwan; Li-Ming Lien, Dept of Neurology, Shin Kong WHS Memorial Hosp, Taipei, Taiwan; Tsong-Hai Lee, Dept of Neurology, Chang Gung Memorial Hosp, Linkou, Taiwan; Chang-Ming Chern, Neurological Inst, Taipei Veterans General Hosp, Taipei, Taiwan; Hung-Yi Chiu, Sch of Public Health, Taipei Medical Univ, Taipei, Taiwan; Hsun-Hsiang Liao, Hang Chang, Taiwan Joint Commission on Hosp Accreditation, Taipei, Taiwan; Kenneth A LaBresh, RTI Int'l, Waltham, MA; Hou-Chang Chiu, Dept of Neurology, Shin Kong WHS Memorial Hosp, Taipei, Taiwan; BTS-Stroke Investigators

### Poster Board Number P373 / Presentation Number W P373
**A Novel High-risk TIA and Minor Stroke Rapid Assessment Day-unit to Improve Quality of Care and Patient Outcomes**

Anne Cayley, Jemini Abraham, Libby Kalman, Cheryl Jaigobin, Martin del Campo, Frank L Silver, Leanne K Casaubon, Univ of Toronto, Toronto, ON, Canada

### Poster Board Number P374 / Presentation Number W P374

Malik M Adil, Siddique Akbar, Zeenat Qureshi Stroke Ctr, Minneapolis, MN; Saqib A Chaudhry, Michigan State Uni, Lansing, MI; Ameer E Hassan, Adnan I Qureshi, Zeenat Qureshi Stroke Ctr, Minneapolis, MN

### Poster Board Number P375 / Presentation Number W P375
**Quality of Care and In-Hospital Outcomes by Race and Ethnicity among Patients Hospitalized with Intracerebral Hemorrhage: Findings from 123,623 Patients in the Get With The Guidelines-Stroke Program**

Ying Xian, Duke Clinical Res Inst, Durham, NC; Robert Holloway, Univ of Rochester, Rochester, NY; Eric Smith, Univ of Calgary, Calgary, AB, Canada; Lee Schwamm, Massachusetts General Hosp, Boston, MA; Mathew Reeves, Michigan State Univ, East Lansing, MI; Deepak Bhatt, Brigham and Women's Hosp, Boston, MA; for the Get With The Guidelines-Stroke Investigators.
Boston, MA; Margueritte Cox, DaiWai Olson, Adrian Hernandez, Barbara Lytle, Duke Clinical Res Inst, Durham, NC; Gregg Fonarow, Univ of California, Los Angeles, Los Angeles, CA; Eric Peterson, Duke Clinical Res Inst, Durham, NC

Poster Board Number P376 / Presentation Number W P376
Effects of Organized Stroke Care Capacities on In-hospital Mortality of Patients with Ischemic and Hemorrhagic Stroke J-ASPECT Study
Koji Iihara, Kunihiro Nishimura, Akiko Kada, Natl Cardiovascular Ctr, Osaka, Japan; Jyoji Nakagawara, Nakamura Memorial Hosp, Sapporo, Japan; Kuniaki Ogasawara, Iwate Medical Univ, Morioka, Japan; Junichi Ono, Chiba Cardiovascular, Ichihara, Japan; Yoshiaki Shiokawa, Kyorin Univ, Mitaka, Japan; Toru Aruga, Showa University, Tokyo, Japan; Shigeru Miyachi, Nagoya Univ, Nagoya, Japan; Izumi Nagata, Nagasaki Univ, Nagasaki, Japan; Kazunori Toyoda, Hiroharu Kataoka, Natl Cardiovascular Ctr, Osaka, Japan; Shinya Matsuda, Univ of Environmental and Occupational Health, Kita-Kyushu, Japan; J-ASPECT Investigators

Poster Board Number P377 / Presentation Number W P377
Outcome After Stroke - “Good” Or “Poor”?
Claire J Creutzfeldt, Kyra J Becker, Glenn B Schubert, WT Longstreth Jr, David L Tirschwell, Harborview Medical Ctr, Seattle, WA

Poster Board Number P378 / Presentation Number W P378
Characteristics and Outcomes of Stroke Patients Transferred to Hospitals Participating in the Michigan Coverdell Acute Stroke Registry 2009-2011
Stacey Roberts, Adrienne Nickels, Michigan Dept of Community, Lansing, MI; Erin Shell, Michigan State Univ, East Lansing, MI; Marylou Mitchell, Sparrow Hosp, Lansing, MI; Syed Hussain, Michigan State Univ/Sparrow Hosp, Lansing, MI; Mathew Reeves, Michigan State Univ, East Lansing, MI

Poster Board Number P379 / Presentation Number W P379
“Defect-Free” Stroke Care Improves Outcomes in Patients with Acute Ischemic Stroke
Li Dong, Daniel Probst, Nancy Nelson, Kevin Call, Intermountain Healthcare, Salt Lake City, UT

Poster Board Number P380 / Presentation Number W P380
Diastolic Dysfunction Predicts In-Hospital Death in Stroke and Transient Ischemic Attack Patients with Atrial Fibrillation
Yohei Tateishi, Akira Tsujino, Jumpei Hamabe, Nagasaki Univ Hosp, Nagasaki, Japan; Cerebrovascular Center; Osamu Tasaki, Nagasaki Univ Hosp, Nagasaki, Japan; Emergency Medical Center; Koji Maemura, Nagasaki Univ Hosp, Nagasaki, Japan; Department of Cardiovascular Medicine; Izumi Nagata, Nagasaki Univ Hosp, Nagasaki, Japan; Department of Neurosurgery

Poster Board Number P381 / Presentation Number W P381
Hospital Participation and Performance in Stroke Systems of Care: Results from The NorthEast Cerebrovascular Consortium (NECC) Region
Charles R Wira III, Yale Sch of Med, New Haven, CT; Zainab Magdon-Ismail, American Stroke Association, Albany, NY; Shannon Melluzzo, David Day, American Stroke Association, West Springfield, MA; Louise D McCullough, Univ of Connecticut Health Ctr and The Stroke Ctr at Hartford Hosp, Farmington, CT; Joel Stein, Columbia Univ Coll of Physicians and Surgeons; Weill Cornell Medical Coll and NewYork-Presbyterian Hosp, New York, NY; Lee H Schwamm, Massachusetts General Hosp and Harvard Medical Sch, Boston, MA; Toby Gropen, Ochsner Medical Ctr, New Orleans, LA; on behalf of The NorthEast Cerebrovascular Consortium

Poster Board Number P382 / Presentation Number W P382
The Cost of Ischemic Stroke: The Superiority of Marginal over Total Cost Estimation and Its Impact on National Cost Estimates
Annie N Simpson, Charles Ellis, Abby S Kazley, Heather S Bonilha, James S Zoller, Medical Univ of South Carolina, Charleston, SC
Poster Board Number P383 / Presentation Number W P383
An Economic Model of Improved Acute Stroke Care in the Management of Acute Ischemic Stroke From a State Medicaid Perspective
Zheng-Yi Zhou, Liangyi Fan, Er Chen, Jipan Xie, Eric Q Wu, Analysis Group, Inc, Boston, MA

Poster Board Number P384 / Presentation Number W P384
Feasibility of Systematic Assessment of 30-day Functional Outcomes After Stroke
Irene L Katzan, Cleveland Clinic and MetroHealth Medical Ctr, Cleveland, OH; Alice M Liskay, Siobhan Martin, Charles Thomas, Thomas E Love, Nancy Konrad, MetroHealth Medical Ctr, Cleveland, OH; Ohio Coverdell Investigators

Poster Board Number P385 / Presentation Number W P385
Seasonal, Circaseptan and Diurnal Variations in Stroke Onset, Severity and Costs: Findings from the Royal Melbourne Hospital Stroke Registry 2004-2011
Lucy Busija, Danny Liew, The Univ of Melbourne, Melbourne, Australia; Bernard Yan, Louise Weir, Peter Hand, Melbourne Health, Melbourne, Australia; Stephen M Davis, The Univ of Melbourne, Melbourne, Australia

Poster Board Number P386 / Presentation Number W P386
Improving Statewide Stroke Systems of Care in Times of Fiscal Challenge - the Results of Effective Partnership
Nina J Solenski, Univ of Virginia Healthcare System, Charlottesville, VA; John C Agola, Sentara Healthcare, Norfolk, VA; Diane G Hillman, VCU Health System, Richmond, VA

Poster Board Number P387 / Presentation Number W P387
Stroke Mortality in Japan Increases on Weekends Although Those in Comprehensive Stroke Centers Remain Unchanged - J-ASPECT Study
Kunihiro Nishimura, Koji Ihara, Akiko Kada, Michikazu Nakai, Natl Cardiovascular and Cerebral Ctr, Suita, Japan; Jyoji Nakagawara, Nakamura Memorial Hosp, Sapporo, Japan; Kunikazu Ogawara Ogasawara, Iwate Medical Univ, Morioka, Japan; Kunichi Ono, Chiba Cardiovascular Ctr, Ichihara, Japan; Yoshiaki Shiokawa, Kyorin Univ, Mitaka, Japan; Toru Aruga, Showa Univ, Tokyo, Japan; Shigeru Miyachi, Nagoya Univ, Nagoya, Japan; Izumi Nagata, Nagasaki Univ, Nagasaki, Japan; Satoru Kamitani, Tokyo Univ, Tokyo, Japan; Kazunori Toyoda, Hisae Mori, Hirohara Kataoka, Natl Cardiovascular and Cerebral Ctr, Suita, Japan; Shinya Matsuda, Univ of Environmental and Occupational Health, Kita-Kyushu, Japan

Poster Board Number P388 / Presentation Number W P388
The Impact of Chronic Kidney Disease on the Outcome of Large Artery Atherosclerotic Stroke: Results from Taiwan Stroke Registry
Shin-Joe Yeh, Sung-Chun Tang, Li-Kai Tsai, Jiann-Shing Jeng, Natl Taiwan Univ Hosp and Natl Taiwan Univ Coll of Med, Taipei, Taiwan; Taiwan Stroke Registry Investigators

Poster Board Number P389 / Presentation Number W P389
Lack of Relationship Between Joint Commission Stroke Performance Measures and Functional Outcome in Ischemic Stroke
Eric E Adelman, Lynda D Lisabeth, Jonggyu Baek, Brisa N Sanchez, James F Burke, Lesli E Skolarus, Melinda A Smith, Lewis B Morgenstern, Univ of Michigan, Ann Arbor, MI

Poster Board Number P390 / Presentation Number W P390
Stroke Severity Threshold for Acute Stroke Trials
Nishant K Mishra, Univ of Glasgow, Glasgow, United Kingdom; Gregory W Albers, Stanford Univ, Palo Alto, CA; Kennedy R Lees, Univ of Glasgow, Glasgow, United Kingdom; on behalf of the VISTA Collaboration
Reducing Readmissions through Secondary Stroke Prevention Clinics  
Ferhana Khan, Ruth Hall, Kathryn Hodwitz, Jiming Fang, Moira Kapral, Frank Silver, Inst for Clinical Evaluative Sciences, Toronto, ON, Canada

Exploration of Time-course Combinations of Outcome Scales for Use in a Global Test of Stroke Recovery  
Fraser C Goldie, Rachael L Fulton, Jesse Dawson, Kennedy R Lees, Inst of cardiovascual and Medical Sciences, Glasgow, United Kingdom; VISTA Collaboration

Insights into the Cost-effectiveness of Blood Pressure Management for Secondary Stroke Prevention  
Kate C Young, Adam G Kelly, Curtis G Benesch, Strong Memorial Hosp, Rochester, NY; Oscar Benavente, Univ of British Columbia, Vancouver, BC, Canada

Classification of Periventricular White Matter Disease (WMD) in Clinical Radiology Reports vs Direct Film Review in Ischemic Stroke Patients  
Jonathan Hancher, Jane Ellerman, Kathleen Alwell, Univ of Cincinnati, Cincinnati, OH; Heidi Sucharew, Cincinnati Children’s Hosp, Cincinnati, OH; Charles J Moomaw, Daniel Woo, Matthew L Flaherty, Pooja Khatri, Opeolu Adeoye, Simona Ferioli, Sharyl Martini, Felipe de los Rios la Rosa, Dawn Kleindorfer, Brett M Kissela, Univ of Cincinnati, Cincinnati, OH

Effects of the Accessibility to Emergency Medical Systems on Stroke Mortality: A Nationwide Survey (J-ASPECT study)  
Akiko Kada, Kunihiro Nishimura, Nati Cerebral and Cardiovascular Ctr, Saita, Japan; Jyoji Nakagawara, Nakamura Memorial Hosp, Sapporo, Japan; Kuniaki Ogasawara, Iwate Medical Univ, Morioka, Japan; Junichi Ono, Chiba Cardiovascular Ctr, Ichihara, Japan; Yoshiaki Shiokawa, Kyorin Univ, Mitaka, Japan; Toru Aruga, Showa Univ, Tokyo, Japan; Shigeru Miyachi, Nagoya Univ, Nagoya, Japan; Izumi Nagata, Nagasaki Univ, Nagasaki, Japan; Kazunori Toyoda, Nati Cerebral and Cardiovascular Ctr, Saita, Japan; Shinya Matsuda, Univ of Environmental and Occupational Health, Kita-Kyushu, Japan; Koji Iihara, Nati Cerebral and Cardiovascular Ctr, Saita, Japan; J-ASPECT Investigators

Using Electronic Medical Record System to Influence Management for Patients with High Risk Transient Ischemic Attack  
Mai N Nguyen-Huynh, Lue-Yen Tucker, Jeff Klingman, Kaiser Permanente, Oakland, CA

In-Hospital Mortality: Is the Rate Associated with Hemicraniectomy Changing Over Time?  
Philip R Khoury, Cincinnati Children’s Hosp Medical Ctr, Univ of Cincinnati, Cincinnati, OH; Heidi Sucharew, Jane C Khoury, Cincinnati Children’s Hosp Medical Ctr, Cincinnati, OH

Improving Stroke and TIA Care in the Emergency Department: Results from a Provincial Stroke Improvement Collaborative  
Noreen Kamal, Devin Harris, Univ of British Columbia, Vancouver, BC, Canada; Pam Aikman, Provincial Health Services Authority, Vancouver, BC, Canada; Julian Marsden, Univ of British Columbia, Vancouver, BC, Canada; Christina Krause, BC Patient Safety and Quality Council, Vancouver, BC, Canada
Poster Board Number P400 / Presentation Number W P400
Greater Stroke Severity Predominates Over All Other Factors for the Worse Outcome of Cardioembolic Stroke

Poster Board Number P401 / Presentation Number W P401
Influence of Hospital-Level Practices on Readmission after Ischemic Stroke
James F Burke, Eric E Adelman, Lesli E Skolarus, Devin L Brown, Univ of Michigan, Ann Arbor, MI

Poster Board Number P402 / Presentation Number W P402
Randomised Controlled Trial of Motivational Interviewing Early After Acute Stroke - The Effect of Using Different Cut-Points for Mood
C Elizabeth Lightbody, Michael J Leathley, Malcolm F Auton, Hazel Dickinson, Denise Forshaw, Joanna McAdam, Christopher J Sutton, Caroline L Watkins, Univ of Central Lancashire, Preston, United Kingdom

Poster Board Number P403 / Presentation Number W P403
A New Risk Index for Predicting Outcomes Among Patients Undergoing Carotid Endarterectomy in Large Administrative Datasets
Saqib A Chaudhry, Syed I Hussain, Michigan State Univ, Lansing, MI; Mohammad R Afzal, Univ of Minnesota, Minneapolis, MN; Arneer E Hassan, Univ of Texas Health Science Ctr - San Antonio, Harlingen, TX; Malik M Adil, Adnan I Qureshi, Univ of Minnesota, Minneapolis, MN

Poster Board Number P404 / Presentation Number W P404
The Supplementary Motor Scale of the Nihss: A Valid and Efficient Tool for Multidisciplinary Recovery Trials
Enrique Leira, Christopher Coffey, Ricardo Jorge, Susanne Morton, Michael Froehler, Patricia Davis, Harold Adams Jr, Univ of Iowa, Iowa City, IA

Poster Board Number P405 / Presentation Number W P405
Sex Differences in Post-Stroke Functional Outcomes
Lynda Lisabeth, Univ of Michigan, Ann Arbor, MI; Matthew J Reeves, Michigan State Univeristy, East Lansing, MI; Jonggyu Baek, Brisa N Sanchez, Lesli E Skolarus, Devin L Brown, Lewis B Morgenstern, Univ of Michigan, Ann Arbor, MI

Pediatric Stroke Posters I

Poster Board Number P406 / Presentation Number W P406
Out of Pocket Costs for Pediatric Stroke Care
Patricia Plumb, Dallas Childrens Hosp, Dallas, TX; Eric Seiber, Ohio State Univ, Columbus, OH; Michael M Dowling, Dallas Childrens Hosp, Dallas, TX; JoEllen Lee, Nationwide Childrens Hosp, Columbus, OH; Timothy J Bernard, Childrens Hosp Colorado, Denver, CO; Gabrielle deVeber, Hosp for Sick Children, Toronto, ON, Canada; Rebecca Ichord, Rachel Bastian, Childrens Hosp of Philadelphia, Philadelphia, PA; Warren D Lo, Nationwide Childrens Hosp, Columbus, OH
Physician Knowledge Regarding Transcranial Doppler Screening Recommendations Among Children with Sickle Cell Disease
Sarah L Reeves, Univ of Michigan, Ann Arbor, MI; Heather J Fullerton, Univ of California, San Francisco, San Francisco, CA; Kevin J Dombkowski, Lynda D Lisabeth, Univ of Michigan, Ann Arbor, MI

Patent Foramen Ovale in Childhood Arterial Ischemic Stroke: Prevalence and Stroke Recurrence in a Prospective Cohort

Hematoma Expansion After Spontaneous Intracerebral Hemorrhage in Children

Comparison of Transcranial Doppler Ultrasound with Intracardiac Echocardiography in the Detection of Cardiac Right-to-Left shunt in Children and Young Adults
Andrew D Barreto, David T Doan, Eva Fulep, Thanh-Tung Bui, Henry L Burkholder, Ian J Butler, Mohammed T Numan, Univ of Texas-Houston, Houston, TX

Missed Opportunities for Transcranial Doppler Screening Among Children with Sickle Cell Disease
Sarah L Reeves, Kevin J Dombkowski, Univ of Michigan, Ann Arbor, MI; Heather J Fullerton, Univ of California, San Francisco, San Francisco, CA; Lisa M Cohn, Lynda D Lisabeth, Univ of Michigan, Ann Arbor, MI

Anticoagulant Therapy in Head Injury-associated Cerebral Sinovenous Thrombosis in Children
Frederico Xavier, Patcharee Komvilaisak, Suzan Williams, Div of Hematology/Oncology, The Hosp for Sick Children, Toronto, ON, Canada; Gabrielle deVeber, Mahendranath D Moharir, Dept of Neurology, The Hosp for Sick Children, Toronto, ON, Canada

High Purity Eicosapentaenoic Acid in Addition to a Strong Statin Makes Regression of Intima-media Thickness in Patients With Asymptomatic Cerebral Infarction
Yoshinori Wakita, Aichi Medical Univ, Aichi-Ken, Nagakute, Japan; Yasushi Wakida, Meijo Univ, Aichi-Ken, Nagoya, Japan; Takahumi Itou, Rika Mizuno, Ookuma Hosp, Aichi-Ken, Nagoya, Japan

Comparative Analysis of Clinicoradiological Factors between Asymptomatic Subjects and Stroke Patients with Vertebrabasilar Dolichoectasia in Japan
Ken Ikeda, Takehisa Hirayama, Yoshikazu Nakamura, Osamu Kano, Kiyokazu Kawabe, Yasuo Iwasaki, Toho Univ Omori Medical Ctr, Tokyo, Japan
Prevalence of Cerebrovascular Events in Patients With Left Ventricular Assist Device – Continuous Flow and Pulsatile Flow Devices Compared
Daisuke Yoshioka, Koichi Toda, Yasushi Yoshikawa, Manabu Sakaguchi, Shuhei Okazaki, Shigeru Miyagawa, Hiroyuki Nishi, Satsuki Fukushima, Tetsuya Saito, Yoshihiko Sawa, Osaka Univ Graduate Sch of Med, Suita, Japan

Poster Board Number P416 / Presentation Number W P416
Risk Factors for Symmetrical Distribution of Carotid Atherosclerotic High-risk Plaque Determined by Black-blood, High Resolution Magnetic Resonance Imaging
Donghua Mi, Beijing TianTan Hosp, Beijing, China; Xihai Zhao, Dept of Biomedical Engineering, Tsinghua Univ, Beijing, China; Binbin Sui, Yilong Wang, Yongjun Wang, Beijing TianTan Hosp, Beijing, China; Chun Yuan, Dept of Radiology, Univ of Washington, Seattle, WA; Xingquan Zhao, Beijing TianTan Hosp, Beijing, China

Poster Board Number P417 / Presentation Number W P417
Ideal Cardiovascular Health Metrics on Risk of Ischemic and Intracerebral Hemorrhagic Stroke: A Result from Kailuan Study
Qian Zhang, Shufeng Zhang, Liheng Bion, Xingquan Zhao, Beijing TianTan Hosp, Beijing, China

Poster Board Number P418 / Presentation Number W P418
Insurance Status Influences Blood Pressure Control among Stroke Survivors in the United States
Amytis Towfighi, Univ of Southern California, Los Angeles, CA; Daniela Markovic, Univ of California, Los Angeles, Los Angeles, CA; Bruce Ovbiagele, Medical Univ of South Carolina, Charleston, SC

Poster Board Number P419 / Presentation Number W P419
Secondary Prevention of Cardiovascular Events With Lifestyle Intervention in Patients With Mild Ischemic Stroke - A Randomized Controlled Trial -
Sumio Yamada, Yuji Kono, Kotaro lwatsu, Hisako Okumura, Junko Yamaguchi, Nagoya Univ Graduate Sch of Med, Nagoya, Japan; Makoto Hattori, Amane Araki, Keizo Yasui, Yasuhiro Hasegawa, Nagoya Daini Red Cross Hosp, Nagoya, Japan; Yasuo Koike, Nagoya Univ Graduate Sch of Med, Nagoya, Japan

Poster Board Number P420 / Presentation Number W P420
Plasma Interleukin-6 Predicts the Progression of Carotid Intima-Media Thickness in High-Risk Patients Under Intensive Medical Therapy: 10-year Follow-up Study
Shuhei Okazaki, Shigetaka Furukado, Kaori Miwa, Manabu Sakaguchi, Hideki Mochizuki, Kazu Kitagawa, Stroke Ctr, Dept of Neurology, Osaka Univ Graduate Sch of Med, Osaka, Japan

Poster Board Number P421 / Presentation Number W P421
A Peer-led Intervention Improves Stroke Survivors' Blood Pressure Control
Carol R Horowitz, Kezhen Fei, Stanley Tuhrim, Rennie Negron, Mount Sinai Sch of Med, New York, NY; Ian Kronish, Columbia Medical Ctr, New York, NY

Poster Board Number P422 / Presentation Number W P422
Vitamin D Deficiency and Osteoporosis in Stroke Survivors: An analysis of National Health and Nutritional Examination Survey (NHANES) 2001-2006
Derya Uluduz, Malik A Adil, Basit Rahim, Haseeb A Rahman, Waqas I Gilani, Sarwat I Gilani, Adnan I Qureshi, Zeean Qureshi Stroke Ctr, Minneapolis, MN

Poster Board Number P423 / Presentation Number W P423
Final Results of Cilostazol-Aspirin Therapy Against Recurrent Stroke with Intracranial Artery Stenosis (CATHARSIS)
Shinichiro Uchiyama, Dept of Neurology, Tokyo Women's Medical Univ, Tokyo, Japan; Nobuyuki Sakai, Dept of Neurosurgery, Kobe City General Hosp, Kobe, Japan; Sono Toi, Dept of Neurology, Tokyo Women's Medical Univ, Tokyo, Japan; Masayuki Ezura, Dept of Neuroendovascular Therapy, Tohoku Univ, Sendai,
Japan; Yasushi Okada, Nati Hosp Organization Kyushu Medical Ctr, Fukuoka, Japan; Makoto Takagi, Dept of Neurology, Saiseikai Central Hosp, Tokyo, Japan; Yoji Nagai, Translational Informatics Ctr, Kobe, Japan; Keiko Miyakoda, Translational Res Informatics Ctr, Kobe, Japan; Kazuo Minematsu, Nati Cerebral and Cardiovascular Ctr., Osaka, Japan; Norihiro Suzuki, Dept of Neurology, Keio Univ, Tokyo, Japan; Norio Tanahashi, Saitama Medical Univ Int Med Ctr., Saitama, Japan; Waro Taki, Dept of Neurosurgery, Mie Univ, Mie, Japan; Izumi Nagata, Dept of Neurosurgery, Nagasaki Univ, Nagasaki, Japan; Masayasu Matsumoto, Dept of Clinical Neuroscience and Therapeutics, Hiroshima Univ, Hiroshima, Japan; CATHARSIS Study Group

Poster Board Number P424 / Presentation Number W P424
Efficacy of Antiplatelet Therapy for Secondary Stroke Prevention Following Lacunar Stroke: A Meta-analysis and Pooled Analysis of Randomized Controlled Trials
Ashkan Shoamanesh, Boston Medical Ctr, Boston Univ, Boston, MA; Chun Shing Kwok, Phyo K Myint, Yoon K Loke, Norwich Medical Sch, Univ of East Anglia, Norwich, United Kingdom; Hannah Copley, Sch of Clinical Med, Cambrdige Univ, Cambrdige, United Kingdom; Oscar R Benavente, Brain Res Ctr, Univ of British Columbia, Vancouver, BC, Canada

Poster Board Number P425 / Presentation Number W P425
Predictive Value of Daily Physical Activity and New Onset of Vascular Events in Patients With Mild Ischemic Stroke
Yuji Kono, Sumio Yamada, Kenta Kamisaka, Kotaro Iwatsu, Nagoya Univ Graduate Sch of Med, Nagoya, Japan; Amane Araki, Yusuke Fujioka, Keizo Yasui, Yasuhiro Hasegawa, Nagoya Daini Red-Cross Hosp, Nagoya, Japan; Yasuo Koike, Nagoya Univ Graduate Sch of Med, Nagoya, Japan

SAH and Other Neurocritical Management Posters I

Poster Board Number P426 / Presentation Number W P426
Subarachnoid Hemorrhage in Patients Infected with Human Immunodeficiency Virus
Haralabos Zacharatos, Malik M Adil, Ameer E Hassan, Sarwat I Gilani, Adnan I Qureshi, Univ of Minnesota, Minneapolis, MN

Poster Board Number P427 / Presentation Number W P427
Day Eight CT Perfusion Imaging for Evaluation of Delayed Cerebral Ischemia Risk and Decreased Length of Stay Following Aneurysmal Subarachnoid Hemorrhage
Deepa Malaiyandi, Dhruvil J Pandya, John R Lynch, Medical Coll of Wisconsin, Milwaukee, WI

Poster Board Number P428 / Presentation Number W P428
Cardiopulmonary Response to Ischemic Stroke Varies by Stroke Location
John Probascio, Tiffany Chang, David Victor, Paul Nyquist, Johns Hopkins Univ, Baltimore, MD

Poster Board Number P429 / Presentation Number W P429
Therapeutic Strategy for Chronic Subdural Hematoma Associated With Cerebrospinal Fluid Hypovolemia
Takafumi Shimogawa, Kyushu Rosai Hosp, Kitakyushu-City, Japan

Poster Board Number P430 / Presentation Number W P430
Utility of Prolonged Transcranial Doppler Monitoring in the Detection of Vasospasm and Stroke after Subarachnoid Hemorrhage: Is 10 Days Enough?
Tareq Kass-Hout, Omar Kass-hout, Melanie Winningham, Nawar Bishara, Eugene Maiydan, Adam Webb, Kathleen Martin, Owen Samuels, Fadi Nahab, Emory Univ, Emory, GA
Distinguishing RCVS-associated Subarachnoid Hemorrhage From Cryptogenic and Aneurysmal Subarachnoid Hemorrhage
Aneesh B Singhal, Oguzhan Kursun, Massachusetts General Hosp, Boston, MA; Mehmet A Topcuoglu, Hacettepe Univ, Ankara, Turkey; Joshua Fok, Chinese Univ of Hong Kong, Hong Kong, Hong Kong; Bruce Barton, Susanne Muehlschlegel, Univ of Massachusetts Medical Sch, Worcester, MA

Availability of Biplane Angiographic Units Within Hospitals and Outcomes of Patients with Ischemic Stroke or Subarachnoid Hemorrhage-Results of a State Wide Study
Basit Rahim, Waqas I Gilani, Sarwat I Gilani, Malik M Adil, Adnan I Qureshi, Zeenat Qureshi Stroke Ctr, Minneapolis, MN

Haemostatic and Neuroprotective Effects of Xe-loaded Echogenic Liposomes in a Subarachnoid Hemorrhagic Stroke Model
Yi-Feng Miao, Tao Peng, Yong-Jian Geng, George L Britton, Melanie R Moody, Hyunggun Kim, David D McPherson, Shao-Ling Huang, UT Health Science Ctr at Houston, Houston, TX

The SAH score: An Outcome Prediction Model
Neeraj Sunderrajan Naval, Robert Kowalski, Tiffany Chang, Filissa Caserta, Juan Ricardo Carhuapoma, Rafael J Tamargo, Johns Hopkins Univ Hosp, Baltimore, MD

Acute Blood Pressure Reduction and Cerebral Infarction After Aneurysmal Subarachnoid Hemorrhage
Adam R Kosteva, Matthew B Maas, Neil F Rosenberg, Shyam Prabhakaran, Andrew M Naidech, Northwestern Univ, Chicago, IL

Plasma Inflammatory and Endothelial Activation Markers Are Associated with Carotid Intima Media Thickness in HIV-infected Individuals on Stable Antiretroviral Therapy
Nisha I Parikh, The Queens Medical Ctr, Honolulu, HI; Dominic C, Chow, Univ of Hawaii- John A Burns Sch of Med, Honolulu, HI; Emily Jaibert, Univ of Hawaii-JABSOM, Honolulu, HI; Lishomwa Ndhlouvu, Univ of Hawaii-John A Burns Sch of Med, Honolulu, HI; Jason Barbour, Univ of Hawaii, Honolulu, HI; Chin Yuan Liang, Univ of Hawaii-John A Burns Sch of Med, Honolulu, HI; Beau K Nakamoto, Cecilia Shikuma, Univ of Hawaii- John A Burns Sch of Med, Honolulu, HI

The Relationship Between Cholesterol and Cerebral Vasospasm in a Rat Model of Subarachnoid Hemorrhage: A Mechanistic Role for Lipid Rafts
Satoshi Shirao, Hiroshi Yoneda, Hideyuki Ishihara, Hiroko Yoshino, Kazutaka Sugimoto, Hiroyasu Koizumi, Eiichi Suehiro, Mizuya Shinoyama, Fumiaki Oka, Hirokazu Sadahiro, Sadahiro Nomura, Masami Fujii, Dept of Neurosurgery and Clinical Neuroscience, Yamaguchi Univ Sch of Med, Ube Yamaguchi, Japan; Yoshiteru Kagawa, Yuji Owada, Dept of Organ Anatomy, Yamaguchi Univ Sch of Med, Ube Yamaguchi, Japan; Michiyo Khoritsu, Dept of Neurosurgery and Clinical Neuroscience, Yamaguchi Univ Sch of Med, Ube Yamaguchi, Japan
Rho Kinase-mediated Di-phosphorylation of Myosin Light Chain in the Sub-membranous Regions and Circumferential Actomyosin Contraction Mediate Thrombin-induced Barrier Disruption in Vascular Endothelial Cells
Mayumi Hirano, Katsuya Hirano, Grad Sch Med Sci, Kyushu Univ, Fukuoka, Japan

Hiv-associated Brain Arterial Remodeling is Correlated With Increased Mmp-2 Expression: A Pilot Study
Jose Gutierrez, Neurological Inst, New York, NY; Jacinta Murray, Mount Sinai Medical Sch, New York, NY; Todd Jackson, Tony Larkin, Morehouse Coll, Atlanta, GA; Andrew J Dwork, Deps of Psychiatry and Pathology, New York, NY; Mitchell S Elkind, Neurological Inst, New York, NY; Susan Morgello, Dept of Neurology, Mount Sinai Sch of Med, New York, NY; Randolph S Marshall, Neurological Inst, New York, NY

Relaxin Selectively Affects Brain Parenchymal Arteriolar Structure during Hypertension
Marilyn J Cipolla, Julie Sweet, Siu-Lung Chan, Univ of Vermont, Burlington, VT

Photodynamic Therapy Using Protease-Mediated Theranostic Photodynamic Agent Reduces Cathepsin-B Activity in Mouse Carotid Atheromata In Vivo
Soo-Min Shon, Molecular Imaging and Neurovascular Res (MINER) Lab, Dept of Neurology, Dongguk Univ Ilsan Hosp., Goyang, Korea, Republic of; Yongdoo Choi, Molecular Imaging and Therapy Branch, Div of Convergence Technology, Natl Cancer Ctr, Goyang, Korea, Republic of; Dong Kun Lee, Lab of Genome to Drug Med, Joint Ctr for Biosciences, Incheon, Korea, Republic of; Jeong-Yeon Kim, Jin-Yong Park, Su-Kyoung Lee, Molecular Imaging and Neurovascular Res (MINER) Lab, Dept of Neurology, Dongguk Univ Ilsan Hosp., Goyang, Korea, Republic of; Dawid Schellingerhout, Deps of Radiology and Experimental Diagnostic Imaging, Univ of Texas MD Anderson Cancer Ctr, Houston, TX; Dong-Eog Kim, Molecular Imaging and Neurovascular Res (MINER) Lab, Dept of Neurology, Dongguk Univ Ilsan Hosp., Goyang, Korea, Republic of

Oxidative Stress and Cyclic Strain Mediated Smad6 Regulation in Vascular Endothelial Cells Correlates With Autophagy Induction and Endothelial Dysfunction
Shin-ichiro Hayashi, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Hidetsugu Matsushita, Stanford Univ Sch of Med, Stanford, CA; Yuhei Kawano, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Philip S Tsao, Stanford Univ Sch of Med, Stanford, CA

KLF2 Protects Against Ischemic Stroke by Regulating Endothelial Blood Brain Barrier Function
Hong Shi, Baiyang Sheng, Case Western Reserve Univ, Cleveland, OH; Feng Zhang, Univ of Pittsburgh, Pittsburgh, PA; Rongli Zhang, Chunying Wu, Junqing Zhu, Case Western Reserve Univ, Cleveland, OH; Stephen C Jameson, Univ of Minnesota, Minneapolis, MN; Zhiyong Lin, Yanming Wang, Case Western Reserve Univ, Cleveland, OH; Jun Chen, Univ of Pittsburgh, Pittsburgh, PA; Mukesh K Jain, G Brandon Atkins, Case Western Reserve Univ, Cleveland, OH

Older Age, Hypertension and Diabetes Influence the Proportion of Salvageable Ischemic Tissue Following Stroke
Wazim Mohamed, Abbas Jawkar, Pratik Bhattacharya, Wayne State Univ/Detroit Medical Ctr, Detroit, MI
Poster Board Number P445 / Presentation Number W P445
Age Differences in the Impact of Sleep Apnea on Cognition and Quality of Life
Kristin J Addison-Brown, Abraham J Letter, Univ of Alabama at Birmingham, Birmingham, AL; Henry K Yaggi, Yale Univ Sch of Med, New Haven, CT; Leslie A McClure, Univ of Alabama at Birmingham, Birmingham, AL; Frederick W Unverzagt, Indiana Univ Sch of Med, Indianapolis, IN; Virginia J Howard, Univ of Alabama at Birmingham, Birmingham, AL; Judith H Lichtman, Yale Univ Sch of Med, New Haven, CT; Virginia G Wadley, Univ of Alabama at Birmingham, Birmingham, AL

Poster Board Number P446 / Presentation Number W P446
Urine Albumin-to-Creatinine Ratio and Cognitive Impairment in Korean Adults
Seul-Ki Jeong, Chonbuk Natl Univ Medical Sch & Hosp, Jeonju, Korea, Republic of; Sun-Seog Kweon, Min-Ho Shin, Chonnam Natl Univ Medical Sch, Gwangju, Korea, Republic of; Young-Hoon Lee, Wonkwang Univ Sch of Med, Iksan, Korea, Republic of; Jin-Su Choi, Chonnam Natl Univ Medical Sch, Gwangju, Korea, Republic of; Hae-Sung Nam, Chungnam Natl Univ Medical Sch, Daejeon, Korea, Republic of; Kyeong-Soo Park, Seonam Univ Sch of Med, Namwon, Korea, Republic of; Man-Wook Seo, Chonbuk Natl Univ Medical Sch & Hosp, Jeonju, Korea, Republic of

Poster Board Number P447 / Presentation Number W P447
Renal Failure is Associated With Cognitive Impairment in Ischemic Stroke Patients
Maria Cristina Zurru, Claudia Alonzo, Laura Brescacin, Victor Villarroel, Gabriela Orzuza, Luis Camera, Gabriel Waisman, Edgardo Cristiano, Hosp Italiano, Buenos Aires, Argentina

Poster Board Number P448 / Presentation Number W P448
Cognitive Deficits in Patients With Aneurysmal Subarachnoid Hemorrhage Can be Screened by Montreal Cognitive Assessment and Correlate With Functional Outcomes
George KC Wong, The Chinese Univ of Hong Kong, Hong Kong SAR, Hong Kong; Cognitive Dysfunction after Aneurysmal Subarachnoid Hemorrhage Investigators

Poster Board Number P449 / Presentation Number W P449
Right Hemisphere Dysfunction is More Accurately Detected by Prosody Impairment than by Hemispatial Neglect
Chinar Dara, Yessenia Gomez, Cameron Davis, Melissa Newhart, Argye Hillis, Johns Hopkins Univ, Baltimore, MD
PROFESSOR-LED POSTER TOURS BY CATEGORY: SESSION II
THURSDAY, FEBRUARY 7
4:15 PM – 4:45 PM
Hall I

Acute Endovascular Treatment
Moderated Poster Tour II
T MP1 – T MP6

SECTION 1

Moderator: William Mack, MD, Los Angeles, CA

Poster Board Number MP1 / Presentation Number T MP1
Infarct Location and Volumes as Predictors of Outcome After Endovascular Recanalization of Basilar Artery Occlusion
Ashutosh P Jadhav, Sunanda Nanduri, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Matthew Starr, Univ of New Mexico, Albuquerque, NM; Amin Aghaebrahim, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Syed Zaidi, Univ of Toledo, Toledo, OH; Mohammad Jumaa, Univ of Toledo, Toledo, PA; Guillermo Linares, Vivek Reddy, Maxim Hammer, Brian Jankowitz, Lawrence Wechsler, Tudor Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA

Poster Board Number MP2 / Presentation Number T MP2
The Implications of FLAIR and GRE in Hyperacute Stroke
Sookyung Ryoo, Kwang Ho Lee, Samsung Medical Ctr, Seoul, Korea, Republic of

Poster Board Number MP3 / Presentation Number T MP3
Revascularization Endpoints in SWIFT
Reza Jahan, David Liebeskind, UCLA Medical Ctr, Los Angeles, CA; Raul Nogueira, Emory Univ, Atlanta, GA; Jeffrey Saver, UCLA Medical Ctr, Los Angeles, CA; for SWIFT Investigators

Poster Board Number MP4 / Presentation Number T MP4
Higher Pretreatment Computed Tomography Angiography Source Image (CTA-SI) ASPECTS Score Predicts Better Outcome After Intra-arterial Therapy
Pravin George, Dolora Wisco, Shu-mei Man, Ken Uchino, Esteban Cheng Ching, Peter Rasmussen, Yohei Tateishi, Junya Aoki, Muhammad S Hussain, Cleveland Clinic Fndn, Cleveland, OH

Poster Board Number MP5 / Presentation Number T MP5
Preexisting Interleukin-10 in Susceptible Cerebral Arteries May Decrease Subsequent Brain Injury Caused by Ischemic/reperfusion
Qiujun Liang, Xinhong Wang, Dan Meng, Lili Le, Jing Quan, Meng Xiang, Fudan Univ, Shanghai, China; Alex F Chen, Univ of Pittsburgh Sch of Med, Pittsburgh, PA; Sifeng Chen, Fudan Univ, Shanghai, China

Poster Board Number MP6 / Presentation Number T MP6
Peri-procedural Complications of Endovascular Treatment for Acute Stroke in SWIFT Trial
Paul Akins, Kaiser Permanente, Sacramento, CA; Arun P Amar, Univ of Southern California, Los Angeles, CA; Sean Pakbaz, Univ of California, San Diego, San Diego, CA; Jeremy Fields, Oregon Health Sciences Univ, Portland, OR

Acute Neuroimaging
Moderated Poster Tour IIA
T MP7 – T MP12

SECTION 2

Moderator: TBD

Poster Board Number MP7 / Presentation Number T MP7
Acute Stroke Involving More Than 1/3 Mca Territory On Plain Ct Brain is Not a Contraindication for Iv Thrombolysis
Leonard L Yeo, Mayank Dalakoti, Aftab Ahmad, Benjamin Wakerley, Prakash Paliwal, Kay Ng, Jonathan On, Yohanna Kusuma, Rahul Rathakrishnan, Teoh Hock Luen, Bernard Chan, Raymond Seet, Vijay Sharma, NUHS, Singapore, Singapore

Poster Board Number MP8 / Presentation Number T MP8
Post-thrombolysis Changes in DWI Lesion Volume and Correlation with Good Clinical Outcome
Marie Luby, NINDS, Bethesda, MD; Steven Warach, Seton/UT Southwestern Inst for Healthcare Delivery and Clinical Investigation, Austin, TX; José G Merino, NINDS, Bethesda, MD; on behalf of the LESION investigators

Poster Board Number MP9 / Presentation Number T MP9
The Neurovision Pilot Study: Non-cardiac Surgery Carries a Significant Risk of Acute Covert Stroke
Marko Mrkobrada, Univ of Western Ontario, London, ON, Canada; Michael D Hill, Univ of Calgary, Calgary, AB, Canada; Matthew T Chan, Chinese Univ of Hong Kong, Hong Kong, Hong Kong; Alben Sigamani, St Johns Medical Coll, Bangalore, India; David Cowan, McMaster Univ, Hamilton, ON, Canada; Andrea Kurz, Daniel I Sessler, Cleveland Clinic, Cleveland, OH; Michael Jacka, Michelle M Graham, Univ of Alberta, Edmonton, AB, Canada; Martin J O’Donnel, McMaster Univ, Hamilton, ON, Canada; Monidipa Dasgupta, Univ of Western Ontario, London, ON, Canada; Derek J Emery, Univ of Alberta, Edmonton, AB, Canada; Adrian W Gelb, Univ of California, San Francisco, San Francisco, CA; Irene Gulka, Univ of Western Ontario, London, ON, Canada; Diane Heels-Ansdell, Gordon Guyatt, McMaster Univ, Hamilton, ON, Canada; John Murkin, Univ of Western Ontario, London, ON, Canada; Sadeesh Srinathan, Phil St John, Univ of Manitoba, Winnipeg, MB, Canada; Scott S Tsai, Emily Wendland, PJ Devereaux, McMaster Univ, Hamilton, ON, Canada

Poster Board Number MP10 / Presentation Number T MP10
A 4D Patient-specific Metamorphosis-based Method to Model Ischemic Stroke Lesion Evolution from Acute Diffusion-weighted to Final T2-defined Outcome
Islem Rekik, Edinburgh Univ, Edinburgh, United Kingdom; Stéphanie Allassonnière, Ecole Polytechnique, Paris, France; Trevor K Carpenter, Joanna M Wardlaw, Edinburgh Univ, Edinburgh, United Kingdom

Poster Board Number MP11 / Presentation Number T MP11
Leptomeningeal Collaterals Predict Infarct Growth and 90 Day Clinical Outcome in Acute Ischemic Strokes Given Intra Arterial Therapy
Vivek K Namibiar, Univ of Calgary, Calgary, AB, Canada; sung Il Sohn, Keimyung Univ, Daegu, Korea, Republic of; Eremad Qazi, Abdul Qazi, Jayme Kosior, Mayank Goyal, Michael D Hill, Andrew M Demchuk, Bijoy Menon, Univ of Calgary, Calgary, AB, Canada

Poster Board Number MP12 / Presentation Number T MP12
MR Diffusion and CT ASPECTS Disparities as a Function of Time From Presentation: Analysis and Implications for Acute Stroke Triage
Ferdinand Hui, Shazam Hussain, Dolora Wisco, Ken Uchino, Gabor Toth, Cleveland Clinic, Cleveland, OH

Acute Neuroimaging
Moderated Poster Tour IIB

SECTION 3

Moderator: Naim Naji Khoury, MD, MS, St Louis, MO

Poster Board Number MP13 / Presentation Number T MP13
Baseline DWMRI Characteristics in Patients With Cryptogenic Stroke and Patent Foramen Ovale: Results From The Closure I Trial
Richard Jung, Benny Kim, Univ Hosp, Cleveland, OH; Joseph Massaro, Harvard Clinical Res Inst, Boston, MA; Anthony J Furlan, Univ Hosp, Cleveland, OH
Masked Smoothing for Computed Tomography Perfusion Imaging

David Wack, SUNY Buffalo Sch of Med, Buffalo, NY; Kenneth Snyder, Univ at Buffalo Neurosurgery, Buffalo, NY; Kevin Seals, SUNY Buffalo Sch of Med, Buffalo, NY; Sabareesh Natarajan, Univ at Buffalo Neurosurgery, Buffalo, NY; Jason Fisher, Terrance Creighton, Jorge Eller, SUNY Buffalo Sch of Med, Buffalo, NY; Adnan Siddiqui, Univ at Buffalo Neurosurgery, Buffalo, NY

Contralateral Hemispheric Atrophy After Major Hemispheric Infarction

Austin A Barnett, Fu Sch of Engineering and Applied Sciences Columbia Univ, New York City, NY; Warren Selman, Cathy Sila, University Hosp - Case Medical Ctr, Case Western Reserve Univ Sch of Med, Cleveland, OH

Masked Smoothing for Computed Tomography Perfusion Imaging

David Wack, SUNY Buffalo Sch of Med, Buffalo, NY; Kenneth Snyder, Univ at Buffalo Neurosurgery, Buffalo, NY; Kevin Seals, SUNY Buffalo Sch of Med, Buffalo, NY; Sabareesh Natarajan, Univ at Buffalo Neurosurgery, Buffalo, NY; Jason Fisher, Terrance Creighton, Jorge Eller, SUNY Buffalo Sch of Med, Buffalo, NY; Adnan Siddiqui, Univ at Buffalo Neurosurgery, Buffalo, NY

Contralateral Hemispheric Atrophy After Major Hemispheric Infarction

Austin A Barnett, Fu Sch of Engineering and Applied Sciences Columbia Univ, New York City, NY; Warren Selman, Cathy Sila, University Hosp - Case Medical Ctr, Case Western Reserve Univ Sch of Med, Cleveland, OH

Hypoperfusion Severity is Associated With Poor Collaterals and Progresses Over Time

Jean Marc Olivot, Michael P Marks, Michael Mlynash, Hayley M Wheeler, Manabu Inoue, Stephanie Kemp, Matus Straka, Gregory Zaharchuk, Roland Bammer, Maarten G Lansberg, Gregory W Albers, Stanford Stroke Ctr, Palo Alto, CA; DEFUSE 2 Investigators

Hypoperfusion Severity is Associated With Poor Collaterals and Progresses Over Time

Jean Marc Olivot, Michael P Marks, Michael Mlynash, Hayley M Wheeler, Manabu Inoue, Stephanie Kemp, Matus Straka, Gregory Zaharchuk, Roland Bammer, Maarten G Lansberg, Gregory W Albers, Stanford Stroke Ctr, Palo Alto, CA; DEFUSE 2 Investigators

Serial ASPECTS from Baseline to 24 Hours in SWIFT: A Novel Surrogate Endpoint for Revascularization in Acute Stroke

David S Liebeskind, Reza Jahan, UCLA, Los Angeles, CA; Raul G Nogueira, Emory Univ Sch of Med, Atlanta, GA; Tudor G Jovin, UPMC Stroke Inst, Pittsburgh, PA; Helmi L Lutsep, Oregon Stroke Ctr OHSU, Portland, OR; Jeffrey L Saver, UCLA, Los Angeles, CA; for the SWIFT Investigators

Acute Nonendovascular Treatment

Moderated Poster Tour II

Moderator: David Tong, MD, San Francisco, CA

Thrombolysis for Acute Ischemic Stroke in Patients with Chronic Renal Failure and Hemodialysis

Amer Alshekhlee, Hesham Allam, Aws Alawi, Jamal Maarouf, Fahad Albaidi, Salvador Cruz-Flores, St Louis Univ, St Louis, MO

Thrombolysis for Acute Ischemic Stroke in Patients with Chronic Renal Failure and Hemodialysis

Amer Alshekhlee, Hesham Allam, Aws Alawi, Jamal Maarouf, Fahad Albaidi, Salvador Cruz-Flores, St Louis Univ, St Louis, MO

Extraischemic Hematomas Following Intravenous rt-PA For Acute Ischemic Stroke

Masato Osaki, Masatoshi Koga, Mayumi Fukuda, Yuya shigehatake, Kazuyuki Nagatsuuka, Kazuo Minematsu, Kazunori Toyoda, Nati Cerebral and Cardiovascular Ctr, Osaka, Japan

Extraischemic Hematomas Following Intravenous rt-PA For Acute Ischemic Stroke

Masato Osaki, Masatoshi Koga, Mayumi Fukuda, Yuya shigehatake, Kazuyuki Nagatsuuka, Kazuo Minematsu, Kazunori Toyoda, Nati Cerebral and Cardiovascular Ctr, Osaka, Japan

The Increased tPA Utilization in Recent Years has Disproportionately Benefited White Men

Pratik Bhattacharya, Seemant Chaturvedi, Wayne State Univ, Detroit, MI

The Increased tPA Utilization in Recent Years has Disproportionately Benefited White Men

Pratik Bhattacharya, Seemant Chaturvedi, Wayne State Univ, Detroit, MI
Intravenous Glyburide Treatment is Associated with Reduced Matrix Metalloproteinase-9 in Human Acute Stroke
Ly Pham, Sydney O’Connor, Massachusetts General Hosp, Boston, MA; Karen Yarbrough, Univ of Maryland Medical Ctr, Baltimore, MD; Sven Jacobson, Remedy Pharmaceuticals, Inc, New York, NY; Barney J Stern, Kevin N Sheth, Univ of Maryland Medical Ctr, Baltimore, MD; W Taylor Kimberly, Massachusetts General Hosp, Boston, MA

Third International Stroke Trial (IST-3): Subgroup Effects of iv rt-PA < 6 hrs in Acute Ischaemic Stroke on Symptomatic Intracranial Haemorrhage and Outcome at 6 Months
Richard I Lindley, Univ of Sydney, Sydney, Australia; Peter A Sandercock, Joanna M Wardlaw, Martin S Dennis, Geoff Cohen, Univ of Edinburgh, Edinburgh, United Kingdom; IST-3 Collaborative Group

Intravenous Thrombolysis for Acute Ischemic Stroke Occurring During Hospitalization for Transient Ischemic Attack: An International, Multicenter Study
Georgios Tsivgoulis, Dept of Neurology, Democritus Univ of Thrace, Alexandroupolis, Greece; Vijay K Sharma, Div of Neurology, Dept of Med, Natl Univ Hosp., Singapore, Singapore; Robert Mikulik, Faculty of medicine, Masaryk Univ., Brno, Czech Republic; Christos Krogias, Dept of Neurology, St Josef-Hosp, Ruhr Univ., Bochum, Germany; Michal Haršány, Faculty of medicine, Masaryk Univ., Brno, Czech Republic; Reza Bavrasd Shahripour, Comprehensive Stroke Ctr, Dept of Neurology, Univ of Alabama at Birmingham, Birmingham, AL; Konstantinos Vadikolias, Ioannis Heliopoulos, Dept of Neurology, Democritus Univ of Thrace, Alexandroupolis, Greece; Dimitrios Athanasiadiis, Vascular Unit, Third Dept of Surgery, Sch of Med, Univ of Athens, Athens, Greece; Hock Luen Teoh, Div of Neurology, Dept of Med, Natl Univ Hosp., Singapore, Singapore; Charitomeni Piperidou, Dept of Neurology, Democritus Univ of Thrace, Alexandroupolis, Greece; Andrei V Alexandrov, Comprehensive Stroke Ctr, Dept of Neurology, Univ of Alabama at Birmingham, Birmingham, AL

Rates of Complications and Aneurysm Occlusion in Patients Undergoing Treatment of Cerebral Aneurysms Utilizing Flow Diversion With the Pipeline Embolization Device and Algorithm Adjusted Antiplatelet Therapy
Mark J Dannenbaum, UT Houston/Memorial Hermann/Mischer Neuroscience, Houston, TX; Albert J Schuette, William C Rutledge, David Jason McCracken, Emory Univ, Atlanta, GA; Susana L Skukalek, Emory University, Atlanta, GA; Daniel B Case, Emory, University, GA; Adam C Webb, William Asbury, Frank C Tong, Jacques E Dion, Annie Winkler, Charles M Cawley, Emory Univ, Atlanta, GA

Binding of KLF4 and HDAC2 to The Promoter Region of SM22alpha Mediates Phenotypic Modulation In vitro and In vivo: Implications in Cerebral Aneurysm Formation

SECTION 5
Moderator: Muhammad Shazam Hussain, MD, Cleveland, OH
Poster Board Number MP27 / Presentation Number T MP27
Aneurysm Morphology and Prediction of Rupture in Unruptured Intracranial Aneurysms
Robert D Brown Jr, Mayo Clinic, Rochester, MN; James C Torner, Ana W Capuano, Madhavan L Raghavan, Univ of Iowa, Iowa City, IA; J Mocco, Vanderbilt Univ Medical Ctr, Nashville, TN; David G Piepgras, Irene Meissner, John Huston, Mayo Clinic, Rochester, MN; International Study of Unruptured Intracranial Aneurysms Investigators

Poster Board Number MP28 / Presentation Number T MP28
Aspirin Attenuates Inflammation in the Wall of Human Cerebral Aneurysms
David M Hasan, Univ of Iowa, Iowa City, IA

Poster Board Number MP29 / Presentation Number T MP29
Prediction of Wall-thinning Area in Unruptured Intracerebral Aneurysms by Computational Fluid Dynamics
Yoshifumi Hayashi, Kitaiafra Int Hosp, Tokyo, Japan; Takanobu Yagi, Yasutaka Tobe, Yuki Iwabuchi, Momoko Yamanashi, Kenji Takamura, Kiyotaka Iwasaki, Mitsuo Umezuz, Waseda Univ Ctr for Advanced Biomedical Sciences / TWIns, Tokyo, Japan; Takashi Ishida, Atsushi Nakajima, Hirotaka Yoshida, Kazutoshi Nishitani, Yoshifumi Ota, Michihito Sugawara, Yoshifumi Okada, Toshiro Kubo, Shigemi Kitahara, Kitaiafra Int Hosp, Tokyo, Japan

Poster Board Number MP30 / Presentation Number T MP30
Genetic Variants on 9p21.3 are Associated with Brain Arteriovenous Malformations with Associated Arterial Aneurysms
Nasrine Bendjilali, Jeffrey Nelson, Shantel Weinsheimer, Univ of California, San Francisco, San Francisco, CA; Stephen Sidney, Jonathan G Zaroff, Div of Res, Kaiser Permanente Medical Care Program of Northern California (KPNC), Oakland, CA; Mark Segal, Ludmila Pawlikowska, Charles E McCulloch, William L Young, Helen Kim, Univ of California, San Francisco, San Francisco, CA

Basic and Translational Neuroscience of Stroke Recovery Moderated Poster Tour II T MP31 – MP36

SECTION 6
Moderator: Nicolas G Bazan, MD, PhD, New Orleans, LA

Poster Board Number MP31 / Presentation Number T MP31
Peripheral Nerve Stimulation Paired with Constraint-Induced Therapy to Enhance Post-Stroke Upper Extremity Motor Performance
Cheryl Carrico, KC Chelette, Laurie Nichols, Lumy Sawaki, Univ of Kentucky, Lexington, KY

Poster Board Number MP32 / Presentation Number T MP32
Clinical and Pathological Improvement in Stroke-Prone Spontaneous Hypertensive Rats Related to Pleiotropic Effect of Cilostazol
Yoshio Omote, Kentaro Deguchi, FengFeng Tian, Hiromi Kawai, Tomoko Kurata, Toru Yamashita, Yasuyuki Ohta, Koji Abe, Graduate Sch of Med, Dentistry and Pharmaceutical Sciences, Okayama Univ, Okayama, Japan

Poster Board Number MP33 / Presentation Number T MP33
Progesterone Prevents Hemorrhagic Transformation after tPA Treatment in Experimental Stroke
Soonmi Won, Iqbal Sayeed, Bushra Wali, Donald G Stein, Emory Univ, Atlanta, GA

Poster Board Number MP34 / Presentation Number T MP34
Prostaglandin PGF2a Receptors as a Putative Therapeutic Target in Stroke and Traumatic Brain Injury
Alexander V Glushakov, Dept of Anesthesiology, Ctr for Translational Res in Neurodegenerative Disease, Univ of Florida, Gainesville, FL; Connor L Bracy, Dept of Anesthesiology, Univ of Florida, Gainesville, FL; Shuh Narumiya, Dept
Poster Board Number MP35 / Presentation Number T MP35
Optogenetic Stimulation of Motor Cortex Neurons Promotes Recovery After Stroke
Michelle Y Cheng, Wyatt J Woodson, Eric H Wang, Stephanie Wang, Guohua Sun, Alex G Lee, Ahmet Arac, Lief Fenno, Karl Deisseroth, Gary K Steinberg, Stanford Univ, Stanford, CA

Poster Board Number MP36 / Presentation Number T MP36
Persistent Stroke-induced Sensory, Motor and Cognitive Deficits Involve Long-term Myelin Loss in Major Fiber Tracts
Daniel M Rosenbaum, Jin Zhou, Jian Zhuang, Jie Li, Evelyn Ooi, Jonathan Bloom, Carrie Poon, Daniel Lax, Frank C Barone, SUNY Downstate Medical Ctr, Brooklyn, NY

Cerebrovascular Occlusive Disease
Moderated Poster Tour II T MP37 – T MP42

SECTION 7

Moderator: Alexander Khalessi, MD, MS, San Diego, CA

Poster Board Number MP37 / Presentation Number T MP37
Adult Moyamoya Disease : Clinical Presentation, Treatment Outcome and Prognostic Factor
Dong-Kyu Jang, Incheon St Mary's Hosp, Incheon, Korea, Republic of; Kwan-Sung Lee, Seoul St Mary's Hosp, Seoul, Korea, Republic of; Hyung-Keun Rha, Yeouido St Mary's Hosp, Seoul, Korea, Republic of; Pil-Woo Huh, Uijeongbu St Mary's Hosp, Uijeongbu, Korea, Republic of; Jiho Yang, Deajeon St Mary's Hosp, Daejeon, Korea, Republic of; Ik-Sung Park, Bucheon St Mary's Hosp, Bucheon, Korea, Republic of; Jae-Geun Ahn, St Paul's Hosp, Seoul, Korea, Republic of; Jae-Hoon Sung, St Vincent's Hosp, Suwon, Korea, Republic of; Young-Min Han, Incheon St Mary's Hosp, Incheon, Korea, Republic of

Poster Board Number MP38 / Presentation Number T MP38
Diminished Cortical Thickness and Increased Oxygen Extraction Fraction in Moyamoya Disease
John Lee, James Sagar, Gregory Zipfel, Allyson Zazulia, Colin Derdeyn, Washington Univ Sch of Med, Saint Louis, MO

Poster Board Number MP39 / Presentation Number T MP39
Identifying Cerebrovascular Reserve Capacity by Arterial Spin Labeling MR in Patients with Moyamoya Disease
Chul-ho Sohn, Tae Jin Yun, Jin Chul Paeng, Moon Hee Han, Hyun-Seung Kang, Jeong Eun Kim, Byung-Woo Yoon, Seung Hong Choi, Ji-hoon Kim, Seoul Natl Univ Hosp, Seoul, Korea, Republic of

Poster Board Number MP40 / Presentation Number T MP40
Revascularization in Patients with Moyamoya Decreases Abnormally High Posterior Circulation Arterial Flows Measured by Quantitative Magnetic Resonance Angiography
Ramón Navarro, Robert Lober, Abdullah Feroze, Nadia Khan, Gary K Steinberg, Stanford Univ, Stanford, CA

Poster Board Number MP41 / Presentation Number T MP41
Predictors of Effective Indirect Bypass in Adult Moyamoya Disease
Michiyuki Miyamoto, Satoshi Kuroda, Naoki Nakayama, Ken Kazumata, Kiyohiro Houkin, Dept of Neurosurgery, Hokkaido Univ Graduate Sch of Med, Sapporo, Japan
Poster Board Number MP42 / Presentation Number T MP42
Treatment of Moyamoya Disease in the Adult Population with Pial Synangiosis
Ning Lin, Brigham and Women’s Hosp, Boston, MA; Joshua P Aronson, Edward R Smith, R Michael Scott, Children’s Hosp Boston, Boston, MA

Community/Risk Factors
Moderated Poster Tour IIA
T MP43 – T MP48

SECTION 8

Moderator: Anne Abbott, PhD, Melbourne, Australia

Poster Board Number MP43 / Presentation Number T MP43
Ischemic Stroke Hospitalization Rates by State and Age
Judith H Lichtman, Erica C Leifer-Limson, Yun Wang, Yale Sch of Med, New Haven, CT; Larry B Goldstein, Dept of Med (Neurology), Duke Stroke Ctr, Duke Univ and Durham VAMC, Durham, NC

Poster Board Number MP44 / Presentation Number T MP44
Incidence and Case Fatality at the County Level as Contributors to Geographic Disparities in Stroke Mortality: The REasons for Geographic And Racial Differences in Stroke (REGARDS) Study
Darwin R Labarthe, Northwestern Univ, Chicago, IL; George Howard, Fredrick Peace, Monika M Safford, Virginia J Howard, Univ of Alabama at Birmingham, Birmingham, AL; Mary Cushman, Univ of Vermont, Burlington, VT; Brett M Kissela, Univ of Cincinnati, Cincinnati, OH

Poster Board Number MP45 / Presentation Number T MP45
Undiagnosed Diabetes and Pre-Diabetes among Stroke Survivors in the United States
Amytis Towfighi, Univ of Southern California, Los Angeles, CA; Daniela Markovic, Univ of California at Los Angeles, Los Angeles, CA; Bruce Ovbiagele, Medical Univ of South Carolina, Charleston, SC

Poster Board Number MP46 / Presentation Number T MP46
Self-reported Physical Activity Frequency and Risk of Incident Stroke in the REasons for Geographic and Racial Differences in Stroke (REGARDS) Study
Michelle N McDonnell, Susan L Hillier, Univ of South Australia, Adelaide, Australia; Steven P Hooker, Arizona State Univ, Phoenix, AZ; Anh Le, Virginia J Howard, Univ of Alabama, Birmingham, AL

Poster Board Number MP47 / Presentation Number T MP47
Risk Factors for Intracerebral Hemorrhage and the Racial Differences in the Impact of Age on Risk: The REasons for Geographic and Racial Differences in Stroke (REGARDS) Study
George Howard, Univ of Alabama at Birmingham, Birmingham, AL; Mary Cushman, Univ of Vermont, Burlington, VT; Virginia J Howard, Suzanne E Judd, Univ of Alabama at Birmingham, Birmingham, AL; Brett M Kissela, Dawn O Kleindorfer, Univ of Cincinnati, Cincinnati, OH; Claudia S Moy, NINDS/NIH, Bethesda, MD; David J Rhodes, Univ of Alabama at Birmingham, Birmingham, AL; Jeffrey A Switzer, Georgia Health Sciences Univ, Augusta, GA; Daniel Woo, Univ of Cincinnati, Cincinnati, OH
Stroke Symptoms and Risk of Future Hospitalization: Implications for an Easy and Quick Screening for an Important Patient-Centered Outcome
Virginia J Howard, J David Rhodes, Suzanne E Judd, Univ of Alabama at Birmingham, Birmingham, AL; Dawn O Kleindorfer, Univ of Cincinnati, Cincinnati, OH; Anne W Alexandrov, Shauntice Allen, Univ of Alabama at Birmingham, Birmingham, AL; Elsayed Z Soliman, Wake Forest Univ Sch of Med, Winston Salem, NC; Monika M Safford, Univ of Alabama at Birmingham, Birmingham, AL; James F Meschia, Mayo Clinic, Jacksonville, FL; George Howard, Univ of Alabama at Birmingham, Birmingham, AL; for the REasons for Geographic And Racial Differences in Stroke (REGARDS) Study

Yield of Diagnostic Evaluation in Major Stroke Phenotypes
Jennifer Juhi Majersik, Univ of Utah, Salt Lake City, UT; Ethem Murat Arsava, Hacettepe Univ, Ankara, Turkey; Robert D Brown Jr, Mayo Clinic, Rochester, MN; Raji Grewal, Saint Francis Medical Ctr, Trenton, NJ; Christina Jern, the Sahlgrenska Acad at Gothenburg Univ, Gothenburg, Sweden; Jordi Jiménez-Conde, IMH-Hosp del Mar, Barcelona, Spain; Katarina Jood, The Sahlgrenska Acad at Univ of Gothenburg, Gothenburg, Sweden; Steven J Kittner, Univ of Maryland, Baltimore, MD; Daniel L Labovitz, Albert Einstein Coll of Med, Bronx, NY; Arne Lindgren, Skåne Univ Hosp, Lund, Sweden; James F Meschia, Mayo Clinic, Jacksonvillle, FL; Leema Reddy Peddareddygarri, St Francis Medical Ctr, Trenton, NJ; Joanna Pera, Jagiellonian Univ Medical Coll, Krakow, Poland; J David Rhodes, Univ of Alabama at Birmingham, Birmingham, AL; Jonathan Rosand, Massachusetts General Hosp, Boston, MA; Tatjana Rundek, Univ of Miami Miller Sch of Med, Miami, FL; Agnieszka Slowik, Jagiellonian Univ Medical Coll, Krakow, Poland; Andrew M Southerland, Univ of Virginia, Charlottesville, VA; Daniel Woo, Univ of Cincinnati Coll of Med, Cincinnati, OH; Hakan Ay, Massachusetts General Hosp, Boston, MA; for the NINDS Stroke Genetics Network (SIGN) investigators

A Polymorphism in HDAC9 was Associated with Large Vessel Stroke in the Vienna and German Stroke Studies
May M Luke, Carmen H Tong, Joseph J Catanese, James J Devlin, CELERA, Alamedu, CA; Christine Mannhalter, Medical Univ Vienna, Vienna, Austria; Klaus Berger, Univ of Muenster, Muenster, Germany

A Validation Study of Recurrence Risk Estimator Score in Acute Ischemic Stroke
Gyeong-Moon Kim, Hyun Jin Noh, Suk-Jae Kim, Samsung Medical Ctr, Sungkyunkwan Univ Sch of Med, Seoul, Korea, Republic of; Morgana deJesus Lordelo, Jamary Oliveira Filho, Federal Univ of Bahia, Salvador, Brazil; Johanna Helenius, Univ of Massachusetts Medical Sch, Worcester, MA; Hakan Ay, Massachusetts General Hosp, Harvard Medical Sch, Charlestown, MA
The Role of Non-sustained Short Lasting Runs of Supraventricular Tachycardia and Atrial Fibrillation as a Causative Factor in Ischemic Stroke

Ethem Murat Arsava, Dept of Neurology, Faculty of Med, Hacettepe Univ, Ankara, Turkey; Enver Atalar, Dept of Cardiology, Faculty of Med, Hacettepe Univ, Ankara, Turkey; Kader Karli Oguz, Dept of Radiology, Faculty of Med, Hacettepe Univ, Ankara, Turkey; Mehmet Akif Topcuoglu, Dept of Neurology, Faculty of Med, Hacettepe Univ, Ankara, Turkey

Elevated Blood Pressure Precedes Arterial Stiffening in Young Adults: The Bogalusa Heart Study

Wei Chen, Shengxiu Li, Sathanthar R Srinivasan, Camilo Fernandez, Jihua Xu, Gerald S Berenson, Tulane Univ, New Orleans, LA

Chronic Kidney Disease Does Not Influence Outcome After Acute Stroke

Jennifer S Lees, NHS Lothian, Edinburgh, United Kingdom; Catriona Graham, Epidemiology and Statistics Core, Wellcome Trust Clinical Res Facility, Univ of Edinburgh, Edinburgh, United Kingdom; Neil Turner, Univ of Edinburgh, Edinburgh, United Kingdom; The Virtual International Stroke Trials Archive Collaboration

Circulating MicroRNA Expression Pattern in Acute Stroke

Jangsup Moon, Jeong Min Kim, Keun-Hwa Jung, Kon Chu, Soon-Tae Lee, Jae-Jun Ban, Ji-Young Huh, Jae-Kyu Roh, Seoul Natl Univ Hosp, Seoul, Korea, Republic of

Disabling Stroke is Uncommon After an Emergency Department Evaluation and Discharge for Dizziness Symptoms

Anthony S Kim, UCSF, San Francisco, CA; Jeffrey G Klingman, Kaiser Permanente Medical Ctr, Walnut Creek, CA; Stephen Sidney, Kaiser Permanente Div of Res, Oakland, CA; S Claiborne Johnston, UCSF, San Francisco, CA

A Simple Score to Assess the Risk of Paroxysmal Atrial Fibrillation in Acute Ischemic Stroke Patients

Kotaro Yoshioka, Tokyo Medical and Dental Univ, Tokyo, Japan; Kosuke Watanabe, Masaki Hidume, Toshiro Kanazawa, Yokohama City Minato Red Cross Hosp, Yokohama, Japan; Satoru Ishibashi, Tokyo Medical and Dental Univ, Tokyo, Japan; Hiroaki Tanaka, Yokohama City Minato Red Cross Hosp, Yokohama, Japan

Clues to Occult Cancer in Patients with Ischemic Stroke

Suk Jae Kim, Samsung Medical Ctr, Seoul, Korea, Republic of; Ji Hee Sung, Clinical Res Ctr, Samsung Biomedical Res Inst, Seoul, Korea, Republic of; Jae Hyun Park, Mr-Ji Lee, Yun Gyoung Park, Oh Young Bang, Samsung Medical Ctr, Seoul, Korea, Republic of
Emergency Care/Systems
Moderated Poster Tour II

SECTION 11

Moderator: Natalia S Rost, MD, MA, Boston, MA

Poster Board Number MP61 / Presentation Number T MP61
The Impact of New Comprehensive Stroke Centers (CSCs) on Ischemic Stroke Treatment Rates
Reza Bavarsad Shahripour, Karen C Albright, Amelia K Boehme, Michael J Lyerly, Univ of Alabama Birmingham, Birmingham, AL; Sheryl Martin-Schild, Tulane Univ, New Orleans, LA; Nicole R Gonzales, Sean I Savitz, James C Grotta, Univ of Texas-Houston Medical Sch, Houston, TX; Anne W Alexandrov, Andrei V Alexandrov, Univ of Alabama Birmingham, Birmingham, AL

Poster Board Number MP62 / Presentation Number T MP62
Safety and Efficacy of Endovascular Treatment in the “Hub and Spoke Model”
Ameer E Hassan, Univ of Texas Health Science Ctr - San Antonio, Harlingen, TX; Malik M Adil, Basit Rahim, Saqib A Chaudhry, Steve M Cordina, Rakesh Khatri, Adnan I Qureshi, Zeenat Qureshi Stroke Ctr, Minneapolis, MN

Poster Board Number MP63 / Presentation Number T MP63
Accuracy of Remote Video Cellphone Evaluation of Stroke Deficits Using California Brief Stroke Scale
Latisha K Ali, Sidney Starkman, Gilda Avila, Neal M Rao, Rana Fiaz, Hannah Smith, Jeffrey L Saver, UCLA, Los Angeles, CA

Poster Board Number MP64 / Presentation Number T MP64
Development of a Thrombolysis Protocol for Acute Ischemic Stroke Patients Treated with Dabigatran
Mahesh P Kate, Div of Neurology, Dept of Med, Univ of Alberta Hosp, Edmonton, AB, Canada; Artur Szkotak, Div of Hematopathology, Dept of Lab Med and Pathology, Univ of Alberta Hosp, Edmonton, AB, Canada; Adam Witt, Ashfaq Shuaib, Kenneth Butcher, Div of Neurology, Dept of Med, Univ of Alberta Hosp, Edmonton, AB, Canada

Poster Board Number MP65 / Presentation Number T MP65
Endovascular and Surgical Treatment of Subarachnoid Hemorrhage Patients in Trauma Setting: Analysis from National Trauma Data Base (NTDB)
Shahram Majidi, Malik M Adil, Basit Rahim, Masaki Watanabe, Adnan I Qureshi, Univ of Minnesota, Minneapolis, MN

Poster Board Number MP66 / Presentation Number T MP66
Intravenous Thrombolysis is Associated with Lower Risk of Severe Disability and Death among SPAN-100 Positive Acute Ischemic Stroke Patients
Bruce Ovbiagele, Medical Univ of South Carolina, Charleston, SC; Mat Reeves, Michigan State Univ, East Lansing, MI; S Claiborne Johnston, Univ of California, San Francisco, San Francisco, CA; Philip Bath, Univ of Nottingham, Nottingham, United Kingdom; Gustavo Saposnik, Univ of Toronto, Toronto, ON, Canada; on behalf of the VISTA Collaboration

SECTION 12

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

Poster Board Number MP67 / Presentation Number T MP67
Microglia Transplantation Reduces Stroke Injury
Takeru Shimizu, Sarah Mader, Ines P Koerner, Oregon Health and Science Univ, Portland, OR
A Pro-inflammatory Monocyte Subset (ccr2+/ly6c+™) is Dominantly Recruited Into Acute Ischemic Brain
Eunhee Kim, Cesar Beltran, Sunghee Cho, Burke-Cornell Medical Res Inst, White Plains, NY

Endoglin Deficiency Exacerbates Ischemic Brain Injury
Fanxia Shen, Vincent Degos, Zhenying Han, Eun-Jung Choi, William L Young, Hua Su, Univ of California, San Francisco, San Francisco, CA

Reduced Hippocampal Synapses Underlie Loss of Long-Term Potentiation after Experimental Subarachnoid Hemorrhage
Sang Myung Han, Hoyee Wan, Asma Tariq, Jinglu Ai, Robert Loch Macdonald, Div of Neurosurgery, St Michael's Hosp, Keenan Res Ctr in Li Ka Shing Knowledge Inst of St Michael's Hosp and Dept of Surgery, Univ of Toronto, Toronto, ON, Canada

Role Of Histone Deacetylases in Stroke-induced Oligodenrogenesis
Haifa Kassis, Michael Chopp, Xian Shuang Liu, Cynthia Roberts, Zheng Gang Zhang, Henry Ford Hosp, Detroit, MI

L-carnitine Enhances Axonal Plasticity via Akt/mammalian Target of Rapamycin Pathway in a Rat Chronic Cerebral Hypoperfusion
Yuji Ueno, Hideki Shimmura, Juntendo Univ Urayasu Hosp, Chiba, Japan; Nobutaka Hattori, Juntendo Univ Sch of Med, Tokyo, Japan; Takao Urabe, Juntendo Univ Urayasu Hosp, Chiba, Japan

Factors Associated with Length of Hospitalization in Patients Admitted with Transient Ischemic Attack
Adnan I Qureshi, Malik M Adil, Haralabos Zacharatos, M Fareed K Suri, Zeenat Qureshi Stroke Ctr, Minneapolis, MN

Stroke and Pulmonary Embolism, Clinical Features, Risk Factors and Outcome
Jitphapa Pongmoragot, St Michael’s Hosp Univ of Toronto, Toronto, ON, Canada; Alejandro Rabinstein, Mayo Clinic, Rochester, MN; Yongchai Nilanont, Siriraj Hosp Mahidol Univ, Bangkok, Thailand; Daniel Selchen, St Michael’s Hosp Univ of Toronto, Toronto, ON, Canada; Rick Swartz, Sunnybrook Hosp Univ of Toronto, Toronto, ON, Canada; Limei Zhou, Inst for Clinical Evaluative Sciences, Toronto, ON, Canada; Gustavo Saposnik, St Michael’s Hosp Univ of Toronto, Toronto, ON, Canada; UTSP program

Atrial Fibrillation in Ischemic Stroke: Predicting Response to Thrombolysis and Clinical Outcomes
Gustavo Saposnik, St Michael’s Hosp, Dept of Health Policy, Management and Evaluation, Univ of Toronto, Toronto, ON, Canada; David Gladstone, Sunnybrook Hosp, Dept of Health Policy, Management and Evaluation, Univ of Toronto, Toronto, ON, Canada; Stavroula Raptis, St Michael’s Hosp, Applied health Res Ctr, Toronto, ON, Canada; Limei Zhou, Inst for clinical Evaluative Sciences, Toronto, ON, Canada; UTSP program
Earlier and Later Recovery After Acute Ischemic Stroke by Immediate Recanalization

Beom Joon Kim, Seoul Natl Univ Bundang Hosp, Seongnam-si, Gyeonggi-do, Korea, Republic of; Susie Yoon, Johns Hopkins Univ, Baltimore, MD; Jihoon Kang, Min Uk Jang, Jeong Ho Hong, Moon-Ku Han, Seong-Ho Park, Hee-Joon Bae, Seoul Natl Univ Bundang Hosp, Seongnam-si, Gyeonggi-do, Korea, Republic of

Baseline NIHSS-adjusted Time Window for IV Tpa in Acute Stroke

Marian Muchada, Marta Rubiera, Jorge Pagola, David Rodriguez-Luna, Alan A Flores, Estela Sanjuan, Socorro Piñeiro, Pilar Meier, Julia Kallas, Marc Ribo, Jose Alvarez-Sabin, Carlos A Molina, Vall de Hebron Univ Hosp, Barcelona, Spain

Do Hospital Complications Justify Excluding Elderly Patients from Stroke Clinical Trials?

Waldo R Guerrero, Farhaan Vahidy, Renganayaki Pandurengan, Hui Peng, Tzu-Ching Wu, Sean I Savitz, Univ of Texas Houston Health Science Ctr, Houston, TX

The Accuracy of the FUNC Score to Identify Poor Prognosis in Patients with Primary Intracerebral Hemorrhage

John S Garrett, Mehrzad Zarghouni, Kenneth Layton, Yahya Daoud, Baylor Univ Medical Ctr, Dallas, TX

A Lipid-soluble Iron Chelator Protects Against Intracerebral Hemorrhage in Mice

He Wu, Tao Wu, Mingchang Li, Jian Wang, ACCM, Baltimore, MD

Cerebral Blood Flow and Blood Pressure Reduction Do Not Affect Perihematomal Edema Growth in Acute Intracerebral Hemorrhage

Rebecca McCourt, Bronwen Gould, Univ of Alberta, Edmonton, AB, Canada; Michael D Hill, Univ of Calgary, Calgary, AB, Canada; Thomas Jeerakathil, Univ of Alberta, Edmonton, AB, Canada; Negar Asdaghi, Univ of British Columbia, Vancouver, BC, Canada; Dariush Dowlatshahi, Univ of Ottawa, Ottawa, ON, Canada; Shelagh B Coutts, Andrew M Demchuk, Univ of Calgary, Calgary, AB, Canada; Ashfaq Shuaib, Derek Emery, Ken S Butcher, Univ of Alberta, Edmonton, AB, Canada

Increased Intracerebral Hemorrhage During Acute and Chronic Hypertension in Alzheimer's Transgenic Mice

David H Cribbs, Giselle Passos, Vitaly Vasilevko, UC, Irvine, Irvine, CA
Poster Board Number MP83 / Presentation Number T MP 83
Propensity Score Matching to Estimate Supported Outcomes in Intracerebral Hemorrhage Patients with Withdrawal of Life Support
David L Tirschwell, Kyra J Becker, Claire J Creutzfeldt, Marisa Gallo, W T Longstreth Jr, Harborview Medical Ctr - Univ of Washington, Seattle, WA

Poster Board Number MP84 / Presentation Number T MP 84
A Prediction Score for Hematoma Expansion Following Acute Intracerebral Hemorrhage
H Bart Brouwers, Yuchiao Chang, Guido J Falcone, Alison M Ayres, Kristen A McNamara, Anastasia Vashkevich, Thomas W Battey, Valerie Valant, Kristin Schwab, Natalia S Rost, Javier M Romero, Anand Viswanathan, Steven M Greenberg, Jonathan Rosand, Joshua N Goldstein, Massachusetts General Hosp, Harvard Medical Sch, Boston, MA

Nursing Moderated Poster Tour II T MP85 – T MP90

SECTION 15

Moderator: Tamilyn Bakas, PhD, RN, FAHA, FAAN, Westfield, IN

Poster Board Number MP85 / Presentation Number T MP85
Enhancing Stroke Nursing Education Through Simulation
Melissa Grace, Shawnee Mission Medical Ctr, Shawnee Mission, KS

Poster Board Number MP86 / Presentation Number T MP86
Evaluation of NIHSS Application Program to Stroke Nurses
Jung-Hee Han, Kyung-Ok Kim, Gee-Eun Lee, Young-Hee An, Seoul Asan Medical Ctr, Seoul, Korea, Republic of

Poster Board Number MP87 / Presentation Number T MP87
Improving t-PA Assessment Compliance Using a Hand-Off Communication Tool
Jeanette D Stebelton, Marquette General Hosp, Marquette, MI; Kelly Kozlowski, Northern Michigan Univ, Marquette, MI; Laurie Neldberg-Weesen, Roman Politi, Marquette General Hosp, Marquette, MI

Poster Board Number MP88 / Presentation Number T MP88
Slipping, Tripping, and Rapid Ambulation are Key Fall Triggers for Stroke Survivors
Tiffany M Hoke, Ruth E Taylor-Piliae, Univ of Arizona, Tucson, AZ

Poster Board Number MP89 / Presentation Number T MP89
Nurse’s Responses to Caregivers using a Web-based Supportive Intervention
Linda L Pierce, Victoria Steiner, The Univ of Toledo, Toledo, OH

Poster Board Number MP90 / Presentation Number T MP90
Caregiver Task Difficulty, Depressive Symptoms, and Life Changes among Stroke Family Caregivers: Does Type of Relationship Matter?
Nenette M Jessup, Susan M McLennon, Michael T Weaver, Tamilyn Bakas, Indiana Univ Sch of Nursing, Indianapolis, IN
Moderator: Brian Silver, MD, Providence, RI

Poster Board Number MP91 / Presentation Number T MP91
How Reliably Do Clinicians Predict Stroke Outcomes? Results from the JURaSSiC (Clinician Judgment vs Risk Score to predict Stroke outcomes) Randomized Trial
Gustavo Saposnik, St Michael’s Hosp, Dept of Health Policy, Management and Evaluation, Univ of Toronto, Toronto, ON, Canada; Robert Cote, McGill Univ, Montreal, QC, Canada; Muhammad Mamdani, St Michael’s Hosp, Applied Health Res center, Univ of Toronto, Toronto, ON, Canada; Kevin Thorpe, St Michael’s Hosp, Applied health res center, Univ of Toronto, Toronto, ON, Canada; Stavroula Raptis, St Michael’s Hosp, Applied health research center, Univ of Toronto, Toronto, ON, Canada; Jiming Fang, Inst for Clinical Evaluative Sciences, Toronto, ON, Canada; Donald Redelmeier, Sunnybrook Hosp, Dept of Health Policy, Management and Evaluation, Univ of Toronto, Toronto, ON, Canada; Larry B Goldstein, Duke Univ, Durham, NC; on behalf of JURASSIC (Clinician Judgment vs Risk Score to predict Stroke outcomes) Investigators; for the Stroke Outcomes Research (SORCan - wwwsorcanca) Working Group

Poster Board Number MP92 / Presentation Number T MP92
Prevalence and Predictors of Recent Suicidal Ideation among US Stroke Survivors
Amyts Towfighi, Univ of Southern California, Los Angeles, CA; Daniela Markovic, Univ of California, Los Angeles, Los Angeles, CA; Bruce Ovbiagele, Medical Univ of South Carolina, Charleston, SC

Poster Board Number MP93 / Presentation Number T MP93
Level of Renal Function and Short-term Risk of Recurrent Stroke
Abraham Thomas, Sharon Poisson, S C Johnston, UCSF, San Francisco, CA; Bruce Ovbiagele, MUSC, Charleston, SC; Jeff Klingman, Kaiser Permanente Northern California, Walnut Creek, CA; Steve Sidney, Mai Nguyen-Huynh, Kaiser Permanente Northern California, Oakland, CA

Poster Board Number MP94 / Presentation Number T MP94
Complications are Frequent in the First Month After Hospital Discharge for Stroke and are Associated With Worse Functional Outcomes
Irene L Katzan, Cleveland Clinic and MetroHealth Medical Ctr, Cleveland, OH; Alice M Liskay, Siobhan Martin, Charles Thomas, Thomas E Love, Nancy Konrad, MetroHealth Medical Ctr, Cleveland, OH; Ohio Coverdell Investigators

Poster Board Number MP95 / Presentation Number T MP95
A Prospective Quality Initiative to Maximize Dysphagia Screening Prevents Stroke Associated Pneumonia
William L Titsworth, Justine Abram, Amy Fullerton, Jeanette Hester, Peggy Guin, Michael F Waters, J Mocco, Univ of Florida, Gainesville, FL

Poster Board Number MP96 / Presentation Number T MP96
Development and Validation of a Certification Test for Scoring the Modified Rankin Scale Using the Rankin Focused Assessment
Jacqui Banzo, Richa Patel, Geffen Sch of Med at UCLA, Los Angeles, CA; Nerses Sanossian, Univ of Southern California, Los Angeles, CA; Sidney Starkman, Molly Oswald, Geffen Sch of Med at UCLA, Los Angeles, CA; Robin Conwit, NINDS, Bethesda, MD; Jeffrey L Saver, Geffen Sch of Med at UCLA, Los Angeles, CA
## Pediatric Stroke Moderated Poster Tour II  T MP97 – T MP102

### SECTION 17

**Moderator:** Christine Fox, MD, MAS, San Francisco, CA

**Poster Board Number MP97 / Presentation Number T MP97**  
Progestrone Attenuates Acute Seizure and Brain Infarction by Modulating Pro-Inflammatory Cytokines in a Mouse Model of Neonatal Stroke  
Fahim Atif, Seema Yousuf, Iqbal Sayeed, Fang Hua, Huiling Tang, Donald G Stein, Emory, Atlanta, GA

**Poster Board Number MP98 / Presentation Number T MP98**  
Transient Ischemic Attack in Children and Its Relationship to Cerebral Infarction Identified by MRI  
Laura L Lehman, Amy R Danehy, Michael J Rivkin, Boston Children’s Hosp, Boston, MA

**Poster Board Number MP99 / Presentation Number T MP99**  
Pediad Intracerebral Hemorrhage: Acute Symptomatic Seizures and Epilepsy  
Lauren A Beslow, Nicholas S Abend, Children’s Hosp of Philadelphia, Philadelphi, PA; Melissa C Gindville, Vanderbilt Univ Medical Ctr, Nashville, TN; Rachel A Bastian, Daniel J Licht, Sabrina E Smith, Rebecca N Ichord, Lori C Jordan, Children’s Hosp of Philadelphia, Philadelphia, PA

**Poster Board Number MP100 / Presentation Number T MP100**  
Posterior Circulation Ischemic Stroke in Manitoba Children: A Population Based Longitudinal Study of Clinical Presentation and Outcome  
Samantha Carey, Univ of Manitoba, Winnipeg, MB, Canada; Mubeen Rafay, Children’s Hosp, Winnipeg, Winnipeg, MB, Canada

**Poster Board Number MP101 / Presentation Number T MP101**  
Impact of Age at Stroke on Cognitive Outcome in Children: Selective Vulnerability of Younger Children  
Patricia Plumb, Peter L Stavinoha, Alice A Holland, Michael M Dowling, Children’s Medical Ctr Dallas, Dallas, TX

**Poster Board Number MP102 / Presentation Number T MP102**  
Robotic Assessment of Proprioceptive Dysfunction in Children With Perinatal Stroke  
Adam Kirton, Alberta Children’s Hosp, Calgary, AB, Canada; Janice Yajure, Univ of Calgary, Calgary, AB, Canada; Ion Leah, Univ of Manitoba, Winnipeg, MB, Canada; Jamie Roe, Univ of Calgary, Calgary, AB, Canada; Steve Scott, Queen’s Univ, Kingston, ON, Canada; Sean Dukelow, Univ of Calgary, Calgary, AB, Canada

## Preventive Strategies Moderated Poster Tour II  T MP103 – T MP108

### SECTION 18

**Moderator:** Philip M Bath, BSc, MB, BS, MD, FRCPath, FRCP, FESC, Nottingham, United Kingdom

**Poster Board Number MP103 / Presentation Number T MP103**  
Combined Results of Two Phase 3 Studies of PA32540, an Antiplatelet Therapy of Enteric-Coated Aspirin and Immediate-Release Omeprazole, in Patients with Previous Cerebrovascular Disease  
Mark J Alberts, Northwestern Univ, Evanston, IL; Jay L Goldstein, Northshore Univ HealthSystem, Evanston, IL; David J Whellan, Jefferson Medical Coll, Philadelphia, PA; John G Fort, Ying Zhang, POZEN Inc, Chapel Hill, NC
Poster Board Number MP104 / Presentation Number T MP104
Arm Ischemic Preconditioning Prevents Stroke Recurrence in Octogenarians with Intracranial Arterial Stenosis
Ran Meng, Beijing Shijitan Hosp and Xuanwu Hosp, Affiliated Capital Medical Univ Beijing, 100038, Beijing, China; Sanjay Konakondla, Dept of Neurosurgery, Wayne State Univ Sch of Med, Detroit, Michigan 48201, USA, Detroit, MI; Lu Meng, Univ of Georgia, Athens, GA 30602 USA, Athens, GA; Chunjiang Xi, Yu Liu, Guoqiong Li, Beijing Shijitan Hosp, Beijing, China; Sijie Li, Jianping Jia, Feng Ling, Xuanwu Hosp, Beijing, China; Mohammed Hussain, Wayne State Univ Sch of Med, Detroit, Michigan 48201, USA, Detroit, MI; Yuchuan Ding, Wayne State Univ Sch of Med, Detroit, MI; Xunming Ji, Xuanwu Hosp, Beijing, China

Poster Board Number MP105 / Presentation Number T MP105
High Utilization of CAS Procedures Among the Elderly in the Post Crest Era
Mahmoud Rayes, Pratik Bhattacharya, Rahul Damani, Seemant Chaturvedi, Wayne State Univ, Detroit, MI

Poster Board Number MP106 / Presentation Number T MP106
Validation of the Factors Affecting Basal and Fluctuating Warfarin Doses in the Same Individual Throughout the Year in Japanese Patients
Tomotaka Tanaka, Haruko Yamamoto, Akiko Kada, Nati Cerebral and Cardiovas-cular Ctr, Suita,Osaka, Japan; Masahiro Yasaka, Kyushu Medical Ctr, Fukuoka, Japan; Yasuhiro Hasegawa, St Marianna Univ Sch of Med, Kawasaki, Japan; Yukiiro Koretsune, Osaka Nati Hosp, Osaka, Japan; Shigeki Miyata, Toshiyuki Miyata, Kazuyuki Nagatsuka, Nati Cerebral and Cardiovascular Ctr, Suita,Osaka, Japan

Poster Board Number MP108 / Presentation Number T MP108
Ongoing Use and Withdrawal of Antithrombotic Medication for Medical Procedures in the Greater Cincinnati Population
Joseph P Broderick, Univ of Cincinnati, Cincinnati, OH; Jane Khoury, Cincinnati Children’s Medical Ctr, Cincinnati, OH; Kathleen A Alwell, Eric Rademacher, Univ of Cincinnati, Cincinnati, OH; Aaron Anderson, Emory Univ, Atlanta, GA; Matthew L Flaherty, Simona Ferioli, Daniel Woo, Felipe de los Rios la Rosa, Ope Adeoye, Pooja Khatri, Univ of Cincinnati, Cincinnati, OH; Jason Mackey, Indiana Univ, Indianapolis, IN; Brett M Kissela, Dawn Kleindorfer, Univ of Cincinnati, Cincinnati, OH

Vascular Biology in Health and Disease Moderated Poster Tour II

Moderator: Advie E uler, MD, PhD, FAHA, Augusta, GA

Poster Board Number MP109 / Presentation Number T MP109
Poly-ICLC-induced Blood Brain Barrier protection is independent of Toll-like Receptor 3 Signaling
Raffaella Gesuete, Amy E Packard, Keri B Vartanian, Susan L Stevens, Frances R Bahjat, Tao Yang, Mary P Stenzel-Poore, OHSU, Portland, OR

Poster Board Number MP110 / Presentation Number T MP110
Arterial Stiffness And Progressive Neurological Deficit In Patients With Acute Deep Subcortical Infarction
Naoki Saji, Kazumi Kimura, Dept of Stroke Med, Kawasaki Medical Sch, Kurashiki, Japan; Toshitaka Kawarai, Hirotaka Shimizu, Yasushi Kita, Dept of Neurology, Hyogo Brain and Heart Ctr at Himeji, Himeji, Japan

Poster Board Number MP111 / Presentation Number T MP111
Phenotypic Alterations of Brain Microvascular Endothelium in a Murine Model of Alzheimer Disease
Shin-Ichiro Hayashi, Nati Cerebral and Cardiovascular Ctr, Suita, Japan; Naoyuki Sato, Ryuichi Morishita, Osaka Univ Graduate Sch of Med, Suita, Japan; Yuhei Kawano, Nati Cerebral and Cardiovascular Ctr, Suita, Japan
Poster Board Number MP112 / Presentation Number T MP112
F11 Receptor Antagonists as Therapeutic Agents for Atherosclerosis and Thrombosis
Anna Babinska, Yan Li, Xian-Cheng Jiang, Elizabeth Kornecki, Yigal Ehrlich, Moro Salifu, SUNY Downstate Medical Ctr, Brooklyn, NY

Poster Board Number MP113 / Presentation Number T MP113
Oxidative Stress and Extracellular Signal-regulated Kinase (ERK) Play a Key Role in Impairment of Receptor Desensitization and Prolongation of Vascular Reactivity in the Cerebral Artery after Subarachnoid Hemorrhage
Katsuya Hirano, Katsuharu Kameda, Akiko Hanada, Mayumi Hirano, Grad Sch Med Sci, Kyushu Univ, Fukuoka, Japan

Vascular Malformations Moderated Poster Tour II

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Moderator: Sepideh Amin-Hanjani, MD, FAANS, FACS, FAHA, Chicago, IL

Poster Board Number MP115 / Presentation Number T MP115
Overall Characteristics and Treatment Outcome of Arteriovenous Malformation Treated With Gamma Knife Radiosurgery: Comparative Study About the Time Dependent Changing Patterns Based on 20 Years Experiences in Single Center
Jung-Ho Yun, Do Hoon Kwon, Jung Cheol Park, Jae Sung Ahn, Byung Duk Kwun, Asan Medical Ctr, Seoul, Seoul, Korea, Republic of

Poster Board Number MP116 / Presentation Number T MP116
AAV-sFLT: A Potential Therapeutic Agent for the Treatment of Brain Angiogenic Diseases
Lei Mao, Fanxia Shen, Wanqiu Chen, Babatunde Akinpelu, Michael T Lawton, William L Young, Hua Su, Univ of California, San Francisco, San Francisco, CA

Poster Board Number MP117 / Presentation Number T MP117
Intracranial Dolichoectasia in Patients with Lacunar Strokes: The SPS3 Trial
Makoto Nakajima, Univ of British Columbia, Vancouver, BC, Canada; Lesley Pierce, BioStatistical consultant, Minot, ND; Carlos Bazan, The Univ of Texas Health Sciences Ctr at San Antonio, San Antonio, TX; Robert G Hart, Population Health Res Inst, McMaster Univ, ON, Canada; Leslie McClure, Univ of Alabama at Birmingham, Birmingham, AL; Oscar R Benavente, Univ of British Columbia, Vancouver, BC, Canada

Poster Board Number MP118 / Presentation Number T MP118
Alk1 Deficiency Impairs Mural Cell Recruitment During Brain Angiogenesis
Wanqiu Chen, Yi Guo, Kristine Jun, Mamta Wankhede, Hua Su, William L Young, Univ of California, San Francisco, San Francisco, CA

Poster Board Number MP119 / Presentation Number T MP119
Stereotactic Radiosurgery for Dural Arteriovenous Fistula Refractory to Endovascular Treatment
Tomohisa Shimizu, Kenji Sugiu, Koji Tokunaga, Tomohito Hishikawa, Masafumi Hiramatsu, Yu Okuma, Isao Date, Okayama Univ Graduate Sch of Med, Dentistry and Pharmaceutical Sciences, Okayama, Japan; Kengo Sato, Yoshimi Baba, Okayama Kyokuto Hosp, Okayama, Japan

Poster Board Number MP120 / Presentation Number T MP120
Endovascular Balloon-Assisted Embolization of Intracranial Arteriovenous Malformations Using Dual Lumen Co-Axial Balloon Microcatheters and Onyx: Initial Experience
Bharathi D Jagadeesan, Univ of Minnesota, Minneapolis, MN; Mikayel Grigor-ryan, Atlanta MEDical Ctr, Atlanta, GA; Ameer E Hassan, Univ of Texas Health Science Ctr, Harlingen, TX; Andrew W Grande, Ramachandra P Tummala, Univ of Minnesota, Minneapolis, MN
### Acute Endovascular Treatment Posters II

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<th>Poster Board Number P1 / Presentation Number T P1</th>
<th>Recanalization and Clinical Outcomes correlation in Acute Stroke: Meta Analysis</th>
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<td>Emad Nourollah-Zadeh, Medical Coll of Wisconsin, Milwaukee, WI; Omar Kass-Hout, Emory, Atlanta, GA; Maxim Mokin, Mahmoud Al-Masry, SUNY Buffalo, Buffalo, NY; Tareq Kass-Hout, Emory, Atlanta, GA</td>
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<td>Adnan I Qureshi, Malik M Adil, Haseeb A Rahman, M Fareed K Suri, Zeenat Qureshi Stroke Ctr, Minneapolis, MN</td>
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<th>How Long is Too Long: The Effect of Thrombectomy Procedure Duration on Outcome in Revascularized SWIFT Trial Patients</th>
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<td>Osama Zaidat, Marc A Lazzaro, Medical Coll of Wisconsin, Milwaukee, WI; Scott Brown, Covidiem, Plymouth, MN; Raul G Nogueira, Rishi Gupta, Emory Univ, Atlanta, GA; Tudor Jovin, Tudor Jovin, Univ of Pittsburgh, Pittsburgh, PA; Adnan Siddiqui, Univ of Buffalo, Buffalo, NY; Dileep Yavagal, Univ of Miami, Miami, FL; Reza Jahan, Jeffrey Saver, UCLA, LA, CA; For the Swift Investigators</td>
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<td>Hyeseon Jeong, Hee-Jung Song, Hyun Jo Kwon, Hyun Song Ko, Chang Woo Kang, Jei Kim, Chungnam Nati Univ hospital, Daejeon, Korea, Republic of</td>
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<td>Ashutosh P Jadhav, Sunanda Nanduri, Amin Aghaebrahim, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Syed Zaidi, Mohammad Jumaa, Univ of Toledo, Toledo, OH; Guillermo Linares, Vivek Reddy, Maxim Hammer, Brian Jankowitz, Lawrence Wechsler, Tudor Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA</td>
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<td>Xabier Urra, Luis San Román, Hosp Clinic Univer, Barcelona, Spain; Tudor G Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA</td>
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<td>Shyam Prabhakaran, Northwestern Univ, Chicago, IL; Kevin N Sheth, Univ of Maryland Sch of Med, Baltimore, MD; John B Terry, Wright State Univ, Dayton, OH; Raul G Nogueira, Emory Univ, Atlanta, GA; Anat Horev, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Thanh N Nguyen, Boston Univ Sch of Med, Boston, PA</td>
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Simultaneous Endovenous Hypothermia and Intra-Arterial Thrombectomy for Acute Ischemic Stroke is Safe, Feasible and Does Not Require General Anesthesia

Guillermo Linares, Kees H Polderman, Lawrence R Wechsler, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Santiago Ortega-Gutierrez, Columbia Univ Medical Ctr, New York, NY; Brian Jankowitz, Michael B Horowitz, Vivek Reddy, Maxim D Hammer, Ashutosh P Jadhav, Ramesh Grandhi, Jennifer Oakley, Steven A Koehler, Tudor G Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA

Long-term Magnetic Resonance Angiography Follow-up of Recanalized Vessels After Mechanical Clot Extraction

Yukiko Enomoto, Shinichi Yoshimura, Yusuke Egashira, Toru Iwama, Dept of Neurosurgery, Graduate Sch of Med, Gifu Univ, Gifu, Japan

Occurrence of Femoral Nerve Injury Among Patients Undergoing Transfemoral Percutaneous Catheterization Procedures in United States

Nauman Tariq, Malik M Adil, Saqib Chaudhary, Adnan I Qureshi, Zeenat Qureshi Stroke Res Ctr, Minneapolis, MN

Magnetically Enhanced Diffusion (MED) for Improved Efficacy of Thrombolytic Therapy in Acute Ischemic Stroke - A Prospective First in Man Clinical Study

Christopher Bladin, Monash Univ, Melbourne, Australia; Christopher Levi, Mark Parsons, Univ of Newcastle, Newcastle, Australia

Recanalization in Acute Stroke Interventions with Manual Aspiration Thrombectomy as a Stand Alone Technique

Amin Aghaebrahim, Ashutosh P Jadhav, Guillermo Linares, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Syed Zaidi, Mohammad Jumaa, Univ of Toledo, Toledo, OH; Tudor Jovin, Brian Jankowitz, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA

Clinical Outcomes in Patients With Acute Ischemic Stroke Due to Large Vessel Occlusion in The Modern Era: 2010-2011 Experience With 423 Patients

Maxim Mokin, Univ at Buffalo Neurosurgery, Buffalo, NY; Tareq Kass-Hout, Omar Kass-Hout, Emory Univ, Atlanta, GA; Erol Veznedaroglu, Capital Health, Trenton, NJ; Fadi Nahab, Mohammad Ali Khoshnoodi, Emory Univ, Atlanta, GA; Demetrius Lopes, Michael Chen, Rush Univ Medical Ctr, Chicago, IL; Kevin Seals, Hussain Shallwani, Kenneth Snyder, Adnan Siddiqui, Elad Levy, Univ at Buffalo Neurosurgery, Buffalo, NY

Longer Procedural Times are Independently Associated with Symptomatic Intracranial Hemorrhage in Large Vessels Occlusion Stroke Patients Undergoing Thrombectomy

Omar Kass-Hout, Tareq Kass-Hout, Michael R Frankel, Fadi Nahab, Samir R Belagaje, Aaron A Anderson, Manuel Yepes, Rafael Gershon, Chung-Juan Johnny Sun, Alex Isakov, Brenda A Glenn, Frank Tong, Jacques Dion, Raul G Nogueira, Rishi Gupta, Emory Univ, Atlanta, GA

Impact of Complete Recanalization on the Relationships Between Pretreatment Dwi Volume and Clinical Outcome in Patients Treated by Endovascular Treatment

Jean Marc Oliivot, Stanford Stroke Ctr, Palo Alto, CA; Julien Labreuche, Bichat Hosp, Stroke Ctr, Paris, France; Manabu Inoue, Stanford Stroke Ctr, Palo Alto,
CA; Elena Meseguer, Bichat Hosp Stroke Ctr, Paris, France; Michael Mlynash, Stanford Stroke Ctr, Palo Alto, CA; Aymeric Rouach, Pascal Mosimann, Isabelle Klein, Bichat Hosp, Paris, France; Matus Straka, Roland Bammer, Stanford Stroke Ctr, Palo Alto, CA; Pierre Amarenco, Bichat Hosp Stroke Ctr, Paris, France; Gregory W Albers, Stanford Stroke Ctr, Palo Alto, CA; Mikael Mazighi, Bichat Hosp Stroke Ctr, Paris, France

Poster Board Number P22 / Presentation Number T P22
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Hélène Raoult, François Eugène, Jean-Christophe Ferré, Thomas Ronzière, Univ Hosp of Rennes, Rennes, France; Jean-Christophe Gentic, Univ Hosp of Brest, Brest, France; Aymeric Stamm, Univ of Rennes I, Rennes, France; Jean-Yves Gauvrit, Univ Hosp of Rennes, Rennes, France

Poster Board Number P23 / Presentation Number T P23
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Peter Schramm, Ramona Schramm, Michael Knauth, Univ Med Goettingen, Goettingen, Germany

Poster Board Number P24 / Presentation Number T P24
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Osama Zaidat, Marc A Lazzaro, Medical Coll of Wisconsin, Milwaukee, WI; Scott Brown, ev3, Plymouth, MN; Raul G Nogueira, Rishi Gupta, Emory, Atlanta, GA; Tudor Jovin, Univ of Pittsburgh, Pittsburgh, PA; Adnan Siddiqui, Univ of Buffalo, Buffalo, NY; Dileep Yavagal, Univ of Miami, Miami, FL; Wayne Clark, OHSU, Portland, OR; Jeffrey L Saver, UCLA, LA, CA; For the SWIFT Investigators

Poster Board Number P25 / Presentation Number T P25
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Luzma Cardona, Dolora Wisco, Shu-Mei Man, Pravin George, Esteban Cheng-Ching, Cleveland Clinic Fndn, Cleveland, OH; Yohei Tateishi, Nagasaki Univ Hosp, Nagasaki City, Japan; Junya Aoki, Kawasaki Medical Sch, Okayama, Japan; M Shazam Hussain, Ken Uchino, Cleveland Clinic Fndn, Cleveland, OH

Poster Board Number P26 / Presentation Number T P26
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Sabareesh Natarajan, Travis Dumont, Jorge Eller, William Kelly, Kevin Seals, Kenneth V Snyder, L Nelson Hopkins, Adnan H Siddiqui, Eiad I Levy, Univ at Buffalo-SUNY, Buffalo, NY

Poster Board Number P27 / Presentation Number T P27
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Vishnumurthy Shrishrutha Hedna, Aakash Bodhit, Lattha Stead, Sharathchandra Bidari, Adam D Falchook, Sylvain Doré, Saeed Ansari, Kenneth M Heilman, Brian L Hoh, Michael F Waters, Univ of Florida, Gainesville, FL

Poster Board Number P28 / Presentation Number T P28
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Aaron W Grossman, Univ of Cincinnati, Cincinnati, OH; Renéé L Martin, Medical Univ of South Carolina, Charleston, SC; Thomas A Tomsick, Pooja Khatri, Joseph P Broderick, Univ of Cincinnati, Cincinnati, OH

Poster Board Number P29 / Presentation Number T P29
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Tetsuya Tsukahara, Kyoto Medical Ctr, Kyoto, Japan; Taketo Hatano, Fukui Red Cross Hosp, Fukui, Japan
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Veena A Nair, Christian La, Jie Song, Peter Reiter, Tanvi Nadkarni, Mathew Jensen, Marcus Chacon, Justin Sattin, Vivek Prabhakaran, Univ of Wisconsin, Madison, WI

Poster Board Number P32 / Presentation Number T P32
“ABC/2” Method for Stroke Measurement has Excellent Intra-Class Correlation for Different Modalities and Raters
Nazli Janjua, Asia Pacific Comprehensive Stroke Inst; Univ of Malaya Medical Ctr, Hilo, HI; Alex Smolak, Asia Pacific Comprehensive Stroke Inst, Pahoa, HI; Sebina Bulic, Kardelina Diaz, SUNY Downstate Medical Ctr, Brooklyn, NY; Kay Sin Tan, Univ of Malaya Medical Ctr, Kuala Lumpur, Malaysia; Craig Linden, SUNY Downstate Medical Ctr, Brooklyn, NY

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David S Liebeskind, UCLA, Los Angeles, CA; Nerses Sanossian, USC, Los Angeles, CA; Sidney Starkman, Fabien Scalzo, Rodelito Alfonso, Mark S Johnson, Latisha K Ali, Doojin Kim, Paul M Vespa, Neal M Rao, Anil Yallapragada, Jeffry R Alger, Noriko Salamon, Jeffrey L Saver, UCLA, Los Angeles, CA; for the UCLA Stroke Investigators

Poster Board Number P34 / Presentation Number T P34
Is There an Added Value for Vascular Imaging Prior to Administration of Intravenous TPA in Patients with Acute Middle Cerebral Artery Occlusion
Ronen R Leker, Roni Eichel, John M Gomori, Tamir Ben Hur, Jose E Cohen, Hadassah-Hebrew Univ Medical Ctr, Jerusalem, Israel

Poster Board Number P35 / Presentation Number T P35
Reperfusion? Angiography and Serial Perfusion MRI Reveal Distinct Features of Endovascular Therapy for Middle Cerebral Artery Stroke
David S Liebeskind, Fabien Scalzo, UCLA, Los Angeles, CA; Nerses Sanossian, USC, Los Angeles, CA; Sidney Starkman, Mark S Johnson, Latisha K Ali, Doojin Kim, Paul M Vespa, Neal M Rao, Anil Yallapragada, Reza Jahan, Satoshi Tateshima, Nestor R Gonzalez, Gary R Duckwiler, Fernando Viñuela, Jeffry R Alger, Noriko Salamon, Jeffrey L Saver, UCLA, Los Angeles, CA; for the UCLA Stroke Investigators

Poster Board Number P36 / Presentation Number T P36
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Issei Kan, Toshihiro Ishibashi, Kazunori Shibuya, Hisashi Kitagawa, Nobuki Kaito, Yuichi Murayama, Toshiaki Abe, The Jikei Univ Sch of Med, Tokyo, Japan

Poster Board Number P37 / Presentation Number T P37
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Zahari Tchopev, Marc Hiller, Univ of Maryland Sch of Med, Baltimore, MD; Josh Betz, Johns Hopkins Univ Sch of Med, Baltimore, MD; Jiachen Zhuo, Rao Gullapalli, Kevin N Sheth, Univ of Maryland Sch of Med, Baltimore, MD

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Andre Kemmling, Univ Medical Ctr Hamburg-Eppendorf, Hamburg, Germany; Shervin Kamalian, Leticia Souza, Massachusetts General Hospita, Boston, MA; Michael H Lev, Massachusetts General Hosp, Boston, MA; Jens Fiehler, Nils Forkert, Univ Medical Ctr Hamburg-Eppendorf, Hamburg, Germany
Delayed CT “Swirl Sign” Predicts Outcome in Intracerebral Hemorrhage
Dheeraj Khurana, Praveen Kesav, Chirag Ahuja, Sudesh Prabhakar, PGIMER, Chandigarh, India

Does the Middle Cerebral Artery Territory Have an Anatomically Defined Ischemic Core?
Yasheng Chen, Hongyu An, Univ of North Carolina, Chapel Hill, NC; Andria L Ford, Washington Univ Sch of Med, Saint Louis, MO; Manu Goyal, Katie D Vo, Washington Univ, St Louis, MO; William J Powers, Weili Lin, Univ of North Carolina, Chapel Hill, NC; Jin-Moo Lee, Washington Univ, St Louis, MO

Arterial Spin-Labeled Perfusion MRI with Multi-Delay: Expanding Beyond CBF in Acute Ischemic Stroke
David S Liebeskind, Joe X Qiao, UCLA, Los Angeles, CA; Matthias Günther, mediri GmbH, Heidelberg, Germany; Fabien Scalzo, Mark S Johnson, Sidney Starkman, Latisha K Ali, Doojin Kim, Neal M Rao, Anil Vallapuragada, Jeffrey L Saver, Jeffry R Alger, Noriko Salamon, Danny JJ Wang, UCLA, Los Angeles, CA; for the UCLA Stroke Investigators

Brain Plasticity Changes in Default Mode Network after Stroke
Jie Song, Veena A Nair, Christian La, Mathew Jensen, Marcus Chacon, Justin Sattin, Vivek Prabhakaran, Univ of Wisconsin-Madison, Madison, WI

Transient Global Brain Ischemia Induces Striatal Neuronal Death of T1-Hypointensity without Hemorrhage: Susceptibility-Weighted Imaging Study on Cardiac Arrest Survivors
Masayuki Fujioka, Neuroscience and Neurosurgery Div, Emergency and Critical Care Medical Ctr, Nara Medical Univ, Nara, Japan; Tomoo Watanabe, Emergency and Critical Care Medical Ctr, Nara Medical Univ, Nara, Japan; Toshiaki Taoka, Neuroradiology Div, Dept of Radiology, Nara Medical Univ, Nara, Japan; Kazuo Okuchi, Emergency and Critical Care Medical Ctr, Nara Medical Univ, Nara, Japan

Brain Areas Affected by Severity of Vascular Disease as Characterized by fMRI Measures
Christian La, Veena A Nair, Justin A Sattin, Matt Jensen, Marcus Chacon, Mary E Meyerand, Vivek Prabhakaran, Univ of Wisconsin - Madison, Madison, WI

Diagnostic and Prognostic Value of Multimodal MRI in Transient Ischemic Attacks: A Prospective Study in Korean Patients
Hyun-Wook Nah, Ewha Womans Univ Mokdongs Hosp, Seoul, Korea, Republic of; Sun U Kwon, Dong-Wha Kang, Deok-Hee Lee, Jong S Kim, Asan Medical Ctr, Seoul, Korea, Republic of

ASPECTS Performance in a Series of Patients Undergoing CT and MRI: Reader Agreement, Modality Agreement, and Outcome Prediction
Ryan A McTaggart, Stanford Univ, Stanford, CA; Tudor G Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Maarten G Lansberg, Michael Mlynash, Manabu Inoue, Michael P Marks, Greg Albers, Stanford Univ, Stanford, CA
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Infarct Growth Does Not Predict Functional Outcome for Small Vessel Stroke
Deidre A De Silva, Natl Neuroscience Inst, Singapore, Singapore; Eunizar Omar, Ministry of Health, Singapore, Singapore; Jennifer J Manzano, Natl Neuroscience Inst, Singapore, Singapore; Soren Christensen, Royal Melbourne Hosp, Melbourne, Australia; Meng Cheong Wong, Natl Univ of Singapore, Singapore, Singapore; Hui Meng Chang, Natl Neuroscience Inst, Singapore, Singapore; Joanna M Wardlaw, Univ of Edinburgh, Edinburgh, United Kingdom; Philip M Bath, Univ of Nottingham, Nottingham, United Kingdom; Christopher P Chen, Natl Univ of Singapore, Singapore, Singapore

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Christopher D d’Esterre, Univ of Western Ontario, London, ON, Canada; Enrico Fainardi, Neuroradiology Unit, Dept of Neurosciences and Rehabilitation, Ferrara, Italy; Ting Yim Lee, Univ of Western Ontario, Lawson Health Res Inst, London, ON, Canada

Poster Board Number P49 / Presentation Number T P49
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Justin Nolte, Purbasha Gupta, Melanie Davis, Maria Matheus, Alessandro Cianfoni, Imran Chaudry, Sharon Yeatts, Zoran Rumboldt, Tanya Turan, Medical Univ of South Carolina, Charleston, SC

Poster Board Number P50 / Presentation Number T P50
Functional Recovery In Stroke: Performance On Verbal Fluency Task
Veena A Nair, Christian La, Tanvi Nadkarni, Peter Reiter, Marcus Chacon, Mathew Jensen, Justin Sattin, Vivek Prabhakaran, Univ of Wisconsin-Madison, Madison, WI

Poster Board Number P51 / Presentation Number T P51
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Evgenia Klourfeld, Apurva Patel, Karim Mohamed, Albert Y Jin, Queen’s Univ, Kingston, ON, Canada

Poster Board Number P52 / Presentation Number T P52
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Gyanendra Kumar, Adam T Eggebrecth, Joseph P Culver, Jin-Moo Lee, Washington Univ Sch of Med, St Louis, MO

Poster Board Number P53 / Presentation Number T P53
Simple and Easy Way Using Time-Intensity Curve of Perfusion-Weighted Images to Find Penumbra In Stroke Patients Within 45 Hours Of Onset Due to the Carotid Artery Occlusion
Takahisa Mori, Tomonori Iwata, Yuichi Miyazaki, Masahito Nakazaki, Yochiro Takahashi, Koji Mizokami, Shonan Kamakura General Hosp Stroke Ctr, Kamakura, Japan

Poster Board Number P55 / Presentation Number T P55
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Kambiz Nael, Arash Meshksar, Univ of Arizona, Tucson, AZ; David S Liebeskind, Benjamin Ellingson, Noriko Salamon, Pablo J Villablanc, UCLA, Los Angeles, CA; UCLA Stroke Investigators
Insight Into Human Ischemia Reperfusion Injury in Acute Stroke: A Voxel-Based MRI Analysis of Tissue Fate
May Nour, Fabien Scalzo, Jeffery R Alger, Sidney Starkman, Latisa K Ali, Doojin Kim, Paul M Vespa, Neal M Rao, Anil Yallapragada, Jeffery L Saver, Noriko Salamonn, David S Liebeskind, for the UCLA Stroke Investigators, Univ of California, Los Angeles, Los Angeles, CA

Post-Procedure ASPECTS Score Incorporating Parenchymal Hyperdensity Correlates with Clinical Outcome After Endovascular Therapy
Sachin Rastogi, Fernando Vinuela, Gary Duckwiler, Reza Jahan, Satoshi Tateshima, Nestor Gonzalez, Jeffery Saver, David S Liebeskind, UCLA, Los Angeles, CA

NIH Stroke Scale as Predictor of Prognosis in Posterior Circulation Stroke
Violiza Inoa, Abraham W Aron, Univ of Connecticut, Farmington, CT; Ilene Staff, Gilbert Fortunato, Hartford Hosp, Hartford, CT; Lauren H Sansing, Univ of Connecticut, Farmington, CT

Clinical Course and Radiological Outcome of Mild Stroke Patients Treated and not Treated with Thrombolysis
Xabier Urra, Helena Arriño, Sergi Amaro, Victor Obach, Alvaro Cervera, Angel Chamorro, Hosp Clinic Univeri, Barcelona, Spain

Elevated CRP Between Day 1 and 7 and not Admission CRP Is an Independent Predictor for Outcome at 3 Months in Thrombolized Acute Stroke Patients
Andrea Rocco, Fam Geraldine, Peter Ringleb, Simon Nagel, Karls-Ruprecht Univ, Heidelberg, Germany

Outcomes After TPA in African American Women with Explicit Consideration of Baseline Factors
Pitchaiah Mandava, Baylor Coll of Med, Houston, TX; Sharyl Martini, Univ of Cincinnati, Cincinnati, OH; Karen C Albright, Amelia K Boehme, Univ of Alabama, Birmingham, AL; Sheryl Martin-Schild, Tulane Univ, New Orleans, LA; Andrei V Alexandrov, Univ of Alabama, Birmingham, AL; Roger P Simon, Dawn McGuire, Morehouse Sch of Med, Atlanti, GA; Thomas A Kent, Baylor Coll of Med, Houston, TX
High-flow Oxygen Reduces Cerebral Blood Flow
Amit K Mistri, Nazia Syed, Ronney B Panerai, Thompson G Robinson, Univ of Leicester, Leicester, United Kingdom

Optimal Minor Stroke Definition for Thrombolysis Decision-making

Fas Ligand Induced Brain Inflammation After Ischemic Stroke and Attenuates by Human Urinary Kallidinogenase
Yun Xu, Xin Zhang, The Drum Tower Hosp, Nanjing, China

Quantitative Proteomic Profile of Tissue Plasminogen Activator (tPA) Responders
MingMing Ning, Jing Cao, Mary Lopez, David A Sarracino, David McMullin, Ferdinando S Buonanno, Xiaoying Wang, Eng H Lo, Massachusetts General Hosp, Boston, MA

Micro- and Macroalbuminuria After Intravenous Thrombolysis May Predict Hemorrhagic Transformation in Acute Ischemic Stroke
Joan-Tae Kim, Bang-Hoon Cho, Kang-Ho Choi, Dept of Neurology, Chonnam Nati Univ Hosp, Gwangju, Korea, Republic of; Su-Ra Ryu, Dept of Rehabilitation, Cheomdan Medical Ctr, Gwangju, Korea, Republic of; Dong-Seok Oh, Dept of Neurology, Chonnam Nati Univ Hosp, Gwangju, Korea, Republic of

Initial NIHSS and Age Are Major Predictors for Acute Symptom Progression: Exploratory Analysis of the Pentagon Study
Teruyuki Hirano, Oita Univ Faculty of Med, Yufu, Japan; Toshiro Yonethara, Saiseikai Kumamoto Hosp, Kumamoto, Japan; Tadashi Terasaki, Japanese Red Cross Kumamoto Hosp, Kumamoto, Japan; Tomohiro Takita, NHO Kumamoto Medical Ctr, Kumamoto, Japan; Yoichiro Hashimoto, Kumamoto City Hosp, Kumamoto, Japan

Minimum NIHSS Score to Qualify for IV tPA
Jessica Choe, Rema Raman, Karin Ernststrom, Dawn M Meyer, Amy Guzik, Brett C Meyer, Thomas Hemmen, UCSD, San Diego, CA

Safety of IV tPA Administration with CT Evidence of Prior Infarction
J Thomas Houston, Karen C Albright, Amelia K Boehme, Michael J Lyerly, Reza Bavarsad Shahripour, Univ of Alabama at Birmingham, Birmingham, AL; Paola Palazzo, Campus Bio-Medico Univ, Dept of Neurology, Rome, Italy; Muhammad Alvi, Pawan V Rawal, Niren Kapoor, April Slisson, Harn Shue, Univ of Alabama at Birmingham, Birmingham, AL; Anne W Alexandrov, Comprehensive Stroke Ctr, Sch of Nursing, Univ of Alabama at Birmingham, Birmingham, AL; Andrei V Alexandrov, Comprehensive Stroke Ctr, Univ of Alabama at Birmingham, Birmingham, AL
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Efficacy of Intravenous Thrombolysis With Tissue Plasminogen Activator in Elderly Patients- Fukuoka Stroke Registry (FSR)
Ryu Matsuo, Masahiro Kamouchi, Tetsuo Ago, Junya Kuroda, Takahiro Kuwashiro, Hiroshi Sugimori, Takanari Kitazono, Kyushu Univ, Fukuoka, Japan

Poster Board Number P72 / Presentation Number T P72
Predictors of IV tPA Use among Acute Ischemic Stroke Patients Presenting to a Regional Telestroke Network: The Partners Telestroke Center Experience
Syed F Ali, Ilana M Ruff, Massachusetts General Hosp, Boston, MA; Steven K Feske, Brigham and Women’s Hosp, Boston, MA; Natalia S Rost, Adam B Cohen, Anand Viswanathan, Lee H Schwamm, Massachusetts General Hosp, Boston, MA

Poster Board Number P73 / Presentation Number T P73
Transition of ECASS III Results to Clinical Practice: 90 Day Outcomes in a US Cohort
Carolyn A Cronin, Patricia Langenberg, Univ of Maryland Sch of Med, Baltimore, MD; Tara M Dutta, Univ of Maryland Medical Ctr, Baltimore, MD; Steven J Kittner, Baltimore VA Medical Ctr, Baltimore, MD

Poster Board Number P74 / Presentation Number T P74
A Novel Virtual Stent Software for the Stent Assisted Coil Embolization of Brain Aneurysm
Kengo Nishimura, Ashraf Mohamed, Toshihiro Ishibashi, Masaki Ebara, Ichiro Yuki, Hideki Arakawa, Koreaki Irie, Hiroyuki Takao, Ikki Kajiwara, Kouichi Misaki, Yuichi Murayama, Jikei Univ Sch of Med, Tokyo, Japan

Poster Board Number P75 / Presentation Number T P75
Natural History of Incidental Small Paracanoid Unruptured Aneurysm
Jeong Eun Kim, Jin Sue Jeon, Jun Hyong Ahn, Young-Je Son, Jae Seung Bang, Seoul Natl Univ Coll of Med, Seoul, Korea, Republic of; Seung Hun Sheen, Hallym Univ Coll of Med, Chunchon Sacred heart Hosp, Chunchon, Korea, Republic of; Hyun-Seung Kang, Chang Wan Oh, Moon Hee Han, Seoul Natl Univ Coll of Med, Seoul, Korea, Republic of

Poster Board Number P76 / Presentation Number T P76
Medium-Term Angiographic Follow-up and Packing Density Analysis in a Series of 67 Consecutive Intracranial Aneurysms Treated Endovascularly with a Single Coil
Josser E Delgado Almandoz, Benjamin M Crandall, Jennifer L Fease, Yasha Kadkhodayan, Jill M Scholz, Ruth E Anderson, David E Tubman, Abbott Northwestern Hosp, Minneapolis, MN

Poster Board Number P77 / Presentation Number T P77
Simple Morphological Parameters Associated With the Rupture Risk of Posterior Communicating Artery Aneurysms
Allen Ho, Ning Lin, Mary Stanley, Nareerat Charoenvimolphan, Sarthak Misra, Kai U Freichs, Brigham and Women’s Hosp, Boston, CA; Arthur Day, The Univ of Texas Health Science Ctr at Houston, Houston, TX; Rose Du, Brigham and Women’s Hosp, Boston, CA

Poster Board Number P78 / Presentation Number T P78
Down-regulation of Vascular Na+/K+ ATPase in Oophorectomized Rats Feeding a High Salt Diet is Associated With The Cerebral Aneurysm Formation
Nobuhisa Matsushita, Yoshiteru Tada, Kenji Yagi, Keiko T Kitazato, Kenji Shimada, Manabu Sumiyoshi, Yasuhisa Kanematsu, Junichiro Satomi, Shinji Nagahiro, Inst of Health Biosciences, The Univ of Tokushima Graduate Sch, Japan, Tokushima, Japan
Imbalance Between Activation of Matrix Metalloprotease and Its Inhibition May Facilitate the Growth of Cerebral Aneurysm in Female Rats
Masaaki Kohrai, Inst of Health Biosciences The Univ of Tokushima Graduate Sch, Tokushima, Japan

Incidence and Risk Factors for the Growth and Rupture of Unruptured Cerebral Aneurysms Results of Annual Radiologic Follow Up Study
Katsumi Matsumoto, Kouichirou Tsuruzono, Manabu Sasaki, Noriyasu Yoshimura, ISEIKAI Hosp, Osaka, Japan; Toshiki Yoshimine, Satoru Oshino, Dept of Neurosurgery Osaka Univ of Med, Osaka, Japan

Flow Independent Dynamics in Aneurysm (FiDA): Pressure Measurements within an Aneurysm Before and After Partial and Complete Flow Impairment
Shahram Majidi, Masaki Watanabe, Adnan I Qureshi, Zeenat Qureshi Stroke Res Ctr, Minneapolis, MN

The Growth of Small, Asymptomatic, Unruptured Intracranial Aneurysms with no History of SAH -Different Risk Factors Associated with Single and Multiple Aneurysms
Aichi Chien, Feng Liang, James Sayre, Noriko Salamon, Pablo Villablanca, Fernando Vinuela, David Geffen Sch of Med at UCLA, Los Angeles, CA

Impaired Cerebrovascular Reactivity to Acetazolamide in Parent Arterial Territory of Major Artery Aneurysms in Adult Patients with Moyamoya Disease
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Delayed Ipsilateral Intraparenchymal Hemorrhage After Neuroform Stent Assisted Coiling of Intracranial Aneurysms
Yasha Kadkhodayan, Josser E Delgado Almandoz, Jennifer L Fease, Benjamin M Crandall, Jill M Scholz, Ruth E Anderson, David E Tubman, Consulting Radiologists Ltd, Abbott Northwestern Hosp, Minneapolis, MN

Screening Individuals with Intracranial Aneurysms for Abdominal Aortic Aneurysms is Cost-Effective Based on Estimated Co-prevalence
Benjamin Z Ball, Andrew M Southerland, George J Stukenborg, Univ of Virginia Health System, Charlottesville, VA; Sotheor H Luke, Mayo Clinic, Jacksonville, FL; Gilbert R Upchurch Jr, Univ of Virginia Health System, Charlottesville, VA; James F Meschia, Mayo Clinic, Jacksonville, FL; Bradford B Worrall, Univ of Virginia Health System, Charlottesville, VA
Poster Board Number P86 / Presentation Number T P86
Prevalence of Bicuspid Aortic Valves and Thoracic Ascending Aortic Aneurysms in Patients Treated for Intracranial Aneurysms
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Poster Board Number P87 / Presentation Number T P87
Comparative Analysis of 3-Dimensional Rotation Angiography versus 3-Dimensional Computed Tomography Angiography for Intracranial Aneurysm Treatment Detection and Planning
Jonathan Park, Noriko Salamon, Gary Duckwiler, Fernando Vinuela, James Sayer, J Pablo Villablanca, UCLA Medical Ctr, Los Angeles, CA

Poster Board Number P88 / Presentation Number T P88
Tailored Periprocedural Antiplatelet Therapy for Coil Embolization of Unruptured Intracranial Aneurysms Using Neck Size
Tetsu Satow, Ken-ichi Morita, Daizo Ishii, Shigeki Takada, Koichi Ito, Keita Yamauchi, Eika Hamano, Hiroharu Kataoka, Koji Iiha, Nati Cerebral and Cardiovascular Ctr, Suita, Japan

Poster Board Number P89 / Presentation Number T P89
Ultra Thin Bioabsorbable Polymeric Coating on the Surface of Coil Materials for Brain Aneurysms Treatment
Ichiro Yuki, UCLA Medical Ctr, Los Angeles, CA; Arnold Suwarnasarn, Dept of Bioengineering, UCLA, Los Angeles, CA; Issei Kan, Jikei Univ Sch of Med, Tokyo, Japan; Motoaki Fujimoto, Fernando Mayor, Harry V Vinters, Robert H Kim, Fernando A Vinuela, UCLA Medical Ctr, Los Angeles, CA; Yuichi Murayama, Jikei Univ Sch of Med, Tokyo, Japan; Benjamin Wu, Dept of Bioengineering, UCLA, Los Angeles, CA; Fernando Vinuela, UCLA Medical Ctr, Los Angeles, CA

Poster Board Number P90 / Presentation Number T P90
Effect of Smoking on Morphological Variables for Ruptured and Unruptured Intracranial Aneurysms
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Basic and Translational Neuroscience of Stroke Recovery Posters II

Poster Board Number P91 / Presentation Number T P91
Post-Stroke Assessment of Kinaesthesia with and without Vision Using Robotics
Jennifer Semrau, Univ of Calgary, Calgary, AB, Canada; Troy Herter, Univ of South Carolina, Columbia, SC; Stephen Scott, Queen’s Univ, Kingston, ON, Canada; Sean P Dukelow, Univ of Calgary, Calgary, AB, Canada

Poster Board Number P92 / Presentation Number T P92
Brain Activity Related to the Effects of Augmented Feedback on Learning Movements in a Dynamic Environment in Healthy Subjects and Stroke Survivors
Mukul Mukherjee, Univ of Nebraska at Omaha, Omaha, NE; Wen-Pin Chang, Creighton Univ, Omaha, NE; Ka-Chun Siu, Pierre Fayad, Univ of Nebraska Medical Ctr, Omaha, NE; Nicholas Stergiou, Univ of Nebraska at Omaha, Omaha, NE
Increased Contralesional Activation during Reach is Associated with Recovery of Chronic Arm Motor Deficits
Svetlana Pundik, Cleveland VA Medical Ctr and Case Western Reserve Univ Sch of Med, Cleveland, OH; Krisanne Litinas, Jessica McCabe, Cleveland VA Medical Ctr, Cleveland, OH; Curtis Tatsuoka, Case Western Reserve Univ Sch of Med, Cleveland, OH; I-Jung Feng, Case Western Reserve Univ, Cleveland, OH; Janis J Daly, Gainesville VA Medical Ctr and Univ of Florida Coll of Med, Gainesville, OH

Brain-computer Interface Controlled Functional Electrical Stimulation as a Novel Approach to Improving Foot-drop After Stroke
An H Do, Po T Wang, Christine E King, Andrew Schombs, Zoran Nenadic, Steven C Cramer, Univ of California, Irvine, Orange, CA

A Genomic Profile of Immune Mediated Mechanisms Associated with Stroke Recovery
Taura L Barr, Reyna VanGilder, Stephanie Rellick, Steven Brooks, Danielle Doll, Ann Noelle Lucke-Wold, West Virginia Univ, Morgantown, WV; Dongquan Chen, Univ of Alabama, Tuscaloosa, AL; James Denvir, Marschall Univ, Huntington, WV; Steven J Warach, Seton/UT Southwestern Clinical Res Inst, Austin, TX; Andrew B Singleton, Intramural Res Program, Natl Inst on Aging, Bethesda, MD; Mar Matarin, Univ Coll London, London, United Kingdom

Improved Long-Term Outcome after Transient Cerebral Ischemia in Aquaporin-4 Knockout Mice
Andrew M Fukuda, Loma Linda Univ, Loma Linda, CA; Lorenz Hirt, Univ of Lausanne, Lausanne, Switzerland; Kamalakar Ambadiptudi, Loma Linda Univ, Loma Linda, CA; Alan S Verkman, Univ of California San Francisco, San Francisco, CA; Devin K Binder, Univ of California Riverside, Riverside, CA; Andrew B Singleton, Intramural Res Program, Natl Inst on Aging, Bethesda, MD; Jerome Badaut, Loma Linda Univ, Loma Linda, CA

SMTP-7, a Novel Thrombolytic With an Anti-inflammatory Potential, Improves Thrombotic Stroke With Little Bleeding Risk
Naoki Matsumoto, Eriko Suzuki, Jie Zhuang, Keiji Hasumi, Tokyo Univ of Agriculture and Technology, Tokyo, Japan

Meningeal Mast Cells Can Exacerbate Stroke Pathology in Mice
Ahmet Arac, Stanford Univ Sch of Med, Stanford, CA; Michele A Grimbaldston, Div of Human Immunology, Ctr for Cancer Biology, Adelaide, Australia; Andrew R Nepomuceno, Oluwatobi Olayiwola, Stanford Univ Sch of Med, Stanford, CA; Marta P Pereira, Dept of Molecular Biology and Ctr of Molecular Biology “Severo Ochoa”, Univ Autonoma de Madrid, Madrid, Spain; Hannes Vogel, Mindy Tsai, Stephen J Galli, Tonya M Bliss, Gary K Steinberg, Stanford Univ Sch of Med, Stanford, CA

Gene Expression Profile After Repetitive Transcranial Magnetic Stimulation
Hyperexpression of Adiponectin Improves Long-term Stroke Outcome in Young and Aged Mice
Jie Miao, Linhui Shen, Depts of Geriatrics and Neurology, Shanghai, China; Yaohui Tang, Yongting Wang, Falei Yuan, Med-X Res Inst, Shanghai, China; Yongju Zhao, Depts of Geriatrics and Neurology, Shanghai, China; Guoyuan Yang, Med-X Res Inst, Shanghai, China

Brain Protection Effect By Exposure to Hydrogen Sulphide in Cerebral Infarct in Rat
Isabel Henriques, María Gutiérrez-Fernández, Berta Rodríguez-Frutos, Jaime Ramos-Cejudo, La Paz Univ Hosp, IdiPAZ, Madrid, Spain; José Ferro, Santa María Hosp, Lisbon, Portugal; Exuperio Diez-Tejedor, La Paz Univ Hosp, IdiPAZ, Madrid, Spain

Candesartan Increases Matrix Metalloproteinase Activation but Still Provides Benefit When in Combination with Tissue Plasminogen Activator in Experimental Embolic Stroke
Taheed Ishrat, Bindu Pillai, Univ of Georgia, Augusta, GA;Advieye Ergul, Georgia Health Sciences Univ, Augusta, GA; Susan C Fagan, Univ of Georgia, Augusta, GA

Increased GABAA Mediated Synaptic Activity and Structural Remodeling in Peri-infarct Cortex Layer 5 in the Post-stroke Rodent Brain

N-3 Polyunsaturated Fatty Acid Enhances Neurovascular Remodeling After Acute Cerebral Ischemia
Wenting Zhang, Stat Key Lab of Medical Neurobiology, Fudan Univ, Shanghai, China; Xiaoming Hu, Dept of Neurology, Univ of Pittsburgh Sch of Med, Pittsburgh, PA; Shiduo Lu, Yanling Guo, Stat Key Lab of Medical Neurobiology, Fudan Univ, Shanghai, China; Guodong Cao, Jun Chen, Dept of Neurology, Univ of Pittsburgh Sch of Med, Pittsburgh, PA; Yangqin Gao, Stat Key Lab of Medical Neurobiology, Fudan Univ, Shanghai, China

Stats Regulate Transcription of 12/15-lox in Mouse Cortical Neurons Under Glutamate-induced Oxidative Stress
JOO EUN JUNG, Klaus van Leyen, Massachusetts General Hosp and Harvard Medical Sch, Charlestown, MA
2,2 Dipyridyl, an Iron Chelator, Does Not Reduce Intracerebral Iron Toxicity or Improve Outcome After Intracerebral Hemorrhagic Stroke in Rats
Jayalakshmi Caliaperumal, Shannon Wowk, Sarah Jones, Yonglie Ma, Frederick Colbourne, Univ of Alberta, Edmonton, AB, Canada

Impact of ATP-Induced Mild Hypothermia on Focal Cerebral Ischemia in Rats
Meijuan Zhang, Wenjin Li, Univ of Pittsburgh, Pittsburgh, PA; Rehana K Leak, Duquesne Univ, Pittsburgh, PA; Jun Chen, Feng Zhang, Univ of Pittsburgh, Pittsburgh, PA

Bone Marrow Stromal Cells Enhance the Recovery of Peri-infarct Neuronal Integrity by Replacing the Damaged Neurons - A Serial 123I-Iomazenil SPECT Study
Hisayasu Saito, Dept of Neurosurgery, Hokkaido Univ Graduate Sch of Med, Sapporo, Japan; Satoshi Kuroda, Dept of Neurosurgery, Faculty of Med, Univ of Toyama, Toyama, Japan; Michiyuki Miyamoto, Tomohiro Yamauchi, Hideo Shichinoh, Dept of Neurosurgery, Hokkaido Univ Graduate Sch of Med, Sapporo, Japan; Songji Zhao, Dept of Tracer Kinetics and Bioanalysis, Hokkaido Univ Graduate Sch of Med, Sapporo, Japan; Keiichi Kagota, Dept of Nuclear Med, Hokkaido Univ Graduate Sch of Med, Sapporo, Japan; Naoki Kubo, Yuji Kuge, Central Inst for Isotope Science, Hokkaido Univ, Sapporo, Japan; Naqara Tamaki, Dept of Nuclear Med, Hokkaido Univ Graduate Sch of Med, Sapporo, Japan; Kiyojiro Houkin, Dept of Neurosurgery, Hokkaido Univ Graduate Sch of Med, Sapporo, Japan

Activation of the Brain Renin-Angiotensin System by Translational Approaches Following Stroke Onset is Neuroprotective in a Rat Model of Ischemic Stroke
Douglas M Bennion, Lauren Donnangelo, David Pioquinto, Robert Regenhardt, Mohan K Raizada, Collin Summers, Univ of Florida, Gainesville, FL

Post-conditioning with Isoflurane Reduces Ischemia-induced Hemorrhage and Brain Injury Following MCAO in Rats: A Longitudinal Study with MRI
Saeid Taheri, Ananda Shunmugavel, Medical Univ of South Carolina, Charleston, SC

Arginase-1 and S100a12 are Novel Candidates for the Study of Post Stroke Immune Suppression
Steven D Brooks, Kyle Stinehart, Stephanie Rellick, Danielle Doll, Reyna VanGilder, Taura Barr, West Virginia Univ, Morgantown, WV

Post-stroke Fatigue is Linked to the IL1RN Polymorphism rs4251961
Kyra Becker, Hunter Phillips, Ricahrd Lee, Patricia Tanzi, Dannielle Zierath, Kevin Cain, Jonathan Weinstein, Univ of Washington Sch of Med, Seattle, WA

The Increase in Plasma Angiotensinogen is Associated With the Reduction of Neurological Severity in Ischemic Stroke
Tetsuro Ago, Ryu Matsuo, Masahiro Kamouchi, Junya Kuroda, Naoko Kasahara, Kyushu Univ, Fukuoka, Japan; Tetsu Isomura, Hideto Awano, Kazuo Suzuki, Molecuence, Yokohama, Japan; Yutaka Kiyohara, Takanari Kitazono, Kyushu Univ, Fukuoka, Japan
MiR-15a/16-1 Cluster Inhibits Angiogenesis in Mouse After Ischemic Stroke
Ke-Jie Yin, Univ of Michigan, Ann Arbor, MI; Milton Hamblin, Tulane Univ, New Orleans, LA; Jinfeng Zhang, Tianqing Zhu, Yuqing E Chen, Univ of Michigan, Ann Arbor, MI

Dizziness Rule Out Posterior Circulation Stroke
Krishna C Nalleballe, Ravi Garg, Temple Univ Hosp, Philadelphia, PA; Madhu S Jasti, Univ of Iowa Hosp, Iowa City, IA; Paul M Katz, Temple Univ Hosp, Philadelphia, PA

Recurrent Thromboembolic Events After Ischemic Stroke in Patients with Cancer
Alexander Merkler, New York-Presbyterian Hosp - Weill Cornell Medical Ctr, New York, NY; Samuel Singer, Memorial Sloan-Kettering Cancer Ctr, New York, NY; Natalie T Cheng, Jacqueline B Stone, New York-Presbyterian Hosp - Weill Cornell Medical Ctr, New York, NY; Hooman Kamel, Weill Cornell Medical Coll, New York, NY; Lisa M DeAngelis, Memorial Sloan-Kettering Cancer Ctr, New York, NY; Babak B Navi, Weill Cornell Medical Coll, New York, NY

Plasma D-dimer Level and Cerebral Infarction Volume in Patients With Nonvalvular Atrial Fibrillation
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Predictors of Ischemic Stroke in Patients with Atherosclerotic Vascular Disease: Observations from the TRA 2°P-TIMI 50 Trial
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Identifying Predictors of Seizure Recurrence After Nonconvulsive Seizures Recorded on Continuous Electroencephalogram (cEEG) in Ischemic Stroke
Christopher R Newey, Pravin George, Stephen Hantus, Cleveland Clinic, Cleveland, OH
Open-label Phase I Clinical Study to Assess the Safety and Efficacy of Cilostazol in Patients Undergoing Carotid Artery Angioplasty and Stent Placement
Ameer E Hassan, Univ of Texas Health Science Ctr - San Antonio, Harlingen, TX; Haralabos Zacharatos, Mikayel Grigoryan, Saqib A Chaudhry, Wondwossen G Tekle, Amir Khan, Farhan Siddiq, Gustavo J Rodriguez, Ramachandra Tummala, Robert A Taylor, Bharathaj Jagadeesan, M Fareed K Suri, Adnan I Qureshi, Zeenat Qureshi Stroke Ctr, Minneapolis, MN

Mediators of the Age Effect among Patients Treated with Carotid Artery Stenting: The Carotid Revascularization Endarterectomy versus Stenting Trial (CREST)
Jenifer H Voeks, Medical Univ of South Carolina, Charleston, SC; Richard I Farb, Toronto Western Hosp, Toronto, ON, Canada; Donald V Heck, Forsyth Medical Ctr, Winston-Salem, NC; Gary S Roubin, Continuum Health Partners, New York, NY; Wesley S Moore, Univ of California Los Angeles Medical Ctr, Los Angeles, CA; William Logan, St John’s Mercy Medical Ctr, St Louis, MO; Mary E Longbottom, Mayo Clinic, Jacksonville, FL; George Howard, Univ of Alabama at Birmingham, Birmingham, AL; Thomas G Brott, Mayo Clinic, Jacksonville, FL

The Ketones Acetoacetate and Beta-hydroxybutyrate Alleviate Ischemic Injury Following Occlusion of the Middle Cerebral Artery
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Association between Carotid Stiffness and Carotid Plaque: The Northern Manhattan Study
Frank Kuo, Dept of Neurology, Univ of Miami Miller Sch of Med, Miami, FL; David Della-Morte, Dept of Lab Med & Advanced Biotechnologies, IRCCS San Raffaele Pisana, Rome, Italy; Hannah Gardener, Digna Cabral, Dept of Neurology, Univ of Miami Miller Sch of Med, Miami, FL; Mitchell SV Elkind, Div of Stroke, Dept of Neurology, Columbia Univ, New York, NY; Ralph L Sacco, Tatjana Rundeck, Dept of Neurology, Univ of Miami Miller Sch of Med, Miami, FL

The Clinical Implications of Cerebrogenic Myocardial Injury in Acute Stroke
Sungho Ahn, Sunuck Kwon, Asan Medical Ctr, Seoul, Korea, Republic of

Revascularization Risk in Symptomatic versus Asymptomatic Patients - Relative versus Absolute Risk: The Carotid Revascularization Endarterectomy versus Stenting Trial (CREST)
Jenifer H Voeks, Medical Univ of South Carolina, Charleston, SC; Robert J Hye, Kaiser Permanente, San Diego, CA; OW Brown, William Beaumont Hosp, Royal Oak, MI; James F Meschia, Mayo Clinic, Jacksonville, FL; Brajesh K Lal, Univ of Maryland Medical Sch, Baltimore, MD; Alice J Sheffet, Univ of Med and Dentistry of New Jersey, Newark, NJ; Virginia J Howard, George Howard, Univ of Alabama at Birmingham, Birmingham, AL; Thomas G Brott, Mayo Clinic, Jacksonville, FL

Age-Adjusted Normative Blood Flow in Major Cerebral Vessels: Implications for Assessment of Cerebrovascular Occlusive Disease
Sepideh Amin-Hanjani, Xinjian Du, Dilip K Pandey, Keith R Thulborn, Fady T Charbel, Univ of Illinois at Chicago, Chicago, IL
Factors Influencing the Prognosis of Symptomatic and Asymptomatic Intracranial Atherosclerosis after Antiplatelet treatment: Substudy of Trials of Cilostazol in Symptomatic Intracranial Stenosis -2
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Decompressive Hemicraniectomy Improves Survival in Malignant Middle Cerebral Artery Stroke Patients with Hemorhagic Conversion Admitted with a High Glasgow Coma Scale
Chris Ojeda, Nitya Chitravanshi, Patrick C Reid, Charles J Prestigiacomo, Ennis J Duffis, Chirag D Gandhi, UMDNJ, Newark, NJ

Previous Stroke and Carotid Stenting Predict Periprocedural Risk of Symptomatic Carotid Intervention in a Large Community Hospital Vascular Registry
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Determinants for One-Year Angiographic In-stent Restenosis After Elective Carotid Artery Stenting
Yuichi Miyazaki, Takahisa Mori, Tomonori Iwata, Yoichirou Takahashi, Masahito Nakazaki, Shonan Kamakura General Hosp Stroke Ctr, Kamakura, Japan

White Matter Hyperintensities in Relation to Severity of Intracranial Atherosclerotic Stenosis
Jong-Ho Park, Dong-Sun Kim, Hyun Jeong Han, Myongji Hosp, Kwandong Univ, Goyang, Korea, Republic of

Cilostazol Inhibits Inflammation and Endothelial Cell Damage in Patients with Severe Carotid Disease
Masako Yamazaki, Yoshikazu Okada, Akitsugu Kawashima, Koji Yamaguchi, Taku Yoneyama, Shinichiro Uchiyama, Tokyo Women’s Medical Univ, Tokyo, Japan

Increased Survival of Malignant Middle Cerebral Artery Stroke Patients with Midline Shift and High Glasgow Coma Scale Undergoing Decompressive Hemicraniectomy
Chris Ojeda, Nitya Chitravanshi, Patrick C Reid, Ennis J Duffis, Charles J Prestigiacomo, Chirag D Gandhi, UMDNJ, Newark, NJ

SITS Symptomatic Intracerebral Hemorrhage Risk Score in the Stroke Belt
Muhammad Alvi, Amelia K Boehme, Michael J Lyerly, Univ of Alabama at Birmingham, Birmingham, AL; James E Siegler, Tulane Univ, New Orleans, LA; Karen C Albright, Reza Bavarsad Shahripour, Pawan V Rawal, Niren Kapoor, April Sisson, J Thomas Houston, Univ of Alabama at Birmingham, Birmingham, AL; Anne W Alexandrov, Comprehensive Stroke Ctr, Sch of Nursing, Univ of Alabama at Birmingham, Birmingham, AL; Sheryl Martin-Schild, Tulane Univ Hosp, New Orleans, LA; Andrei V Alexandrov, Comprehensive Stroke Ctr, Dept of Neurology,Univ of Alabama at Birmingham, Birmingham, AL
Usefulness of Staged Angioplasty for Carotid Artery Stenting

Naoya Kidani, Kenji Sugiu, Koji Tokunaga, Tomohito Hishikawa, Masafumi Hiramatsu, Atsuhiko Toyoshima, Yu Okuma, Tomohisa Shimizu, Jun Haruma, Isao Date, Okayama Univ Graduate Sch of Med, Dentistry and Pharmaceutical Sciences, Okayama, Japan

Impact of Pre-procedural Antiplatelet Therapy on Vascular Events After Carotid Artery Stenting: Investigation on Devices and Anti-platelet Therapy for Carotid Artery Stenting (IDEALCAST)

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Blood Pharmacokinetics of the Intravenous Neuroprotectant Dodecafluoropentane Emulsion in Rabbits

Aaron M Ricca, Robert D Skinner, Sean D Woods, Melissa L Winter, Eric Ham-ilton, Michael J Borrelli, Howard P Hendrickson, Univ of Arkansas for Medical Sciences, Little Rock, AR; Jack O Lay Jr, Univ of Arkansas, Fayetteville, AR; Jennifer L Johnson, Evan C Unger, NuvOx Pharma, LLC, Tuscon, AZ; William C Culp, Univ of Arkansas for Medical Sciences, Little Rock, AR

Prevalence of Cerebral Ischemic Events in Extraluminal Proluding Intracranial Atherosclerotic Plaques: Analysis of Intracranial Vessels from the Nun Study

Shahram Majidi, Edouard Semaan, Saqib A Chaudhry, Zeenat Qureshi Stroke Res Ctr, Minneapolis, MN; Karen S Santa Cruz, Univ of Minnesota, Minneapolis, MN; M Fareed K Suri, Adnan I Qureshi, Zeenat Qureshi Stroke Res Ctr, Min-neapois, MN

Early Angiographic Neovascularization Response to EDAS Surgery in Adults with Intracranial Arterial Stenosis

Joshua R Dusick, Fernando Mayor, David Liebeskind, Jeffrey L Saver, Nestor Gonzalez, UCLA, Los Angeles, CA

Mechanisms and Prognosis of Acute Ischemic Stroke Related to Acute Aortic Dissection

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Effect of Carotid Revascularization Endarterectomy Versus Stenting Trial Results on Performance of Carotid Artery Stent Placement and Carotid Endarterectomy

Haitham M Hussein, Malik M Adil, Adnan I Qureshi, Zeenat Qureshi Stroke Ctr, Minneapolis, MN
Impaired Acute Collateral Flow Dynamics Experimental Stroke in Type 2 Diabetic Mice
Yosuke Akamatsu, Univ of California, San Francisco, San Francisco, CA; Chih Cheng Lee, San Francisco Veterans Affair Medical Ctr, San Francisco, CA; Ruikang K Wang, Depts of Bioengineering & Ophthalmology, Univ of Washington, Seattle, WA; Jialing Liu, Univ of California, San Francisco, San Francisco, CA

How Different Vascular Pathologies of Penetrating Artery Disease and Large Parent Arterial Disease are Associated With Progressive Motor Deficits
Yasumasa Yamamoto, Yoshinari Nagakane, Kyoto Second Red Cross Hosp, Kyoto, Japan

The Hydration Influence on the Risk of Ischemic Stroke Outcomes (THIRST-EXPANSION STUDY)
Mohammad Moussavi, Gustavo Rodriguez, Joseph Alario, Ravjot Sodhi, Aaron Nizam, Haitham Dababneh, Spozhmy Panzeai, Jawad F Kirmani, Neuroscience Inst at JFK Medical Ctr, Edison, NJ

Moyamoya Disease in Pregnancy: Protective Effect of Cerebral Revascularization via Pial Synangiosis
Ning Lin, Brigham and Women’s Hosp, Boston, MA; Daniel A Donoho, Derek Yecies, R Michael Scott, Edward R Smith, Children’s Hosp Boston, Boston, MA

Intracranial Steal Phenomenon in Patients with Severe Steno-occlusive Disease of Intracranial Carotid or Middle Cerebral Artery
Vijay Sharma, Leonard Yeo, Aftab Ahmad, Arvind Sinha, Vincent F Chong, Lily Y Wong, Su Jie, Teoh Hock Luen, Bernard Chan, NUHS, Singapore, Singapore

Stenting of Symptomatic Intracranial Stenosis Using Balloon Mounted Coronary Stents: A Single Center Experience
Scott Geraghty, Andrew Southerland, Patricia Conant, Mary Jensen, Avery Evans, Univ of Virginia, Charlottesville, VA

Computed Tomography Perfusion Parameter to Predict Cerebral Hyperperfusion Phenomenon Following Carotid Artery Stenting
Yoichiro Takahashi, Takahisa Mori, Tomonori Iwata, Yuichi Miyazaki, Masahito Nakazaki, Koji Mizokami, Dept of Stroke Treatment, Shonan Kamakura General Hosp Stroke Ctr, Kamakura, Japan

Device Malfunction Related Adverse Events in Patients Undergoing Carotid Angioplasty and Stent Placement: An analysis of the FDA Manufacturer and User Facility Device Experience Database
Hunar Singh Kainth, Daraspreet Singh Kainth, Waqas I Gilani, Sarwat I Gilani, Malik M Adil, Adnan Qureshi, Univ of Minnesota, Minneapolis, MN

Do Gender Differences Exist in Outcomes Among Patients With Intracranial Atherosclerosis?
Yue Hua Pu, Li Ping Liu, Yi Long Wang, Yue Song Pan, Xing Quan Zhao, Beijing Tiantan Hosp of Capital Medical Univ, Beijing, China; Ka Sing Wong, Dept of Med & Therapeutics, Prince of Wales Hosp, Chinese Univ of Hong Kong, Hong Kong, China; Yong Jun Wang, Beijing Tiantan Hosp of Capital Medical Univ, Beijing, China
Poster Board Number P156 / Presentation Number T P156
Re-analysis of the SAPPHIRE and CREST Trials Using Weighted Composite Endpoints
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Poster Board Number P157 / Presentation Number T P157
Clinical Significance of the Ivy Sign on FLAIR MRI in Moyamoya Disease
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Poster Board Number P158 / Presentation Number T P158
Angiographic Feature and Stroke Presentation of Adult Moyamoya Disease
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Poster Board Number P159 / Presentation Number T P159
Correlation Between Arterial Stiffness and the Severity of Acute Cerebral Infarction

Poster Board Number P160 / Presentation Number T P160
The Increasing Treatment Pressure of External Counterpulsation Continuously Augments Blood Pressure but not Cerebral Blood Flow Velocity of Ischemic Stroke Patients
Wen Hua Lin, Li Xiong, Jinghao Han, Thomas Leung, Yannie Soo, Xiangyan Chen, Ka Sing Wong, The Chinese Univ of Hong Kong, Hong Kong, Hong Kong

Poster Board Number P161 / Presentation Number T P161
Evaluation of On-treatment Platelet Reactivity During Carotid Artery Stenting Using the VerifyNow System
Daisuke Maruyama, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Toshinori Takagi, Gifu Univ Graduate Sch Of Med, Gifu, Japan; Shigeki Takada, Hideki kanamaru, Daizo Ishii, Norikata Kobayashi, Kaname Itho, Kenichi Morita, Tetsu Satow, Hiroharu Kataoka, Koji Iihara, Nati Cerebral and Cardiovascular Ctr, Suita, Japan

Poster Board Number P163 / Presentation Number T P163
Metabolic Syndrome, Raised Serum Uric Acid and Poor Leptomeningeal Collateral Status in Patients With Acute Ischemic Strokes
Bijoy K Menon, Eric E Smith, Shelagh B Coutts, Donald G Welsh, Univ of Calgary, Calgary, AB, Canada; James E Faber, Univ of North Carolina, North Carolina, NC; Vivek K Nambiar, Mayank Goyal, Michael D Hill, Andrew M Demchuk, Univ of Calgary, Calgary, AB, Canada; Kyung-Hee Cho, Hyuk-won Chang, Jeung-Ho Hong, Sung Il Sohn, Keimyung Univ, Daegu, Korea, Republic of

Poster Board Number P164 / Presentation Number T P164
Significance of the Thrombus Component as a Predictor for Malignant Middle Cerebral Artery Infarction
Nobutaka Horie, Minoru Morikawa, Yohhei Tateishi, Yuhtaka Fukuda, Shuji Fukuda, Kentaro Hayashi, Tsuyoshi Izumo, Akira Tsujino, Izumi Nagata, Nagasaki Univ Sch of Med, Nagasaki, Japan
Current Status of Recanalization Therapy for Acute Symptomatic Occlusion of the Internal Carotid Artery in Korea

Noninvasive Fractional Flow on MRA Predicts Stroke Risk of Intracranial Stenosis in SONIA/WASID
David S Liebeskind, UCLA, Los Angeles, CA; Andrzei S Kosinski, Duke Univ, Durham, NC; Michael J Lynn, Emory Univ Sch of Public Health, Atlanta, GA; Fabien Scalzo, Albert K Fong, UCLA, Los Angeles, CA; Pari Fariborz, Tufts Medical Ctr, Boston, MA; Marc I Chimowitz, Medical Univ of South Carolina, Charleston, SC; Edward Feldmann, Tufts Univ Sch of Med, Boston, MA; for the SONIA and WASID Investigators

Suppression of High-mobility Group Protein Box-1 Signaling by Eicosapentaenoic Acid Ameliorates Brain Ischemic Damage in Oophorectomized Rats
Manabu Sumiyoshi, Keiko T Kitazato, Kenji Yagi, Kenji Shimada, Nobuhisa Matsushita, Yoshiteru Tada, Yasuhisa Kanematsu, Junichiro Satomi, Shinji Nagahiro, The Univ of Tokushima Graduate Sch, Tokushima, Japan

Angiography-Like Grading of Carotid Artery Stenosis with B-Flow Ultrasound: 3D-Ultrasound Supported Comparison with Computer Tomography Angiography Results in a High Accuracy
Roland Macharzina, Tanja Böhme, Nian Fan, Ulrich Beschorner, Univ Heart Ctr Freiburg - Bad Krozingen, Germany; Werner Vach, Freiburg Univ, Freiburg, Germany; Johannes Weber, Univ Hosp Freiburg, Freiburg, Germany; Franz-Josef Neumann, Thomas Zeller, Univ Heart Ctr Freiburg - Bad Krozingen, Germany

Perioperative Assessment of Cerebral Perfusion Territories using Arterial Spin Labeling Magnetic Resonance Imaging in Patients with Carotid stenosis
Daisuke Yamamoto, Kohkichi Hosoda, Yoshito Uchihashi, Eiji Kohmura, Kobe Univ Graduate Sch of Med, Kobe, Japan

Persistently Elevated Factor VIII in Acute Ischemic Stroke is Associated With Higher CRP, Lower Baseline NIHSS, and Longer Length of Hospital Stay
Adrianne M Dorsey, Tulane Univ, New Orleans, LA; Amelia K Boehme, Univ of Alabama at Birmingham, Birmingham, AL; Laurie Schluter, Tulane Univ, New Orleans, LA; Karen C Albright, Univ of Alabama at Birmingham, Birmingham, AL; Tiffany R Chang, Tulane Univ, New Orleans, LA; T Mark Beasley, Univ of Alabama at Birmingham, Birmingham, AL; Rebecca Kruse-Jarres, Cindy Leissinger, Sheryl Martin-Schild, Tulane Univ, New Orleans, LA
Purpose in Life and Risk of Cerebral Infarction
Steven R Levine, State Univ of New York - Brooklyn, Brooklyn, NY; Patricia A Boyle, Rush Univ Medical Ctr, Chicago, IL; Lei Yu, Robert S Wilson, Julie A Schneider, David A Bennett, Rush Univ Medical Ctr, Chicago, IL

Analysis of Stroke Risk and Risk Factor Awareness in Samoa
Lydia A Trupe, The George Washington Univ, Washington, DC; Viali Lameko, Oceania Univ of Med, Apia, Samoa

Stroke Education by Using a Comic Book and Animated Cartoon Improve Stroke Knowledge among Junior High School Students
Tatsuo Amano, Chiaki Yokota, Yuki Sakamoto, Yuya Shigehatake, Yasuteru Inoue, Fumio Miyashita, Kazunori Toyoda, Kazuo Minematsu, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan

Impact of Living Alone on Stroke Outcomes: Results from the Registry of the Canadian Stroke Network
Mathew J Reeves, Michigan State Univ, East Lansing, MI; Jiming Fang, Marla Prager, Moira Kapral, Inst of Clinical Evaluation Sciences (ICES), Toronto, ON, Canada

Residential Proximity to High Traffic Roadways is Associated with Post-Stroke Mortality
Elissa H Wilker, Beth Israel Deaconess Medical Ctr, Boston, MA; Gregory Welle-nius, Brown Univ, Providence, RI; Elizabeth Mostofsky, Beth Israel Deaconess Medical Ctr, Boston, MA; Shih-Ho Lue, Seton Hall Univ Sch of Health and Medi-cal Science, Elizabeth, NJ; Diane Gold, Channing Lab, Brigham and Women’s Hosp, Boston, MA; Joel Schwartz, Harvard Sch of Public Health, Boston, MA; Murray Mittelman, Beth Israel Deaconess Medical Ctr, Boston, MA

Discharge to Skilled Nursing Facility May Explain the Association Between Neighborhood Disadvantage and Mortality after Stroke: the Cardiovascular Health Study
Arleen F Brown, Stefanie D Vassar, Li-Jung Liang, Sharon S Merkin, Jose J Escarce, UCLA, Los Angeles, CA; Bruce Obviagele, Medical Univ of South Carolina, Charleston, SC; W, T Longstreth, Univ of Washington, Seattle, WA

Walk Score and Risk of Ischemic Stroke Among Town Residents
Malik M Adil, Mariam Suri, Basit Rahim, Sarwat I Gilani, Adnan I Qureshi, Zeenat Qureshi Stroke Ctr, Minneapolis, MN

Key Factors Associated with Major Depression in a National Sample of Stroke Survivors
Amytis Towfighi, Univ of Southern California, Los Angeles, CA; Daniela Markovic, Univ of California, Los Angeles, Los Angeles, CA; Bruce Obviagele, Medical Univ of South Carolina, Charleston, SC

Markedly Elevated High-sensitive C-reactive protein (hsCRP) Predicts Early Mortality Among Stroke Patients
Ahmed Irat, Shazia Alam, Esteban Walker, Irene Katzan, Cleveland Clinic, Cleveland, OH
Poster Board Number P181 / Presentation Number T P181
Serum Eicosapentaenoic Acids is Protective Against White Matter Lesions
Daiki Takano, Takashi Yamazaki, Tetsuya Maeda, Yuichi Satoh, Yasuko Ikeda, Taizen Nakase, Ken Nagata, Res Inst for Brain and Blood Vessels, Akita, Japan

Poster Board Number P182 / Presentation Number T P182
Bone Mass Loss May be a Predictor of Silent Cerebral Infarct and Cerebral White Matter Change in Community-dwelling Adults Without Stroke and Dementia
Seung-Han Suk, Wonkwang Univ Sanbon Medical Ctr and Ansan Municipal Geriatric Hosp, Gunpo-si, Korea, Republic of; Sung-Hee Hwang, Hallym Univ Gangnam Sacred Hosp, Seoul, Korea, Republic of; Seung-Yeon Do, Korean Ctr for Disease Control, Chungwon, Korea, Republic of; Ji-Sook Kang, Wonkwang Univ Sch of Nursing, Iksan, Korea, Republic of; Jun-Hong Lee, Ilsan Health Insurance cooperation Hosp, Ilsan, Korea, Republic of; Yangki Minn, Hallym Univ Gangnam Sacred Hosp, Seoul, Korea, Republic of; Im-Seok Koh, Natl Medical Ctr, Seoul, Korea, Republic of; Jae-Hyun Park, Sangeye Baik Hosp, Seoul, Korea, Republic of

Poster Board Number P183 / Presentation Number T P183
Cerebral Small Vessel Disease - A Population-based Cross-Ethnic Comparison between Chinese and White Elderly Individuals
Vincent Mok, Dept of Med and Therapeutics, Prince of Wales Hosp, Chinese Univ of Hong Kong, Hong Kong, Hong Kong; Ding Ding, Inst of Neurology, Huashan Hosp, Fudan Univ, Shanghai, China; Yunyun Xiong, Dept of Neurology, Jinling Hosp, Nanjing Hosp, Nanjing, China; Thanh G Phan, Southern Clinical Sch, Monash Medical Ctr, Melbourne, Australia; Winnie WC Chu, Defeng Wang, Dept of Radiology & Organ Imaging, The Chinese Univ of Hong Kong, Hong Kong, Hong Kong; Adrian Wong, Dept of Psychological Studies, The Hong Kong Inst of Education, Hong Kong, Hong Kong; Hong Zhen, Dept of Neurology, Huashan Hosp, Fudan Univ, Shanghai, China; Ka Sing Wong, Dept of Med and Therapeutics, Prince of Wales Hosp, The Chinese Univ of Hong Kong, Hong Kong, Hong Kong; Velandai Srikanth, Southern Clinical Sch, Monash Medical Ctr, Melbourne, Australia

Poster Board Number P184 / Presentation Number T P184
Half of All Patients With or Without a History of Treatment for Hypertension Fail a Blood Pressure Screening: An innovative Urban Eye Clinic Experience
Mitchell Dul, State Univ of New York Coll of Optometry, New York, NY; Sharon Nachman, State Univ of New York - Stony Brook, Stony Brook, NY; Vanessa Arnedo, Clotilde Balucani, Dee Burton, Abhishek Pandey, State Univ of New York - Brooklyn, Brooklyn, NY; Ziad El Zammar, State Univ of New York - Upstate Medical Ctr, Syracuse, NY; Jeffrey Borer, Phyllis Supino, Steven R Levine, State Univ of New York - Brooklyn, Brooklyn, NY

Poster Board Number P185 / Presentation Number T P185
Framingham Score Predicts Short-Term Risk of Major Clinical Events after a Recent Stroke
Bruce Ovbiagele, Medical Univ of South Carolina, Charleston, SC; Mai Nguyen-Huynh, Kaiser Permanente Div of Res, Oakland, CA; Nancy K Hills, Univ of California, San Francisco, San Francisco, CA

Poster Board Number P186 / Presentation Number T P186
Associations of Durations of Antiplatelet Use and Vascular Risk Factors With the Presence of Cerebral Microbleeds
Kazuo Yamashiro, Ryota Tanaka, Juntendo Univ Sch of Med, Tokyo, Japan; Yasuyuki Okuma, Juntendo Univ Shizuoka Hosp, Shizuoka, Japan; Yuji Ueno, Yasutaka Tanaka, Juntendo Univ Urayasu Hosp, Chiba, Japan; Nobutaka Hattori, Juntendo Univ Sch of Med, Tokyo, Japan; Takao Urabe, Juntendo Univ Urayasu Hosp, Chiba, Japan
Risk of Subarachnoid Hemorrhage among Patients Infected with Human Immunodeficiency Virus

Haralabos Zacharatos, Basit Rahim, Malik M Adil, Zeenat Qureshi Stroke Res Ctr, Minneapolis, MN; Ameer E Hassan, Zeenat Qureshi Stroke Res Ctr, Minneapolis, TX; Sarwat I Gilani, Adnan I Qureshi, Zeenat Qureshi Stroke Res Ctr, Minneapolis, MN

Location of Intracerebral Hemorrhage in a Tri-ethnic Cohort: The ERICH Study


Is a Low Ankle-brachial Index a Predictive Factor for Poor Recovery From Acute Ischemic Stroke?

Shuichiro Neshige, Brain Attack Ctr Ota Memorial Hosp, Fukuyama, Hiroshima, Japan; Toshiho Ohtsuki, Dept of Clinical Neuroscience and Therapeutics, Hiroshima Univ Graduate Sch of Biomedical Sciences, Hiroshima, Hiroshima, Japan; Naoyuki Hara, Shinichi Takeshima, Takahiro Himeno, Tomoko Fukushima, Kaza Hiro Takamatsu, Taisei Ota, Masaru Kuriyama, Brain Attack Ctr Ota Memorial Hosp, Fukuyama, Hiroshima, Japan; Masayasu Matsumoto, Dept of Clinical Neuroscience and Therapeutics, Hiroshima Univ Graduate Sch of Biomedical Sciences, Hiroshima, Hiroshima, Japan

Predictors for Newly Developed Carotid Plaque; Ansan Geriatric Cohort study

Jin-Man Jung, Do Young Kwon, Changsu Han, Korea Univ Ansan Hosp, Ansan, Korea, Republic of; Inho Jo, Ewha Womans Univ Coll of Med, Seoul, Korea, Republic of; Sangmee Ahn Jo, Dankook Univ Sch of Pharmacy, Ansan, Korea, Republic of; Moon Ho Park, Korea Univ Ansan Hosp, Ansan, Korea, Republic of

The Relationship Between Intracranial Atherosclerosis Assessed by Transcranial Doppler and Body Composition in Apparently Healthy Korean Adults

Eun-Jung Rhee, Dept of Endocrinology and Metabolism, Kangbuk Samsung Hosp, Sungkyunkwan Univ Sch of Med, Seoul, Korea, Republic of; Hyun-Geun Oh, Dept of Neurology, Soochunhyang Univ Coll of Med, Cheonan, Korea, Republic of

Comparison of Stroke Subtype and Admission Rate between Beijing, China and Ontario, Canada - A Population-Based Approach

Jiming Fang, Inst for Clinical Evaluative Sciences, Toronto, ON, Canada; Gaifen Liu, Yi Long Wang, Xingquan Zhao, Chunxue Wang, Yong Zhou, Yuesong Pan, Beijing Tiantan Hosp, Capital Medical Univ, Beijing, China; Xue Qin Xie, Beijing Public Health Information Ctr, Beijing, China; Frank L Silver, Univ of Toronto, Toronto, ON, Canada; Yongjun Wang, Beijing Tiantan Hosp, Capital Medical Univ, Beijing, China; Moira K Kapral, Inst for Clinical Evaluative Sciences, Univ of Toronto, Toronto, ON, Canada
Internet-based Control Recruitment for a Case-Control Study of Major Risk Factors for Stroke in Korea: A Failure and Lessons Learned from the Experience


Tobacco and Stroke Among Active and Prior Cocaine Users: An Avenue for Prevention

Corey R Fehnel, Rhode Island Hosp/Brown Univ Alpert Medical Sch, Providence, RI; Alison Ayres, Massachusetts General Hosp, J Philip Kistler Stroke Res Ctr, Boston, MA; Natalia S Rost, Massachusetts General Hosp, J Philip Kistler Stroke Res Ctr/Harvard Medical Sch, Boston, MA

New Zealand Workforce Stroke Incidence: Urban and Rural Risk Factor Evaluation

Hope E Buell, Patricia Metcalf, Daniel Exeter, Univ of Auckland, Auckland, New Zealand

Racial Differences in Comorbidities after Stroke

Michael J McCarthy, Univ of Cincinnati, Cincinnati, OH; Heidi J Sucharew, Cincinnati Childrens Hosp, Cincinnati, OH; Kathleen Alwell, Charles J Moormaw, Brett M Kissela, Daniel Woo, Mathew L Flaherty, Pooja Khatri, Simona Ferioli, Dawn O Kleindorfer, Univ of Cincinnati, Cincinnati, OH

Combined Diet and Aerobic Exercise Reduces non-HDL-C in Adults: A Meta-Analysis of Randomized Controlled Trials

George A Kelley, Kristi S Kelley, West Virginia Univ, Morgantown, WV

Association between Metabolic Syndrome and Carotid Atherosclerosis: a Community-based Study in Hong Kong

Xinyi Leng, Xiangyan Chen, Ping Chook, Li Xiong, Wenhua Lin, Jingyi Liu, Brian Tomlinson, The Chinese Univ of Hong Kong, Shatin, Hong Kong; G Neil Thomas, Univ of Birmingham, Birmingham, United Kingdom; Tai Hing Lam, Karen Lam, Bernard Cheung, The Univ of Hong Kong, Hong Kong, Hong Kong; Ka Sing Wong, The Chinese Univ of Hong Kong, Shatin, Hong Kong

Independent Contribution of HbA1c, Systolic Blood Pressure, and LDL Cholesterol Control to Risk of Ischemic Stroke Hospitalizations in Type 2 Diabetes

Gregory A Nichols, Kaiser Permanente, Portland, OR; Shreekant Parasuraman, Sandra Joshua-Gotlib, AstraZeneca LP, Wilmington, DE

Delayed Increase in Blood Glucose Fluctuation and Neurological Outcome After Acute Stroke

Shuichiro Neshige, Brain Attack Ctr Ota Memorial Hosp, Fukuyama, Hiroshima, Japan; Toshiro Ohatsu, Dept of Clinical Neuroscience and Therapeutics,
Poster Board Number P202 / Presentation Number T P202
Atrial Fibrillation in Young Stroke Patients: Do We Underestimate Its Prevalence?
Daniel Prefasi, Patricia Martinez-Sanchez, Ana Rodriguez-Sanz, Blanca Fuentes, Dept of Neurology and Stroke Ctr Hosp Univerio La Paz IdiPAZ Health Res Inst, Madrid, Spain; Gerardo Ruiz-Ares, Dept of Neurology and Stroke Ctr La Paz Univ Hosp Autonoma of Madrid Univ IdiPAZ Health Res Inst, Madrid, Spain; David Figueiras-Rama, Dept of Cardiology Hosp Univerio La Paz IdiPAZ Health Res Inst, Madrid, Spain; Exuperio Diez-Tejedor, Dept of Neurology and Stroke Ctr Hosp Univerio La Paz IdiPAZ Health Res Inst, Madrid, Spain

Poster Board Number P203 / Presentation Number T P203
New Onset Atrial Fibrillation Post Stroke
Arezou Sadighi, Samantha Cherin, Rochelle Klutch, Sharon Craig, Fiona Chatfield, David Liebeskind, UCLA, Los Angeles, CA; May Kim, USC, Los Angeles, CA; Latisha Ali, Miguel Valdes-Suerias, UCLA, Los Angeles, CA; Robin Conwit, NIH-NINDS, Bethesda, MD; Scott Hamilton, Stanford, Palo Alto, CA; Marc Eckstein, UCLA, Los Angeles Fire Dept, Los Angeles, CA; Frank Pratt, Los Angeles County Fire, Los Angeles, CA; Samuel Stratton, Orange County EMS Agency, Santa Ana, CA; Nercess Sanossian, USC, Los Angeles, CA; Lucas Restrepo, Sidney Starkman, Jeffrey Saver, UCLA, Los Angeles, CA; for the FAST-MAG Investigators and Coordinators

Poster Board Number P204 / Presentation Number T P204
Frequency of Coronary Artery Stenosis Greater Than 75% in Patients With Carotid Artery Stenosis Treated With Cas: Evaluation Using Coronaty Cta and Coronary Angiography
Yuko Tanaka, Nagatsuki Tomura, Kenichi Kono, Ryo Yoshimura, Hideo Okada, Aki Shintani, Tomoki Terada, Wakayama Rosai Hosp, Wakayama, Japan

Poster Board Number P205 / Presentation Number T P205
Clinical Aspects of First-ever Stroke in Patients With Permanent Pacemaker
Jiro Kitayama, Hiroshi Nakane, Hiromi Ishikawa, Masahiro Shijo, Fukuoka Higashi Medical Ctr, Fukuoka, Japan; Masahiro Kamouchi, Takanari Kitazono, Dept of Med and Clinical Science, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan

Poster Board Number P206 / Presentation Number T P206
The Prevalence of Patent Foramen Ovale in Ischemic Stroke Patients in Korea - An Observational Study
Si Baek Lee, Jaseong Koo, Catholic Univ of Korea, Seoul, Korea, Republic of

Poster Board Number P207 / Presentation Number T P207
Thalia S Field, Univ of British Columbia, Vancouver, BC, Canada; Jeff Szychowski, Univ of Alabama at Birmingham, Birmingham, AL; Carlos Kase, Dept of Neurology, Boston Univ Sch of Med, Boston, MA; David Anderson, Dept of Neurology, Univ of Minnesota, Minneapolis, MN; Jorge Tapia, Faculty of Med, Pontificia Univ Catolica de Chile, Santiago, Chile; Carlos Bazan, Dept of Radiology, Univ of Texas Health Sciences Ctr at San Antonio, San Antonio, TX; Robert Hart, Div of Neurology, Population Health Res institute, McMaster Univ, Hamilton, ON, Canada; Oscar Benavente, Univ of British Columbia, Vancouver, BC, Canada
Poster Board Number P208 / Presentation Number T P208

Medullary Infarction is Associated with Severe Sleep Disordered Breathing
Shuichi Fujii, Kensaku Shibazaki, Kenichiro Sakai, Junya Aoki, Junichi Uemura, Kazumi Kimura, Kawasaki Medical Sch, Kurashiki City, Okayama, Japan

Poster Board Number P209 / Presentation Number T P209

Time of Stroke Onset is not Associated With Risk of Obstructive Sleep Apnea in Intracerebral Hemorrhage
Jennifer Rose V Molano, Univ of Cincinnati Coll of Med, Cincinnati, OH; Sebastian Koch, Univ of Miami, Miller Sch of Med, Miami, FL; Carl Langefeld, Wake Forest Sch of Med, Winston-Salem, NC; Daniel Woo, Univ of Cincinnati Coll of Med, Cincinnati, OH

Poster Board Number P210 / Presentation Number T P210

Short-Term Changes in Ambient Temperature and Risk of Ischemic Stroke Onset
Elizabeth Mostofsky, Beth Israel Deaconess Medical Ctr, Boston, MA; Gregory A Wellenfeld, Brown Univ, Providence, RI; Elissa H Wilker, Beth Israel Deaconess Medical Ctr, Boston, MA; Antonella Zanobetti, Dept of Environmental Health, Harvard Sch of Public Health, Boston, MA; Diane R Gold, Channing Lab, Brigham & Women’s Hosp, Boston, MA; Murray A Mittleman, Beth Israel Deaconess Medical Ctr, Boston, MA

Poster Board Number P211 / Presentation Number T P211

Fine Particulate Matter (PM2.5) and the Risk of Stroke in the REGARDS Cohort

Poster Board Number P212 / Presentation Number T P212

Basilar Artery Diameter is an Independent Predictor of Incident Cardiovascular Disease
Makiko Tanaka, Dept of Stroke Med, Hoshigaoka Koseinenkin Hosp, Osaka, Japan; Manabu Sakaguchi, Kaori Miwa, Shuhei Okazaki, Shigetaka Furukado, Dept of Neurology, Osaka Univ Graduate Sch of Med, Osaka, Japan; Ryuzo Fukunaga, Dept of Stroke Med, Hoshigaoka Koseinenkin Hosp, Osaka, Japan; Kazuo Kitagawa, Dept of Neurology, Osaka Univ Graduate Sch of Med, Osaka, Japan

Diagnosis Posters II

Poster Board Number P213 / Presentation Number T P213

Ischemic and Hemorrhagic Stroke in Patients With Implantation of Left Ventricular Assist Device
Manabu Sakaguchi, Stroke Ctr, Osaka Univ Hosp, Suita, Japan; Kazuo Kitagawa, Hideki Mochiduki, Dept of Neurology, Osaka Univ Graduate Sch of Med, Suita, Japan; Yoshiki Sawa, Dept of Cardiovascular Surgery, Osaka Univ Graduate Sch of Med, Suita, Japan; Toshiki Yoshimine, Dept of Neurosurgery, Osaka Univ Graduate Sch of Med, Suita, Japan

Poster Board Number P214 / Presentation Number T P214

Hyperacute Plasma F2-Isoprostanes Predict Infarct Growth in Acute Ischemic Stroke
Svetlana Lorenzano, Natalia S Rost, Rebecca E Green, Tiyl Thankachan, Allison J Dipietro, Ken Arai, Angel T Som, Loc-Duyen D Pham, Gordon J Harris, Eng H Lo, Massachusetts General Hosp, Harvard Medical Sch, Boston, MA; Steven K Feske, Brigham and Women’s Hosp, Harvard Medical Sch, Boston, MA; Jeffrey B Blumberg, Tufts Univ, Boston, MA; Karen L Furie, Massachusetts General Hosp/Harvard Medical Sch and Rhode Island Hosp/Alpert Medical Sch of Brown Univ, Boston, MA
Leukocyte RNA Expression is Altered Prior to Hemorrhagic Transformation in Ischemic Stroke
Glen C Jickling, Boryana Stamova, Bradley P Ander, Xinhuai Zhan, DaZhi Liu, Piero Verro, Univ of California Davis, Sacramento, CA; Jane Khoury, Cincinnati Children’s Hosp Medical Ctr, Cincinnati, OH; Edward C Jauch, Medical Univ of South Carolina, Charleston, SC; Arthur Pancioli, Joseph P Broderick, Univ of Cincinnati, Cincinnati, OH; Frank R Sharp, Univ of California Davis, Sacramento, CA

Cardio-Ankle Vascular Index (CAVI) is a Novel Parameter to Predict Aortic Arch Plaque Causing Atherothrombotic Stroke
Shintaro Sasaki, Satoshi Nishiyama, Tetsu Watanabe, Harutoshi Tamura, Masahiro Wanezaki, Chika Sato, Isao Kubota, Yamagata Univ school of Med, Yamagata, Japan

Cerebrovascular Events in Glioma Patients Treated with Bevacizumab
Donika K Patel, Seby John, Neda Hashemi-Sadraei, Manmeet Ahluwalia, Cleveland Clinic, Cleveland, OH

Use of a Tablet Device application (iNeglect) to Evaluate Neglect Patients

Implantation With Reveal XT After Cryptogenic Stroke is a Useful Tool to Detect Previously Undiagnosed Atrial Fibrillation
Matthew C Holtzman, Neurology Michigan, West Bloomfield, MI; Nathan Foster, Depak Shah, Providence Hosp, Southfield, MI

Utility of Transthoracic Echocardiography in the Evaluation of Acute Stroke and TIA
Bhavpreet Dham, Hahnemann Univ Hosp, Philadelphia, PA; Yadira Velazquez-Rodriquez, Thomas Mirsen, Cooper Univ Hosp, Camden, NJ

Using Berlin Questionnaire and Epworth Sleepiness Scale to Identify Stroke Patients at Risk for the Sleep Apnea Syndrome
Millene Camilo, Alan Eckeli, Heidi Sander, Regina Fernandes, Joao Leite, Octavio Pontes-Neto, Ribeirao Preto Sch of Med-Univ of Sao Paulo, Ribeirao Preto, Brazil

Cortical Differences in Patients With Stroke and Depressive Symptoms
Fabricio O Lima, Hélio M Yoshida, Elvis L Silva, Brunno M Campos, Wagner M Avelar, Paula T Fernandes, Li M Li, Univ of Campinas, Campinas, Brazil

Role of Plasma Biomarkers in Diagnosis of Ischemic Stroke Subtypes
Svetlana Lorenzano, Natalia S Rost, Ken Arai, Tiyi Thankakan, Rebecca E Green, Allison J Dipietro, Angel T Som, Loc-Duyen D Pham, Gordon J Harris, Massachusetts General Hosp, Harvard Medical Sch, Boston, MA; Jeffrey B Blumberg, Tufts Univ, Boston, MA; Steven K Feske, Brigham and Women’s Hosp, Harvard Medical Sch, Boston, MA; Eng H Lo, Massachusetts General Hosp, Harvard Medical Sch, Boston, MA; Karen L Furie, Massachusetts General Hosp/ Harvard Medical Sch and Rhode Island Hosp/Alpert Medical Sch of Brown Univ, Boston, MA
Poster Board Number P224 / Presentation Number T P224
Risk Factors for Stroke in Infective Endocarditis
Oguzhan Kursun, Massachusetts General Hosp, Boston, MA; Mehmet Akif Topcuoglu, Hacettepe Univ, Ankara, Turkey; Hulya Karatas, Ferdinando S Buonanno, Aneesh B Singhal, Massachusetts General Hosp, Boston, MA

Poster Board Number P225 / Presentation Number T P225
A New Chemokine (CCL23) Is Useful as a Brain Damage Marker and Reflects the Time After Stroke Onset Serving as a Biological Clock
Joan Montaner, Anna Penalba, Teresa Garcia-Berrocoso, Alan Flores, Marta Rubiera, Marc Ribó, Carlos Molina, Jose Alvarez-Sabin, Vall Hebron Res Inst (VHIR), Barcelona, Spain

Poster Board Number P226 / Presentation Number T P226
Association of Alpha2-macroglobulin as a Novel Biomarker With Acute Ischemic Stroke
Tomohisa Nezu, Naohisa Hosomi, Shiro Aoki, Toshiho Ohtsuki, Takemori Yamawaki, Masayasu Matsumoto, Hiroshima Univ Graduate Sch of Biomedical Sciences, Hiroshima, Japan

Poster Board Number P227 / Presentation Number T P227
Three-dimensional Analysis of Flow, Volume and Ejection Fraction of the Left Atrial Appendage in Acute Stroke Patients With Paroxysmal Atrial Fibrillation
Koji Tanaka, Masatoshi Koga, Kazuaki Sato, Rieko Suzuki, Shoji Arihiro, Kazuo Minematsu, Kazunori Toyoda, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan

Poster Board Number P228 / Presentation Number T P228
Fluorescent Pegylated Nanoparticles are Localized in Macrophage-rich but Relatively Stable Human Carotid Atheromata

Poster Board Number P229 / Presentation Number T P229
Measurement of Multiple Blood Markers to Predict Long-term Outcome in Ischemic Stroke
Seung-Hun Oh, Se-A An, Han-Bin Lee, Jinkwon Kim, Ok-Joon Kim, CHA Bundang Medical Ctr, CHA Univ, Seongnam, Korea, Republic of

Poster Board Number P230 / Presentation Number T P230
Left Atrial Appendage Volume is Increased in More Than Half of Patients With Cryptogenic Stroke
Mikko Taina, Ritva Vanninen, Marja Hedman, Pekka Jääkäiä, Petri Sipola, Kuopio Univ Hosp, Kuopio, Finland

Poster Board Number P231 / Presentation Number T P231
Clinical Characteristics of TIA with Atrial Fibrillation
Yuka Kuronuma, Toshiyuki Uehara, Kazumi Kimura, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Yasushi Okada, Natl Hosp Organization Kyushu Medical Ctr, Fukuoka, Japan; Yasuhiro Hasegawa, Nagoya Daini Red Cross Hosp, Nagoya, Japan; Norio Tanahashi, Saitama Medical Univ Saitama Intl Medical Ctr, Hidaka, Japan; Akifumi Suzuki, Res Inst for Brain and Blood Vessels Akita, Akita, Japan; Shigeharu Takagi, Tokai Univ Tokyo Hosp, Isehara,
Japan; Jyoji Nakagawara, Nakamura Memorial Hosp, Sapporo, Japan; Takehiko Nagao, Ebara Hosp, Tokyo, Japan; Shinnji Nagahiro, Tokushima Univ Hosp, Tokushima, Japan; Kuniaki Ogawasawa, Iwate Medical Univ Hosp, Morioka, Japan; Shinichiro Uchiyama, Tokyo Women’s Medical Univ Hosp, Tokyo, Japan; Masayasu Matsumoto, Hiroshima Univ, Hiroshima, Japan; Koji Iihara, Kazuo Minematsu, Nati Cerebral and Cardiovascular Ctr, Suita, Japan; The Japan TIA Research group 09-11

Emergency Care/Systems Posters II  T P232 – T P252

Poster Board Number P232 / Presentation Number T P232
A Biomarker Algorithm that Represents Time from Stroke Symptom Onset
Danielle N Doll, Steven D Brooks, Stephanie L Rellick, Reyna L VanGilder, West Virginia Univ, Morgantown, WV; Alan Cantor, Boston’s Children Hosp, Boston, MA; Maha Sallam, Vu Essence Inc, Odessa, FL; Taura L Barr, West Virginia Univ, Morgantown, WV

Poster Board Number P233 / Presentation Number T P233
Comprehensive Stroke Center Optimization in the United States
Brendan G Carr, Catherine S Wolff, Michael T Mullen, Scott T Kasner, Karl A Dailey, Karen C Albright, Charles C Branas, Univ of Pennsylvania, Philadelphia, PA

Poster Board Number P234 / Presentation Number T P234
What Stroke Survivors and Families Need to Know For Decision-making During Acute Ischemic Stroke Care - A Qualitative Research Study
Eric Cheng, Miriam Ayad, UCLA/VA Los Angeles, Los Angeles, CA; Elizabeth Gialde, Emily Chhatriwalla, John A Spertus, Marilyn Rymer, Debbie Summers, Saint Luke’s Mid America Heart Inst, Kansas City, MO; Jeffrey Saver, UCLA, Los Angeles, CA; Carole Decker, Saint Luke’s Health System, Mid America Heart Inst, Kansas City, MO

Poster Board Number P235 / Presentation Number T P235
Higher Urine Albumin-Creatinine Ratio is an Independent Predictor of Outcome among Critically Ill Acute Stroke Patients
Meng Lee, Ying-Chih Huang, Yi-Ling Wu, Ming-Hsueh Lee, Jiann-Der Lee, Chih-Ying Wu, Yen-Chu Huang, Huan-Lin Hsu, Ya-Hui Lin, Jen-Tsung Yang, Chang Gung Univ and Hosp, Chia-Yi, Taiwan; Bruce Ovbiagele, Medical Univ of South Carolina, Charleston, SC

Poster Board Number P236 / Presentation Number T P236
The Stroke Hyperglycemia Insulin Network Effort (SHINE) Trial: A Case Study of a Bayesian Trial Design
Kristine R Broglio, Jason T Connor, Berry Consultants, LLC, Austin, TX; William J Meurer, Univ of Michigan, Ann Arbor, MI; Valerie L Durkalski, Medical Univ South Carolina, Charleston, SC; Karen C Johnston, Univ of Virginia, Charlottesville, VA; for the SHINE and ADAPT-IT Investigators

Poster Board Number P237 / Presentation Number T P237
Simulation: A Novel Modality for Improving Physician Knowledge and Confidence with Recombinant Tissue-type Plasminogen Activator for Acute Ischemic Stroke
Rachel Stork, Univ of Chicago Pritzker Sch of Med, Chicago, IL; Jeffrey Frank, The Univ of Chicago Med, Chicago, IL; Morris Kharasch, Ernest Wang, Pam Aitchison, Northshore Ctr for Simulation and Innovation, Chicago, IL; Fernando Goldenberg, Cedric McKoy, The Univ of Chicago Med, Chicago, IL

Poster Board Number P238 / Presentation Number T P238
Is There a “Stroke Hotspot” In New Orleans? A Preliminary Analysis of the Human Geography of Stroke Occurrences”
Melissa P Herman, Richard Campanella, Sheryl Martin-Schild, Tulane Univ, New Orleans, LA
Poster Board Number P239 / Presentation Number T P239
Race and the Utilization of Diagnostic Procedures in the Emergency Department for Acute Stroke in the United States
Young M Lee, Vanderbilt Univ Sch of Med, Nashville, TN; Imad S Khan, Vanderbilt Univ Medical Ctr, Nashville, TN; Travis R Ladner, Vanderbilt Univ Sch of Med, Nashville, TN; Moneeb Ehtesham, Robert J Singer, Vanderbilt Univ Medical Ctr, Nashville, TN

Poster Board Number P240 / Presentation Number T P240
Simulation-Based Learning Improves Neurology Resident Training in Acute Stroke Care

Poster Board Number P241 / Presentation Number T P241
Racial Disparities among Incident Ischemic Stroke Cases in the District of Columbia: the ASPIRE Study
Bernadette Boden-Albala, Mount Sinai Sch of Med, New York, NY; Dorothy F Edwards, University of Wisconsin, Wisconsin, NY; Jeffrey J Wing, Univ of Michigan, Ann Arbor, MI; Shauna St Clair, Stephen Fernandez, Georgetown Univ, DC, DC; Lewis Morgenstern, Univ of Michigan, Ann Arbor, MI; Amie Hsui, Washington Hosp Ctr, DC, DC; Chelsea Kidwell, Georgetown Univ, DC, DC

Poster Board Number P242 / Presentation Number T P242
Intravenous rt-PA Therapy for Acute Ischemic Stroke in the Kagawa Prefecture in Japan -Results and Patient Characteristics
Naoki Hayashi, Naohiro Osaka, Osaka Neurosurgical Hosp, Takamatsu, Kagawa, Japan; Masamitsu Kawauchi, Kagawa Prefectural Central Hosp, Takamatsu, Kagawa, Japan; Kimihiro Yoshino, Kagawa Rosai Hosp, Marugame, Kagawa, Japan; Seiji Kannuki, Takamatsu Municipal Hosp, Takamatsu, Kagawa, Japan; Tetsuya Masaoka, Mitoyo General Hosp, Kanonji, Kagawa, Japan; Msahir Kagawa, Takamatsu Red Cross Hosp, Takamatsu, Kagawa, Japan; Kenya Kawakita, Takashi Tamiya, Kagawa Univ, Miki-chou, Kagawa, Japan

Poster Board Number P243 / Presentation Number T P243
IMPACT: Influence of Multiple Process of Care Assessment Times on Cerebral Ischemia Treatment and Outcomes
Amy K Guzik, Rema Raman, Karin Ernestm, Karen Rapp, Dawn M Meyer, Thomas Hemmen, Brett C Meyer, UC San Diego, San Diego, CA

Poster Board Number P244 / Presentation Number T P244
Distinguishing Stroke Mimics From Strokes Prior to Treatment With tPA
Christopher J Deline, Naim Khoury, Laura Heitsch, Andrea L Ford, Lisa Tabor Connor, Jin-Moo Lee, Washington Univ Sch of Med in St Louis, St Louis, MO

Poster Board Number P245 / Presentation Number T P245
Impact of a County-wide Prehospital Destination Protocol on Thrombolytic Rates for Acute Ischemic Stroke (AIS)
Prasanthi Govindarajan, Univ of California, San Francisco, CA; David Ghilar-ducci, American Medical Response, Santa Cruz, CA; Stephen Shiboski, Univ of California, San Francisco, CA; Larry Cook, Univ of Utah, Salt Lake City, UT; Barbara Grimes, S Claiborne Johnston, Univ of California, San Francisco, CA

Poster Board Number P246 / Presentation Number T P246
Emergency Medical Service Transportation is Associated With Improved Evaluation and Treatment of Acute Ischemic Stroke
Khosrow Heidari, South Carolina Dept of Health and Environmental Control, Columbia, SC; Souvik Sen, Univ of South Carolina Sch of Med, Columbia, SC; Edward C Jauch, Medical Univ of South Carolina, Charleston, SC; Chris Finney, South Carolina Office of Res and Statistics, Columbia, SC; Er Chen, Genentech,
Real-time Videomonitoring Markedly Shortens Time Delays For Reperfusion In Acute Stroke

Estela SanJuan, Marta Rubiera, Marc Ribo, Julia A Kallas, Pilar Meier, Marian Muchada, Jorge Pagola, David Rodriguez-Luna, Alan A Flores, Carlos A Molina, Hosp Univr Vall D`Hebron, Barcelona, Spain

Vascular Neurologists Increase the Frequency of Intravenous Thrombolytic Administration

Rebecca Gryszewicz, UIC, Chicago, IL; Jonathan Garoza, Shu B Chan, Resurrection Medical Ctr, Chicago, IL; Aslam M Khaja, UIC, Chicago, IL; Sandra Hoelzel, Resurrection Medical Ctr, Chicago, IL; Neelofar Shafi, Fernando Testai, UIC, Chicago, IL; Jeffrey Gordon, Resurrection Medical Ctr, Chicago, IL; Sean Ruland, UIC, Chicago, IL

Impact of Emergency Medical Services Acute Stroke Routing Protocols on Primary Stroke Center Certification in California

Samuel D Schuberg, Keck Sch of Med of the Univ of Southern California, Los Angeles, CA; Sarah Song, Dept of Neurology, Rush Univ, Chicago, IL; Jeffrey L Saver, UCLA Stroke Ctr, Los Angeles, CA; Nerses Sanossian, Dept of Neurology, Univ of Southern California, Los Angeles, CA

The Direct and Indirect Impact of the Acute Stroke Nurse Role on Thrombolysis Treatment Times and Rates

Skye Coote, Poh Sien Loh, Andrea Moore, Box Hill Hosp, Box Hill, Victoria, Australia; Chris Bladin, Box Hill Hosp and Monash Univ, Box Hill, Victoria, Australia

Adjuvant Treatment with N-acetyl-seryl-aspartyl-lysyl-proline Extends the Therapeutic Window of Tissue Plasminogen Activator in a Rat Model of Embolic Stroke

Li Zhang, Michael Chopp, Zheng Gang Zhang, Henry Ford Hosp, Detroit, MI

Clot Dissolution is Better With Ultrasound Assisted Thrombolysis for Fresh Clots With Higher Cholesterol Content

Aftab Ahmad, Leonard L Yeo, NUHS, Singapore, Singapore; Yufeng Zhou, Kanna Suresh Murugappan, Nanyang Technological Univ, Singapore, Singapore; Vijay Sharma, NUHS, Singapore, Singapore
Poster Board Number P255 / Presentation Number T P255
Interferon-Induced Peptide With Tetratricopeptide Repeats 1 is a Key Mediator of Neuroprotection Induced by Preconditioning
Keri B Vartanian, Valerie K Conrad, Susan L Stevens, Oregon Health & Science Univ, Portland, OR; Jason E McDermott, Pacific Northwest Natl Labs, Richland, WA; Mingyue Liu, Mary P Stenzel-Poore, Oregon Health & Science Univ, Portland, OR

Poster Board Number P256 / Presentation Number T P256
Targets of Vascular Protection in Acute Ischemic Stroke Differ in Type 2 Diabetes
Aisha Cobbs, Weiguo Li, Georgia Health Sciences Univ, Augusta, GA; Roshini Prakash, Univ of Georgia Program in Clinical and Experimental Therapeutics, Augusta, GA; Bindu Pillai, Safia N Ogbi, Maha Coucha, Maribeth Johnson, Georgia Health Sciences Univ, Augusta, GA; Susan Fagan, Univ of Georgia Program in Clinical and Experimental Therapeutics, Augusta, GA; Adviye Ergul, Georgia Health Sciences Univ, Augusta, GA

Poster Board Number P257 / Presentation Number T P257
Endothelial Cell and Smooth Muscle Cell Specific Tsc1 Deficiency are Important Mediators of Ischemic Stroke
Yong-Joo Ahn, Hyung-Hwan Kim, BWH/HMS, Cambridge, MA

Poster Board Number P258 / Presentation Number T P258
Oleic Acid Decreased Brain Infarct Volume in Middle Cerebral Artery Occlusion Rats by Peroxisome Proliferator-Activated Receptor Activation
Donghwan Lee, Kyung Hee Univ, Seoul, Korea, Republic of; Hyeon Lee, Dong-hun Lee, Jingyu Choi, Korea Inst of Science and Technology for Eastern Med (KISTEM), NeuMed Inc, Seoul, Korea, Republic of; Jungbin Song, Bhakta Gaire, Hocheol Kim, Kyung Hee Univ, Seoul, Korea, Republic of

Poster Board Number P259 / Presentation Number T P259
Ischemic Postconditioning Protects Against Focal Ischemia in Mouse
Sungpil Joo, Weiyiing Xie, Heng Zhao, Stanford Univ, Stanford, CA

Poster Board Number P260 / Presentation Number T P260
Synergistic Inhibitors Halt Brain and Systemic Hemorrhage After Tissue Plasminogen Activator Treatment for Ischemic Stroke
Yi Zhang, Aililyan Houng, Guy Reed, Univ of Tennessee, Memphis, TN

Poster Board Number P261 / Presentation Number T P261
Spontaneous Strokes in Sickle Cell Transgenic Mice Captured ex vivo With Magnetic Resonance Imaging
Philip M Keegan, Georgia Inst of Technology, Atlanta, GA; Orion P Keifer, Emory Univ, Atlanta, GA; Ivana L Parker, Shella D Keilholz, Manu O Platt, Georgia Inst of Technology, Atlanta, GA

Poster Board Number P262 / Presentation Number T P262
Pulsed Electromagnetic Field (PEMF) Increases Microvascular Flow and Tissue Oxygenation in the Normal Rat Brain
Denis E Bragin, Gloria Statom, Edwin M Nemoto, Dept of Neurosurgery UNM, Albuquerque, NM

Poster Board Number P263 / Presentation Number T P263
The Effect of Moderate and Excessive Alcohol Exposure on Male Experimental Stroke Outcomes in Mice is Androgen-Independent
Yingxin Chen, Ling Zhang, Nicole L Libal, Stephanie J Murphy, Oregon Health and Science Univ, Portland, OR

Poster Board Number P264 / Presentation Number T P264
Effects of Intra- and Post-Ischemic Normobaric Oxygen Therapy on Long Term Outcomes After Focal Ischemic Stroke
Elgie Esposito, Emiri T Mandeville, Kazuhide Hayakawa, Eng H Lo, Aneesh B Singhal, Massachusetts General Hosp, Boston, MA
Poster Board Number P265 / Presentation Number T P265
Microparticles Play a Role in Mediating Angiogenic Effect of Mesenchymal Stromal Cells on Cerebral Vascular Endothelial Cells
Ji Chen, Xiang Xiao, Cheng Zhang, Shuizhen Chen, Wright State Univ, Dayton, OH; Jianying Chen, Bin Zhao, the Affiliated Hosp of Guangdong Medical Coll, Zhanjiang, China; Yanfang Chen, Wright State Univ, Dayton, OH

Poster Board Number P266 / Presentation Number T P266
Platelet-Derived Glutamate Contributes to Neuronal Injury after Experimental Subarachnoid Hemorrhage
Joshua D Bell, Faculty of Med, Univ of Toronto, Keenan Res Ctr in Li Ka Shing Knowledge Inst of St Michael's Hosp, Univ of Toronto, Toronto, ON, Canada; Elliot H Lass, Hoyee Wan, Jinglu Ai, Div of Neurosurgery, St Michael's Hosp, Keenan Res Ctr in Li Ka Shing Knowledge Inst of St Michael's Hosp, Univ of Toronto, Toronto, ON, Canada; Theresa-Courrier Thomas, Jonathan Lifshitz, Univ of Arizona Coll of Med, Phoenix, AZ; Andrew J Baker, Deps of Anesthesia and Critical Care, St Michael's Hosp, Keenan Res Ctr in Li Ka Shing Knowledge Inst of St Michael's Hosp, Univ of TorontoUniv of Toronto, Toronto, ON, Canada; Robert Loch Macdonald, Div of Neurosurgery, St Michael's Hosp, Keenan Res Ctr in Li Ka Shing Knowledge Inst of St Michael's Hosp and Dept of Surgery, Univ of Toronto, Toronto, ON, Canada

Poster Board Number P267 / Presentation Number T P267
Metabolomics Identifies a Branched Chain Amino Acid Profile in Acute Ischemic Stroke
W Taylor Kimberly, Yu Wang, Ly Pham, Karen L Furie, Robert E Gerszten, Massachusetts General Hosp, Boston, MA

Poster Board Number P268 / Presentation Number T P268
Huwe1 is Neuroprotective Against Monkey Cerebral Ischemia-reperfusion Injury by Regulating P53- and Mcl1- Dependent Apoptotic Pathways
Lihua Yu, Jian Guo, Guoqian He, Jingjing Zhang, Ning Chen, Li He, West China hospital of Sichuan Univ, Chengdu, China

Poster Board Number P269 / Presentation Number T P269
Reduction of Human Brain Adenosine Levels Following Remote Ischemic Preconditioning
Joshua R Dusick, Arzu Bilgin-Freiert, Kym F Faull, Nestor Gonzalez, UCLA, Los Angeles, CA

Poster Board Number P270 / Presentation Number T P270
Correlation Between Prostaglandin D2 DP1 Receptor Effects on Cerebral Blood Flow and Stroke Outcomes
Abdullah Ahmad, Anesthesiology, Neurology, Psychiatry, Neuroscience Depts, Ctr for Translational Res in Neurodegenerative Disease, Univ of Florida, Gainesville, FL; Takayuki Maruyama, Discovery Res Inst I, Ono Pharmaceutical Co Ltd, Osaka, Japan; Shuh Narumiya, Dept of Pharmacology, Kyoto Univ Faculty of Med, Kyoto, Japan; Sylvain Dore, Anesthesiology, Neurology, Psychiatry, Neuro-psychology Depts, Ctr for Translational Res in Neurodegenerative Disease, Univ of Florida, Gainesville, FL

Poster Board Number P271 / Presentation Number T P271
Novel Carbon-Based Particle Antioxidants in Reversible Hyperglycemic MCA Occlusion
Roderic H Fabian, Baylor Coll of Med and the Micheal E DeBakey VA Med Ctr, Houston, TX; Daniela Marcano, Errol L Samuel, James Tour, Smalley Inst for Nanoscale Science and Technology, Rice Univ, Houston, TX; Thomas A Kent, Baylor Coll of Med and the Michael E DeBakey VA Med Ctr, Houston, TX

Poster Board Number P272 / Presentation Number T P272
An Association Between Tlr and Jak Signaling Following Cerebral Ischemia: A Translational Approach
Reyna VanGilder, Stephanie Rellick, Jason Huber, Charles Rosen, Ryan Turner, Taura Barr, West Virginia Univ, Morgantown, WV
High Fat Diet Worsens Long Term Stroke Outcome
Weiguo Li, Georgia Health Science Univ, Augusta, GA; Roshini Prakash, Coll of Pharmacy, Univ of Georgia, Augusta, GA; Handong Ma, Adviey Ergul, Georgia Health Science Univ, Augusta, GA

Inactivation of Serpinf2 Saves Lives, Prevents Disability and Hemorrhage in Experimental Thromboembolic Ischemic Stroke
Aiilyan Houng, Dong Wang, Guy Reed, Univ of Tennessee, Memphis, TN

Glucagon-Like Peptide-1 is Increased in Blood Plasma and May Play Neuroprotective Roles After Ischemic Stroke in Human
Takahiro Kuwashiro, Tetsuro Ago, Masahiro Kamouchi, Ryu Matsuo, Junya Kuroda, Dept of Med and Clinical Science, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan; Tetsu Isomura, Hideto Awano, Kazuo Suzuki, Molecule Corp, Yokohama, Japan; Hiroshi Sugimori, Dept of Med and Clinical Science, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan; Yutaka Kiyohara, Dept of Environmental Med, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan; Takanari Kitazono, Dept of Med and Clinical Science, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan

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Takahiro Kuwashiro, Tetsuro Ago, Masahiro Kamouchi, Ryu Matsuo, Junya Kuroda, Dept of Med and Clinical Science, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan; Tetsu Isomura, Hideto Awano, Kazuo Suzuki, Molecule Corp, Yokohama, Japan; Hiroshi Sugimori, Dept of Med and Clinical Science, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan; Yutaka Kiyohara, Dept of Environmental Med, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan; Takanari Kitazono, Dept of Med and Clinical Science, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan

Stroke in Infective Endocarditis: Impact of Management on Outcome Over 3 Decades
Oguzhan Kursun, Massachusetts General Hosp, Boston, MA; Mehmet Akif Topcuoglu, Facettepe Univ, Ankara, Turkey; Hulya Karatas, Ferdinando S Buonanno, Aneesh B Singhal, Massachusetts General Hosp, Boston, MA

Stroke Related Limb Weakness Confers Thrombotic Complications With PICC Lines
Mohammad Ibrahim, Ravjot Sodhi, Aaron Nizam, Nabiha Khakoo, Siddhart Mehta, Mohammad Moussavi, Jawad F Kirmani, Neuroscience Inst at JFK Medical Ctr, Edison, NJ

Effect of Pre-Treatment with Statins on Ischemic Stroke Severity: Does the Doses Matter?
Patricia Martinez Sanchez, Blanca Fuentes, Gerardo Ruiz-Ares, Marta Martinez-Martinez, Jorge Fernandez-Travesio, Borja Enrique Sanz-Cuesta, Lorena Cuellar-Gamboa, Exuperio Diez-Tejedor, Deparment of Neurology and Stroke Ctr Hosp Univrio La Paz IdiPAZ Health Res Inst, Madrid, Spain

Prevalence of Systemic Inflammatory Response Syndrome and its Impact on Outcome in Acute Ischemic Stroke Patients Receiving IV tPA Therapy
Niren Kapoor, Amelia K Boehme, Karen C Albright, Michael J Lyerly, Reza Bavarsad Shahripour, Pawan V Rawal, Muhammad Alvi, James T Houston, April Sisson, Univ of Alabama at Birmingham, Birmingham, AL; Anne W Alexandrov, Comprehensive Stroke Ctr, Sch of Nursing, Univ of Alabama at Birmingham, Birmingham, AL; Andrei V Alexandrov, Comprehensive Stroke Ctr, Univ of Alabama at Birmingham, Birmingham, AL; David W Miller, Univ of Alabama at Birmingham, Birmingham, AL

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Patricia Martinez Sanchez, Blanca Fuentes, Gerardo Ruiz-Ares, Marta Martinez-Martinez, Jorge Fernandez-Travesio, Borja Enrique Sanz-Cuesta, Lorena Cuellar-Gamboa, Exuperio Diez-Tejedor, Deparment of Neurology and Stroke Ctr Hosp Univrio La Paz IdiPAZ Health Res Inst, Madrid, Spain
Poster Board Number P280 / Presentation Number T P280
Risk Factors Predicting Progression in Penetrating Artery Territory Infarction; a Retrospective Study
Mariko Yasui, Kotaro Miyashita, Akiko Kada, Natl Cerebral and Cardiovascular Ctr, Suita, Osaka, Japan; Jyoji Nakagawa, Nakamura Memorial Hosp, Sapporo, Hokkaido, Japan; Kenichi Todo, Kobe City Medical Ctr General Hosp, Kobe, Japan; Norifumi Metoki, Hirosaki Stroke and Rehabilitation Ctr, Aomori, Japan; Yasuhiro Manabe, Okayama Medical Ctr, Okayama, Japan; Yasuhiwa Akawa, Niigata Univ Medical and Dental Hosp, Niigata, Japan; Yaasumasa Yamamoto, Kyoto Second Red Cross Hosp, Kyoto, Japan; Kazunori Toyoda, Kazuyuki Nagatsuka, Natl Cerebral and Cardiovascular Ctr, Suita, Osaka, Japan

Poster Board Number P281 / Presentation Number T P281
Frequency and Predictors of Early Intubation for Acute Stroke Patients Presenting within 2 Hours of Stroke Symptom Onset
Nerses Sanossian, Univ of Southern California, Los Angeles, CA; David S Liebeskind, Sidney Starkman, UCLA Stroke Ctr, Los Angeles, CA; Scott Hamilton, Stanford Univ, Palo Alto, CA; Jeffrey L Saver, UCLA Stroke Ctr, Los Angeles, CA; FAST-MAG Investigators and Coordinators

Poster Board Number P282 / Presentation Number T P282
Clinical Predictors to Identify Paroxysmal Atrial Fibrillation After Ischemic Stroke
Klaus Gröschel, Univ Med, Neurology, Mainz, Germany; Janin Wohlfahrt, Univ Med, Neurology, Göttingen, Germany; Mark Weber-Krüger, Univ Med, Cardiology, Göttingen, Germany; Katrin Wasser, Univ Med, Neurology, Göttingen, Germany; Raoul Stahrenberg, Rolf Wachter, Univ Med, Cardiology, Göttingen, Germany

Poster Board Number P283 / Presentation Number T P283
In-hospital Medical Complications Crosstalk after Acute Stroke: The Role of Pneumonia
Ruijun Ji, TianTan Comprehensive Stroke Ctr, TianTan Hosp, Capital Medical Univ, Beijing, China; Li Jun, TianTan Hosp, Capital Medical Univ, Beijing, China; David Wang, Illinois Neurological Inst, Illinois, US, Chicago, IL; Haipeng Shen, Dept of Statistics and Operation Res, Univ of north Carolina Chapel Hill, NC, US; Chapel Hill, NC; Yuesong Pan, Gaifen Liu, Yilong Wang, Hao Li, Yongjun Wang, TianTan Comprehensive Stroke Ctr, TianTan Hosp, Capital Medical Univ, Beijing, China; Beijing, China

Poster Board Number P284 / Presentation Number T P284
Association of Hemorrhagic Stroke with Recurrence Stroke Caused by Infective Endocarditis
Toshihiko Ohtsuki, Hiroshima Univ and Kinki Univ Hosp, Hiroshima, Japan; Eiichi Nomura, SuiseiKai Kajikawa Hosp, Hiroshima, Japan; Amami Kato, Kinki Univ Hosp, Osaka-Sayama, Japan; Masayasu Matsumoto, Hiroshima Univ, Hiroshima, Japan

Poster Board Number P285 / Presentation Number T P285
Serum Potassium Levels Influence Ischemic Stroke Outcome
Mohammad Mossavai, Aaron Nizam, Ravjot Sodhi, Joseph Alario, Haitham Dababneh, Spozhmy Panezai, Jawad F Kirmani, Neuroscience Inst at JFK Medical Ctr, Edison, NJ

Poster Board Number P286 / Presentation Number T P286
The Use of Benzodiazepines in Patients With Acute Ischemic Stroke
Monique B Alves Jr, Andrea M Pereira, Paula S Nogueira, Renata C Miranda, Fernando M Coelho, Gisele S Silva, Hosp Israelita Albert Einstein, Sao Paulo, Brazil

Poster Board Number P287 / Presentation Number T P287
Prolongation of Hospital Stay Following Acute Ischemic Stroke
James E Siegler, Tulane Sch of Med, New Orleans, LA; Bethena D Fowler, Amelia K Boehme, Karen C Albright, Univ of Alabama at Birmingham, Birmingham, AL; Sheryl Martin-Schild, Tulane Sch of Med, New Orleans, LA
Poster Board Number P288 / Presentation Number T P288
Introduction of a 24/7 Acute Care Nurse Practitioner-Based Stroke Code Team Improved Compliance with Time Targets
Matthew A Koenig, Susan M Asai, Jennifer L Moran, Kazuma Nakagawa, Cherylle W Chang, The Queen's Medical Ctr, Honolulu, HI

Poster Board Number P289 / Presentation Number T P289
Factors Influencing Hemorrhagic Transformation in Acute Ischemic Stroke Patients
Davide Strambo, Luca Peruzzotti-Jametti, Giacomo Giaalone, Elisa Zanoli, Luisa Roveri, Sebastiano Galantucci, Mariacarmela Spinelli, Graziama Nuzzaco, Vittorio Martellini, Giancarlo Comi, Maria Sessa, Dept of Neurology and Inst of Experimental Neurology, IRCCS San Raffaele, Milan, Italy

Poster Board Number P290 / Presentation Number T P290
Glyburide Reduces Cytotoxic Edema within the Cerebral Peduncles in Acute Ischemic Stroke
Brian L Edlow, Ona Wu, Aneesh B Singhal, Zeshan A Chaudhry, Albert J Yoo, Massachusetts General Hosp, Boston, MA; Barney J Stern, Kevin N Sheth, Univ of Maryland Medical Ctr, Baltimore, MD; W Taylor Kimberly, Massachusetts General Hosp, Boston, MA

Intracerebral Hemorrhage Posters II

Poster Board Number P291 / Presentation Number T P291
Hematoma Retraction and Perihematoma Hypodensity in Neutral Brain Model of Intracerebral Hemorrhage
Shahram Majidi, Basit Rahim, Sarwat I Gilani, Waqas I Gilani, Malik M Adil, Adnan I Qureshi, Zeenat Qureshi Stroke Res Ctr, Minneapolis, MN

Poster Board Number P292 / Presentation Number T P292
Thrombin-induced Cerebral Hemorrhage: Role of Protease-activated Receptor-1
Yingying Cheng, Jilin Univ, Changchun, China; Guohua Xi, Richard F Keep, Univ of Michigan, Ann Arbor, MI; Jiachun Feng, Jilin Univ, Changchun, China; Ya Hua, Univ of Michigan, Ann Arbor, MI

Poster Board Number P293 / Presentation Number T P293
Antithrombotic Therapy Does Not Increase Cerebral Microbleeding
Junichi Imamura, DaiSuke Muta, Takashi Ishigami, Dept of Neurosurgery, Kagoshima Medical Ctr, Natl Hosp Organization, Kagoshima City, Kagoshima Pref, Japan; Tadashi Hamasaki, Dept of Neurosurgery, Kumamoto Univ, Kumamoto City, Kumamoto Pref, Japan; Takahiro Nakashima, Masayuki Wakita, Rikuzou Hamada, Dept of Cerebrovascular Med, Kagoshima Medical Ctr, Natl Hosp Organization, Kagoshima City, Kagoshima Pref, Japan

Poster Board Number P294 / Presentation Number T P294
Does the Aspirin Response Test Help Determine Whether Patients Should Receive Platelet Transfusion After Intracerebral Hemorrhage?
Anat Horev, Stroke Inst,UPMC, Pittsburgh, PA; Einat Haber, Tel-Aviv Univ, Tel-Aviv, Israel; Natan M Borenstein, Stroke Unit,Deprtment of Neurology,Tel Aviv Sourasky Medical Ctr, Tel Aviv Univ, Tel-Aviv, Israel; Steven A Koehler, Ashutosh P Jadhav, Tudor G Jovin, Guillermo Linares, Vivek K Reddy, Stroke Inst,UPMC, Pittsburgh, PA

Poster Board Number P295 / Presentation Number T P295
Different Patterns of Subcortical White Matter Disease in Patients with Cerebral Amyloid Angiopathy and Hypertensive Intracerebral Hemorrhage
Kellen Haley, Ellis S van Etten, Etan Auriel, Alison Ayres, Anastasia Vashkevich, Anne K Reed, Zora Y Dipucchio, Kristin M Schwab, Jonathan Rosand, Anand Viswanathan, Steven M Greenberg, Mahmut E Gurol, Massachusetts General Hosp, Boston, MA
Leukoaraiosis on MRI Correlates with Worse Outcomes after Intracerebral Hemorrhage

Predictors of Intracranial Hemorrhage in Patients with Atherosclerotic Vascular Disease: Observations from the TRA 2°P-TIMI 50 Trial
Marc P Bonaca, TIMI Study Group, Brigham and Women’s Hosp, Cardiovascular Div, Boston, MA; Jay P Mohr, The Neurological Inst of New York, Columbia Univ, New York, NY; Mark J Alberts, Stroke Program, Northwestern Univ Feinberg Sch of Med, Chicago, IL; Sebastian F Ameriso, Inst for Neurological Res, FLENI, Buenos Aires, Argentina; Graeme J Hankey, Stroke Unit, Dept of Neurology, Royal Perth Hosp, Perth, Australia; Sabina A Murphy, Benjamin M Scirica, Eugene Braunwald, David A Morrow, TIMI Study Group, Brigham and Women’s Hosp, Cardiovascular Div, Boston, MA

Acute Intracerebral Hemorrhage: Prospective Evaluation of A Pragmatic Stepwise Diagnostic Algorithm for Underlying Vascular Pathologies
H M Schneble, P Reiner, J P Guichard, D Bresson, H Chabriot, C Stapf, Hôpital Lariboisière, Paris, France

Lone Intraventricular Hemorrhage Frequently Harbors Vascular Malformations and Has Better Clinical Outcomes Than When Associated With Small Parenchymal Component
Ather Taqui, Lauren Koffman, Muhammad S Hussain, Ken Uchino, Cleveland Clinic Fndn, Cleveland, OH

Can Advanced Imaging Software Improve Prognostication After Intracerebral Hemorrhage?
Sam Bruce, Michael McDowell, Eric Sussman, Simon Heuts, Christopher Kellner, Rachel Bruce, Rishiha Guniganti, Carl Guo, E Sander Connolly, Columbia Univ, New York, NY

Warfarin Increases Risk of Future Intracerebral Hemorrhage in Patients Presenting with Isolated Lobar Microbleeds on MRI
Ellis S van Etten, Eitan Auriel, Kellen E Haley, Kristen A McNamara, Alison M Ayres, Anastasia Vashkevich, Kristin Schwab, Jonathan Rosand, Anand Viswanathan, Steven M Greenberg, M Edip Gurol, Massachusetts General Hosp, Boston, MA

Brain Natriuretic Peptide Upon Admission Should Predict Patients Mortality Within 1 Year After Onset of Intracerebral Hemorrhage
Yoshino Goya IV, Kawasaki Medical Sch, Kurashiki, Japan

Gender Differences in the Use of Early Do-Not-Resuscitate Orders after Intracerebral Hemorrhage
Kazuma Nakagawa, Univ of Hawaii, Honolulu, HI; Megan A Vento, The Queen’s Medical Ctr, Honolulu, HI; Todd B Seto, Matthew A Koenig, Univ of Hawaii, Honolulu, HI; Susan M Asai, Cherylee W Chang, The Queen’s Medical Ctr, Honolulu, HI; J Claude Hemphill 3rd, Univ of California, San Francisco, San Francisco, CA
Conjugate Eye Deviation in Acute Intracerebral Hemorrhage: Stroke Acute Management With Urgent Risk-factor Assessment and Improvement (SAMURAI) -ICH Study
Shoichiro Sato, Masatoshi Koga, Nati Cerebral and Cardiovascular Ctr, Suita, Osaka, Japan; Hiroshi Yamagami, Kobe City Medical Ctr General Hosp, Kobe, Hyogo, Japan; Satoshi Okuda, Nati Hosp Organization Nagoya Medical Ctr, Nagoya, Aichi, Japan; Yasushi Okada, Nati Hosp Organization Kyushu Medi-cal Ctr, Fukuoka, Fukuoka, Japan; Kazumi Kimura, Kawasaki Medical Sch, Kurashiki, Okayama, Japan; Yoshiaki Shikowa, Kyorin Univ Sch of Med, Mitaka, Tokyo, Japan; Jyoji Nakagawara, Nakamura Memorial Hosp, Sapporo, Hokkaido, Japan; Eisuke Furui, Kohnan Hosp, Sendai, Miyagi, Japan; Yasuhiro Hasegawa, St Marianna Univ Sch of Med, Kawasaki, Kanagawa, Japan; Kazuomi Kario, Jichi Medical Univ Sch of Med, Shimotsuke, Tochigi, Japan; Shoji Arihiro, Kazuyuki Nagatsu, Kazuo Minematsu, Kazunori Toyoda, Nati Cerebral and Cardiovascular Ctr, Suita, Osaka, Japan

Lower Serum Total Cholesterol Levels are Associated With Increased Severity of Intracerebral Hemorrhage: Results from the Taiwan Stroke Registry
Yu-Wei Chen, Mei-Chiun Tseng, Landseed Hosp, Tao-Yuan, Taiwan; Jiann-Shing Jeng, Nati Taiwan Univ Hosp, Taipei, Taiwan; Taiwan Stroke Registry

Impact of Medical Complications on Outcome Following Intracerebral Hemorrhage
Christopher P Kellner, Santiago Ortega-Gutierrez, Michael M McDowell, Ridi-hima Guniganti, Eric S Sussman, Sam S Bruce, Simon G Heuts, Rachel A Bruce, Jan Claassen, Stephan Mayer, E Sander Connolly Jr, Columbia Univ Medical Ctr, New York, NY

Validation of Clinical Prediction Scores in Patients with Primary Intracerebral Hemorrhage
Mehrzad Zarghouni, John S Garrett, Yahya A Daoud, Kenneth F Layton, Baylor Univ Medical Ctr, Dallas, TX

Reduced Estimated Glomerular Filtration Rate And Outcomes Of Intracerebral Hemorrhage: The SAMURAI-ICH Study
Tetsuya Miyagi, Masatoshi Koga, Nati Cerebral and Cardiovascular Ctr, Suita, Japan; Hiroshi Yamagami, Kobe City General Hosp, Kobe, Kazakhstan; Satoshi Okuda, Nati Hosp Organization Nagoya Medical Ctr, Nagoya, Japan; Yasushi Okada, Nati Hosp Organization Kyushu Medical Ctr, Fukuoka, Japan; Kazumi Kimura, Kawasaki Medical Sch, Kurashiki, Japan; Yoshiaki Shikowa, Kyorin Univ Sch of Med, Mitaka, Japan; Jyoji Nakagawara, Nakamura Memorial Hosp, Sapporo, Japan; Eisuke Furui, Kohnan Hosp, Sendai, Japan; Yasuhiro Hasegawa, St Marianna Univ Sch of Med, Kawasaki, Japan; Kazuomi Kario, Jichi Medical Univ Sch of Med, Shimotsuke, Japan; Shoji Arihiro, Shoichiro Sato, Masato Osaki, Junpei Kobayashi, Takuya Okata, Yuki Sakamoto, Eijirotu Tanaka, Kazuo Minematsu, Kazunori Toyoda, Nati Cerebral and Cardiovascular Ctr, Suita, Japan; SAMURAI Study Investigators

Subarachnoid Extension of Hemorrhage is Associated with Poor Outcomes in Primary Intracerebral Hemorrhage
Subarachnoid Extension of Intracerebral Hemorrhage and Perihematomal Ischemic Compression are Related, Harmful Processes
Indianapolis, IN; Vincent McClain, Clinical Epidemiology Res Ctr, VA Connecticut Healthcare System, Hartford, CT; Charles Austin, Jared Ferguson, Richard Roudebush VAMC, Indianapolis, IN; Carlos Fragoso, Yale and VA, West Haven, CT; Jason Sico, VA and Yale, West Haven, CT; Susan Ofner, Richard Roudebush VAMC and IU, Indianapolis, IN; Edward J Miceli, Marianne S Matthias, Richard Roudebush VAMC, Indianapolis, IN; Linda S Williams, Richard Roudebush VAMC and IU, Indianapolis, IN; Dawn M Bravata, Richard Roudebush VAMC/Indiana Univ, Indianapolis, IN

Poster Board Number P319 / Presentation Number T P319
Randomized Pilot Trial of Usual Care versus LIFE (Lifestyle Intervention using Functional Exercise to Reduce Falls) in Those with Mild Stroke
Nicole Korner-Bitensky, McGill Univ, Montreal, QC, Canada; Lindy Creelman, Univ of Sydney, Sydney, Australia

Poster Board Number P320 / Presentation Number T P320
Do Aspects or Profiles of the NIHSS Predict Post Stroke Spasticity?
Theodore Wein, Montreal General Hosp, Div of Neurology, McGill Univ, Montreal, QC, Canada; Heidi Sucharew, Cincinnati Children’s Hosp Medical Ctr Div of Bio-statistics and Epidemiology, Cincinnati, OH; Patrick Gillard, Allergan Inc, Irvine, CA; Aubrey Manack, Allergan Inc, Irvine, CA; Kathleen Alwell, Charles Momaw, Univ of Cincinnati Dept of Neurology, Cincinnati, OH; Daniel Woo, Univ of Cincinnati Dept of Neurology, Montreal, OH; Poopa Khatri, Matthew Flaherty, Opeolu Adeoye, Simona Ferioli, Dawn Kleindorfer, Brett Kissela, Univ of Cincinnati Dept of Neurology, Cincinnati, OH

Poster Board Number P321 / Presentation Number T P321
Testing a Neural Activity Triggered Device for Stroke Rehabilitation
Jie Song, Leo Walton, Ricardo Pizarro, Svyatoslav Vergun, Veena Nair, Mitch Tyler, Justin Sattin, Dorothy Farrar-Edwards, Justin Williams, Vivek Prabhaparaskar, UW-Madison, Madison, WI

Poster Board Number P322 / Presentation Number T P322
Towards Better Screening for Post Stroke Depression
Alyssa J Herzig, Concordia Univ, Montreal, QC, Canada; Nancy Mayo, McGill Univ, Montreal, QC, Canada; Syd Miller, Concordia Univ, Montreal, QC, Canada

Poster Board Number P323 / Presentation Number T P323
Does Serum Level of Sex Hormones Before Rehabilitation Predict Functional Recovery in Elderly Post-stroke Patients?
Ryo Momosaki, Masahiro Abo, Wataru Kakuda, Jikei Univ Sch of Med, Tokyo, Japan

Nursing Posters II

Poster Board Number P324 / Presentation Number T P324
Testing the Effect of a Healthy Workplace Program for Workers with Metabolic Syndrome Using an e-Health Care System: A Pilot Study
JONG-EUN LEE, Catholic Univ of Korea, Coll of Nursing, Seoul, Korea, Republic of; Seo-Ra Park, Catholic Univ of Korea, Seoul, Korea, Republic of

Poster Board Number P326 / Presentation Number T P326
Incremental Cost of an Individualized Telephone Intervention for Stroke Caregivers
Gwendolyn C Morrison, Indiana Univ Purdue Univ Indianapolis, Dept of Economics, Indianapolis, IN; Nenette Jessup, Indiana Univ Sch of Nursing, Indianapolis, IN; Tamilyn Bakas, Indiana Univ Sch of Nursing, Westfield, IN
Poster Board Number P327 / Presentation Number T327
Are We Really That Noncompliant? Identifying Barriers to Documenting Patient Education
Ann M Leonhardt, Heather L Finley, Curtis G Benesch, Univ of Rochester, Rochester, NY

Poster Board Number P328 / Presentation Number T328
Video Instruction Increases Accuracy in Performance of Nurse Dysphagia Screening
Charles Reed, Debra Fraley, Johanna Sharp, Albert Hernandez, Jason Proulx, Ana Carolina Kattan, Heather Williams, Regina L Wilson, Univ Health System, San Antonio, TX

Poster Board Number P329 / Presentation Number T329
Patient Transfer Check Off Decreases Fall Rate on Stroke Unit
Susan Ashcraft, Linda Coon, Cindy Bussey, Jamie Cargal, Ashley Allred, Cone Health, Greensboro, NC

Poster Board Number P330 / Presentation Number T330
TIA A Shorter Stay
Laurie Paletz, Nili Steiner, Betty Robertson, Nicole Wolber, Shilee Song, Naty Armstrong, Patrick Lyden, CEDARS SINAI MED CTR, Los Angeles, CA

Poster Board Number P331 / Presentation Number T331
Inpatient Stroke Codes: 2 Step Response Team
Deborah L Bergman, Mark J Alberts, Richard Bernstein, Northwestern Memorial Hosp, Chicago, IL; Emergency Response Quality Committee

Poster Board Number P332 / Presentation Number T332
Utilizing a Neuro Intermediate Unit in Caring for Post-Thrombolysis Stroke Patients
Leah C Ramos, Cynthia Steffen, Sarah Gay, Julio Chalela, Medical Univ of South Carolina, Charleston, SC

Poster Board Number P333 / Presentation Number T333
Stroke Survivors and Family Perspectives of Risk/benefit: Developing Resolve (Rapid Evaluation For Stroke Outcomes using Lytics In Vascular Event)
Carole Decker, John A Spertus, Mid America Heart Inst, Kansas City, MO; Eric Cheng, VA - UCLA, Los Angeles, CA; Elizabeth Gialde, Emily Chhatriwalla, Debbie Summers, Mid America Heart Inst, Kansas City, MO; Miriam Ayad, Jeff Saver, Univ of California, Los Angeles, Los Angeles, CA; Marilyn Rymer, Saint Luke’s Hosp, Kansas City, MO

Poster Board Number P334 / Presentation Number T334
Implementing an Early Mobility Protocol on a Stroke Unit
Leslie Sawyer, Donna Boyd, Ashley McBride, Deborah Walker, Lisa Yanase, Providence Brain and Spine Inst, Portland, OR

Poster Board Number P335 / Presentation Number T335
Cohorting Patients From Door to Discharge Impact on Improved Patient Outcomes
Kathleen Muller, Robin D’Ambrosio, Marcia Gray, St Mary Medical Ctr, Langhorne, PA

Poster Board Number P336 / Presentation Number T336
Sustaining Excellence in Alteplase Administration in the Emergency Department: Staying Lean
Jennifer Williams, Barnes-Jewish Hosp, St Louis, MO; Peter Panagos, Washington Univ, St Louis, MO; Craig McCammon, Barnes-Jewish Hosp, St Louis, MO; Andria Ford, Laura Heitsch, David Tan, Naim Khoury, Washington Univ, St Louis, MO
Feasibility of Cognitive Testing in Patients with Acute Ischemic Stroke
Susan Alderman, Farhaan Vahidy, Andrew Bursaw, Sean Savitz, Univ of Texas, Medical Sch, Houston, TX

Process Improvement Retrospective Review: Hyperglycemia Treatment after Stroke and Subsequent Hypoglycemia
Kimberly van Groos, Harborview Medical Ctr, Seattle, WA

Stroke Severity Scoring: A Bi-variate Analysis of Clinical Outcomes Post Intravenous t-PA as a Guide to Influence Potential Change in Clinical Practice
Zia ur Rehman, Mark A Mazer, East Carolina Univ, Greenville, NC; Susan D Freeman, Cristine W Small, Vidant Medical Ctr, Greenville, NC; Abid Butt, East Carolina Univ, Greenville, NC

Nursing Impact on the Acute Stroke Team - Driving Practice in a Collaborative Environment
Lauri Speirs, Banner Baywood Medical Ctr, Mesa, AZ

Utilization of Minimally Invasive Hemodynamic Monitoring via Arterial Line Provides Accurate Data in Which to Treat Cerebral Vasospasm in the Subarachnoid Hemorrhage Population
Melissa D Hawk, Kimberly O’Day, Riverside Methodist Hosp, Columbus, OH

In-hospital Stroke: Patterns of Care, Clinical Characteristics and Outcomes
Monique B Alves Jr, Michele Jaures, Paula S Nogueira, Renata C Miranda, Claudia R Laselva, Fernando M Coelho, Gisele S Silva, Hosp Israelita Albert Einstein, São Paulo, Brazil

Does Stroke Education Including Post Discharge Telephone Support Improve Stroke Recognition and Need to Call 911?
Kimberly A Ballard, Summa Health System, Akron, OH; Kelly Carmany, Kent State Univ, Kent, OH; Sue Hazelett, Summa Health System, Akron, OH

Improving Door to Drug Times for Ischemic Stroke Patients Using a Team Approach
Denise Sorenson, Alyson Flood, Presbyterian Hosp, Charlotte, NC

Hospital System Collaborative has Positive Impact on Door to Needle Times
Deb Motz, Tracy Moore, Douglas Miesen, Dicky Huey, Byron Freemyer, Gina Grnach, Tommye Austin, Baptist Health System, San Antonio, TX

Improving Performance in Target Time Compliance for Acute Stroke Using Structured Feedback to Providers
Susan M Asai, Tina Robertson, Matthew A Koenig, Kazuma Nakagawa, Cherylee W Chang, The Queen’s Medical Ctr, Honolulu, HI

Cryptogenic Stroke and Paroxysmal Atrial Fibrillation: Criteria for Long Term Cardiac Monitoring
Karen Yarbrough, Joyce Matthews, UMMC, Baltimore, MD
Advanced Practice Registered Nurses Provide Cost-effective, Quality Stroke Care
Brenda Jones, Katherine Taylor, Joyce Dorssom, Saint Luke’s Hosp of Kansas City, Kansas City, MO

Protecting Stroke Patients from Aspiration and Mortality through a Bedside Aspiration Screen
Edith Matesic, UCLA Medical Ctr, Santa Monica, Santa Monica, CA

A Collaborative Approach to Emergency Medical Service Stroke Training
Theresa M Price, Spectrum Health Hosp, Grand Rapids, MI; Eileen Worden, Michigan Dept of Community Health, Lansing, MI; Marylou Mitchell, Sparrow Hosp, Lansing, MI; Karen Bergman, Jaime Zinmaster, Bronson Hosp, Kalamazoo, MI; Teri Connors, Allegiance Health Hosp, Jackson, MI; Kerri Chernauckas, Covenant Hosp, Saginaw, MI; Andrea Godfrey, Lakeland Hosp, Saint Joseph, MI; Kathleen Glaza, Munson Hosp, Traverse City, MI; Debbie Lull, Lakeland Hosp, Saint Joseph, MI

US National Survey on Stroke Center Coordination: Time for Role Standardization?
Fern Cudlip, Eden Medical Ctr, Castro Valley, CA; Victoria Swatzell, Scottsdale Healthcare, Scottsdale, AZ; Andrei V Alexandrov, Univ of Alabama at Birmingham, Comprehensive Stroke Ctr, Birmingham, AL; Anne W Alexandrov, Univ of Alabama at Birmingham, Comprehensive Stroke Ctr & Sch of Nursing, Birmingham, AL

Use of Telestroke in a Metropolitan Stroke Code Process
Amy Castle, Lana Stein, Sandra Hanson, Charles Ormiston, Karen Porth, HealthEast St Joseph’s Hosp, St Paul, MN

Inpatient Code Stroke Team Improves IV-tPA Treatment Rates and Decreases Time to IV-tPA
Mary E Rucho, UMassMemorial Hosp-Univ Campus, Worcester, MA

Supporting and Sustaining Systems Change Through the Development of Common Standards of Stroke Care
Sylvia Quant, North & East GTA Stroke Network, Toronto, ON, Canada; Jocelyne McKellar, Toronto West Stroke Network, Toronto, ON, Canada; Donna Cheung, South East Toronto Stroke Network, Toronto, ON, Canada; Elizabeth Linkewich, North & East GTA Stroke Network, Toronto, ON, Canada

Three Tales: Intravenous Tissue Plasminogen Activator Treatment of Acute Ischemic Stroke in Patients with Compressible Procedure Sites
Suzanne L O’Brien, Brenda S Buckle, Sunita Tummala, McLaren - Flint, Flint, MI

Top Reasons Why IV r-tPA Not Given in Wisconsin Rural and Primary Stroke Center Hospitals
Sue Fuhrman, Waukesha Memorial Hosp - ProHealth Care, Waukesha, WI; Jeannie Pittenger, Sacred Heart Hosp, Eau Claire, WI; Anne Hansen, Froedtert Hosp, Milwaukee, WI; Kathy Polum, Bellin Health, Green Bay, WI; Kathryn Miller, Wisconsin Office of Rural Health, Madison, WI; Katie Watkins, Michelle Gardner, American Heart Association, Milwaukee, WI
Creation and Utilization of Stroke Teaching Tool Increases Compliance of Stroke Patient Education
Maris Toporowski, Abington Memorial Hosp, Abington, PA

One Patient, One Standard, One Medical Record: Improving Documentation of t-PA Therapy across the Care Continuum
Jeanne Long, Ruth Bailey, Reading Hosp and Medical Ctr, Reading, PA

Starting a Stroke Post-Discharge Clinic on a Shoestring Budget
Trish Westbrook, Northeast Georgia Med Ctr, Gainesville, GA

Clinical Integration of Stroke Services to Improve Access to Quality Stroke Care in Waterloo/Wellington Local Health Integration Network
Tammy Tebbutt, Patti E Leonard, Grand River Hosp, Kitchener, ON, Canada

A Team Approach for Improving Door to Needle Time for IV t-PA in Acute Stroke
Nili E Steiner, Nicole Wolber, Betty Robertson, Paula Rosenfield, Laurie Paletz, Cedars-Sinai Medical Ctr, Los Angeles, CA

Action Plan Improves Order Set Use Compliance
Deb Motz, Tracy Moore, Dicky Huey, Catrina Ireland, Tommye Austin, Baptist Health System, San Antonio, TX

Importance of Collaboration of Hospital Leaders in Implementing Stroke Best Practice Across 17 Organizations
Elizabeth Linkewich, North & East GTA Stroke Network, Toronto, ON, Canada; Jacqueline Willemse, South East Toronto Stroke Network, Toronto, ON, Canada; Shelley Sharp, Toronto West Stroke Network, Toronto, ON, Canada; Charissa Levy, GTA Rehab Network, Toronto, ON, Canada; Mark Bayley, Univ Hosp Network: Toronto Rehab, Toronto, ON, Canada

Think Big: Weekly Stroke Education for Registered Nurses on the Stroke Unit
Betty Robertson, Cedars Sinai Medical Ctr, Los Angeles, CA

Implementation of an Interdisciplinary Code Stroke Protocol to Facilitate Consistent Evidence Based Assessment and Treatment of Stroke Patients

Enhancing Patient Safety with Improved Monitoring following Cerebral Angiography
Rose M Donnelly, Jo-ann Burns, Barnes-Jewish Hosp, Saint Louis, MO

Blood Pressure Dynamics During Long Sitting Position in Acute Ischemic Stroke Patients: Prevalence of Orthostatic Hypotension
Kaori Sasaki, Mika Kaneyuki, Miho Fuji, Akiko Ota, Taisei Ota, Brain Attack Ctr Ota Memorial Hosp, Fukuyama, Japan; Masakazu Nishigaki, Graduate Sch of Med, Univ of Tokyo, Tokyo, Japan
Tai Chi and SilverSneakers®; Interventions Improve Aerobic Endurance in Older Stroke Survivors

Ruth E Taylor-Piliae, Joseph T Hepworth, L Daniel Latt, Bruce M Coull, Univ of Arizona, Tucson, AZ

Does Symptom Onset to Primary Stroke Center Time Points Affect Stroke Outcome?

Bryant H Chee, Rema Raman, Karen Ernstorn, Amy Guzik, Thomas Hemmen, Brett C Meyer, Dawn Meyer, Univ of California, San Diego, San Diego, CA

Stroke Patients Transported to a Primary Stroke Center More Likely to Receive Intravenous Tissue Plasminogen Activator


Classification of sICH in Stroke Center Hospitals: Reliability in Question

Victoria Swatzell, Scottsdale Healthcare, Scottsdale, AZ; Fern Cudlip, Eden Medical Ctr, Castro Valley, CA; Andrei V Alexandrov, Univ of Alabama at Birmingham, Comprehensive Stroke Ctr, Birmingham, AL; Anne W Alexandrov, Univ of Alabama at Birmingham, Comprehensive Stroke Ctr & Sch of Nursing, Birmingham, AL

Data Linkage is Effective for Improving the Available Data for Stroke: An Example from the Australian Stroke Clinical Registry

Monique F Kilkenny, Translational Public Health Unit, Stroke and Ageing Res Ctr, Southern Clinical Sch, Monash Univ, Melbourne, Australia; Helen M Dewey, Dept of Neurology, Austin Hosp, Melbourne, Australia; Natasha A Lannin, La Trobe Univ, Melbourne, Australia; Vijaya Sundararajan, Dept of Med, Southern Clinical Sch, Monash Univ, Melbourne, Australia; Joyce Lim, Craig Anderson, The George Inst for Global Health, Sydney, Australia; Geoffrey A Donnan, The Florey Inst for Neuroscience and Mental Health, Melbourne, Australia; AuSCR Management Committee; Dominique A Cadihac, Stroke Div, The Florey Inst for Neuroscience and Mental Health, Melbourne, Australia

Delivering Comprehensive Stroke Services can be Financially Beneficial to a Community Hospital

Patricia Santos, Debbie Roper, Anita Guthmann, Jeff Coulson, Mark Whitley, Vallabh Janardhan, Texas Stroke Inst, Irving, TX

Effect of Organized Stroke Education Program of Stroke Unit for Acute Stroke Patients to Increase Medication Compliance after Discharge

Hee Seon Yu, Hyeson Jeong, Nayoung Yoon, Hee-Jung Song, Jei Kim, Chun-gnam Natl Univ hospital, Daejeon, Korea, Republic of

Advance Care Planning in Stroke

Francine V Arneson, Christopher Lee, Howard Kirshner, Vanderbilt Univ, Nashville, TN
Poster Board Number P378 / Presentation Number T P378
Statin Use among Patients with Intracerebral Hemorrhage in the Paul Coverdell National Acute Stroke Registry
Mary G George, Xin Tong, CDC, Atlanta, GA

Poster Board Number P379 / Presentation Number T P379
The Relation Between Destination on Hospital Discharge and Final 3 Month Disability Outcome in Acute Ischemic Stroke
Qihui Zhang, Dept of Neurology, Beijing Univ of Chinese Traditional Med subsidiary Dongfang Hosp, Beijing, China; Jeffrey L Saver, Stroke Ctr and Dept of Neurology, David Geffen Sch of Med at the Univ of California, Los Angeles, Los Angeles, CA

Poster Board Number P380 / Presentation Number T P380
Increasing the Sample Size in the Secondary Prevention of Small Subcortical Strokes (SPS3) Trial: What Did We Gain?
Leslie A McClure, Jeff M Szzychowksi, Univ of Alabama at Birmingham, Birmingham, AL; Oscar Benavente, Univ of British Columbia, Vancouver, BC, Canada; Robert G Hart, McMaster Univ, Hamilton, ON, Canada; Christopher S Coffey, Univ of Iowa, Iowa City, IA

Poster Board Number P381 / Presentation Number T P381
Stroke Morbidity and Mortality In Patients With a History of Psychosis- An Observational Study of 158478 Stroke Cases in The National Swedish Riks-Stroke Cohort
Karin M Henriksson, Dept of Medical Sciences, Uppsala, Sweden; Mauricio Malfer, Uppsala Clinical Res Ctr, Uppsala, Sweden; Eva Mathilda Bergman, Andreas Terent, Signild Aasberg, Dept of Medical Sciences, Uppsala, Sweden

Poster Board Number P382 / Presentation Number T P382
A Bayesian Network for Reasoning on Acute Ischemic Stroke Intervention
Corey W Arnold, Alexa Love, UCLA, Los Angeles, CA; Suzie El-Saden, VA Greater Los Angeles, Los Angeles, CA; David S Liebeskind, Lewellyn Andrad, Jeffery Saver, Alex A Bui, UCLA, Los Angeles, CA

Poster Board Number P383 / Presentation Number T P383
Use of Oral Anticoagulants in FAST-MAG Patients
Samantha B Cherin, Randy Sanoff, Fiona Chatfield, UCLA, Los Angeles, CA; Nerses Sanossian, USC, Los Angeles, CA; Scott Hamilton, Stanford, Palo Alto, CA; Marc Eckstein, UCLA, Los Angeles Fire Dept, Los Angeles, CA; Frank Pratt, Los Angeles County Fire, Los Angeles, CA; Sam Stratton, Orange County EMS Agency, Santa Ana, CA; David Liebeskind, Doojin Kim, Lucas Restrepo, Latisht Ali, Miguel Valdes-Suerias, UCLA, Los Angeles, CA; May Kim, USC, Los Angeles, CA; Bruce Obviagele, UCLA, Los Angeles, CA; Robin Conwit, NIH-NINDS, Bethesda, MD; Sidney Starkman, Jeffrey Saver, UCLA, Los Angeles, CA; for the FAST-MAG Investigators and Coordinators

Poster Board Number P384 / Presentation Number T P384
Recovery Trajectories in Acute Non-fatal Stroke
Lucy Busija, Danny Liew, The Univ of Melbourne, Melbourne, Australia; Bernard Yan, Louise Weir, Peter Hand, Melbourne Health, Melbourne, Australia; Stephen M Davis, The Univ of Melbourne, Melbourne, Australia

Poster Board Number P385 / Presentation Number T P385
Diastolic Function of Heart and Outcomes After Ischemic Stroke
Wi-Sun Ryu, Chi Kyung Kim, Mi-Young Oh, Chang-Heon Kim, Min-Jeong Kim, Seung-Hoon Lee, Byung-Woo Yoon, Seoul Nati Univ Hosp, Seoul, Korea, Republic of

Poster Board Number P386 / Presentation Number T P386
Prompt Preventive Treatment of TIA Could Reduce the Need for Weekend Service
Oazi Talat Anjum, Lynne Dacey, Mushtaq Wani, Morriston Hosp, Swansea, Swansea, United Kingdom
Poster Board Number P387 / Presentation Number T P387
Abcd2 Score Predicts the Long-term Risk of Stroke After Transient Ischemic Attack: Fukuoka Stroke Registry
Yasuhiro Kumai, Depts of Cerebrovascular Disease and Neurology, Haku- jyuji Hosp, Fukuoka, Japan; Takuya Kiyohara, Masahiro Kamouchi, Dept of Med and Clinical Science, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan; Sohei Yoshimura, Stroke Ctr, Fukuoka Red Cross Hosp, Fukuoka, Japan; Hiroshi Sugimori, Emergency and critical care center, Kyushu Univ Hosp, Fukuoka, Japan; Tetsuro Ago, Dept of Med and Clinical Science, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan; Yoshihiro Shoji, Eiichi Ishikawa, Naohiko Santa, Katsumi Irie, Depts of Cerebrovascular Disease and Neurology, Hakujyuji Hosp, Fukuoka, Japan; Takanari Kitazono, Dept of Med and Clinical Science, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan

Poster Board Number P388 / Presentation Number T P388
Timing of Diagnosis of Atrial Fibrillation Relative to Ischemic Stroke and Transient Ischemic Attack
Daniel Wiederkehr, Jack Mardekian, Pfizer Inc, New York, NY; Flavia Dietrich, William Petkun, Bristol-Myers Squibb, Plainsboro, NJ; Wilson Tan, Nilo Cater, Pfizer Inc, New York, NY

Poster Board Number P389 / Presentation Number T P389
Impact of Macroeconomic Status on Pre-hospital Management, In-hospital Care and functional Outcome after Acute Stroke
Ruijun Ji, TianTan Comprehensive Stroke Ctr, TianTan Hosp, Capital Medical Univ, Beijing, China; David Wang, Illinois Neurological Inst, Peoria, IL, US, Chicago, IL; Gaifen Liu, TianTan Comprehensive Stroke Ctr, TianTan Hosp, Capital Medical Univ, Beijing, China; Haipeng Shen, Dept of Statistics and Operation Res, Univ of north Carolina, Chapel Hill, NC, US, Chapel Hill, NC; Yilong Wang, Li Hao, TianTan Comprehensive Stroke Ctr, TianTan Hosp, Capital Medical Univ, Beijing, China; Lee H Schwamm, Dept of Neurology, Massachusetts General Hosp, Boston, MA, US, Boston, MA; Yongjun Wang, TianTan Comprehensive Stroke Ctr, TianTan Hosp, Capital Medical Univ, Beijing, China

Poster Board Number P390 / Presentation Number T P390
Ethnic and Regional Disparities in Access to Endovascular Embolectomy for Acute Ischemic Stroke
Frank Attenello, Peter Adamczyk, Ge Wen, Shuhan He, Jonathan Russin, Nerses Sanossian, Arun P Amar, William J Mack, Univ of Southern California, Los Angeles, CA

Poster Board Number P391 / Presentation Number T P391
Predictors of Discharge Location and Long-Term Living Destination Following Acute Care Hospitalization for Intracerebral Hemorrhage: The DECIPHER Study
Laura German, Georgetown Univ Medical Ctr, Washington, DC; Dorothy F Edwards, Univ of Wisconsin, Madison, WI; Ravi S Menon, Georgetown Univ Medical Ctr, Washington, DC; Stephen Fernandez, Nawar Shara, Medstar Health Res Inst, Hyattsville, MD; M Christopher Gibbons, Johns Hopkins Univ, Baltimore, MD; Anna Trouth, Howard Univ, Washington, DC; Chelsea S Kidwell, Georgetown Univ Medical Ctr, Washington, DC; Bernadette Boden-Albala, Mount Sinai Sch of Med, New York, NY

Poster Board Number P392 / Presentation Number T P392
Temporal Trends in Practice Patterns for Acute Ischemic Stroke Workup: A Population-Based Study
Matthew C Loftspring, Jane C Khoury, Kathleen A Alwell, Charles J Moomaw, Dawn O Kleinforfer, Matthew L Flaherty, Daniel Woo, Opeolu Adeoye, Simona Ferioli, Brett M Kissela, Joseph P Broderick, Pooja Khatri, Univ of Cincinnati, Cincinnati, OH
Cardiac Resynchronization Therapy-Defibrillator (CRT-D) is Associated with Attenuated Risk for Ischemic Stroke (IS) and All cause Death in Systolic Heart Failure (SHF) Patients with Atrial Fibrillation (AF)
Ravinder R Valadri, Emir Veledar, Emory Univ Sch of Med, Atlanta, GA; Anekwe Onwuanyi, Elizabeth Offili, Morehouse Sch of Med, Atlanta, GA; Samuel Dudley, Univ of Illinois Sch of Med, Chicago, IL; Javed Butler, David De Lurgio, Emory Univ Sch of Med, Atlanta, GA

Who Does It Better? Stroke Outcomes for Comprehensive versus Primary versus Stroke Support Facilities
Joan Censullo, David Chiu, The Methodist Hosp, Houston, TX

Transition Coaching for Stroke (TRACS): Assessing Health Literacy and Readmissions
Cheryl Bushnell, Charlotte Myers, Brian Fidal, Elizabeth Sides, Sureerat Suwatcharangkoon, Pamela Duncan, Wake Forest Sch of Med, Winston Salem, NC

Does Implementation of Enhanced Data Quality Assurance Procedures Improve Data Quality in Stroke Registries? Experience from the University of Texas Houston Stroke Registry
Mohammad H Rahbar, Nicole R Gonzales, Manouchehr Ardjomand-Hessabi, Amirali Tahanan, Melvin R Sline, Hui Peng, Renganayaki Pandurengan, Farhaan S Vahidy, Jessica D Tanksley, Ayodeji A Delano, Rene M Malazarte, Sean I Savitz, James C Grotta, Univ of Texas Health Science Ctr at Houston, Houston, TX

Validation of a Pneumonia Score in Acute Stroke
Sara K Schepp, Kyra J Becker, WT Longstreth Jr, David L Tirschwell, Univ of Washington, Seattle, WA

Stroke Prevention Opportunities Being Missed: The Australian Stroke Clinical Registry Experience
Monique Kilkenny, Translational Public Health Unit, Stroke and Ageing Res Ctr, Southern Clinical Sch, Monash Univ, Melbourne, Australia; Helen Dewey, Dept of Neurology, Austin Hosp, Melbourne, Australia; Natasha Lannin, La Trobe Univ, Melbourne, Australia; Joyce Lim, Craig Anderson, The George Inst for Global Health, Sydney, Australia; Geoffrey A Donnan, The Florey Inst of Neuroscience and Mental Health, Melbourne, Australia; AuSCR Management Committee; Dominique Cadilhac, Stroke Div, The Florey Inst of Neuroscience and Mental Health, Melbourne, Australia

Incremental Healthcare Burden Associated with Dyspepsia Among Nonvalvular Atrial Fibrillation Patients: Implications for Anticoagulation Therapy
Michael H Kim, Cardiovascular Inst, Rhode Island and Miriam Hosp, Providence, RI; Kelly F Bell, Dinara Makenbaeva, Bristol-Myers Squibb, Plainsboro, NJ; Daniel Daniel Wiederkehr, Pfizer, New York City, NY; Jay Lin, Novosys Health, Flemington, NJ; John Graham, Bristol-Myers Squibb, Plainsboro, NJ

Racial Differences in the Recovery from Ischemic Stroke after tPA
Pratik Bhattacharya, Seemant Chaturvedi, Wayne State Univ, Detroit, MI
Inflated Expectations about Stem Cell Therapy in Patients With Chronic Stroke

TIA Evaluation - Is Hospitalization Really Necessary?
Mohamed A Sheta, Shirley S Hwang, Michael Y Hwang, Florence Armour, Neil R Holland, Monmouth Medical Ctr, Long Branch, NJ

Presence of Severe Aphasia Reduces Benefit From Thrombolytic Therapy
Joanna Stolzenburg, Christian Hametner, Werner Hacke, Peter A Ringleb, Univ of Heidelberg, Heidelberg, Germany

Applying ARISTOTLE Trial to Actual Practice
Alpesh Amin, Univ of California, Irvine, CA; Michael Stokes, United BioSource Corp, Dorval, QC, Canada; Ning Wu, Elyse Gatt, United BioSource Corp, Lexington, MA; Dinara Makenbaeva, Bristol-Myers Squibb, Princeton, NJ; Daniel Wiederkehr, Pfizer, New York City, NY; Luke Boulanger, United BioSource Corp, Lexington, MA

Impact of Warfarin Pharmacogenomics in the Time in Therapeutic Range in Korean Patients With Atrial Fibrillation
Jae Ha Kim, Yun Kyung Park, Suk Jae Kim, SooKyung Ryoo, Yeon Soo Ha, Dept of Neurology, Samsung Medical Ctr, Sungkyunkwan Univ Sch of Med, Seoul, Korea, Republic of; Jin Soo Lee, Dept of Neurology, Ajou Univ Sch of Med, Seoul, Korea, Republic of; Rae Woong Park, Biomedical Informatics, Ajou Univ Sch of Med, Suwon, Korea, Republic of; Ho Young Park, Dept of Neurosurgery, Samsung Medical Ctr, Sungkyunkwan Univ Sch of Med, Seoul, Korea, Republic of; Ji Hyun Lee, Clinical Res Ctr, Samsung Biomedical Res Inst, Seoul, Korea, Republic of; Soo-Youn Lee, Lab Med and Genetics, and Clinical Pharmacology and Therapeutics, Samsung Medical Ctr, Sungkyunkwan Univ Sch of Med, Seoul, Korea, Republic of; Oh Young Bang, Dept of Neurology, Samsung Medical Ctr, Sungkyunkwan Univ Sch of Med, Seoul, Korea, Republic of

Can Discharge Rankin be Used as a Surrogate for 30-day Functional Outcomes?
Irene L Katzan, Cleveland Clinic and MetroHealth Medical Ctr, Cleveland, OH; Alice M Liskay, Siobhan Martin, Charles Thomas, Thomas E Love, Nancy Konrad, MetroHealth Medical Ctr, Cleveland, OH; Ohio Coverdell Investigators

Impact of Warfarin Pharmacogenomics in the Time in Therapeutic Range in Korean Patients With Atrial Fibrillation
Jae Ha Kim, Yun Kyung Park, Suk Jae Kim, SooKyung Ryoo, Yeon Soo Ha, Dept of Neurology, Samsung Medical Ctr, Sungkyunkwan Univ Sch of Med, Seoul, Korea, Republic of; Jin Soo Lee, Dept of Neurology, Ajou Univ Sch of Med, Seoul, Korea, Republic of; Rae Woong Park, Biomedical Informatics, Ajou Univ Sch of Med, Suwon, Korea, Republic of; Ho Young Park, Dept of Neurosurgery, Samsung Medical Ctr, Sungkyunkwan Univ Sch of Med, Seoul, Korea, Republic of; Ji Hyun Lee, Clinical Res Ctr, Samsung Biomedical Res Inst, Seoul, Korea, Republic of; Soo-Youn Lee, Lab Med and Genetics, and Clinical Pharmacology and Therapeutics, Samsung Medical Ctr, Sungkyunkwan Univ Sch of Med, Seoul, Korea, Republic of; Oh Young Bang, Dept of Neurology, Samsung Medical Ctr, Sungkyunkwan Univ Sch of Med, Seoul, Korea, Republic of

Participant Satisfaction With a Lifestyle Management Program in the SAMMPRIS Clinical Trial
Tanya N Turan, MUSC Stroke Program, Charleston, SC; Michele F Caskey, Univ of South Carolina, Greenville, SC; Stephanie Helwig, Megan R Steiner, MUSC Stroke Program, Charleston, SC; Brenda S Wright, INTERxVENT Intl, Savannah, GA; Jean Montgomery, Emory Sch of Public Health, Atlanta, GA; Bethany Lane, Emory Univ, Atlanta, GA; Michael J Lynn, Emory Sch of Public Health, Atlanta, GA; Colin P Derdeyn, Washington Univ, St Louis, MO; David Fiorella, SUNY Stony Brook, Stony Brook, NY; Scott Janis, NINDS, Bethesda, MD; Marc I Chimowitz, MUSC Stroke Program, Charleston, SC; SAMMPRIS Investigators
Availability and Efficacy of Mobile Health Technology Targeting Patients: A Systematic Evidence-based Review
Abhishek Pandey, Catherine Lushbough, Andrew Truong, SUNY Downstate Medical Ctr, Brooklyn, NY; Amy Jensen, Miranda Bretz, Denise Henasey, Nati Stroke Association, Centennial, CO; Vanessa Armedo, Dee Burton, Cottidc Balucani, SUNY Downstate Medical Ctr, Brooklyn, NY; Marilyn Fraser-White, Ruth Browne, Arthur Ashe Inst for Urban Health, Brooklyn, NY; Michael Szarek, Steven R Levine, SUNY Downstate Medical Ctr, Brooklyn, NY; The Mobile Applications for Stroke (MAPPS) Investigators

Impact of Surgical Ligation of the Left Atrial Appendage at the Time of Cardiac Surgery: A Propensity-Matched Analysis of Post-Operative Complications, Stroke, and 30-Day Mortality in 1,204 Patients
Christopher K Johnson, Richard E Shaw, Ryan M O’Keefe, Valley-Columbia Heart Ctr, Ridgewood, NJ; Giovanni Ferrari, The Univ of Pennsylvania, Glenolden Ridgewood, PA; Juan B Grau, Valley-Columbia Heart Ctr, Ridgewood, NJ

Race/ethnicity Modifies Increased Recurrent Event Risk for Female Stroke Survivors
Emma K Benn, Kezhen Fei, Eric T Roberts, Leigh Quarles, Bernadette Boden-Albala, Mt Sinai Sch of Med, New York, NY

Preoperative Anemia a Significant Risk Factor for Postoperative Intracranial Hemorrhage in Active Infective Endocarditis
Daisuke Yoshioka, Koichi Toda, Shuhei Okazaki, Shigeru Miyagawa, Takashi Yamauchi, Hiroyuki Nishi, Yasushi Yoshikawa, Satsuki Fukushima, Tetsuya Saito, Yoshiki Sawa, Osaka Univ Graduate Sch of Med, Suita, Japan

Neurologic Severity and Functional Outcome are not Affected by Prestroke Antiplatelets Use in Patients with First-ever Ischemic Stroke
Tae-Won Kim, Si Baek Lee, Jaseong Koo, The Catholic Univ of Korea, Seoul, Korea, Republic of; Hyojin Mun, Stroke Ctr, Seoul St Mary Hosp, Seoul, Korea, Republic of; Jong-Moo Park, Kyuik Kang, Jiyeon Kim, Eulji General Hosp, Eulji Univ, Coll of Med, Seoul, Korea, Republic of

Monitoring of Clopidogrel-related Inhibition in Patients Presenting With Acute Cerebral Ischemia Following Generic Substitution of Clopidogrel for Cardiovascular Prevention
Georgios Tsvygoulis, Dept of Neurology, Democritus Univ of Thrace, Alexandroupolis, Greece; Anna Christoforidou, Dept of Haematology, Democritus Univ of Thrace, Alexandroupolis, Greece; Soultana Tsakaldimi, Maria Flamouridou, Athina Mitsoglou, Pavlos Dalos, Konstantinos Charalamopoulos, Soultana Boutzoni, Konstantinos Vadikolias, Ioannis Heliopoulos, Dept of Neurology, Democritus Univ of Thrace, Alexandroupolis, Greece; Andrei V Alexandrov, Comprehensive Stroke Ctr, Dept of Neurology, Univ of Alabama at Birmingham, Birmingham, AL; Charitomeni Piperidou, Dept of Neurology, Democritus Univ of Thrace, Alexandroupolis, Greece

Cerebral Infarction After Antithrombotics Withdrawal and Its Impact on Clinical Outcome
Keonjoo Lee, Jeong Min Kim, Keun-Hwa Jung, Jee-young Han, Jae-Kyu Roh, Seoul Natl Univ Hosp, Seoul, Korea, Republic of
Poster Board Number P415 / Presentation Number T P415
Implementation of a Secondary Stroke Prevention Program: Effect on Medication Adherence
Teresa Damush, Indiana Univ Sch of Med, VA Stroke QUERI Ctr, Indianapolis, IN; Laura Myers, Roudebush VAMC, Indianapolis, IN; Jane Anderson, Houston VAMC, Houston, TX; Zhengsheng Yu, Susan Olner, Indiana Univ Sch of Med, Dept of Biostatistics, Indianapolis, IN; Arlene Schmid, Indiana Univ, VA Stroke QUERI Ctr, Indianapolis, IN; Linda Williams, Indiana Univ Sch of Med, VA Stroke QUERI Ctr, Indianapolis, IN

Poster Board Number P416 / Presentation Number T P416
Effects of Pioglitazone in Patients With Abnormal Glucose Metabolism After Stroke the J-SPIRIT Study
Ryota Tanaka, Kazuo Yamashiro, Dept of Neurology, Juntendo Univ Sch of Med, Tokyo, Japan; Yasutaka Tanaka, Dept of Neurology, Juntendo Univ Urayasu Hosp, Chiba, Japan; Nobukazu Miyamoto, Dept of Neurology, Juntendo Univ Sch of Med, Tokyo, Japan; Yuji Ueno, Masao Watanabe, Dept of Neurology, Juntendo Univ Urayasu Hosp, Chiba, Japan; Yasuyuki Okuma, Dept of Neurology, Juntendo Univ Shizuoka Hosp, Shizuoka, Japan; Shinichiro Nakamura, Yoshiaki Furukawa, Dept of Neurology, Juntendo Univ Graduate Sch of Med, Tokyo, Japan; Hirotaka Watada, Dept of Med, Metabolism & Endocrinology, Juntendo Univ Sch of Med, Tokyo, Japan; Ryuzo Kawamori, Sportology Ctr, Juntendo Univ Graduate Sch of Med, Tokyo, Japan; Nobutaka Hattori, Dept of Neurology, Juntendo Univ Sch of Med, Tokyo, Japan; Takao Urabe, Dept of Neurology, Juntendo Univ Urayasu Hosp, Chiba, Japan

Poster Board Number P417 / Presentation Number T P417
Minimally-Invasive Video-Assisted Ligation of Left Atrial Appendage in Atrial Fibrillation: Stroke Prevention Strategy
Basel Ramlawi, Kareem Bedeir, Luis Garcia-Morales, John Volpi, Mahesh Ramchandani, Michael Reardon, Methodist DeBakey Heart & Vascular Ctr, Houston, TX

Poster Board Number P418 / Presentation Number T P418
Delayed Detection of Atrial Fibrillation After Ischemic Stroke or Transient Ischemic Attack
Maria Cristina Zurru, Laura Brescacin, Claudia Alonzo, Victor Villarroel, Gabriela Orzuza, Luis Camera, Gabriel Waisman, Edgardo Cristiano, Hosp Italiano, Buenos Aires, Argentina

Poster Board Number P419 / Presentation Number T P419
Worse Outcome After Intraoperative Re-Rupture in Subarachnoid Hemorrhage not Due to Increased Vasospasm
Sunil A Sheth, Michael T Lawton, Scott Andrew Josephson, Univ of California San Francisco, San Francisco, CA

Poster Board Number P420 / Presentation Number T P420
Sphingolipid Profile Changes in the Cerebrospinal Fluid of Subarachnoid Hemorrhage Patients
Fernando D Testai, Maureen Hillmann, Norma Castillo, Sepideh Amin-Hanjani, Irina Gorskhova, Evgeny Berdyshev, Univ of Illinois at Chicago, Chicago, IL; Glyn Dawson, Univ of Chicago, Chicago, IL

Poster Board Number P421 / Presentation Number T P421
Cerebral Blood Flow Dynamics and Head-of-Bed Changes in the Setting of Subarachnoid Hemorrhage
David K Kung, Univ of Iowa, Iowa City, IA; Nohra Chalouhi, Pascal M Jabbour, Aaron S Dumont, Thomas Jefferson Univ, Philadelphia, PA; H Richard Winn, Matthew A Howard, David Hasan, Univ of Iowa, Iowa City, IA
Prevalence and Outcome of Post-Admission Global Brain Edema in Patients with Subarachnoid Hemorrhage
Shahram Majidi, Adel El-Nashar, Nauman Tariq, Adnan I Qureshi, Zeenat Qureshi Stroke Res Ctr, Minneapolis, MN

Postoperative Hemodynamics is Different between Clipping and Coiling after Aneurismal Subarachnoid Hemorrhage - A Multicenter Prospective Cohort Study
Nobutaka Horie, Nagasaki Univ Sch of Med, Nagasaki, Japan; Mitsutoshi Iwaasa, Fukuoka Univ Sch of Med, Fukuoka, Japan; Eiji Isotani, Tokyo Women's Medical Univ Medical Ctr East, Tokyo, Japan; Shunsuke Ishizaka, Nagasaki Univ Sch of Med, Nagasaki, Japan; Tooru Inoue, Fukuoka Univ Sch of Med, Fukuoka, Japan; Izumi Nagata, Nagasaki Univ Sch of Med, Nagasaki, Japan

Timing of Deep Vein Thrombosis Formation After Aneurysmal Subarachnoid Hemorrhage
Conrad W Liang, Kimmy Su, Jesse J Liu, Aclan Dogan, Holly E Hinson, Oregon Health and Science Univ, Portland, OR

Comparison of Clinical Characteristics of Neurogenic Stunned Myocardium in Patients with Subarachnoid Hemorrhage and Acute Ischemic Stroke
Santosh B Murthy, Shreyansh Shah, Yousef Hannawi, Alexandros Georgiadis, Steriós Smirnákis, Eric Bershad, Jose Suarez, Chethan VenkataSubba Rao, Baylor Coll of Med, Houston, TX

Microsurgical and Endovascular Treatment of Ruptured Distal Anterior Cerebral Artery Aneurysms
Keun Young Park, Yoon Ho Lee, Natl Health Insurance Corp Ilsan Hosp, Goyang-si, Gyeonggi, Korea, Republic of; Yong Cheol Lim, Ajou Univ Coll of Med, Suwon-si, Gyeonggi, Korea, Republic of; Joonho Chung, Inha Univ Sch of Med and Hosp, Incheon, Korea, Republic of; Young Sub Kwon, Myongji Hosp, Goyang-si, Gyeonggi, Korea, Republic of; Yong Bae Kim, Byung Moon Kim, Dong Joon Kim, Jae Whan Lee, Jin Yang Joo, Seung Kon Huh, Dong Ik Kim, Kyu Chang Lee, YongSei Univ Coll of Med, Seoul, Korea, Republic of; Young Mok Park, Natl Health Insurance Corp Ilsan Hosp, Goyang-si, Gyeonggi, Korea, Republic of
**Poster Board Number P429 / Presentation Number T P429**

The Protective and Withdrawal Effects of Atorvastatin on Endothelial Barrier in Cerebral Ischemia and Reperfusion Injury

Hua Hong, Juan Juan He, Jin Wen Shang, Quan Huan Liao, Ming Xiao Zhou, the First Affiliated Hosp, Sun Yat-Sen Univ, Guangzhou, China; Xuan Hong Wang, the Second Affiliated Hosp, Sun Yat-Sen Univ, Guangzhou, China; Jing Jing Li, the First Affiliated Hosp, Sun Yat-Sen Univ, Guangzhou, China

**Poster Board Number P430 / Presentation Number T P430**

Plasma Proteomic Changes Persist in Long Term Follow-up of Patent Foramen Ovale Related Stroke Patients after PFO Closure

MingMing Ning, Mary Lopez, David A Sarracino, Kathleen Feeney, Molly Thayer, Mikaela Elia, Hailey Koop, David McMullin, Zareh Demirjan, Ignacio Inglessis-Azuaje, Scott Silverman, G William Dec, Eng H Lo, Ferdinando S Buonanno, Massachusetts General Hosp, Boston, MA

**Poster Board Number P431 / Presentation Number T P431**

Role of Aromatase in Cerebrovascular Endothelial Function in Female Mice

Kristen L Zuloaga, Wenri Zhang, Nabil J Alkayed, Oregon Health & Sciences Univ, Portland, OR

**Poster Board Number P432 / Presentation Number T P432**

Glyco-proteomic Study of Therapeutic Hypothermia in Global Ischemic Brain Injury Post Cardiac Arrest

MingMing Ning, Jing Cao, Ferdinando S Buonanno, Kathleen Feeney, Mikaela G Elia, David McMullin, Shu-Zhen Guo, Ken Arai, Eng H Lo, Massachusetts General Hosp, Boston, MA

**Poster Board Number P433 / Presentation Number T P433**

Free Leptin and Soluble Leptin Receptor: Novel Circulating Markers of Carotid Plaque - Related Symptomatology and Potential Role in Plaque Stability (from The Opal-lille Carotid Endarterectomy Study)

Ahmed Elkalioubie, Christophe Zawadzki, Charlotte Lavisse, Univ Lille Nord de France, UDSL, IFR 114, EA 2693, Faculté de Médecine, Lille, France, Lille, France; Giulia Chinetti-Gbaguidi, Univ Lille Nord de France, UDSL, INSERM U1011, Inst Pasteur de Lille, Lille, France, Lille, France; Madjid Tagzirt, Delphine Corseaux, Francis Juthier, Bertrand Vaast, Univ Lille Nord de France, UDSL, IFR 14, EA 2693, Faculté de Médecine, Lille, France, Lille, France; Jonathan Vanhoutte, Univ Lille Nord de France, UDSL, INSERM U1011, Inst Pasteur de Lille, Lille, France, Lille, France; Sophie Susen, Eric Van Belle, Annabelle Dupont, Univ Lille Nord de France, UDSL, IFR 114, EA 2693, Faculté de Médecine, Lille, France, Lille, France

**Poster Board Number P434 / Presentation Number T P434**

Regulation of BK Channel γ1 Subunit Expression by Muscle Ring Finger-1 Protein in Diabetic Vessels

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**Poster Board Number P435 / Presentation Number T P435**

Junctional Adhesion Molecule-a Deficiency Attenuates Leukocytes Trafficking and Inflammation in Brain Ischemic/reperfusion Injury

Anuska V Andjelkovic, Nikola S Ladojevic, Svetlana M Stamatovic, Richard F Keep, Univ of Michigan, Ann Arbor, MI
Poster Board Number P436 / Presentation Number T P436
Dysfunctional Cerebral Neovascularization and Remodeling Patterns in Obese and Lean Models of Type 2 Diabetes
Roshini Prakash, UGA, Augusta, GA; Maribeth Johnson, GHSU, Augusta, GA; Susan C Fagan, UGA, Augusta, GA; Adviye Ergul, UGA, GHSU, Augusta, GA

Poster Board Number P437 / Presentation Number T P437
Induced Pluripotent Stem Cells Attenuate Brain Ischemia/reperfusion Injury Via Mir-221- And Mir-320-dependent Mechanisms
Qiuju Liang, Dan Meng, Lili Le, Ning Li, Xinhong Wang, Jing Quan, Meng Xiang, Fudan Univ, Shanghai, China; Alex F Chen, Univ of Pittsburgh Sch of Med, Pittsburgh, PA; Sifeng Chen, Fudan Univ, Shanghai, China

Poster Board Number P438 / Presentation Number T P438
Reaction Time in Acute Stroke Predicts Long-Term Quality of Life
Toby Cumming, Florey Inst of Neuroscience and Mental Health, Melbourne, Australia; Thomas Linden, Gothenburg Univ, Gothenburg, Sweden; Amy Brodtmann, David Darby, Julie Bernhardt, Florey Inst of Neuroscience and Mental Health, Melbourne, Australia

Poster Board Number P439 / Presentation Number T P439
Temporary Cognitive Impairment in Transient Ischemic Attack and Minor Stroke Patients is Predicted by Chronic White Matter Hyperintensity Volume
Leka Sivakumar, Thomas Jeerakathil, Univ of Alberta, Edmonton, AB, Canada; Negar Asdaghi, Univ of British Columbia, Vancouver, BC, Canada; Richard Camicioli, Christian Beaulieu, Derek Emery, Ken Butcher, Univ of Alberta, Edmonton, AB, Canada

Poster Board Number P440 / Presentation Number T P440
The Discriminant Validity of the NINDS-CSN Harmonization Neurocognitive Battery in Detecting VCI in Singaporean Patients with Ischemic Stroke and TIA
Yanhong Dong, Dept of Pharmacology, Natl Univ Health System, Singapore, Singapore; Melissa J Slavin, Sch of Psychiatry, the Univ of New South Wales, Sydney, Australia; Narayanawamy Venketasubramanian, Natl Univ Health System, Singapore, Singapore; Anqi Qiu, Div of Bioengineering, Faculty of Engineering, Natl Univ of Singapore, Singapore, Singapore; Perminder Sachdev, Sch of Psychiatry, the Univ of New South Wales, Sydney, Australia; Simon L Collinson, Dept of Psychology, Natl Univ of Singapore, Singapore, Singapore; Christopher Chen, Dept of Pharmacology, Natl Univ Health System, Singapore, Singapore

Poster Board Number P441 / Presentation Number T P441
Neurovascular Coupling is Impaired in Cerebral Amyloid Angiopathy
Stefano Peca, Cheryll R McCready, Kimberly Donaldson, Karla Sanchez, Anna Charlton, Neelan Pillay, Marc Poulin, Richard Frayne, Brad Goodyear, Eric E Smith, Univ of Calgary, Calgary, AB, Canada

Poster Board Number P442 / Presentation Number T P442
Baseline Cognitive Impairment and Associated Risk Factors in Patients with Intracranial Stenosis in the SAMMPRIS Trial
Erin V Ilkanich, Alison P Smock, Medical Univ of South Carolina, Charleston, SC; George A Cotsonis, Emory Univ, Atlanta, GA; Stephanie Helwig, Medical Univ of South Carolina, Charleston, SC; Michael J Lynn, Bethany F Lane, Jean Montgomery, Emory Univ, Atlanta, GA; Colleen Derr, Washington Univ, St Louis, MO; David Fiorella, State Univ of New York, Stony Brook, Stony Brook, NY; L Scott Janis, Natl Insts of Health/NINDS, Bethesda, MD; Marc I Chimowitz, Tanya N Turan, Med Univ of South Carolina, Charleston, SC
Clinical Features, Surgical Treatment, and Long-term Outcome in Adult Patients With Moyamoya Disease in China
Lian Duan, 307 Hosp, PLA, Beijing, China

CNS Vasculitis: A Tertiary Care Center’s Experience
Fawaz Al-Mufti, Imad Khan, Patricia Coyle, Stony Brook Univ Hopsital, Stony Brook, NY; Rolla Nuoman, Woodhull Medical Ctr, Brooklyn, NY; Karen Medin, Michael Guido III, Stony Brook Univ Hopsital, Stony Brook, NY

Combined Treatment of Brain Arteriovenous Malformations with Onyx Embolization followed by Radiosurgery
Laurent Pierot, Krzysztof Kadziolka, Olivier Lanoix, Pascal Rousseaux, CHU Reims, REIMS, France

Noninvasive Evaluation of Cerebral Arteriovenous Malformations by 4D-CT Angiography Using 320-detector Row CT
Hiroyuki Tajiri, Lee Jin, Toshitaka Tsukiyama, Yumiko Suzuki, Shonan Kamakura General Hosp, Kamakura City, Japan

Transvenous Approach Of Cavernous Sinus Dural Arteriovenous Fistula
Kyohei Kin, Kenji Sugiu, Kouji Tokunaga, Masafumi Hiramatsu, Jun Haruma, Yu Ohkuma, Tomohisa Shimizu, Tomohito Hishikawa, Isao Date, Dept of Neurological Surgery, Okayama Univ Graduate Sch of Med, Dentistry and Pharmaceutical Sciences, Okayama, Japan
A Simple Protocol Dramatically Reduces the Rate of External Ventricular Drain Infections in the ICU
Alexander C Flint, Vivek A Rao, Natalie C Renda, Bonnie S Faigeles, Todd E Lasman, William Sheridan, Kaiser Permanente, Redwood City, CA

Risk of Rupture of Small Anterior Communicating Artery Aneurysms is Similar to Posterior Circulation Aneurysms
Philippe Bijlenga, Geneva Univ Hosp, Genève 14, Switzerland; @neurIST

Stroke Rates Associated with Asymptomatic Carotid Stenosis and Medical Treatment Alone Continue to Fall: Results of An Updated Meta-Analysis
Anne L Abbott, Sch of Public Health & Preventive Med, Monash Univ, Melbourne, Australia

Endovascular Reperfusion and Cooling in Cerebral Acute Ischemia (ReCCLAIM I)

North American Solitaire Stent-Retriever Acute Stroke Registry: Post-Marketing Revascularization and Clinical Outcome Results as Compared to the Swift and Trevo-2 Clinical Trials
Osama O Zaidat, Alicia C Castonguay, Medical Coll of Wisconsin, Milwaukee, WI; Rishi Gupta, Chung-Huan Johnny Sun, Emory Univ Sch of Med, Atlanta, GA; Coleman O Martin, William E Holloway, Saint Luke’s Hosp, Kansas City, KS; Nils Mueller-Kronast, Delray Medical Ctr, Delray Beach, FL; Tim W Malisch, Franklin A Marden, Alexian Brothers Medical Ctr, Elk Grove Village, IL; Hormozd Bozorgchami, Oregon Health and Sciences, Portland, OR; Andrew Xavier, Wayne State Univ Sch of Med, Detroit, MI; Ansaaar T Rai, West Virginia Univ, Morgantown, WV; Amir Badruddin, Univ of Illinois at Chicago, Chicago, IL; M Asif Taqi, Desert Regional Medical Ctr, Palm Springs, CA; Ilrro Linfante, Florida Intl Univ Medical Sch Baptist Cardiac and Vascular Inst, Miami, FL; Michael G Abraham, Univ of Kansas Medical Ctr, Kansas City, KS; Hashem Shaltoni, Baylor Coll of Med, St Luke’s Hosp, Neurovascular Ctr, Houston, TX; Vallabhb Janardhan, Texas Stroke Inst, Plano, TX; Thanh N Nguyen, Boston Medical Ctr, Boston, MA; Alex Abou-Chebl, Univ of Louisville Medical Sch, Louisville, KY; Peng Roc Chen, The Univ of Texas Medical Sch at Houston, Houston, TX; Albert J Yoo, Massachusetts
General Hosp, Boston, MA; Gavin W Britz, Duke Univ Medical Ctr, Durham, NC; Ritesh Kaushal, Saint Louis Univ Sch of Med, Saint Louis, MO; Ashish Nanda, Univ of Missouri, Columbia, MO; Mohammad Issa, Medical Coll of Wisconsin, Milwaukee, WI; Raul G Nogueira, Emory Univ Sch of Med, Atlanta, GA

Poster Board Number LB P6 / Presentation Number LB P6
Early Outpatient Follow-up after Stroke Reduces Neighborhood Socioeconomic Disparities in Mortality
Arleen F Brown, Stefanie D Vassar, Li-Jung Liang, UCLA, Los Angeles, CA; W T Longstreth Jr, Univ of Washington, Seattle, WA; Sharon S Merkin, UCLA, Los Angeles, CA; Bruce Ovbiagele, UCSD, San Diego, CA; Jose J Escarce, UCLA, Los Angeles, CA

Poster Board Number LB P7 / Presentation Number LB P7
Primary Results of the Penumbra START Trial
Don Frei, Swedish Medical Ctr, Englewood, CO; Albert Yoo, Mass General Hosp, Boston, MA; Don Heck, Forsyth Medical Ctr, Winston-Salem, NC; Frank Helliger II, Florida Hosp, Orlando, FL; Vance McCollom, Mercy Health Ctr, Oklahoma City, OK; David Fiorella, Stony Brook, Stony Brook, NY; Aquilla Turk III, Medical Univ of South Carolina, Charleston, SC; Tim Malisch, Alexian Brothers, Elk Grove Village, IL; Osamad Zaidat, Medical Coll of Wisconsin, Milwaukee, WI; Michael Alexander, Cedars-Sinai Medical Ctr, Los Angeles, CA; Tom Devlin, Erlanger Health System, Chattanooga, TN; Elad Levy, Kaleida Health, Buffalo, NY; Qaisar Shah, Abington Memorial Medical Ctr, Abington, PA; Ferdinand Hui, Cleveland Clinic, Cleveland, OH; Mayank Goyal, Alberta Health Services, Calgary, AB, Canada; Raj Ghodke, Harborview Medical Ctr, Seattle, WA; Ali Shahiani, Northwest Community Hosp, Arlington Heights, IL; Mark Harrigan, Univ of Alabama at Birmingham, Birmingham, AL; Tudor Jovin, UPMC Health System, Pittsburg, PA; Michael Madison, St Joseph's HealthEast - St Paul, St Paul, MN; Zeshan Chaudhry, Ramon Gonzalez, Mass General Hosp, Boston, MA; Leticia Barraza, Arani Bose, Siu Po Sit, Penumbra, Inc, Alameda, CA

Poster Board Number LB P8 / Presentation Number LB P8
Effect of Pitavastatin on Preventing Ischemic Complications With Carotid Artery Stenting: Multicenter Prospective Study
Katsutoshi Takayama, Kaoru Myouchin, Department of Radiology and Interventional neuroradiology, Ishinkai Yao General Hosp, Yao, Japan; Naokado Ikeda, Dept of Neurosurgery, Osaka medical college, Takatsuki, Japan; Masahiko Sakamoto, Ichiro Nakagawa, Takeshi Wada, Dept of Neurosurgery and Radiology, Nara Medical Univ, Kashihara, Japan; Osamu Masuo, Dept of Neurological surgery, Wakayama Medical Univ, Wakayama, Japan; Ichiro Nakahara, Dept of Neurosurgery, Kokura Memorial Hosp, Kokura, Japan; Hiroshi Tanemura, Naoki Toma, Masayuki Maeda, Waro Taki, Dept of Neurosurgery and Radiology, Mie Univ Sch of Med, Tsu, Japan

Poster Board Number LB P9 / Presentation Number LB P9
p66shc as A Novel Therapeutical Target for Ischemia/Reperfusion Brain Injury
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Poster Board Number LB P10 / Presentation Number LB P10
PRISM Registry: A Novel Tool to Estimate Prevalence of Pseudobulbar Affect Symptoms
Jonathan Fellus, Meadowlands Hosp Rehabilitation Inst, Secaucus, NJ; David Crumpacker, Baylor Univ Medical Ctr, Dallas, TX; Daniel Kantor, Neurologique, Ponte Vedra Beach, FL; Benjamin Brooks, Carolinas Medical Ctr, Charlotte, NC; Randall Kaye, Avanir Pharmaceuticals, Inc, Aliso Viejo, CA
Cluster Randomised Trial Evaluation of a Patient and Carer Centred System of Longer-term Stroke Care

Early Results of the AxiumTM MicroFXTM for Endovascular Repair of IntraCranial Aneurysm (AMERICA) Study: A Multicenter, Prospective Observational Registry
Kyle M Fargen, Spiros Blackburn, Univ of Florida, Gainesville, FL; Jeffrey S Carpenter, West Virginia Univ, Morgantown, WV; Pascal Jabbour, Thomas Jefferson Univ, Philadelphia, PA; William Mack, Univ of Southern California, Los Angeles, CA; Ansaar Rai, West Virginia Univ, Morgantown, WV; Adnan H Siddiqui, Univ at Buffalo, Buffalo, NY; Raymond D Turner, Medical Univ of South Carolina, Charleston, SC; J Mocco, Vanderbilt Univ, Nashville, TN

Noncontrast CT vs CTA Source Imaging - Which Modality Better Predicts Clinical Outcomes After IA Therapy? A Post Hoc Analysis of the Penumbra START Trial
Albert Yoo, Massachusetts General Hosp, Boston, MA; Donald Frei, Swedish Medical Ctr, Englewood, CO; Donald Heck, Forsyth Medical Ctr, Winston-Salem, NC; Frank Hellingter II, Florida Hosp, Orlando, FL; Vance McCollom, Mercy Health Ctr, Oklahoma City, OK; David Fiorella, Stony Brook Medical Ctr, Stony Brook, NY; Aquilla Turk III, Med Univ of South Carolina, Charleston, SC; Tim Malisch, Alexian Brothers Medical Ctr, Elk Grove Village, IL; Osama Zaidat, Medical Ctr of Wisconsin, Milwaukee, WI; Michael Alexander, Cedars-Sinai Medical Ctr, Los Angeles, CA; Thomas Devlin, Chattanooga Ctr for Neurologic Res, Chattanooga, TN; Elad Levy, Kaleida Health, Buffalo, NY; Qaisar Shah, Abington Memorial Hosp, Abington, PA; Ferdinand Hui, Cleveland Clinic, Cleveland, OH; Mayank Goyal, Alberta Health Services, Calgary, Calgary, AB, Canada; Basavaraj Ghodke, Harborview Medical Ctr, Seattle, WA; Ali Shaibani, Northwest Community Hosp, Arlington Heights, IL; Mark Harrigan, Univ of Alabama at Birmingham, Birmingham, AL; Tudor Jovin, UPMC Health System, Pittsburg, PA; Michael Madison, St Paul Radiology, St Paul, MN; Zeshan Chaudhry, Ramon Gonzalez, Massachusetts General Hosp, Boston, MA; Leticia Barraza, Arani Bose, Sui Po Sit, Penumbra, Inc, Alameda, CA
Poster Board Number LB P17 / Presentation Number LB P17
Comparison of Effects of Amlodipine and Losartan on the Blood Pressure and Its Variation in Hypertensive Patients with Acute Stroke: A Randomized Double-blind Non-inferiority Trial
Hyung-Min Kwon, Jung-Won Shin, Jae-Sung Lim, Yoon-Ho Hong, Yong-Seok Lee, Hyunwoo Nam, Boramae Medical Ctr, Seoul, Korea, Republic of

Poster Board Number LB P18 / Presentation Number LB P18
Non Randomized Comparison between Intra–sinus Thrombolysis Alone versus Mechanical Thrombectomy with/without Intra–sinus Thrombolysis for Treatment of Multifocal Cerebral Venous Sinus Thrombosis
Fazeel M Siddiqui, Chirantan Banerjee, UT Southwestern Medical Ctr, Dallas, TX; Yvonne Zuurberg, Univ of Amsterdam, Amsterdam, Netherlands; Qing Hao, Univ of California Los Angeles, Los Angeles, CA; Chul Ahn, UT Southwestern Medical Ctr, Dallas, TX; Rohit Bakshi, Brigham and Women’s Medical Ctr, Boston, MA; Mohammad Wasay, Aga Khan Univ, Karachi, Pakistan; David Liebeskind, Univ of California Los Angeles, Los Angeles, CA; Mark Johnson, UT Southwestern Medical Ctr, Dallas, TX; Jan Stam, Univ of Amsterdam, Amsterdam, Netherlands

Poster Board Number LB P19 / Presentation Number LB P19
Haptoglobin Genotype and Incident Cerebrovascular Disease in Type 1 Diabetes
Tina Costacou, Robert E Ferrell, Trevor John Orchard, Univ of Pittsburgh, Pittsburgh, PA

Poster Board Number LB P20 / Presentation Number LB P20
Aggressive Anti-platelet Treatment for Acute Large Penetrating Artery Infarcts
Yasumasa Yamamoto, Yoshinari Nagakane, Masahiro Makino, Kyoto Second Red Cross Hosp, Kyoto, Japan

Poster Board Number LB P21 / Presentation Number LB P21
Early Post-admission Intracerebral Hematoma Expansion
Christian Ovesen, Louisa Christensen, Anders Christensen, Sverre Rosenbaum, Derk Krieger, Inger Havsteen, Hanne Christensen, Bispebjerg Univ Hosp, Copenhagen, Denmark

Poster Board Number LB P22 / Presentation Number LB P22
Low Levels of Caffeine Offer Neuroprotection via Adenosine Receptors
Aqeela Atzal, Fiona Desland, J Mocco, Vanderbilt Univ Medical Ctr, Nashville, TN

Poster Board Number LB P23 / Presentation Number LB P23
Hematopoietic Stem Cell Function is Impaired Following Exposure to tPA, Thus Limiting Recovery following Stroke
Aqeela Atzal, Vanderbilt Univ Medical Ctr, Nashville, TN; Saeed Ansari, Univ of Florida, Gainesville, FL; Fiona Desland, Vanderbilt Univ Medical Ctr, Nashville, TN; Edward Scott, Univ of Florida, Gainesville, FL; J Mocco, Vanderbilt Univ Medical Ctr, Nashville, TN

Poster Board Number LB P24 / Presentation Number LB P24
A Three year Follow-Up of Autologous Mesenchymal Stem Cell Transplantation in Patients with Chronic Stroke
Ashu Bhasin, Vasantha Padma Srivastava, Rohit Bhatia, Senthil Kumaran, Sujata Mohanty, All India Inst of Medical Sciences, New Delhi, India

Poster Board Number LB P25 / Presentation Number LB P25
Factors Predicting The Risk of Primary Aneurysmal Rupture – An Analysis of 15,923 Persons With Unruptured Intracranial Aneurysms
Shahram Majidi, Logan J Brau, Adnan I Qureshi, Univ of Minnesota, Minneapolis, MN
Chronic in vivo Two-Photon Imaging Reveals Dysfunctional Blood Flow Dynamics in the Diabetic Brain After Stroke
Kelly A Tennant, Patrick Reeson, Craig E Brown, Univ of Victoria, Victoria, BC, Canada

Imaging of Hematoma Expansion in Experimental Anticoagulation-associated Intracerebral Hemorrhage With Dual Energy CT
Christian Foerch, Sae-Yeon Won, Dept of Neurology, Frankfurt, Germany; Julien Dinkel, Dept of Radiology, MGH, Boston, MA; Frieder Schlunk, Dept of Neurology, Frankfurt, Germany; Wendy Leung, Kazuhide Hayakawa, Huiya Karatas, Eng H Lo, Rajiv Gupta, Dept of Radiology, MGH, Boston, MA

Mechanical Thrombectomy for Cerebral Venous Sinus Thrombosis: A Multi-center Experience
Chirantan Banerjee, Fazeel Siddiqui, UT Southwestern Medical Ctr, Dallas, TX; Yvonne Zuurbier, Univ of Amsterdam, Amsterdam, Netherlands; Qing Hao, UCLA Medical Ctr, Los Angeles, CA; Chul Ahn, Glenn Pride, UT Southwestern Medical Ctr, Dallas, TX; David Liebeskind, UCLA Medical Ctr, Los Angeles, CA; Mark Johnson, UT Southwestern Medical Ctr, Dallas, TX; Jan Stam, Univ of Amsterdam, Amsterdam, Netherlands

Manual Dexterity Predicted Clinically Important Motor Improvements in Stroke Patients Receiving Robotic Rehabilitation
Keh-chung Lin, Natl Taiwan Univ, Taipei, Taiwan; Yu-wei Hsieh, Ching-yi Wu, Chang Gung Univ, Taoyuan, Taiwan

Socioeconomic Status Doesn’t Influence Mortality Rates in Stroke Patients - A Population Based Study by Using the National Insurance Data in Taiwan
Dorji Harnod, Shin Kong Memorial Hosp, Taipei, Taiwan; Ray E Chang, Inst for Health Policy and Management, Natl Taiwan Univ, Taipei, Taiwan; Chui Hui Chang, Chang Jung Christian Univ, Dept of Health Admin, Tainan, Taiwan

Perlecan Domain V Is A Neuroprotective and Neuroregenerative Experimental Stroke Therapy
Michael Kahle, Texas A&M Coll of Med, College Station, TX; Stephen Grupke, Jill Roberts, Univ of Kentucky, Lexington, KY; Emma Gowing, Andrew Clarkson, Univ of Otago, Dunedin, New Zealand; Gregory Bix, Univ of Kentucky, Lexington, KY

A Fast Track Protocol for Symptomatic Carotid Surgery
Michel van Jagt, Michiel Warle, J Adam van Vliet, Frank van Hoek, Univ Medical Ctr St Radboud, Nijmegen, Netherlands

Risk of Subsequent Ischaemic Stroke in Patients Who Underwent Surgical Treatment for a First Stroke: English National Record Linkage Study
Olena Seminog, Michael J Goldacre, Dept of Public Health, Univ of Oxford, Oxford, United Kingdom

Cerebroprotective Action of the Angiotensin Type 2 Receptor Agonist Compound 21 in Ischemic Stroke is Inhibited by a Mas Antagonist
Neal A Patel, Jason Joseph, David Pioquinto, Jacob Ludin, David Greenstein, Univ of Florida, Gainesville, FL; U Muscha Steckelings, Univ of Southern Denmark, Odense, Denmark; Colin Sumners, Univ of Florida, Gainesville, FL
Poster Board Number LB P35 / Presentation Number LB P35
Global SUMOylation is an Underlying Molecular Mechanism In Hypothermia-Induced Ischemic Tolerance
Yang-ja Lee, Yongshan Mou, Dace Klimanis, John M Hallenbeck, The Natl Inst of Neurological Disorders and Stroke, Bethesda, MD

Poster Board Number LB P36 / Presentation Number LB P36
Bone Marrow Stromal Cells Serve “Nursing Effect” To Damaged Neurons by Secretting Neurotrophic Factors In Vitro And In Vivo
Hideo Shichinohe, Hokkaido Univ, Sapporo, Japan; Takeshi Ishihara, Shionogi Innovation Ctr for Drug Discovery, Sapporo, Japan; Satoshi Kuroda, Univ of Toyama, Toyama, Japan; Koji Takahashi, Yoshikazu Tanaka, Shionogi Innovation Ctr for Drug Discovery, Sapporo, Japan; Michiyuki Miyamoto, Tomohiro Yamauchi, Hisayasu Saito, Hokkaido Univ, Sapporo, Japan; Hiroshi Takemoto, Shionogi Innovation Ctr for Drug Discovery, Sapporo, Japan; Kiyohiro Houkin, Hokkaido Univ, Sapporo, Japan

Poster Board Number LB P38 / Presentation Number LB P38
Treatment of Intracranial Aneurysms With a Novel Intra-saccular Flow Diverter (LUNA AES)
Michel Piotin, Fondation Rothschild, Paris, France; Alessandra Biondi, CHU Besançon, Besançon, France; Nader Sourour, Hôpital Pitié-Salpêtrière, Paris, France; Tommy Andersson, Karolinska Hosp, Paris, Sweden; Salvatore Mangiafico, Univ of Florence, Florence, Italy; Charbel Mounayer, CHU Limoges, Limoges, France; René Anxionnat, CHU Nancy, Nancy, France; Raphaël Blanc, Fondation Rothschild, Paris, France

Poster Board Number LB P39 / Presentation Number LB P39
Acute Stroke Outcomes in the 90+ Elderly Population
Kimberly Harris, Selina Ancheta, Thomas Hammond, Holy Cross Hosp, Fort Lauderdale, FL; Zsuzsanna Henzer, Medical and Health Science Ctr, Univ of Debrecen, Debrecen, Hungary; Laszlo Miskolczi, Holy Cross Hosp, Fort Lauderdale, FL

Poster Board Number LB P40 / Presentation Number LB P40
Optimized Dosing of Glial Growth Factor 2 in a Middle Cerebral Artery Occlusion Model Increases GAP43 Expression
Jennifer F Iaci, Tom J Parry, Zhihong Huang, Acorda Therapeutics, Inc, Ardsley, NY; Seth P Finklestein, Jingmei Ren, Biotrofix, Inc, Waltham, MA; Anindita Ganguly, Anthony O Caggiano, Acorda Therapeutics, Inc, Ardsley, NY

Poster Board Number LB P41 / Presentation Number LB P41
Bone Marrow Stromal Cell Transplantation Ameliorates Motor Deficit in Rat Lacunar Infarct Model
Hideo Shichinohe, Hokkaido Univ, Sapporo, Japan; Satoshi Kuroda, Univ of Toyama, Toyama, Japan; Michiyuki Miyamoto, Tomohiro Yamauchi, Hisayasu Saito, Daisuke Shinbo, Ken Kazumata, Naoki Nakayama, Kiyohiro Houkin, Hokkaido Univ, Sapporo, Japan

Poster Board Number LB P42 / Presentation Number LB P42
Volume Reduction vs Velocities: Carotid Stenosis Measurement by New 3-Dimensional (3D)Ultrasound Technique
Hayrapet Kalashyan, Ashfaq Shuaib, Khurshid Khan, Maher Saqquar, Helen Romanchuk, Univ of Alberta Hosp, Edmonton, AB, Canada; Harald Becher, Mazankowski Alberta Heart Inst, Univ of Alberta Hosp, Edmonton, AB, Canada

Poster Board Number LB P43 / Presentation Number LB P43
Overexpression of Angiotensin (1-7) In Hematopoietic Stem and Progenitor Cells: Homing Mechanism in Stroke
J Mocco, Aqeeal Afzal, Fiona Desland, Vanderbilt Univ Medical Ctr, Nashville, TN; Kenneth Caldwell, Neal Patel, Robert Regenhardt, Vinayak Shenoy, Mohan Rizada, Univ of Florida, Gainesville, FL; Hongwei Li, Southern Medical Univ, Guangzhou, China; Colin Sumners, Univ of Florida, Gainesville, FL
Poster Board Number LB P44 / Presentation Number LB P44
Clinical Features of Repeated Stroke Recurrence
Masahiro Sasaki, Res Inst for Brain and Blood Vessels-AKITA, Akita, Japan

Poster Board Number LB P45 / Presentation Number LB P45
The Emergence of Endovascular treatment only Centers for Treatment of Intracranial Aneurysms in United States
Fareed K Suri, Malik M Adil, Farhan Siddiq, Adnan I Qureshi, Zeenat Qureshi
Stroke Res Ctr, Minneapolis, MN

Poster Board Number LB P46 / Presentation Number LB P46
Prevention in Iscemic Stroke with Antiphospholipid Syndrome
Hirohisa Okuma, Kazuyuki Iijima, Yoshiaki Goto, Takashi Yasuda, Kentaro Tokuoka, Yasuhisa Kitagawa, Neurology, Hachioji, Japan

Poster Board Number LB P47 / Presentation Number LB P47
Aneurysm Growth in Serial Follow-up of Elastase-induced Aneurysm in Rabbits
Yonghong Ding, Issa Rezek, Ramanathan Kadirval, Daying Dai, Debra A Lewis, David F Kallmes, Mayo Clinic, Rochester, MN

Poster Board Number LB P48 / Presentation Number LB P48
Experimental Aneurysm Occlusion Using Woven EndoBridge: Angiographic and Histologic Follow-up
Yonghong Ding, Issa Rezek, Ramanathan Kadirval, Daying Dai, Debra A Lewis, David F Kallmes, Mayo Clinic, Rochester, MN
ON GOING CLINICAL TRIALS ABSTRACTS

POSTER SESSION II

THURSDAY, FEBRUARY 7
4:45 PM – 5:15 PM
HALL I

Ongoing Clinical Trials

Poster Board Number CT P1 / Presentation Number CT P1
Stroke Hyperglycemia Insulin Network Effort Trial
Jana J Wold, Univ of Utah, Salt Lake City, UT; Askiel Bruno, Georgia Health
Sciences Univ, Augusta, GA; Valerie Durkalski, Medical Univ of South Carolina,
Charleston, SC; Karen C Johnston, Univ of Virginia, Charlottesville, VA

Poster Board Number CT P2 / Presentation Number CT P2
The Field Administration of Stroke Therapy - Magnesium (FAST-MAG)
Phase 3 Clinical Trial
Jeffrey L Saver, Geffen Sch of Med at UCLA, Los Angeles, CA; Marc Eckstein,
LAFD EMS, Los Angeles, CA; Sam Stratton, LA EMS Agency, Los Angeles,
CA; Frank Pratt, Los Angeles County Fire EMS, Los Angeles, CA; Scott Hamilton,
Stanford Univ, Palo Alto, CA; Robin Convit, NIH-NINDS, Bethesda, MD;
David Liebeskind, Geffen Sch of Med at UCLA, Los Angeles, CA; Gene Sung,
Nurses Sanossian, Univ of Southern California, Los Angeles, CA; Patrick
Lyden, Cedars-Sinai Medical Ctr, Los Angeles, CA; Sidney Starkman, Geffen Sch
of Med at UCLA, Los Angeles, CA; for the FAST-MAG Investigators
and Coordinators

Poster Board Number CT P3 / Presentation Number CT P3
The Desmoteplase DIAS-3 and DIAS-4 Clinical Trials: Background and
Status Update
Gregory W Albers, Stanford Univ Stroke Ctr, Palo Alto, CA; Rüdiger von Kummer,
Univ Hosp Carl Gustav Carus, Dresden, Germany; DIAS-3 and DIAS-4 Study
Group

Poster Board Number CT P4 / Presentation Number CT P4
STOP-IT Study
Matthew Flaherty on Behalf of STOP-IT Study Investigators, Univ of Cincinnati,
Cincinnati, OH

Poster Board Number CT P5 / Presentation Number CT P5
The THERAPY Trial: A Prospective, Randomized Trial to Assess the Role of
Mechanical Thrombectomy as Adjunctive Treatment to IV rtPA
J Mocco, Vanderbilt Univ Medical Ctr, Nashville, TN; Pooja Khatri, Univ of Cin-
cinnati, Cincinnati, OH; Osama Zaidat, Medical Coll of Wisconsin, Milwaukee,
WI; for the Penumbra THERAPY Trial Investigators

Poster Board Number CT P6 / Presentation Number CT P6
Phase 2/3 Study of Intravenous Thrombolysis and Hypothermia for Acute
Treatment of Ischemic Stroke
Thomas M Hemmen, UCSD Medical Ctr, San Diego, CA; George A Lopez, Univ
of Texas, Houston, TX; Rema Raman, UCSD Medical Ctr, San Diego, CA; Gilda
Tafreshi, Scripps Mercy Hosp, San Diego, CA; Mauricio Concha, Sarasota
Memorial Hosp, Sarasota, FL; Gregor Brössner, Univ Hosp Innsbruck, Innsbruck,
Austria; Andrei V Alexandrov, Univ of Alabama, Birmingham, AL; Irfan Altafullah,
North Memorial Hosp, Robbinsdale, MN; Julie Jurf, Karen S Rapp, UCSD Medi-
cal Ctr, San Diego, CA; Carlos Smith, St Joseph's Hosp, Tampa, FL; Mary Jane
Hess, Stephanie A Parker, Univ of Texas, Houston, TX; Salvador Cruz-Flores,
ARTSS-2: A Pilot, Phase IIb, Randomized, Multi-center Trial of Argatroban in Combination With Recombinant Tissue Plasminogen Activator for Acute Stroke
Andrew D Barreto, Univ of Texas Houston Health Science Ctr, Houston, TX; Andrei V Alexandrov, Univ of Alabama, Birmingham, AL; Navdeep Sangha, Kaiser Permanente, Los Angeles, CA; Steven R Levine, Clotilde Balucani, SUNY Downstate, Brooklyn, NY; James Frey, Barrow Neurological Inst, Phoenix, AZ; Loren Shen, Waldo R Guerrero, Rigo DelGado, Pej Hemali, Univ of Texas Houston Health Science Ctr, Houston, TX; April Sisson, Lynn Merritt, Univ of Alabama, Birmingham, AL; Claudia Pedroza, Mohammad H Rahbar, James C Grotta, Univ of Texas Houston Health Science Ctr, Houston, TX

Randomized Trial of Revascularization With Solitaire Fr® Device versus Best Medical Therapy in the Treatment of Acute Stroke Due to Anterior Circulation Large Vessel Occlusion Presenting Within 8 Hours of Symptom Onset (REVASCAT)
Tudor G Jovin, UPMC Stroke Inst, Pittsburgh, PA; Erik Cobo, Dept of Statistics and Operations Res, Technical Univ of Catalonia, Barcelona, Spain; Ángel Chamorro, Hosp Clinic, Univ of Barcelona, Barcelona, Spain; Maria Ángeles de Miguel, Hosp Univeri de Bellvitge, Barcelona, Spain; Carlos Molina, Alex Rovira, Hosp Univeri Vall d’Hebron, Barcelona, Spain; Luis San Román, Hosp Clinic, Univ of Barcelona, Barcelona, Spain; Joaquín Serena, Hosp Univeri de Girona, Dr Josep Trueta, Girona, Spain; Antoni Davalos, Hosp; Univeri Germans Trias y Pujol, Badalona, Spain

SolitaireTM FR With the Intention For Thrombectomy as Primary Endovascular Treatment for Acute Ischemic Stroke (SWIFT PRIME) Clinical Trial
Jeffrey L Saver, Geffen Sch of Med at UCLA, Los Angeles, CA; Elad Levy, SUNY Buffalo, Buffalo, NY; Hans-Christoph Diener, Univ Hosp Essen, Essen, Germany; Vitor Pereira, Univ Hosp of Geneva, Geneva, Switzerland; Mayank Goyal, Univ of Calgary, Calgary, AB, Canada; Reza Jahan, Geffen Sch of Med at UCLA, Los Angeles, CA; for the SWIFT PRIME Executive Committee and Trialists

Endovascular Treatment for Small Core and Anterior Circulation Proximal Occlusion With Emphasis on Minimizing Ct to Recanalization Times (E S C A P E)
Jamsheed A Desai, Sachin Mishra, Mohammed A Almekhlafi, Karla J Ryckborst, Muneer Eesa, Bijoy Menon, Andrew Demchuk, Mayank Goyal, Michael D Hill, Univ of Calgary, Calgary, AB, Canada

Transcranial Direct Current Stimulation (tDCS) Enhanced Stroke Recovery and Cortical Reorganization
Timea M Hodics, Univ of Texas, SW, Dallas, TX; Alexander W Dromerick, Georgetown University, Washington, DC; Benjamin Xu, NINDS, Bethesda, MD; John Pezzullo, Georgetown University, Washington, DC; Bhim Upreti, Univ of Texas, SW, Dallas, TX; Joseph Hedler, Nati Rehabilitation Hosp, Washinton, DC; John Hart, Karen Kowalske, Univ of Texas, SW, Dallas, TX; Leonardo G Cohen, NINDS, Bethesda, MD
Antihypertensive Treatment in Acute Cerebral Hemorrhage-II (ATACH-II)
Adnan I Qureshi, Univ of Minnesota, Minneapolis, MN; Yoko Y Palesch, Medical Univ of South Carolina, Charleston, SC; ATACH-II Investigators, Univ of Minnesota, Zeenat Qureshi Stroke Res Ctr, Minneapolis, MN

EXTEND-IA: A Randomised Controlled Trial of Intra-Arterial Reperfusion Therapy After IV t-PA Within 45hr of Stroke Onset Utilizing Dual Target Imaging Selection
Bruce C Campbell, Peter J Mitchell, Bernard Yan, Leonid Churilov, Henry Ma, Royal Melbourne Hosp, Parkville, Australia; Mark W Parsons, John Hunter Hosp, Newcastle, Australia; Geoffrey A Donnan, Florey Inst of Neuroscience and Mental Health, Parkville, Australia; Stephen M Davis, Royal Melbourne Hosp, Parkville, Australia; for the EXTEND-IA Investigators

Efficacy of Virtual Reality Using Wii Gaming Technology In Stroke Rehabilitation: A Multicentre Randomized Clinical Trial (EVREST Multicentre)
Gustavo Saposnik, St Michael’s Hosp, Dept of Health Policy, Management and Evaluation, Univ of Toronto, Toronto, ON, Canada; Robert Teasell, Univ of Western Ontario, London, ON, Canada; Muhammad Mamdani, Avon Saldanha, Applied Health Res Ctr, Li Ka Shing Knowledge Inst, Toronto, ON, Canada; James Salhas, McMaster Univ, Hamilton, ON, Canada; Kevin Thorpe, Dalla Lana Sch of Public Health, Toronto, ON, Canada; Andreas Laupacis, St Michael’s Hosp, Dept of Health Policy, Management and Evaluation, Univ of Toronto, Toronto, ON, Canada; William McIlroy, Univ of Waterloo, Waterloo, ON, Canada; Mindy Levin, McGill Univ, Montreal, QC, Canada; Leonardo Cohen, NINDS, Natl Inst of Health (NIH), Bethesda, WA; Mark Bayley, Toronto Rehabilitation Institute, Toronto, ON, Canada; on behalf of EVREST Multicenter Investigators; for the Stroke Outcomes Research Canada (SORCan) Working Group

GORE HELEX Septal Occluder / GORE Septal Occluder and Antiplatelet Medical Management for Reduction of Recurrent Stroke or Imaging-Confirmed TIA in Patients with Patent Foramen Ovale (PFO) – The Gore REDUCE Study
Scott E Kasner, Univ of Pennsylvania, Philadelphia, PA; on behalf of the the Gore REDUCE Study Steering Committee

Ongoing International Trial of Very Early Stroke Rehabilitation (AVERT)
Julie Bernhardt, Toby Cumming, Florey Inst of Neuroscience and Mental Health, Melbourne, Australia; AVERT Trialists’ Collaboration

Interdisciplinary Comprehensive Arm Rehabilitation Evaluation (ICARE): A Randomized Controlled Trial
Carolee J Winstein, Univ of Southern California, Los Angeles, CA; Steven L Wolf, Emory Univ, Atlanta, GA; Alexander Dromerick, Georgetown Univ/Nati Rehabiliation Hosp, Washington, DC; Sara Blanton, Emory Univ, Atlanta, GA; Monica A Nelsen, Christianne J Lane, Univ of Southern California, Los Angeles, CA; Rebecca Leuthwaite, Univ of Southern California/Ranchos Los Amigos Hosp, Los Angeles, CA; Charrro Scott, Long Beach Memorial Medical Ctr, Los Angeles, CA; Aimee Reiss, Emory Univ, Atlanta, GA; Steven Cen, Univ of Southern California, Los Angeles, CA; Rahsaan Holley, Nati Rehabilitation Hosp, Washington, DC; Scott Janis, Natl Inst of Neurological Disorders and Stroke, Bethesda, MD; Stanley Azen, Univ of Southern California, Los Angeles, CA
Poster Board Number CT P18 / Presentation Number CT P18
Thrombolysis for Minor Ischemic Stroke With Proven Acute Symptomatic Occlusion Using Tnk-tpa (Tempo-1)
Jennifer L Mandzia, Shelagh B Coutts, Carol Kenney, Michael D Hill, Univ of Calgary, Calgary, AB, Canada

Poster Board Number CT P19 / Presentation Number CT P19
Vertebrobasilar Flow Evaluation and Risk of Transient Ischemic Attack and Stroke (VERITAS) Study
Sepideh Amin-Hanjani, Keith Thuiborn, Dilip Pandey, DeJuran Richardson, UIC, Chicago, IL; Mitchell S Elkind, Columbia Univ, New York, NY; Gregory J Zipfel, Washington Univ Sch of Med in St Louis, St Louis, MO; David S Liebeskind, Univ of California at Los Angeles, Los Angeles, CA; Frank Silver, Univ of Toronto-Toronto Western Hosp, Toronto, ON, Canada; Jeffrey Kramer, Jeffrey Kramer, Mercy Hosp and Medical Ctr, Chicago, IL; Scott Kasner, Univ of Pennsylvania, Philadelphia, PA; Colin Derdeyn, Washington Univ Sch of Med in St Louis, St Louis, MO; Philip B Gorelick, Hauenstein Neuroscience Inst, Grand Rapids, MI; Fady T Charbel, UIC, Chicago, IL

Poster Board Number CT P20 / Presentation Number CT P20
Randomized, Controlled Trial of an Intervention to Enable Stroke Survivors Throughout the Los Angeles County Safety Net to “Stay With the Guidelines”
Nerses Sanossian, LAC+USC Medical Ctr, Los Angeles, CA; Eric M Cheng, William Cunningham, David Geffen Sch of Med at UCLA, Los Angeles, CA; Amytis Towfighi, Rancho Los Amigos Rehabilitation Ctr, Los Angeles, CA; Robert J Bryg, Olive View-UCLA Medical Ctr, Sylmar, CA; Tom L Anderson, Harbor-UCLA Medical Ctr, Torrance, CA; Jeffery J Guterman, Olive View-UCLA Medical Ctr, Sylmar, CA; Sandra G Gross-Schulman, Los Angeles County Dept of Health Services, Los Angeles, CA; Sylvia Beanes, American Heart Association, Los Angeles, CA; Andrea S Jones, Healthy African American Families, Los Angeles, CA; Honghu H Liu, Susan L Ettner, David Geffen Sch of Med at UCLA, Los Angeles, CA; Lillie Hudson, Rancho Los Amigos Rehabilitation Ctr, Los Angeles, CA; Monica Ayala-Rivera, Stefanie Vassar, Barbara G Vickrey, David Geffen Sch of Med at UCLA, Los Angeles, CA

Poster Board Number CT P21 / Presentation Number CT P21
Canadian UnRuptured aneurysm Endovascular versus Surgery: The CURES Trial
Tim E Darsaut, Univ of Alberta, Edmonton, AB, Canada; Max J Findlay, Univ of Alberta, Edmonton, AB, Canada; Jean Raymond, Univ of Montreal, Montreal, QC, Canada

Poster Board Number CT P22 / Presentation Number CT P22
Outcomes of Intracerebral Hemorrhage Without Early Do-Not-Resuscitate orders: A Multicenter Observational Registry
Darin Zahuranec, Univ of Michigan Health Ctr, Ann Arbor, MI; J Claude Hemphill III, Univ of California San Francisco, San Francisco, CA; Kyra J Becker, Univ of Washington, Seattle, WA; Madeline C Geraghty, Sacred Heart Medical Ctr, Spokane, WA; Brisa N Sanchez, Lewis B Morgenstern, Univ of Michigan Health Ctr, Ann Arbor, MI

Poster Board Number CT P23 / Presentation Number CT P23
MR WITNESS: A Phase Ila Safety Study of Intravenous Thrombolysis with Alteplase in MRI-Selected Patients
Ona Wu, Massachusetts General Hosp, Boston, MA; Lawrence L Latour, NIH/NINDS Intramural Stroke Program, Bethesda, MD; Shlee S Song, Cedar Sinai Medical Ctr, Los Angeles, CA; Karen L Furie, Brown Univ, Providence, RI; Steven Warach, Seton/UT Southwestern Clinical Res Inst of Austin, Austin, TX; Lee H Schwamm, Massachusetts General Hosp, Boston, MA; MR WITNESS Investigators
Carotid Revascularization Endarterectomy vs Stenting Trial (CREST): Retention, Data Quality and Productivity in Long Term Follow-up
Alice Sheffet, Susan E Hughes, MeeLee Tom, UMDNJ Medical Sch, Newark, NJ; Ariane Mackey, CHA Hop de L'Enfant-Jesus, Quebec, QC, ON, Canada; William Brooks, Central Baptist Hosp, Lexington, KY; Wayne Clark, Oregon Health Science Univ, Portland, OR; Michael D Hill, Univ of Calgary, Calgary, AB, Canada; Vito Mantese, Mercy Hosp St Louis, St Louis, MO; Jenifer H Voeks, Medical Univ of South Carolina, Charleston, SC; Mary E Longbottom, Thomas G Brott, for the CREST Investigators, Mayo Clinic Florida, Jacksonville, FL

Psychosocial/Behavioral Intervention in Post-Stroke Depression

A Phase II RCT of Stroke Navigators to Improve Compliance with Secondary Stroke Prevention: PROTECT DC
Alexander W Dromerick, Georgetown Univ Sch of Med/Natl Rehabilitation Hosp, Washington, DC; M Christopher Gibbons, Johns Hopkins Sch of Med, Baltimore, MD; Dorothy F Edwards, Univ of Wisconsin, Madison, WI; Deonna Farr, Univ of South Carolina, Columbia, SC; Annapurni Jayam-Trouth, Howard Univ Sch of Med, Washington, DC; Nawar M Shara, Georgetown Univ/Medstar Health Res Inst, Washington, DC; Brisa M Sanchez, Jeffrey J Wing, Univ of Michigan, Ann Arbor, MI; Stephen Fernandez, Medstar Health Res Inst, Hyattsville, MD; Regina Coles, Georgetown Univ, Washington, DC; Deidra Tiffany, Natl Rehabilitation Hosp, Washington, DC; Bruce Ovbiagele, Medical Univ of South Carolina, Charleston, SC; Chelsea S Kidwell, Georgetown Univ, Washington, DC

Present Status of J-STARS and Substudies
Masayasu Matsumoto, Takemori Yamawaki, Toshiho Ohtsuki, Naohisa Hosomi, Hiroshima Univ Graduate Sch of Biomedical and Health Sciences, Hiroshima, Japan; Masanori Fukushima, Yoji Nagai, Translational Res Informatics Ctr, Kobe, Japan; Kazuo Minematsu, Chiaki Yokota, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan; Hideki Origasa, Div of Biostatistics and Clinical Epidemiology, Univ of Toyama Sch of Med, Toyama, Japan; Shinichiro Uchiyama, Dept of Neurology, Tokyo Women's Medical Univ Hosp, Tokyo, Japan; Setsuro Ibayashi, Seiai Rehabilitation Hosp, Fukuoka, Japan; J-STARS collaborators

Efficacy of Nitric Oxide in Stroke (ENOS) Trial – A Prospective Randomised Controlled Trial in Acute Stroke
Kailash Krishnan, Sally Utton, Sharon Ellender, Tanya Payne, Aimee Houlton, Philip M Bath, Univ of Nottingham, Nottingham, United Kingdom

Enchanted Trial of Low-dose Tpa and Early Intensive Blood Pressure Lowering in Acute Ischaemic Stroke
Craig Anderson, George Inst Intl Hlth, Sydney NSW, Australia; Vijay Sharma, Dept of Neurology, Natl Univ Hosp, Singapore, Singapore; Yining Huang, Dept of Neurology, Peking Univ First Hosp, Beijing, China; Pablo Lavados, Dept of Neurology, Clinica Alemana, Universidad del Desarrollo, Santiago, Chile; Sully Fuentes, Richard Lindley, George Inst Intl Hlth, Sydney NSW, Australia; Christian Staff, Dept of Neurology, Lariboisiere Hosp, Paris, France, Hisatomi Arima, Candice Delcourt, George Inst Intl Hlth, Sydney NSW, Australia; Mark Parsons, Chris Levi, John Hunter Hosp, Univ of Newcastle, Newcastle NSW, Australia; Tom Robinson, Dept of Cardiovascular Sciences, Univ of Leicester, Leicester,
United Kingdom; Jong Sung Kim, Dept of Neurology, Asan Medical Ctr, Seoul, Korea, Democratic People’s Republic of; Tsong-hai Lee, Dept of Neurology, Chang Gung Memorial Hosp, Taipei, Taiwan; John Chalmers, George Inst Int’l Hlth, Sydney NSW, Australia

Poster Board Number CT P31 / Presentation Number CT P31
Intensive Blood Pressure Reduction in Acute Cerebral Haemorrhage Trial (INTERACT2): Recruitment Complete
Craig Anderson, George Inst Int’l Hlth, Sydney NSW, Australia; Yining Huang, Dept of Neurology, Peking Univ First Hosp, Beijing, China; Jiguang Wang, Ctr for Epidemiological Studies and Clinical Trials, Rui Jin Hosp, Shanghai Jiaotong Univ, Shanghai, China; Emma Heeley, Hisatomi Arima, Candice Delcourt, Richard Lindley, George Inst Int’l Hlth, Sydney NSW, Australia; Mark Parsons, Dept of Neurology, John Hunter Hosp, Newcastle NSW, Australia; Christian Stapf, Dept of Neurology, Lariboisière Hosp, Paris, France; Pablo Lavados, Dept of Neurology, Clinica Alemana, Santiago, Chile; Tom Robinson, Dept of Cardiovascular Sciences, Univ of Leicester, Leicester, United Kingdom; John Chalmers, George Inst Int’l Hlth, Sydney NSW, Australia

Poster Board Number CT P32 / Presentation Number CT P32
The Albumin in Subarachnoid Hemorrhage (ALISAH) II Study
Jose I Suarez, Baylor Coll of Med, Houston, TX; Renee H Martin, Medical Univ of South Carolina, Charleston, SC; Eusebia Calvillo, Baylor Coll of Med, Houston, TX; The ALISAH II Study Investigators

Poster Board Number CT P33 / Presentation Number CT P33
Comparison of Triflusal and Clopidogrel Effect in Secondary Prevention of Stroke Based on the Cytochrome P450 2C19 Genotyping (MAESTRO), A Prospective Randomised Phase IV Clinical Trial
Kwonduk Seo, Kyung-Yul Lee, Yonsei Univ Coll of Med, Seoul, Korea, Republic of; Sang Won Han, Inje Univ Coll of Med, Seoul, Korea, Republic of; Yong Jae Kim, Ewha Womans Univ, Seoul, Korea, Republic of; Seong Hwan Ahn, Chosun Univ, Seoul, Korea, Republic of; Woo-Keun Seo, Korea Univ, Seoul, Korea, Republic of

Poster Board Number CT P34 / Presentation Number CT P34
Podcast: Prevention of Decline in Cognition After Stroke Trial: A Factorial Randomised Trial of Blood Pressure and Lipid Lowering
Sally Utton, Martha Mangoyana, Philip M Bath, Univ of Nottingham, Nottingham, United Kingdom

Poster Board Number CT P35 / Presentation Number CT P35
A Proof-of-Concept Study to Evaluate the Effect of Dalfampridine Extended Release in Individuals With Chronic Deficits After Ischemic Stroke: Study Design
Gustavo Suarez, Herbert Henney, Lawrence Marinucci, Adrian Rabinowicz, Acorda Therapeutics, Inc, Ardsley, NY; David Simpson, Mount Sinai Medical Ctr, New York, NY; Michael Reding, The Burke Rehabilitation Hosp, White Plains, NY

Poster Board Number CT P36 / Presentation Number CT P36
Head Position in Stroke Trial (HeadPoST) Pilot Phase
Triple Antiplatelets for Reducing Dependency After Ischaemic Stroke (TARDIS) Safety and Efficacy of Intensive vs Guideline Antiplatelet Therapy in High Risk Patients With Recent Ischaemic Stroke or Transient Ischaemic Attack: A Randomised Controlled Trial
Kailash Krishnan, Sally Utton, Tanya Payne, Sharon Ellender, Margaret Adrian, Aimee Houlton, Philip M Bath, Univ of Nottingham, Nottingham, United Kingdom

Wake Up Symptomatic Stroke in Acute Brain Ischemia
Tareq Kass-Hout, Emory, Atlanta, GA; Kenneth Snyder, Adnan Siddiqui, Elad Levy, Univ at Buffalo, Buffalo, NY

Adequacy of Allen and Siriraj Score for TIA patient: Differentiation of Stroke Patients
DaiHai Choi, Korean Society of Emergency Med, Gyeongju, Korea, Republic of
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FACULTY

The list of faculty includes invited speakers and moderators for the International Stroke Conference, the ISC Pre-Conference Symposium, and the State-of-the-Science Stroke Nursing Symposium. The American Heart Association/American Stroke Association would like to thank these faculty members for supporting the stroke medical community with their time and expertise.

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CEDARS-SINAI.
LEADING THE QUEST IN STROKE CARE.

- Cedars-Sinai has been certified by Joint Commission as a Primary Stroke Center since 2008.
- Cedars-Sinai has received the American Heart Association/American Stroke Association Get With The Guidelines®—Stroke Gold or Gold Plus award annually since 2005.
- The Chair of the Department of Neurology, Patrick Lyden, MD, is a leading research expert on cerebrovascular disease and potential treatments for stroke.
- Michael Alexander, MD, Director of the Cedars-Sinai Neurovascular Center, is the President of the Society of NeuroInterventional Surgery (SNIS).
- Cedars-Sinai is contributing to NIH clinical trials in stroke: SAMMPRIS: Recently confirmed the value of aggressive risk-factor management in stroke prevention.
  ICTuS 2/3: The largest study of hypothermia for acute stroke. Dr. Lyden is the PI of this multicenter protocol, funded through SPOTRIAS grants from NINDS to the University of California, San Diego and the University of Texas at Houston.
  CLEAR IVH: A study using recombinant tissue plasminogen activator ICH, IVH and hydrocephalus. The aim of the study is to determine whether rapid removal of IVH clot with low-dose rtPA improves modified Rankin scores at six months compared to subjects treated with best medical care alone.
  MR WITNESS: A multi-center, open-label, Phase IIa safety study in adult acute ischemic stroke patients. The study is designed to investigate safety in using diagnostic MRI to select patients for thrombolytic therapy when the last known well time places the patient beyond the current IV thrombolytic time-window.

CEDARS-SINAI TEAM:
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The American Heart Association and American Stroke Association recognizes the hospital for achieving 85% or higher adherence to all Get With The Guidelines—Stroke Performance Measurement indicators for consecutive 12 month periods and 75% or higher compliance with 6 of 10 Get With The Guidelines Stroke Quality Measures to improve quality of patient care and outcomes.