The mission of the American Heart Association/American Stroke Association is “building healthier lives, free of cardiovascular diseases and stroke.”

The American Heart Association/American Stroke Association is grateful to the members of the International Stroke Conference 2011 Program Committee for their dedication and leadership provided throughout the year in planning the program.

Program Committee

Lewis B Morgenstern, MD, FAHA, Chair
Steven Greenberg, MD, PhD, Vice Chair
Felipe Albuquerque, MD
Andrei Alexandrov, MD
Bill Armstead, PhD, FAHA
Kyra Becker, MD
Bob Carter, MD, PhD
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Frank M Faraci, PhD, FAHA
Larry Goldstein, MD, FAAN, FAHA
Nicole R Gonzales, MD
Murat Gunel, MD, FACS
Mary Haan, MPH, DrPH
Patricia D Hurn, PhD, FAHA, Past Chair
Rebecca Ichord, MD
Pooja Khatri, MD, FAHA
Christopher Moran, MD
Randolph J Nudo, PhD
Bruce Ovbiagele, MD, FAHA
Aman Patel, MD
Peter Rasmussen, MD
Raj Ratan, MD, PhD
Gustavo C Roman, MD, FACP, FAAN
Peter A Sandercock, MD, FRCP
Jeffrey L Saver, MD, FAHA, FAAN
Phillip A Scott, MD, FAHA
Jiguang Wang, MD, PhD
Sue Wehner, PhD, RN, MSN, NP
Sam (Osama) Zaidat, MD

Abstract Grading Consultants

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Sam (Osama) Zaidat, MD
<table>
<thead>
<tr>
<th>COMMITTEE MEMBER</th>
<th>CONFLICT OF INTEREST</th>
</tr>
</thead>
<tbody>
<tr>
<td>Felipe Albuquerque</td>
<td>F Albuquerque: Consultant/Advisory Board; Modest; EV3.</td>
</tr>
<tr>
<td>Bill Armstead</td>
<td>W Armstead: Research Grant; Significant; NIH RO1 NS53410.</td>
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<tr>
<td>Kyra Becker</td>
<td>KJ Becker: Research Grant; Significant; NINDS. Speakers Bureau; Modest; Bristol-Myers Squibb, Sanofi-Aventis. Consultant/Advisory Board; Significant; Affymax.</td>
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<tr>
<td>Andrew Demchuk</td>
<td>AM Demchuk: Research Grant; Modest; Co-Principal Investigator, SPOTLIGHT trial, Canadian Institutes of Health Research. Ownership Interest; Modest; Calgary Scientific Inc.</td>
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<tr>
<td>Frank M Faraci</td>
<td>FM Faraci: Research Grant; Significant; NIH Grant NS-24621. Honoraria; Significant; AHA Honoraria – Assoc Editor.</td>
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<tr>
<td>Larry Goldstein</td>
<td>LB Goldstein: Consultant/Advisory Board; Modest; Advisory Board for Allergan, Boehringer-Ingelheim, Pfizer, Merck. Research Grant; Significant; ASA-Bugher Stroke Prevention Research Center Award. Research Grant; Modest; NIH. R Other Research Support; Modest; Pfizer. Other; Modest; Abbott, AGA Medical, Pfizer.</td>
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<tr>
<td>Nicole R Gonzales</td>
<td>NR Gonzales: Research Grant; Significant; NIH/NCRR 1KL2 RR024149.</td>
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<tr>
<td>Steven Greenberg</td>
<td>SM Greenberg: Honoraria; Modest; Medtronic. Consultant/Advisory Board; Modest; Bristol-Myers Squibb Company, Janssen Alzheimer Immunotherapy, Roche Pharmaceuticals. Research Grant; Significant; NIH Grant.</td>
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<tr>
<td>Murat Gunel</td>
<td>M Gunel: Research Grant; Significant; NIH.</td>
</tr>
<tr>
<td>Patricia D Hurn</td>
<td>PD Hurn: Research Grant; Modest; NIH grants NR03521.</td>
</tr>
<tr>
<td>Rebecca Ichord</td>
<td>RN Ichord: Consultant/Advisory Board; Modest; Clinical Event Committee Member, Berlin Heart VAD trial, Berlin Heart Clinical Event Committee. Research Grant; Significant, NIH RO1 NS050488</td>
</tr>
<tr>
<td>Pooja Khatri</td>
<td>P Khatri: Consultant/Advisory Board; Modest; Otsuka Pharmaceuticals. Research Grant; Significant; NIH/NINDS K23; NIH/NINDS IMS III Trial. Honoraria; Modest; American Academy of Neurology.</td>
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<tr>
<td>Christopher J Moran</td>
<td>C Moran: Consultant/Advisory Board; Modest; Boston Scientific. Consultant/Advisory Board; Significant; EV3, Codman.</td>
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<tr>
<td>Lewis B Morgenstern</td>
<td>LB Morgenstern: Research Grant; Significant; NINDS.</td>
</tr>
<tr>
<td>Randolph Nudo</td>
<td>R Nudo: Research Grant; Significant; NIH research and training grants, Department of Defense research grants.</td>
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<tr>
<td>Aman Patel</td>
<td>AB Patel: Consultant/Advisory Board; Modest; Codman Neurovascular.</td>
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<tr>
<td>Peter Rasmussen</td>
<td>P Rasmussen: Ownership Interest; Significant; ev3. Speakers Bureau; Modest; Consulting Radiologists, Possis Medical, Penumbra Medical.</td>
</tr>
<tr>
<td>Peter A Sandercock</td>
<td>PA Sandercock: Other; Modest; Member of independent DSMB for RELY trial, member of Independent DSMB for STABILITY and SOLID-TIMI52 trials.</td>
</tr>
<tr>
<td>Jeffrey L Saver</td>
<td>JL Saver: Consultant/Advisory Board; Modest; NIH, Boehringer Ingelheim, Ferrer, Concentric Medical, Harvard Medical School, CoAxia, AGA Medical, Pfizer. Speakers Bureau; Modest; American Academy of Neurology. Other; Modest; ev3, Concentric Medical, WebMD, MedReviews, Telecris.</td>
</tr>
<tr>
<td>Phillip A Scott</td>
<td>PA Scott: Research Grant; Significant; Michigan Department of Community Health. Research Grant; Modest; MDCH. Other; Significant; NIH/NINDS, Michigan Dept of Community Health.</td>
</tr>
<tr>
<td>Jiguang Wang</td>
<td>J Wang: Research Grant; Significant; Novartis, Omron, Pfizer. Speakers’ Bureau; Significant; Novartis, Omron, Pfizer.</td>
</tr>
<tr>
<td>Sam (Osama) Zaidat</td>
<td>O Zaidat: Consultant/Advisory Board; Modest; Micrus, Boston Scientific, Cordis.</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 below.
The American Stroke Association
is grateful for the continued support and generosity of the following companies:

Boehringer Ingelheim Pharmaceuticals, Inc
Bristol-Myers Squibb/Sanofi Pharmaceuticals Partnership
Cedars-Sinai Medical Center
Codman, a Johnson & Johnson Company
Genentech, a Member of the Roche Group
Pfizer, Inc
Wolters Kluwer Health Medical Research
Dear Colleague:

Welcome to the International Stroke Conference 2011! 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 ISC 2011 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 provides unique opportunities to meet with colleagues from around the world with wide-ranging research interests and expertise in stroke prevention, diagnosis, treatment and rehabilitation. Last year’s professional attendance was one of the highest in the conference’s history. This year we anticipate more than 4,000 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 2011 program offers a pre-conference nursing symposium and, new this year, a pre-conference emergency medicine, general neurology and primary care physician symposium. The ISC will include invited symposia, debates, oral scientific abstract presentations and posters, as well as special lectures on recent advances and state-of-the-art technologies. This conference is intended for neurologists, neurosurgeons, radiologists, emergency medicine physicians, physiatrists, nurses, rehabilitation therapists, 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-Art Stroke Nursing Symposium will be held Feb 8, 2011. The program will include topics in: Clinical Research and Practice; Essentials of Standard Clinical Practice and Stroke Center Development; Rehabilitation and Recovery; and Professional Development

The new pre-conference emergency medicine, general neurology and primary care physician symposium will highlight scientific advances in cerebrovascular disease while emphasizing their application in the real world. A main focus will be on optimizing evidence-based management (TIA work-up, thrombolytic treatment, basic CT/MRI interpretation, and more) of the stroke or TIA patient encountered in the emergency department.

The International Stroke Conference will feature special symposia on a number of topics including: Stem Cell Therapy for Stroke; Endovascular Management of SAH; Carotid Angioplasty and Stenting Versus Endarterectomy (Debate); Imaging in Acute Ischemic Stroke Trials; Cerebral Amyloid Angiopathy; Early DNR Orders in ICH (Debate); Evidence-Based Nursing; Stroke Issues in the Elderly; Gender Differences in Stroke; Vascular Cognitive Impairment and Depression; Emergency Medical Services

This year, not only will you have the opportunity to experience exceptional education and cutting edge technology, you will also have the chance to see the exciting international city of Los Angeles.

Thank you for joining us for this unique event. For the most current conference information, please visit strokeconference.org. And don’t forget to mark your calendar for next year, Feb 1 – 3, 2012, in New Orleans, Louisiana.

Sincerely,

Lewis Morgenstern, MD, FAHA  
Chair, Stroke Council Program Committee

Dear Conference Attendees:

Welcome to the International Stroke Conference 2011. Once again we come together to learn and share. The scientific and clinical content presented at this conference provides the basis for the American Stroke Association’s ongoing professional education programs. 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.

I would like to draw your attention to the special awards and lectures that are hallmarks of the International Stroke Conference. These include the William M Feinberg Award for Excellence in Clinical Stroke, the Robert G Siekert New Investigator Award in Stroke, the Mordecai Y T Globus New Investigator Award, the Stroke Care in Emergency Medicine Award, the David G Sherman Lecture and the Willis Lecture.

A reminder that seating is limited and tickets are required for some of the additional activities sponsored by the Stroke Council. If you haven’t done so already, I urge you to register for these informative events which provide you with opportunities to network with colleagues from around the world.

- Nursing and Rehabilitation Professions Luncheon  
  Wednesday, Feb 9, 2011, 12:40 - 2:00 pm

- Fellow and Early Career/Stroke Leader Roundtable Luncheon  
  Wednesday, Feb 9, 2011, 12:40 - 2:00 pm

- Fellow and Early Career Luncheon: Finding and Walking the Various Career Paths in Stroke: Stories of Younger Faculty  
  Thursday, Feb 10, 2011, 12:40 - 2:00 pm

And finally, stop by the American Stroke Association Headquarters Booth (exhibit booth #427) to pick up valuable information on a wide variety of programs, products and services offered by the Association. Make the most of your experience here at the International Stroke Conference and welcome to Los Angeles!

Sincerely,

Laura M. Sol  
Vice President, American Stroke Association
International Stroke Conference

February 9 – 11
Los Angeles Convention Center
Los Angeles, California

Program Description
This 2½-day conference provides a forum in which to present recent scientific work related to stroke and cerebrovascular disease. More than 1,000 abstract presentations, lectures and debates will be featured. This year, special symposia and debates will focus on numerous topics including: stem cell therapy for stroke; early DNR orders in ICH (debate); gender differences in stroke; changing hospital stroke treatment systems; stroke issues in the elderly; health systems factors influencing stroke outcome; vascular cognition and depression; stroke and genetics; evidence-based nursing; carotid angioplasty and stenting versus endarterectomy (debate); clinical implications of reperfusion injury; flow diversion: a new way to treat intracranial aneurysms (debate); emergency medical services; task-oriented training for motor restoration; management of asymptomatic small cerebral arteriovenous malformations; and perfusion imaging in acute stroke (debate). Sessions in clinical categories will center on diagnosis, acute management, in-hospital treatment, rehabilitation and recovery, pediatric stroke, prevention, community/risk factors, nursing, emergency medicine, outcomes and vascular cognitive impairment. Sessions in surgical and interventional categories will focus on aneurysm, carotid revascularization, intracranial atherosclerotic occlusive disease, ischemic stroke intervention, SAH management and vascular malformations.

Program Objectives
The conference provides an educational experience for neurologists, neurosurgeons, neurointerventionalists, neuroradiologists, endovascular specialists, physiatrists, emergency medicine specialists, primary care physicians, nurses, pharmacists, allied health professionals, and basic researchers in the major fields of cerebrovascular disease: experimental models and translational research, physiology, pathology, diagnosis, treatment, prevention and rehabilitation. At the conclusion of the conference, learners should be able to:

- Apply 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.
- Create a forum for the exchange of new research, treatment and intervention by scientists and investigators working in all areas of cerebrovascular disease.

Learning Objectives
After attending the International Stroke Conference, participants will be able to

- Describe the most recent stroke clinical trials that may impact stroke care.
- Interpret neurovascular treatments and interventions new in stroke care.
- Appraise key findings in translational and clinical stroke research.
- Compare and contrast stroke in women, children and minorities.
- Debate epigenetics and stroke prevention.
- Assess stroke systems of care networking through technology.
- Summarize novel areas of clinical and experimental stroke recovery and rehabilitation.

International Stroke Conference Abstracts
Abstracts from the International Stroke Conference 2011 will be published online only in February 2011 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. Complimentary copies of Abstracts on CD-ROM will be available on-site at Booth 301 in the Science and Technology Hall (Hall J.)

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

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

The American Heart Association designates this educational activity for a maximum of 20.25 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

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

The maximum number of hours awarded for this CE activity is 20.00 continuing education contact hours.

Accredited status does not imply endorsement by the American Heart Association or the American Nurses Credentialing Center of any commercial products displayed in conjunction with an activity.

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.

Continuing Medical Education Accreditation – American Association of Neurological Surgeons
The AANS recognizes this activity for a maximum of 20.25 AMA PRA Category 1 CME credits™ towards the Continuing Education Award in Neurosurgery for the AANS. To add credits to your file, please forward a copy of your International Stroke Conference Certificate of Credit to the AANS. Allow four to six weeks for processing. Please mail, fax or e-mail a copy of your certificate of credit to:

AANS
Member Services Department
5550 Meadowbrook Drive
Rolling Meadows, IL 60008
Fax: 847-378-0638
E-mail: cme@aans.org

Successful completion of this CME/CE activity includes the following:

1. Attend the program lecture and/or poster sessions.
2. Complete the activity evaluation survey and claim CME/CE credit online at learn.heart.org.
3. Statements of credit may be printed on your printer following completion of the required information. 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 2011 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. However, all embargoes for abstracts will lift by 3 pm PT on the day they are presented.

**General Information**

**AHA Research Funding Opportunities**
The American Heart Association funds research broadly related to cardiovascular disease and stroke. The association supports research in clinical and basic sciences, bioengineering, biotechnology and public health. The AHA is a strong supporter of stroke research. In the past 5 years, the AHA has funded over $127 million in research closely related to stroke and another $338 million in broadly stroke-related research. Proposals for stroke research funding are reviewed by experts in the field, with fundability determined by peer review criteria, not by science focus.

For more information about our funding opportunities and upcoming application deadlines, please visit our Web site at my.americanheart.org 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 427 (in the Science and Technology Hall – Hall J)
Hours: Wednesday and Thursday, 10:00 am – 4:00 pm

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

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

**CME/CE Credit**
Visit learn.heart.org beginning FRIDAY, FEBRUARY 25, 2011 AT 12 NOON CST to complete your conference evaluation and claim your CME/CE credits for the conference, pre-conference symposium and/or nursing symposium. International attendees may obtain an attendance verification form at one of the self-service terminals in Registration, located in the South Lobby, Level One.

**Conference Bags**
A complimentary conference bag will be available to registered attendees of the International Stroke Conference at Registration, located in the South Lobby, Level One, of the Los Angeles Convention Center. Supplies are limited.

**Dining/Concessions**
Concessions, including coffee and other beverages, will be available for purchase throughout the convention center.

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

**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.

**International Lounge**
International attendees – don’t forget to stop by the International Lounge at ISC. Located in the Concourse Foyer, Level One near the West Lobby, this is a place to meet and mingle with other international attendees and stroke leaders at the conference. International attendees may obtain an attendance verification form at one of the self-service terminals in Registration, located in the South Lobby, Level One.

**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**
Please report emergencies to the nearest security guard or the Show Office, Room 404 AB on the Meeting Room Level.

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

- **Abstracts on CD-ROM** — This complimentary CD-ROM allows you to search for abstracts by full text, author, title or topic. A limited number of CD-ROMs are available at Booth 301 in the Science and Technology Hall.

- **Communication Center** — Internet access, conference messaging, a people search and the Science and Technology Hall floor plan are available together in the South Lobby, Upper Level.

- **Core Collection 2011 on CD-ROM** — All AHA/ASA scientific statements and practice guidelines are included on this complimentary, customizable CD-ROM. A limited number of these CD-ROMs are available at the American Stroke Association’s HeadQuarters Booth 427.
**E-Posters** — A different way for attendees to view poster presentations. Posters presented during the International Stroke Conference will be available during the meeting electronically at work stations in the Poster Hall (Hall H) and at strokeconference.org. Attendee login is required.

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

**Mobile Meeting Guide** — Use the ASA mobile meeting guide for on-the-go access to meeting information with your handheld device or smartphone. Available at strokeconference.org. Helpful staff are available at the ASA HeadQuarters Booth 427 to answer questions.

**News Media**
From Feb. 9 – 11, for media interviews, news conferences or inquiries about news releases, contact News Media Headquarters, Room 402 AB.

**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.

**Opening Night Networking Reception**
Join your fellow attendees at the Opening Night Networking Reception on Wednesday, Feb. 9 from 7:00 pm – 8:30 pm at the exciting Conga Room at LA Live, within steps of the convention center. Ticket includes hors d’oeuvres and two drink tickets. Tickets may be purchased for $60 at Registration in the South Lobby, Level One. You must have a ticket to attend this event.

**Photography of Attendees**
During the International Stroke Conference, attendees, vendors, guests and others may be photographed and videotaped by AHA/ASA vendors in capturing the event. Some of these photographs or videos may be displayed by the AHA/ASA in future publications or materials connected with the event. If you do not want your image to be displayed by the AHA/ASA, please contact the AHA/ASA in writing (at 7272 Greenville Avenue, Dallas, TX 75231, attention International Stroke Conference Meetings Department) no later than March 11, 2011.

**Photography and Audio/Video Recording**
Unauthorized recording of the American Heart Association Scientific Sessions, scientific conferences and 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 aggressive education and awareness campaign that embraces and celebrates the culture, energy, creativity and lifestyles of Americans. It unites people to help make an impact to reduce the high incidence of stroke within their communities.

In February 2010, we launched a new initiative called Take 2 To Save 2. We ask individuals to take two minutes to send health messages to at least two people you know who are at risk for stroke. To learn more, visit www.powertoendstroke.org/take2. The American Heart Association has created special health messages that easily allow you to send them to people you care about. You can pick a message and send it out in numerous ways – e-mail, text, telephone call or tweet. You can also donate your Facebook status for the day to get these great messages out to those you love. Follow us on Twitter (Power2EndStroke) or become a Facebook Fan (www.facebook.com/YouHaveThePower).

**Registration**

**On-site Registration Hours** — On-site registration will take place in the South Lobby, Level One, at the Los Angeles Convention Center during the days and hours listed below:

- Tuesday, Feb 8 7:00 am–5:00 pm
- Wednesday, Feb 9 7:00 am–5:00 pm
- Thursday, Feb 10 7:00 am–5:00 pm
- Friday, Feb 11 7:00 am–12 noon

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

**Registration Refund/Cancellation Policy** — Registrants who cancel must request a refund of fees paid in writing. Cancellation requests received at Convention Data Services by Jan 19, 2011, midnight EST will be processed, less a $50 administrative fee. No refunds will be made after Jan 19, 2011. Purchased meal tickets are refundable only until Jan 19. Refunds will not be granted for no-shows after the conference. No refunds will be issued on-site.

**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 Night**
Thursday, Feb 10: Join your fellow attendees for Restaurant Night at ISC 2011. Buses will drop attendees off at one of three exciting area locations. See the sites and have dinner at one of the many fine dining establishments the area has to offer. You must sign up for a specific bus in advance. Additional information and the Restaurant Night Bus Sign-Up Sheet can be found at the Restaurant Reservations Booth at South Lobby, Level One.

Buses will take attendees to one of the following locations:

- **Santa Monica:** Will drop off at 3rd Street Promenade and guests may walk to Pier if so desired.
- **Pasadena:** Will drop off in Old Town at Fair Oaks and Colorado and guests may choose their destination.
- **Hollywood:** Will drop off at Hollywood & Highland and guests may choose their destination.

Attendees will be picked up at 7:00 pm from the Los Angeles Convention Center after the Poster Session ends; collection from the drop-off/pick up location will be at 10:00 pm. Please note that you must be at the drop off/pick-up location by 10:00 pm at the latest as the bus will leave at that time. If you are not on the bus by 10:00 pm, you will be responsible for making your own way back to your hotel.

**Restaurant Reservations**
Visit the South Lobby, Level One, for information and reservations at the many fine restaurants in Los Angeles and to pick up city attraction guides and brochures.
Safety
Inappropriate behavior or undesirable conduct, including, but not limited to, verbal or physical abuse, whether threatened or performed, will not be permitted or tolerated.

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

Seating
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 409 AB of the Los Angeles Convention Center. All oral presentations will be in electronic format. Projectors for 35-mm presentations are not available. Speakers are required to submit their presentations to the Speaker Resource Center at least 12 hours before session start time. All speakers must check in at Room 409 AB at least two hours before session start time to review their presentations for technical and format issues.

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

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

- Tuesday, Feb 8, 6:30 am–5:00 pm
- Wednesday, Feb 9, 6:00 am–5:30 pm
- Thursday, Feb 10, 6:00 am–5:30 pm
- Friday, Feb 11, 6:00 am–1:00 pm

Stroke OnDemand® Premium – the official conference capture of the International Stroke Conference
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 South Lobby.

Transportation
Ground Transportation
Super Shuttle offers shuttle service between the Los Angeles Airport (LAX) and the conference hotels at a one way fare of $16.00 or $32.00 round trip per person. Purchase tickets online at www.supershuttle.com

The cab fare is approximately $50.00 one way per person.

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 Los Angeles Convention Center
Parking is available 24 hours, 7 days a week at Figueroa Street and Venice Boulevard at the South Hall at a daily non-event flat rate of $12. It is attended daily from 5:30 am – 9:00 pm.

Twitter
Use Twitter to tweet your questions/comments during the meeting or just talk about what is happening at ISC 2011. Use hashtag: #ISC11.

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

Web Resources
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 11 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 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 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 claim CME/CE credits for ISC, the Pre-Conference Symposium and the Nursing Symposium and also complete the conference evaluation.

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 9, 2011, 11:20 am, Hall G
ASA Advisory Committee Update
Hank Wasiak, MBA, New York, NY

Stroke Council Update
Jeffrey L Saver, MD, FAHA, FAAN, Los Angeles, CA

Wednesday, Feb 9, 2011, 11:48 am, Hall G
Robert G Siekert New Investigator Award in Stroke:
How the Heart Whispers to the Brain: Serotonin as Neurovascular Mediator in Patent Foramen Ovale Related Stroke
MingMing Ning, MD, MS, Boston, MA
Fellow and Early Career/Stroke Leader Roundtable Luncheon

Wednesday, Feb 9, 2011, 12:40 – 2:00 pm, Room 403 B

One of the most exciting and motivating experiences for early career professionals is connecting with a successful leader who can provide meaningful mentorship and guidance. This luncheon will provide an informal forum for new connections to be made between early career professionals and leaders in stroke. 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 $20 and seating is limited.

We would like to thank Dr. Michael Weinstein and the Nursing and Rehabilitation Professions Committee for their time and effort in planning this luncheon.

Table Moderators/Leaders
Gregory Albers, MD, Palo Alto, CA
Use of Neuroimaging to Guide Stroke Therapy
William Barsan, MD, FACEP, FAHA, Ann Arbor, MI
Emergency Medicine, Acute Stroke, Clinical Trials
Joseph Broderick, MD, FAHA, Cincinnati, OH
Acute Stroke Trials, Clinical Stroke Research Training
Jun Chen, MD, Pittsburgh, PA
Basic Science Research in Stroke
Sander Connolly, MD, New York, NY
Cerebrovascular Surgery, Ischemia Research
Alexander Dromerick, MD, Washington, DC
Rehabilitation
Thomas Hemmen, MD, PhD, San Diego, CA
Acute Stroke, Telemedicine
Brian Hoh, MD, Gainesville, FL
Endovascular, Neurosurgery

Karen Johnston, MD, FAHA, Charlottesville, VA
Clinical Trials, Clinical Research, Career Development
Walter Koroschetz, 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 Imaging
Helmi Lutsep, MD, FAHA, Portland, OR
Acute Stroke
Arthur Pancioli, MD, FAHA, Cincinnati, OH
Emergency Medicine, Acute Stroke Treatment, Acute Stroke Treatment Trials
Adnan Qureshi, MD, FAHA, Minneapolis, MN
Interventional Neurology
Phillip Scott, MD, FAHA, Ann Arbor, MI
Emergency Medicine, Clinical Trials, Community-based Research, GIS Research, Acute Stroke
Gene Sung, MD, MPH, Los Angeles, CA
Neurocritical Care
Gregory Zipfel, MD, Saint Louis, MO
Cerebrovascular Neurosurgery

Thursday, Feb 10, 2011, 11:00 am, Hall G
Mordcaiy Y T Globus New Investigator Award in Stroke: Familial Intracranial Aneurysms: Is Anatomic Vulnerability Heritable?
Jason Mackey, MD, Cincinnati, OH

Thursday, Feb 10, 2011, 11:14 am, Hall G
Stroke Care in Emergency Medicine Award presented by the Annals of Emergency Medicine and AHA/ASA: Reperfusion Therapy in Acute Ischemic Stroke with Unclear Onset by MRI Evaluation (RESTORE)
Dong-Wha Kang, MD, PhD, Seoul, Republic of Korea

Thursday, Feb 10, 2011, 12:06 pm, Hall G
William M Feinberg Award for Excellence in Clinical Stroke: Evolving Stroke: Imaging and Treatment Selection
Stephen M Davis, MD, FRCP, Edin FRACP, FAHA, Victoria, Australia

Thursday, Feb 10, 2011, 12:40 - 2:00 pm, Room 403 B
Fellow and Early Career Luncheon: Finding and Walking the Various Career Paths in Stroke: Stories of Younger Faculty
Moderator: Joseph Broderick, MD, FAHA, Cincinnati, OH

12:45  The Clinical Research Path
Pooja Khatri, MD, FAHA, Cincinnati, OH

12:55  The Laboratory Research Path
Sean I Savitz, MD, FAHA, Houston, TX

1:05  The Neurointerventional Path
Raul G Nogueira, MD, Atlanta, GA

1:15  The Neurocritical Care/Hospitalist Path
Andreas Kramer, MD, Calgary, AB, Canada

1:25  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 $20 and seating is limited.

We would like to thank Dr. Joseph Broderick for his time and effort in planning these Early Career Luncheons.
The Stroke Council of the American Heart Association/American Stroke Association 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 Stroke Council of the American Heart Association/American Stroke Association accepted nominations for the 2011 William M Feinberg Award for Excellence in Clinical Stroke. This award recognizes contributions to the investigation and management of stroke. The 2011 awardee was announced in the fall and will speak during a Plenary Session at the International Stroke Conference.

**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.

**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.

**Stroke Care in Emergency Medicine Award**

The American Heart Association/American Stroke Association, in partnership with the *Annals of Emergency Medicine*, 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. The Stroke Care in Emergency Medicine Award is presented by the *Annals of Emergency Medicine* and AHA/ASA.

**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. This award supports the history and continuity between the first generation of stroke neuroscientists who attended the early years of the International Joint Conference on Stroke and Cerebral Circulation and the future of the ever increasing new generation of stroke neurologists who attend the International Stroke Conference.

**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 Willis Lecture award is the most prestigious presented in conjunction with the annual International Stroke Conference. The recipient is a senior investigator who has made outstanding contributions to the stroke field over a sustained period during his or her career.

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**Posters**

**Professor-Led Poster Tours and Regular Poster Sessions**

During the ISC 2011 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 15 different poster tours to select from during each Poster Tour Session.

To be a part of a Poster Tour, please turn to pg 93 and pg 151 in the Poster Abstracts section of the Final Program and decided which section/category of posters you would like to attend during each of the two Professor 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 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 166 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 H) from 9:00 am – 6:45 pm on Wednesday, Feb 9 and Thursday, Feb 10. The speaker-attended poster sessions will take place at the following times:

- **Wednesday, Feb 9**
  - Professor-Led Poster Tours: 5:45 pm – 6:15 pm
  - Regular Poster Session: 6:15 pm – 6:45 pm

- **Thursday, Feb 10**
  - Professor-Led Poster Tours: 5:45 pm – 6:15 pm
  - Regular Poster Session: 6:15 pm – 6:45 pm

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

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

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**Start Planning Now for the International Stroke Conference 2012!**

**CALL FOR SCIENCE**

**Submit Session Ideas**

Suggested Session Submitter Opens: Monday, Feb 7, 2011
Suggested Session Submitter Closes: Wednesday, March 23, 2011

**Submit Abstracts**

Submission Opens: Wednesday, May 25, 2011
Submission Closes: Tuesday, Aug 16, 2011

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

Submission Opens: Wednesday, Oct 5, 2011
Submission Closes: Wednesday, Nov 2, 2011

The link to submit abstracts and/or session ideas can be found at strokeconference.org on the opening date listed above.
How do you GET MORE out of your career and 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 that are tailored to you and your career stage.

PROFESSIONAL MEMBERSHIP BENEFITS INCLUDE:*  
- Up to $300 in savings on International Stroke Conference 2012 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 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

Join or renew on site and receive one of these free gifts!***

Pullover Jacket — Sizes: XS, Small, Medium, Large, XL
Laptop Case — Fits 15" laptops
Airline Travel Kit — Includes blanket, eye mask and socks

Visit our staff at HeadQuarters Booth 427 to learn more about the benefits of professional membership and join our network of more than 27,000 members today.

* Benefits depend on membership tier.
** Does not apply to general members. Membership must be activated by February 11, 2011 for access.
*** While supplies last.
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The American Heart/American Stroke Association would like to acknowledge the following companies for their generous educational grants in support of the International Stroke Conference 2011:

Codman
a Johnson & Johnson company

Genentech
A Member of the Roche Group

Pfizer
The American Heart/American Stroke Association would like to acknowledge the following companies for their generous educational grants in support of the State-of-the-Art Stroke Nursing Symposium 2011:

Genentech
A Member of the Roche Group

Pfizer
The American Heart Association/American Stroke Association is grateful to the members of the 2011 State-of-the-Art 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, Co-Chair  
Debbie Summers, RN, MSN, CNRN, CCRN, FAHA, ARNP, Co-Chair  
Jennifer Cohn, MS, BSN, MSN  
Lisa Davis, MSN, RN, CCRN  
Wende Fedder, RN, MBA, FAHA  
Rosemarie King, RN, PhD, FAHA, Past Co-Chair  
Barbara Lutz, PhD, RN, CRRN  
Sharon Ostwald, PhD, RN  
Sue Wehner, PhD, RN, MSN, NP (ISC Program Committee Liaison)

**Abstract Graders**
Tamilyn Bakas, RN, FAHA  
Terrie Black, MBA, BSN, RN, BC, CRRN  
Smi Choi-Kwon, PhD  
Patricia Clark, PhD, RN, FAHA  
Jennifer Cohn, RN, MSN, CCRN  
Virginia S Daggett, PhD(c), RN  
Lisa Davis MSN, RN, CCRN  
Wende N Fedder, RN, BSN, MBA, FAHA  
Debbie Ferguson, MSN, RN, CCRN, CNRN  
Joan Grant, RN  
Millie Hepburn, APRN-BC, MSN  
Janice L Hinkle, RN, PhD, FAHA  
Margaret Kelly-Hayes, EdD, RN, FAAN  
Rosemarie King, RN, PhD, FAHA  
Barbara Lutz, RN, PhD, CRRN  
Barbara Mancini, BSN, MBA, CNRN, NEA-BC  
Lori M Massaro, MSN, CRNP  
Elaine T Miller, DNS, RN, CRRN, FAHA, FAAN  
Pamela H Mitchell, RN  
Kathleen Murphy, PhD, MS, GNP, CNS  
Sharon K Ostwald, PhD, RN, FGSAS  
Linda L Pierce, PhD, RN, CNS, CRRN, FAHA  
Sue Pugh RN, MSN, CRRN, CNRN  
Karen L Saban, PhD, APRN, CCRN  
Arlene A Schmid, PhD, OTR  
Kathy Stevens, PhD, RN, CRRN  
Debbie R Summers, RN, MSN, CNRN, CCRN, FAHA, ARNP,  
Sponsored by the American Heart Association's Stroke Nursing Committee of the Council on Cardiovascular Nursing and cosponsored by the Preventive Cardiovascular Nurses Association.

**Symposium Description**
The State-of-the-Art 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.
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 2011 Learning Objectives**
1. Define the standard of care management for children with an acute stroke.
2. Describe the latest rehabilitation clinical trials in acute stroke.
3. Assess the clinical issues and safety concerns with drip and ship thrombolytic therapy.
4. Explain TIA management utilizing risk stratification.
5. Use advanced stroke concepts including:
   a. Stress management in stroke survivors and caregivers
   b. Stress and inflammation in stroke survivors and caregivers
   c. Innovative community stroke education
6. Define the essentials of standard clinical practice and stroke center development including:
   a. Competing hospitals collaborate to improve stroke care
   b. Neuro hospitalist impact on a stroke program
   c. The impact of a TIA clinic on stroke prevention
7. Explain stroke rehabilitation and recovery including:
   a. Newly published stroke rehabilitation guidelines
   b. Health and fitness for stroke survivors
   c. Diversity in stroke prevention: examples from a Latino community
8. Apply professional development including:
   a. Publication of a manuscript
   b. Reading and critiquing clinical research

**Continuing Education Accreditation – Nurses**
American Heart Association is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center’s Commission on Accreditation. The maximum number of hours awarded for this CE activity is 6.50 contact hours.

Accredited status does not imply endorsement by the American Heart Association or the American Nurses Credentialing Center of any commercial products displayed in conjunction with an activity.

**TUESDAY, FEBRUARY 8**

**8:30 am – 12:00 pm**
**Plenary Session**
**Hall K**
**Moderators:** Debbie R Summers, RN, MSN, FAHA, ARNP, Kansas City, MO
Terrie Black, MBA, BSN, RN, BC, CRRN, Williamsville, NY

8:30 **Opening Remarks**
Sandra Dunbar, RN, FAHA, FAAN, Atlanta, GA

8:35 **Program Announcements**
Barbara Lutz, PhD, RN, CRRN, Gainesville, FL

8:40 **Stroke Article of the Year Award**
N Jennifer Klinedinst, PhD, MSN, MPH, RN, Atlanta, GA

8:50 **Dilemmas in Childhood Stroke**
Rebecca N Ichord, MD, Philadelphia, PA

9:30 **Stroke Rehabilitation Clinical Trial Update**
Pamela W Duncan, PhD, PT, FAHA, Durham, NC

10:10 **Discussion**

**10:20 am – 10:40 am**
**Short Break**

**10:40** **Drip and Ship Thrombolytic Therapy**
Jennifer Cohn, MS, BSN, MSN, Indianapolis, IN

11:20 **TIA Risk Stratification**
Susan E Wehner, PhD, RN, MSN, NP, Saginaw, MI

11:55 **Discussion**

**12:00 pm – 1:30 pm**
**Lunch**

**1:30 pm – 5:30 pm**
**Concurrent A – Room 502 B**
**Advanced Stroke Concepts: Topics in Clinical Research and Practice**
**Moderator:** Lisa Davis, MSN, RN, CCRC, Bethesda, MD

1:30 **Stress Management in Stroke Survivors and Caregivers**
Sharon Ostwald, PhD, RN, Houston, TX

2:15 **SWALLOW-3D, a Simple 2-minute Bedside Screening Test, Detects Dysphagia in Acute Stroke Patients With High Sensitivity When Validated Against Video-Fluoroscopy**
Jeff M Edmiaston, Lisa T Connor, Andria L Ford, Washington Univ, Saint Louis, MO

2:30 **Stress and Inflammation in Stroke Survivors and Caregivers**
Karen L Saban, PhD, APRN, CNRN, Maywood, IL

3:00 **We Can Hear (and See) You Now: Telestroke Increases tPA Use for Ischemic Stroke**

3:15 pm – 3:45 pm
**Break**

3:45 **Post-Graduate Academic Neurovascular Fellowship Education for APNs and PAs: Impact on First-Year Graduates and Sponsoring Physicians**
Anne W Alexandrov, Univ of Alabama at Birmingham, Birmingham, AL; Tenisha Baca, Arizona State Univ, Phoenix, AZ; Karen C Albright, Univ of Alabama at Birmingham, Birmingham, AL; Stephen DiBiase, Arizona State Univ, Phoenix, AZ; Limin Zhao, Andrei V Alexandrov, Univ of Alabama at Birmingham, Birmingham, AL; NET SMART Faculty and Fellows

4:00 **Missed Opportunities for Recognition of Ischemic Stroke in the Emergency Department**
Natasha M Lever, Yale-Univ Sch of Nursing, New Haven, CT; Karin V Nystrom, Yale-New Haven Hosp, New Haven, CT; Joseph L Schindler, Charles R Wira III, Janet R Halliday, Norman S Werdiger, Yale-Univ Sch of Med, New Haven, CT; Marjorie Funk, Yale-Univ Sch of Nursing, New Haven, CT

4:15 **Innovative Community Stroke Education**
Susan Savastuk, RN, Bloomington, IN

5:00 **Discussion**

5:30 **Adjourn**
1:30 pm – 5:30 pm
Concurrent C – Room 515 B
Rehabilitation and Recovery: An Ongoing Process
Moderator:  Terrie Black, MBA, BSN, RN, BC, CRRN, Williamsville, NY
1:30 Stroke Rehabilitation Guidelines
Elaine T Miller, DNS, RN, CRRN, FAHA, FAAN, Cincinnati, OH
2:15 The Positive Impact of the Stroke Nurse Navigator’s Advocacy on Stroke Patient’s Compliance Post-Discharge
Tonya Deen, Theresa Terna, Mona Olges, Brian Leahy, Wende Fedder, Alexian Brothers Medical Ctr, Elk Grove Village, IL
2:30 Health and Fitness for Stroke
Carolyn Mueller, MS, CTP, Chicago, IL
3:00 Augmented Visual Feedback Affects Endpoint Stiffness Control in Chronic Stroke Survivors during Learning of Reaching Movements in a Dynamic Environment
Mukul Mukherjee, Panagiotis Koutakis, Univ of Nebraska at Omaha, Omaha, NE; Pierre Fayad, Univ of Nebraska Medical Ctr, Omaha, NE; Nicholas Stergiou, Univ of Nebraska at Omaha, Omaha, NE
3:15 pm – 3:45 pm
Break
3:45 Focus on our Future: School-Aged Stroke Education
Gayle Watson, Susan Schmitt, Kathy Morrison, Judy Dillon, Penn State Hershey Medical Ctr, Hershey, PA
4:00 Combined Adaptive Physical Activity and Treadmill Training in Stroke
Kathleen M Michael, Jeffrey Beans, Andrew P Goldberg, Richard Macko, Univ of Maryland, Baltimore, MD
4:15 Diversity in Stroke Prevention: Examples from a Latino Community
Stephanie Vaughn, PhD, MSN, CRRN, Fullerton, CA
5:00 Discussion
5:30 Adjourn
1:30 pm – 5:30 pm
Concurrent D – Room 502 A
Professional Development
Moderator:  Susan E Wehner, PhD, RN, MSN, NP, Saginaw, MI
1:30 The Stroke of a Pen: Getting a Manuscript Published, Practical Tools and Advice from a Novice and Expert
Patricia Clark, PhD, RN, FAHA, Atlanta, GA; Dawn Aycock, RN, MSN, Atlanta, GA
2:30 Discussion
3:15 pm – 3:45 pm
Break
3:45 How to Read/Critique Clinical Research
Sandra Dunbar, RN, DSN, FAHA, FAAN, Atlanta, GA
4:45 Discussion
5:30 Adjourn
The American Heart/American Stroke Association would like to acknowledge the following companies for their generous educational grants in support of the ISC Pre-Conference Symposium, Stroke in the Real World: Advances in Emergency Treatment and Prevention 2011:

Bristol-Myers Squibb
Sanofi Aventis
Genentech
A Member of the Roche Group
Pfizer
2010 AHA Guidelines for CPR & ECC and Handbook of ECC for Healthcare Providers

Millions of healthcare professionals worldwide rely on the AHA Guidelines for CPR & ECC and the Handbook of Emergency Cardiovascular Care for Healthcare Providers.

The Guidelines are the cornerstone of the lifesaving CPR training materials produced by the American Heart Association and are updated every five years. They reflect new global resuscitation science and treatment recommendations as agreed upon by leading scientists, researchers, healthcare providers and first responders.

The Handbook of ECC for Healthcare Providers, created from the Guidelines, is a vital reference for all emergency healthcare providers. This tool provides quick access to the latest lifesaving resuscitation science and treatment information.

For more information on the 2010 AHA Guidelines, call 1-877-AHA-4CPR or visit www.heart.org/eccguidelines

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PRE-CONFERENCE
ISC Pre-Conference Symposium 2011

Stroke in the Real World: Advances in Emergency Treatment and Prevention
Tuesday, Feb 8, 2011
Los Angeles Convention Center
Los Angeles, CA

The American Heart Association/American Stroke Association is grateful to the members of the ISC Pre-Conference Symposium 2011 Program Committee for their dedication and leadership provided throughout the year in planning the program.

Program Committee
Bruce Ovbiagele, MD, MSc, FAHA
Ted Wein, MD, FRCPC, FAHA
Vena Ricketts, MD, FACEP
Steven Greenberg, MD, PhD
Lewis Morgenstern, MD, FAHA

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. This one-day symposium highlights scientific advances in cerebrovascular disease while emphasizing their application in the real world. The symposium informs the audience about issues along the full continuum of stroke care, and covers varied topics of interest to healthcare providers working in the emergency department, hospitalist settings, primary care, general neurology, pharmacies, and other stroke care arenas. This year, a main focus will be on optimizing evidence-based management (TIA work-up, thrombolytic treatment, basic CT/MRI interpretation, and more) of the stroke or TIA patient encountered in the emergency department. There will also be a discussion of the implications of the most recent stroke prevention trials and an opportunity to have your own most challenging stroke cases discussed by renowned stroke experts.

Learning Objectives
After participating in this activity, participants will be able to:
- Discuss new recommendations for the administration of tPA in acute stroke patients.
- Identify opportunities within their own institution to improve adherence to national guidelines for stroke care.
- Describe the incidence and presentation of stroke in women.
- Discuss recent data regarding the use of telestroke medicine and “drip-and-ship” protocols.
- Identify opportunities to improve communication regarding stroke patients with vascular neurologists, including the use of telestroke protocols.
- Identify opportunities for secondary stroke prevention within the emergency department.

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.

The American Heart Association designates this educational activity for a maximum of 6.00 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.
Challenge Your Diagnostic Skills at Activase Booth No. 209
Challenge Your Diagnostic Skills at Activase Booth No. 209
Clinical Science

30 31

For changes to the program made since the Final Program was printed, please check the online Program 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 9

7:30 am – 9:00 am

Session I: Concurrent Symposia A

4 Common Questions in Stroke Prevention
Room 152

Moderators: Karen L Furie, MD, MPH, FAHA, Boston, MA
Angel Chamorro, MD, PhD, Barcelona, Spain

7:30 Who – If Anyone – Should Take Aspirin for Primary Stroke Prevention?
Louise Bowman, BA, MBBS, MRCP, MD, Oxford, United Kingdom

7:49 Does Exercise After a Stroke Prevent Further Strokes?
Mead Gillian, MD, Edinburgh, United Kingdom

8:08 Blood Pressure Variability – A New Therapeutic Target for Secondary Stroke Prevention?
Amit K Mistri, MRCP, Leicester, United Kingdom

8:27 Is There Any Value in Vitamins, Fish Oil or Food Supplements for Secondary Prevention?
Graeme J Hankey, MBBS, MD, FRCP, FRCP, FRACP, Perth, Australia

8:45 Discussion

Session I: Concurrent Symposia B

Gender Differences in Stroke: Insights from Its Origins in Childhood
Room 502 A

Moderators: Timothy Bernard, MD, Denver, CO
Nabil J Alkayed, MD, PhD, FAHA, Portland, OR

7:30 Overview of Gender Differences in Stroke in Adults: Lessons from Clinical Research
Louise D McCullough, MD, PhD, Farmington, CT

7:49 Experimental Models of Gender Differences in Stroke Pathophysiology
Patricia D Hurn, PhD, FAHA, Portland, OR

8:08 Epidemiology of Gender Differences in Childhood Onset Stroke: What Do We Know Now?
Heather Fullerton, MD, San Francisco, CA

8:27 Role of Testosterone Concentrations in Pediatric Stroke: Insights Into Mechanisms of Gender Differences in Childhood Onset Stroke
Ulrike Nowak-Gottl, MD, Muenster, Germany

8:45 Discussion
Session I: Concurrent Symposia C
Perfusion Imaging in Acute Stroke (Debate)
Room 151
Moderators: Colin Derdeyn, MD, FAHA, St Louis, MO
Mark Parsons, PhD, Newcastle, New South Wales, Australia

7:30 Overview of Diffusion and Perfusion MRI in Stroke Research and Clinical Practice: Historical Perspective and Future Directions
Gregory Sorensen, MD, Boston, MA

7:45 You Need More Than Just a Non-Contrast Head CT in the 4.5 Hour Window
Max Wintermark, MD, Charlottesville, VA

8:05 Discussion
8:15 Delayed Interventions Should Be Performed Based On Diffusion-Perfusion Imaging
Stephen M Davis, MD, FRCP, Edin FRACP, FAHA, Victoria, Australia

8:25 Delayed Interventions Should Not Be Performed Even With Diffusion-Perfusion Imaging
William J Powers, MD, FAHA, Chapel Hill, NC

8:35 Discussion
8:45 Discussion

Session I: Concurrent Symposia D
Stem Cell Therapy for Stroke
Room 515 A
Moderators: Mark F Mehler, MD, Bronx, NY
Lawrence R Wechsler, MD, Pittsburgh, PA

7:30 Mechanisms Underlying Stem Cell Therapy for Stroke
Gary K Steinberg, MD, PhD, FAHA, Stanford, CA

7:49 Pre-clinical Data in Stem Cell Therapy for Stroke
Cesar Borlongan, PhD, Tampa, FL

8:08 Intra-arterial Stem Cell Delivery in Stroke
Dileep R Yavagal, MD, Miami, FL

8:27 Clinical Trial Design in Stem Cell Therapy for Stroke
Steven C Cramer, MD, Orange, CA

8:45 Discussion

Session I: Concurrent E
Aneurysm Oral Abstracts
Room 502 B
Moderators: Philip M Meyers, MD, New York, NY
William E Thorell, MD, Omaha, NE

7:30 Unruptured Intracranial Aneurysms in the FIA and ISUIA Cohorts: Differences in Multiplicity and Location
Jason Mackey, Univ of Cincinnati, Cincinnati, OH; Robert D Brown Jr, Mayo Clinic, Rochester, MN; Charles J Moomaw, Univ of Cincinnati, Cincinnati, OH; Dheeraj Gandhi, Johns Hopkins Univ, Baltimore, MD; Laura Sauerbeck, Univ of Cincinnati, Cincinnati, OH; Richard Hornung, Cincinnati Children's Hosp, Cincinnati, OH; Daniel Woo, Dawn Kleindorfer, Matthew L Flaherty, Univ of Cincinnati, Cincinnati, OH; Irene Meissner, Mayo Clinic, Rochester, MN; Craig Anderson, Univ of Sydney, Sydney, Australia; E Sander Connolly, Columbia Univ, New York, NY; Guy Rouleau, Notre Dame Hosp, Montreal, QC, Canada; David F Kallmes, Mayo Clinic, Rochester, MN; James C Torner, Univ of Iowa, Iowa City, IA; John Huston III, Mayo Clinic, Rochester, MN; Joseph P Broderick, Univ of Cincinnati, Cincinnati, OH; for the FIA Investigators

7:42 Stent Assisted Coil Embolization of Ruptured Intracranial Aneurysms – A Multicenter Review
Kiarash Golshani, Duke Medical Ctr, Durham, NC; Abhineet Chowdhary, Michael Alexander, Cedars-Sinai, Los Angeles, CA; Andrew Ferrel, Tony P Smith, Duke Medical Ctr, Durham, NC; Armen Choulakian, Cedars-Sinai, Los Angeles, CA; Ali R Zomorodi, Pratish Shah, Gavin W Britz, Duke Medical Ctr, Durham, NC

7:54 Protective Role of Aspirin for Hemorrhage from Unruptured Intracranial Aneurysms
David M Hasan, Kelly B Mahaney, Univ of Iowa Hosp and Clinics, Iowa City, IA; Robert D Brown, Irene Meissner, David G Piepras, John Huston, Mayo Clinic, Rochester, MN; Ana Capuano, James C Torner, Univ of Iowa, Iowa City, IA; ISUIA Investigators

8:06 Title: Better Outcomes with Treatment by Coiling Relative to Clipping of Unruptured Intracranial Aneurysms in the United States 2001-2007
Waleed Brinjikji, Alejandro A Rabinstein, Mayo Clinic, Rochester, MN; Deena M Nasr, Michigan State Univ, East Lansing, MI; Giuseppe Lanzino, David F Kallmes, Harry J Cloft, Mayo Clinic, Rochester, MN

8:18 Patient Outcomes are Better for Unruptured Cerebral Aneurysms Treated at Centers that Preferentially Treat with Endovascular Coiling: A Study of the National Inpatient Sample 2001-2007
Waleed Brinjikji, Alejandro A Rabinstein, Giuseppe Lanzino, David F Kallmes, Harry J Cloft, Mayo Clinic, Rochester, MN

8:30 An Analysis of Inflation and Reperfusion Times During Balloon Remodeling for Aneurysm Coil Embolization and its Effect on Ischemic Complications
Alejandro M Spiotta, Tarun Bhalla, Muhammad Shazam Hussain, Thinesh Sivapatham, Ayush Batra, Ferdinand Hui, Peter Rasmussen, Shaye Moskowitz, Cleveland Clinic, Cleveland, OH

8:42 Evaluation of a New Self-expanding Porosity Flow-diverter (V-POD) in a Rabbit Elastase Aneurysm Model

8:54 Discussion

Session I: Concurrent F
Carotid Revascularization Oral Abstracts
Room 515 B
Moderators: Christopher Moran, MD, Saint Louis, MO
Renee Van Stavern, MD, Saint Louis, MO

7:30 Safety of Carotid Stenting and Endarterectomy in Symptomatic and Asymptomatic Patients: Results from the Carotid Revascularization Endarterectomy vs Stenting Trial (CREST)
Ariane Mackey, Ctr Hospier Affilié, Hop de l’Enfant-Jésus, Quebec City, QC, Canada; Frank L Silver, Toronto Western Hosp, Toronto, ON, Canada; Wayne M Clark, Oregon Health and Science Univ, Portland, OR; William Brooks, Central Baptist Hosp, Lexington, KY; Carlos H Timaran, Univ of Texas Southwestern Medical Ctr and VA North Texas Care
7:42 Stroke Type, Laterality and Severity Following Carotid Artery Stenting (CAS) and Carotid Endarterectomy (CEA) in the Carotid Revascularization Endarterectomy versus Stenting Trial (CREST)

William Brooks, Central Baptist Hosp, Lexington, KY; JP Mohr, New York Presbyterian Hosp - Columbia, New York, NY; Jenifer H Voeks, Univ of Alabama at Birmingham, Birmingham, AL; Wayne M Clark, Oregon Health and Sciences Univ, Portland, OR; Frank L Silver, Toronto Western Hosp, Toronto, ON, Canada; Ariane Mackey, Ctr Hospier Affiliated, Hop de l’Enfant-Jésus, Quebec City, QC, Canada; Michael D Hill, Univ of Calgary, Calgary, AB, Canada; James F Meschia, Mayo Clinic, Jacksonville, FL; Alice J Sheffet, Univ of Med and Dentistry of New Jersey, Newark, NJ; Thomas G Brott, for the CREST Investigators, Mayo Clinic, Jacksonville, FL

7:54 Sex and Differential Outcomes of Stenting compared to Endarterectomy: Results from the Carotid Revascularization Endarterectomy versus Stenting Trial (CREST)

Virginia J Howard, Univ of Alabama at Birmingham, Birmingham, AL; Helmi L Lutsep, Oregon Health and Science Univ, Portland, OR; Ariane Mackey, Ctr Hospier Affiliated, Hop de l’Enfant-Jésus, Quebec City, QC, Canada; Barrie M Demaerschalk, Mayo Clinic, Phoenix, AZ; Albert D Sam, II, Vascular Specialty Ctr, Baton Rouge, LA; Nicole R Gonzales, Univ of Texas Medical Sch at Houston, Houston, TX; Alice J Sheffet, Univ of Med and Dentistry of New Jersey, Newark, NJ; Jenifer H Voeks, Univ of Alabama at Birmingham, Birmingham, AL; James F Meschia, Thomas G Brott, for the CREST Investigators, Mayo Clinic, Jacksonville, FL

8:06 Age and Outcomes following Stenting compared to Endarterectomy: The Carotid Revascularization Endarterectomy versus Stenting Trial (CREST)

Jennifer H Voeks, George Howard, Univ of Alabama at Birmingham, Birmingham, AL; Gary S Roubin, Lenox Hill Hosp, New York City, NY; Mahmoud B Malas, Johns Hopkins Univ, Baltimore, MD; W Charles Sterling, III, Ochsner Health System, New Orleans, LA; Mark K Eckandari, Northwestern Univ Feinberg Sch of Med, Chicago, IL; David J Cohen, Saint Luke’s Mid America Heart and Vascular Inst, Kansas City, MO; Alice J Sheffet, Univ of Med and Dentistry of New Jersey, Newark, NJ; Rajaesh K Lal, Univ of Maryland Medical Ctr, Baltimore, MD; James F Meschia, Thomas G Brott, for the CREST Investigators, Mayo Clinic, Jacksonville, FL

8:18 Carotid Stenosis in Patients with Over 80 Years: is there a Benefit from Carotid Revascularization in Stroke Prevention?

Paola De Rango, Massimo Lenti, Enrico Cieri, Giuseppe Giordano, Gioele Simonte, Vascular and Endovascular Surgery Unit, Univ of Perugia, Perugia, Italy; Piergiorgio Cao, Vascular Surgery, Dept of Cardioscience, Hosp S Camillo-Forlanini, Rome, Italy

8:30 Intravenous tPA Therapy is an Independent Risk Factor for Intracerebral Hemorrhage Following Carotid Endarterectomy


8:42 Aggrenox Significantly Reduces Restenosis and Plaque Burden in Cerebrovascular Arterial Stents

Joey English, Univ of California San Francisco, San Francisco, CA; Wolfgang Eisert, Boehringer-Ingelheim GmbH and Dept of Neurology, Medical Sch Hannover, Ingelheim am Rhein, Germany; Steven Hetts, Wade Smith, Univ of California San Francisco, San Francisco, CA

8:54 Discussion

Session I: Concurrent G Ischemic Stroke Interventional Treatment Oral Abstracts I Room 408 AB

Moderators: Felipe Albuquerque, MD, Phoenix, AZ

Brian Hoh, MD, Gainesville, FL

7:30 Effect of NeuroFlo Treatment on Stroke Outcome – A Subgroup Analysis of the SENTIS Study

Ashfaq Shuaib, UNIV OF ALBERTA HOSP SITE, Edmonton, AB, Canada; on behalf of the SENTIS Steering Committee and Investigators

7:42 Tetrahydrocurcumin(THC) Ameliorates Homocysteinylated Cytochrome-C Mediated Mitochondrial Remodeling in Hyperhomocysteinemia After Stroke

Neetu Tyagi, Nataj Qipshidze, Jonatha C Vacek, Charu Munjal, Naira Metreveli, Srikant Givivani, David Lominadze, Suressh C Tyagi, Univ of Louisville, Louisville, KY

7:54 Impact Of Telemedicine On Acute Management Of Stroke Patients Undergoing Endovascular Procedures

Marc Ribo, Hosp Vall d’Hebron, Barcelona, Spain; Angels Pedragosa, Hosp General de Vic, Barcelona, Spain; Marta Rubiera, David Rodriguez-Luna, Olga Maisterra, Carlos Molina, Jose Alvarez-Sabin, Hosp Vall d’Hebron, Barcelona, Spain

8:06 Endovascular Therapy for Acute Ischemic Stroke Due to Proximal Intracranial Anterior Circulation Occlusion Treated Beyond 8 Hours from Times Last Seen Well: A Subset Analysis of the Merci Registry

Raul G Nogueira, Massachusetts General Hosp, Boston, MA; Marilyn Rymer, Saint Lukes Medical Ctr, Kansas City, MO; Wade S Smith, Univ of California, San Francisco, CA; Helmi Lutsep, Oregon Health & Science Univ, Portland, OR; Gary Walker, Concentric Medical Inc, Mountain View, CA; David S Liebeskind, Univ of California, Los Angeles, CA; Ronald Budzik, Riverside Methodist Hosp, Columbus, OH; Thomas Devlin, Erlanger Southeastern Stroke Ctr, Chattanooga, TN; Tudor G Jovin, UPMC Stroke Inst, Pittsburgh, PA

8:18 Mechanical Balloon Thromboembolectomy for the Treatment of Cerebral Venous Sinus Thrombosis: A Retrospective Analysis of Safety and Efficacy in 57 Consecutive Patients

Don Frei, Daniel Huddle, Richard Bellon, Gwen Dooley, Radiology Imaging Associates, Englewood, CO; Don Smith, Colorado Neurological Inst, Englewood, CO
8:30 Stem-cell Trial of recovery EnhanceMent after Stroke 2 (STEMS2) Randomised Placebo-Controlled Trial of Granulocyte-Colony Stimulating Factor in Mobilising Bone Marrow Stem Cells in Sub-Acute Stroke
Tim England, Dorothee Auer, Maryam Abaei, James Lowe, Nigel Russell, Marion Walker, Philip M Bath, Univ of Nottingham, Nottingham, United Kingdom

8:42 Meta-analytic Comparison Of IV, IA, And Combined IV/IA Thrombolysis For ICA/MCA Occlusion
Jared M Pisapia, Michael T Mullen, Shiv Tilva, Steven R Messe, Sherman C Stein, Hosp of the Univ of Pennsylvania, Philadelphia, PA

8:54 Discussion

9:00 am – 9:15 am
Short Break

9:15 am – 10:45 am
Session II: Concurrent Symposia A
Current Endovascular Management of Acute Posterior Circulation Stroke
Room 408 AB
Moderators: David Fiorella, MD, PhD, Stony Brook, NY Felipe Albuquerque, MD, Phoenix, AZ

9:15 Medical Management of Posterior Circulation Strokes
Christine Anne Wijman, MD, Palo Alto, CA

9:34 Endovascular Techniques in the Management of Posterior Circulation Stroke
Elad I Levy, MD, Buffalo, NY

9:53 Timing of Intervention for Posterior Circulation Stroke
Gary Duckwiler, MD, Los Angeles, CA

10:12 Surgical Revascularization in the Prevention of Posterior Circulation Stroke
Michael Lawton, MD, San Francisco, CA

10:30 Discussion

Session II: Concurrent Symposia B
Early DNR Orders in ICH: Helping or Hurting? ( Debate)
Room 515 B
Moderator: Craig Anderson, MD, PhD, Sydney, NSW, Australia

9:15 Yes: Early DNR Prevents Long-Term Severe Disability
Darin Zahuranec, MD, Ann Arbor, MI

9:35 No: Early DNR Leads to Unnecessary Death
J Claude Hemphill, MD, MS, FAAN, San Francisco, CA

9:55 A Spiritual and Ethical View of Care Withdrawal in ICH
Rev Phillip Jackson, Paradise Valley, AZ

10:15 Discussion

Session II: Concurrent Symposia C
From Bedside to Bench: What Have We Learned By Applying Clinical Research Synthesis to Animal Models of Stroke?
Room 515 A
Moderators: Geoffrey A Donnan, MD, MBBS, FAHA, FRACP, Melbourne, Australia Eng H Lo, PhD, Charlestown, MA

9:15 The Validity of Animal Models of Stroke
Malcolm R Macleod, MD, Melbourne, Australia

9:34 Climbing the STAIRS and STEPS: Optimizing Translation of Neuroprotective and Stem Cell Therapies
Sean I Savitz, MD, FAHA, Houston, TX

9:53 The Importance of Co-morbidities in Models of Stroke
David W Howells, PhD, Melbourne, Australia

10:12 Study Quality and Publication Bias in Experimental Stroke
Malcolm R Macleod, MB, ChB, PhD, Edinburgh, United Kingdom

10:30 Discussion

Session II: Concurrent D
Community/Risk Factors Oral Abstracts I
Room 152
Moderators: Ka Sing Wong, MD, MPH, FAHA, Sha Tin, Hong Kong Amanda Thrift, PhD, Melbourne, Victoria, Australia

9:15 Could Racial Differences In Susceptibility To Elevated Blood Pressures Contribute To The Excess Stroke Mortality In Blacks: The Reasons For Geographic And Racial Differences In Stroke (REGARDS) Study?
George Howard, Univ of Alabama at Birmingham, Birmingham, AL; Daniel T Lackland, Medical Univ of South Carolina, Charleston, SC; Dawn O Kleindorfer, Brett M Kissela, Univ of Cincinnati, Cincinnati, OH; Claudia S Moy, NIH/NINDS, Bethesda, MD; Monika M Safford, Univ of Alabama at Birmingham, Birmingham, AL; Mary Cushman, Univ of Vermont, Burlington, VT; Steve P Glasser, Virginia J Howard, Univ of Alabama at Birmingham, Birmingham, AL

9:27 Geographic Disparities in Elevated Blood Pressures, but Not Resistant Hypertension in Southeast: The REasons for Geographic And Racial Differences in Stroke (REGARDS) Cohort
Daniel T Lackland, MEd Univ of South Carolina, Mt Pleasant, SC; David Calhoun, Ahn Le, Virginia Howard, Stephen Glasser, Univ of Alabama-Birmingham, Birmingham, AL; Mary Cushman, Univ of Vermont, Burlington, VT; Brett Kissela, Univ of Cincinnati, Cincinnati, OH; Monika Stafford, George Howard, Suzanne Oparil, Univ of Alabama-Birmingham, Birmingham, AL

9:39 Baseline Pre-Hypertension and Risk of Incident Ischemic Stroke: The Northern Manhattan Study (NOMAS)
Hannah Gardener, Tatjana Rundek, Clinton Wright, Univ of Miami Miller Sch of Med, Miami, FL; Norbelina Disla, Mitchell S Elkind, Columbia Univ, New York, NY; Ralph L Sacco, Univ of Miami Miller Sch of Med, Miami, FL

9:51 Dietary Sodium Intake is a Risk Factor for Incident Ischemic Stroke: The Northern Manhattan Study (NOMAS)
Hannah Gardener, Tatjana Rundek, Clinton Wright, Univ of Miami Miller Sch of Med, Miami, FL; Norbelina Disla, Mitchell S Elkind, Columbia Univ, New York, NY; Ralph L Sacco, Univ of Miami Miller Sch of Med, Miami, FL

10:03 Interval Development of New Ischemic Lesions within 30 Days of Primary Intracerebral Hemorrhage
Ravi S Menon, Richard E Burgess, Georgetown Univ, Washington, DC; M Christopher Gibbons, Johns Hopkins Univ, Baltimore, MD; Ali Fokar, Nawar M Shara, Medstar Health Res Inst, Washington, DC; LaToya Forrester, Laura German, Ian Sobotka, Georgetown Univ, Washington, DC; Annapurni Jayam-Trout, Howard Univ, Washington, DC;
10:15 Age-Related Macular Degeneration and the Risk of Stroke: The Rotterdam Study
Renske G Wiebeerdink, Lintje Ho, M Kamran Ikram, Peter J Koudstaal, Albert Hofman, Johannes R Vingerling, Monique M Breteler, Erasmus Univ Medical Ctr, Rotterdam, Netherlands

10:27 Marked Upswing in Comorbid Diabetes Mellitus among Hospitalized Patients with Acute Ischemic Stroke in the United States
Amytis Towfighi, Univ of Southern California, Los Angeles, CA; Daniela Markovic, Bruce Ovbioge, Univ of California at Los Angeles, Los Angeles, CA

9:15 The Value of Acute Diffusion Tensor Tractography for the Prediction of Motor Outcome After Middle Cerebral Artery Infarct
Josep Puig, Gerard Blasco, Dept of Radiology (IDi), Girona Biomedical Res Inst, Hosp Univr de Girona Dr Josep Trueta, Girona, Spain; Josep Daunis-i-Estadella, Dept of Informatics and Applied Mathematics, Univ of Girona, Girona, Spain; Sebastia Remolino, Dept of Radiology (IDi), Girona Biomedical Res Inst, Hosp Univr de Girona Dr Josep Trueta, Girona, Spain; Ferran Prados, Dept of Informatics and Applied Mathematics and Inst of Informatics and Applications, Univ of Girona, Girona, Spain; Guadalupe Soria, Dept of Brain Ischemia and Neurodegeneration, Inst d’Investigacions Biomèdiques de Barcelona (IIBB)-Consejo Superior de Investigaciones Científicas (CSIC), Inst d’Investigacions Biomèdiques August Pi i Sunyer (IDIBAPS), Barcelona, Spain; Alberto Prats-Galino, Lab of Surgical Neuroanatomy, Human Anatomy and Embryology Unit, Faculty of Medicine, University of Girona, Girona, Spain; Maria Jimenez-Nieto, Dept of Neurology, Girona Biomedical Res Inst, Hosp Univr de Girona Dr Josep Trueta, Girona, Spain; Joan Ausar, Dept of Radiology (IDi), Girona Biomedical Res Inst, Hosp Univr de Girona Dr Josep Trueta, Girona, Spain

9:27 Effects of Glycemic Control and Oxidative Stress on Stroke Outcome
Rebecca E Green, Blerina Rista, Massachusetts General Hosp, Boston, MA; Paul E Milbury, Jeffrey B Blumberg, Jean Mayer USDA Human Nutrition Res Ctr on Aging at Tufts Univ, Boston, MA; Carly A Zampariello, Jean Mayer USDA Human Nutrition Res Ctr on Aging at Tufts Univ, Boston, MA; Alona Muzikansky, Massachusetts General Hosp, Boston, MA; Michael K Parides, Mount Sinai Sch of Med, New York, NY; Rebecca A Betensky, Harvard Sch of Public Health, Boston, MA; Aurauma Chutinet, Fabricio O Lima, Leonardo Batista, Ahmad Bayrlee, Lauren M Nentwich, Matthew B Maas, Peter J Kelly, Massachusetts General Hosp, Boston, MA; Steven K Feske, Brigham and Women’s Hosp, Boston, MA; Karen L Furie, Massachusetts General Hosp, Boston, MA

9:39 Lower Early Systolic Blood Pressure Predicts Reperfusion during Hyper-Acute Ischemic Stroke

9:51 Fractional Anisotropy as an Imaging Biomarker of Long-term Motor Outcome After Stroke
Josep Puig, Gerard Blasco, Dept of Radiology (IDi), Girona Biomedical Res Inst, Hosp Univr de Girona Dr Josep Trueta, Girona, Spain; Josep Daunis-i-Estadella, Dept of Informatics and Applied Mathematics, Univ of Girona, Girona, Spain; Jaume Figueras, Dept of Rehabilitation, Biomedical Res Inst, Hosp Univr de Girona Dr Josep Trueta, Girona, Spain; Maria Jimenez-Nieto, Dept of Neurology, Girona Biomedical Res Inst, Hosp Univr de Girona Dr Josep Trueta, Girona, Spain; Ferran Prados, Dept of Informatics and Applied Mathematics and Inst of Informatics and Applications, Univ of Girona, Girona, Spain; Guadalupe Soria, Dept of Brain Ischemia and Neurodegeneration, Inst Investigacions Biomèdiques de Barcelona (IIBB)-Consejo Superior de Investigaciones Científicas (CSIC), Inst Investigacions Biomèdiques August Pi i Sunyer (IDIBAPS), Barcelona, Spain; Albert Prats-Galino, Lab of Surgical Neuroanatomy, Human Anatomy and Embryology Unit, Faculty of Medicine, University of Girona, Girona, Spain; Maria Jimenez-Nieto, Mar Castellanos, Joaquin Serena, Dept of Neurology, Girona Biomedical Res Inst, Hosp Univr de Girona Dr Josep Trueta, Girona, Spain; Salvador Pedraza, Dept of Radiology (IDi), Girona Biomedical Res Inst, Hosp Univr de Girona Dr Josep Trueta, Girona, Spain

10:03 Screening Carotid Atherosclerosis in Patients with Cerebrovascular Events Using Fast Magnetic Resonance Black Blood Sequence with 3D Acquisition, Isotropic Resolution, and Large Coverage
Xiuhao Zhao, Tsinghua Univ Sch of Med, Beijing, China; Niranjan Balu, Univ of Washington, Seattle, WA; Jinnan Wang, Philips Healthcare, Briarcliff Manor, NY; Hulun Zhao, Ye Ca, Jianrong Xu, Shanghia Jiao Tong Univ, Shanghai, China; Chun Yuan, Univ of Washington, Seattle, WA

10:15 Models to Enhance Stroke Diagnosis in the Field: FAST-MAG Experience
Lucas Restrepo, UCLA Medical Ctr, Los Angeles, CA; Nerses Sanossian, USC Medical Ctr, Los Angeles, CA; David S Liebeskind, Latisha K Ali, Sidney Starkman, Jeffrey Saver, UCLA Medical Ctr, Los Angeles, CA

10:27 Decreased Acquisition Delay in Optimized CTA Protocols is Associated with Infarct Core Overestimation on CTA Source Images in Patients with Acute Ischemic Stroke
Benjamin Pulli, Zeshan A Chaudhry, Massachusetts General Hosp, Boston, MA; Giacomo D Papini, Scuola di Specializzazione in Radiodiagnostica, Univ degli Studi di Milano, Milan, Italy; Raul G Nogueira, Joshua A Hirsch, Michael H Lev, R Gilberto Gonzalez, Pamela W Schaefer, Albert J Yoo, Massachusetts General Hosp, Boston, MA

10:39 Discussion
Impact of Gender and Blood Pressure on Post-Stroke Decline among Older Latinos

Neurological Disorders and Stroke, Bethesda, MD; Brett McClure, George Howard, Virginia J Howard, Univ of Iowa, Iowa City, IA; Claudia S Moy, Natl Inst of Neurological Disorders and Stroke, Bethesda, MD; Mary Cushman, Univ of Vermont, Burlington, VT; John Neuhaus, Univ of Washington, Seattle, WA; Leslie A Williams, Univ of California, San Francisco, CA; Edward R Smith, Natl Inst on Aging, Bethesda, MD; Mary N Haan, Univ of California San Francisco, CA; William A Baumgartner, Guy M McKhann, JOHNS HOPKINS UNIVERSITY, Baltimore, MD; for the Multi-Centre Cohort Study for Stroke After Transient Ischemic Attack: a Prospective, Multi-Centre Cohort Study

9:15 Identifying Predictors of Acute Stroke in an Undifferentiated Population of ED Patients with Dizziness

Maureen Chase, Jennifer O’Connor, Nina Joyce, Matthew Spielman, Magdy Selim, Marc Camacho, Daniel Pallin, Joshua Goldstein, Jonathan Edlow, Beth Israel Deaconess Medical Ctr, Boston, MA

9:27 CT Findings at the Earliest Stages of Ischemia: A Prospective Study of the FAST-MAG Prehospital Stroke Trial

Robin Conwit, NIH/NINDS, Bethesda, MD; Jeffrey L Saver, UCLA, Los Angeles, CA; Nerses Sanossian, USC, Los Angeles, CA; Pablo Villablana, Sidney Starkman, Fabien Scalzo, Qing Hao, Annel Hernandez, Johanna L Avelar, Fiona Chatfield, UCLA, Los Angeles, CA; Ian Stiell, Ontario Stroke Triage for Treatable Stroke (OSTarT) Research Group, London, ON, Canada; for the FAST-MAG Investigators

9:39 Computer Tomography Identifies Patients at High Risk for Stroke After Transient Ischemic Attack: a Prospective, Multi-Centre Cohort Study

Jason K Wasserman, Univ of Ottawa, Ottawa Hosp Res Inst, Ottawa, ON, Canada; Jeff J Perry, Dar Dowlahshahi, Grant Stotts, The Ottawa Hosp, Ottawa Hosp Res Inst, Ottawa, ON, Canada; Marco Sivilotti, Queens Univ, Dept Emergency Med, Kingston, ON, Canada; Andrew Worster, McMaster Univ, Dept Emergency Med, Hamilton, ON, Canada; Marcel Emond, Laval Univ, Dept Emergency Med, Quebec, QC, Canada; Jane Sutherland, Ottawa Hosp Res Inst, Ottawa, ON, Canada; Ian Stiell, Mukul Sharma, The Ottawa Hosp, Ottawa Hosp Res Inst, Ottawa, ON, Canada

9:51 Stroke Risk Predicts Cognitive Performance over 6 Years in Patients with Coronary Artery Disease

Rebecca F Gottesman, Maura A Grega, Ola A Selnes, Richard E Thompson, Xianchong Zhou, Nathan James, William A Baumgartner, Guy M McKhann, JOHNS HOPKINS UNIVERSITY, Baltimore, MD

10:27 There is no Excuse for Ignoring Cognition: Using the Montreal Cognitive Assessment is Feasible in a Large Stroke Trial

Toby Cumming, Florey Neuroscience Insts, Melbourne, Australia; Thomas Linden, Sahlgrenska Univ Hosp, Gothenburg, Sweden; Julie Bernhardt, Florey Neuroscience Insts, Melbourne, Australia

10:39 Discussion
10:27 Patient Versus Proxy Explicit Informed Consent for Enrollment in a Prehospital Stroke Treatment Trial

Jeffrey L Saver, Geffen Sch of Med at UCLA, Los Angeles, CA; Nerses Sanossian, USC, Los Angeles, CA; May A Kim, USC, Los Angeles, CA; Miguel Valdes-Sueiras, Geffen Sch of Med at UCLA, Los Angeles, CA; Robin Conwit, NIH-NINDS, Bethesda, MD; Sidney Starkman, Geffen Sch of Med at UCLA, Los Angeles, CA; FAST-MAG Investigators and Coordinators

10:39 Discussion

10:45 am – 11:00 am

Short Break

11:00 am – 12:30 pm

Session III: Plenary Session I

Hall G

Moderators: Lewis B Morgenstern, MD, FAHA, Ann Arbor, MI
Steven M Greenberg, MD, PhD, Boston, MA

11:00 Welcome and Introduction of AHA/ASA President Ralph L Sacco
Nancy Brown, Dallas, TX

11:03 Presidential Message
Ralph L Sacco, MS, MD, FAAN, FAHA, Miami, FL

11:20 ASA Advisory Committee Update
Hank Wasiak, MBA, New York, NY

11:29 Stroke Council Update
Jeffrey L Saver, MD, FAHA, FAAN, Los Angeles, CA

11:38 Introduction of the ISC Program Chair
Jeffrey L Saver, MS, MD, FAAN, FAHA, Miami, FL

11:41 ISC Program Chair Welcome
Lewis B Morgenstern, MD, FAHA, Ann Arbor, MI

11:48 Introduction of the Robert G Siekert New Investigator Award in Stroke
Steven M Greenberg, MD, PhD, Boston, MA


MingMing Ning, CardioNeurology Clinic, Clinical Proteomics Res Ctr, Dept of Neurology, Massachusetts General Hosp / Harvard Medical Sch, Boston, MA; Deepi Navaratna, Neuroprotection Res Lab, Dept of Radiology, Massachusetts General Hosp / Harvard Medical Sch, Boston, MA; Zareh Demirjian, Dept of Hematology, Massachusetts General Hosp / Harvard Medical Sch, Boston, MA; Ignacio Inglessis-Azuaje, Dept of Cardiology, Massachusetts General Hosp / Harvard Medical Sch, Boston, MA; David McMullin, New York Univ, New York, NY; G William Dec, Igor Palacios, Dept of Cardiology, Massachusetts General Hosp / Harvard Medical Sch, Boston, MA; Ferdinando Buonanno, CardioNeurology Clinic, Clinical Proteomics Res Ctr, Dept of Neurology, Massachusetts General Hosp / Harvard Medical Sch, Boston, MA; Eng H Lo, Neuroprotection Res Lab, Dept of Radiology, and Clinical Proteomics Res Ctr, Dept of Neurology, Mass General Hosp / Harvard Medical Sch, Boston, MA
12:04 Introduction of the Thomas Willis Lecture
Lewis B Morgenstern, MD, FAHA, Ann Arbor, MI

12:08 Thomas Willis Lecture: Tracks of a Non-Main Path Traveler
John Hallenbeck, MD, Bethesda, MD

12:28 Closing Remarks
Lewis B Morgenstern, MD, FAHA, Ann Arbor, MI

12:30 pm – 12:40 pm
Short Break

12:40 pm – 2:00 pm
Science and Technology Hall (Exhibits) and Lunch Break
Hall J

Nursing and Rehabilitation Professionals Luncheon
Petree Hall C
(ticket required; seating is limited)

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

12:45 Introduction, Announcements and Overview
Michael S Weinstein, MD, FAHA, Seattle, WA

12:55 State and Federal Advocacy and Legislative Updates
Tamilyn Bakas, RN, DNSc, FAHA, FAAN, Westfield, IN
Stephanie Mohl, Washington, DC

1:15 Patient and Family Education Strategies in Stroke Recovery
Wende Fedder, RN, MBA, FAHA, Arlington Heights, IL
Claranne P Mathiesen, MSN, BSN, RN, CNRN, Stroudsburg, PA
Elaine T Miller, DNS, RN, CRRN, FAHA, FAAN, Cincinnati, OH

1:50 Questions, Collaboration, and Networking
Michael S Weinstein, MD, FAHA, Seattle, WA

Fellow and Early Career/Stroke Leader Roundtable Luncheon
Room 403 B
(ticket required; seating is limited)

Table Leaders:
Gregory Albers, MD, Palo Alto, CA
Use of Neuroimaging to Guide Stroke Therapy
William Barsan, MD, FACEP, FAHA, Ann Arbor, MI
Emergency Medicine, Acute Stroke, Clinical Trials
Joseph Broderick, MD, Cincinnati, OH
Acute Stroke Trials, Clinical Stroke Research Training
Jun Chen, MD, Pittsburgh, PA
Basic Science Research in Stroke
Sander Connolly, MD, New York, NY
Cerebrovascular Surgery, Ischemia Research
Alexander Dromerick, MD, Washington, DC
Rehabilitation
Thomas Hemmen, MD, PhD, San Diego, CA
Acute Stroke, Telemedicine
Brian Hoh, MD, Gainesville, FL
Endovascular, Neurosurgery
Karen Johnston, MD, FAHA, Charlottesville, VA
Clinical Trials, Clinical Research, Career Development

Walter Koroshetz, MD, FAAN, Bethesda, MD
Neurobiology, Acute Stroke, Intensive Care Management of Stroke, Neuroimaging in Stroke
David Liebeskind, MD, FAHA, Los Angeles, CA
Acute Stroke Imaging
Helmi Lutsep, MD, FAHA, Portland, OR
Acute Stroke
Arthur Pancioli, MD, FAHA, Cincinnati, OH
Emergency Medicine, Acute Stroke Treatment, Acute Stroke Treatment Trials
Adnan Qureshi, MD, FAHA, Minneapolis, MN
Interventional Neurology
Phillip Scott, MD, FAHA, Ann Arbor, MI
Emergency Medicine, Clinical Trials, Community-Based Research, GIS Research, Acute Stroke
Gene Sung, MD, MPH, Los Angeles, CA
Neurocritical Care
Gregory Zipfel, MD, Saint Louis, MO
Cerebrovascular Neurosurgery

2:00 pm – 3:30 pm
Session IV: Concurrent Symposia A
Changing Hospital Stroke Treatment Systems: Teaching Old Dogs to Lead, Follow or Get Out of the Way
Room 515 A

Moderators: Peter Rasmussen, MD, Cleveland, OH
Jennifer Juhl Majersik, MD, Salt Lake City, UT

2:00 Basic Science of Behavioral Change
Bernadette Boden-Albala, MPH, DrPH, New York, NY

2:19 Resolving Barriers to Intravenous Thrombolysis: Results of the PRACTISE Trial
Diederik W Dippel, MD, Rotterdam, Netherlands

2:38 Stroke Champions: How to Make One, How to Be One
Phillip A Scott, MD, FAHA, Ann Arbor, MI

2:57 Improving EMS Stroke Recognition and Hospital Notification
Todd J Crocco, MD, Morgantown, WV

3:15 Discussion

Session IV: Concurrent Symposia B
Imaging in Intracranial Atherosclerotic Disease: Diagnosis and Post Endovascular Stenting Imaging
Room 515 B

Moderators: David S Liebeskind, MD, FAHA, Los Angeles, CA
Osama Zaidat, MD, Milwaukee, WI

2:00 CT Angiography in Diagnosing ICAD and Following Up Endovascular Therapy
Mai Nguyen-Huynh, MD, MA, San Francisco, CA

2:15 TCD and MRA in Diagnosing ICAD
Edward Feldmann, MD, Boston, MA

2:30 MRA and TCD in Stroke Risk Evaluation in ICAD and Follow-up of Endovascular Treatment
Shyam Prabhakaran, MD, MS, Chicago, IL

2:45 DSA Is the Ultimate Gold Standard for Diagnosing ICAD and Following Up Endovascular Therapy
Rishi Gupta, MD, Nashville, TN
3:00 Should We Bother to Image Intracranial Stenosis and If We Do, What Is the Best Evidence-Based Approach? Joana M Wardlaw, MD, Edinburgh, United Kingdom

3:15 Discussion

Session IV: Concurrent Symposia C
Migraine as a Stroke Risk Factor: Epidemiology, Genetics, Neuroimaging and Mechanisms

Moderators: Hen Hallevi, MD, Tel Aviv, Israel

Session IV: Concurrent Symposia E
Treatment of Cerebral Aneurysms in Older People

Moderators: Lee H Schwamm, MD, FAHA, Boston, MA

3:48 Presence of DWI Lesions is the Strongest Predictor of Poor Year 1 Outcome in Patients with Primary Intracerebral Hemorrhage
Richard E Burgess, Ravi S Menon, Georgetown Univ, Washington, DC; Michael C Gibbons, Johns Hopkins, Baltimore, MD; Ali Fokar, Nawar M Shara, Medstar Health Res Inst, Washington, DC; LaToya Forrester, Laura German, Ian Sabotka, Georgetown Univ, Washington, DC; Anna TrOUTH, Howard Univ, Washington, DC; Dorothy F Edwards, Univ of Wisconsin, Madison, WI; Chelsea S Kidwell, Georgetown Univ, Washington, DC

3:00 Validation Of The CTA Spot Sign For Predicting Significant Intracerebral Hemorrhage Expansion In The PREDICT Prospective Multicenter Study
Andrew M Demchuk, Univ of Calgary, Calgary, AB, Canada; Dar Dowlatshahi, Univ of Ottawa, Ottawa, ON, Canada; David Rodriguez-Luna, Carlos A Molina, Neurovascular Unit, Hosp Vall d’Hebron, Barcelona, Spain; Yolanda Silva BIAS, Stroke Unit, Hosp Dr Josep Trueta of Girona, IDIBGI, Girona, Spain; Imanuel Dzialowski, Univ of Dresden, Dresden, Germany; Adam Kobayashi, Univ of Warsaw, Warsaw, Poland; Cheemun Lum, Univ of Ottawa, Ottawa, ON, Canada; Jean-Martin Boulangier, Univ of Sherbrooke, Greenfield Park, QC, Canada; GORD GUBITZ, Dalhousie Univ, Halifax, NS, Canada; Vasantha Padma, All India Inst of Medical Sciences, New Delhi, India; Jayanta Roy, Advanced Medicare and Res Inst, Kolkata, India; Carlos S Kase, Boston Univ, Boston, MA; Jayme C Kosior, Georgetown Univ, Washington, DC; Michael C Gibbons, Johns Hopkins, Baltimore, MD; Jon Katz, Medical Univ of South Carolina, Charleston, SC; Magdy Selim, Beth Israel Deaconess Medical Ctr - Harvard Medical Sch, Boston, MA; Joshua Goldstein, Massachusetts General Hosp, Boston, MA; Joao Gomes, The Cleveland Clinic Fndn, Cleveland, OH; Steven Greenberg, Massachusetts General Hosp, Boston, MA; Lewis Morgenstern, Univ of Michigan, Ann Arbor, MI; YUKO Palesch, Medical Univ of South Carolina, Charleston, SC; Gottfried Schlaug, Beth Israel Deaconess Medical Ctr - Harvard Medical Sch, Boston, MA; Michel Torbey, Medical...
2:00 Improved Outcomes in Endovascular Thrombolysis in Acute Ischemic Stroke Patients Based on Early Time from Microcatheter to Recanalization


2:12 Extending Time Window For Endovascular Procedures According To Collateral Pial Circulation

Marc Ribo, Marta Rubiera, Jorge Pagola, Hosp Vall d’Hebron, Barcelona, Spain; Joao Sargento-Freitas, Hosp Univrío Coimbra, Coimbra, Portugal; David Rodriguez-Luna, Pilar Coscojuela, Olga Maistera, Socorro Piñeiro, Francisco J Romero, Jose Alvarez-Sabin, Carlos A Molina, Hosp Vall d’Hebron, Barcelona, Spain

2:24 Leukoaraiosis Predicts Intracerebral Hemorrhage After Mechanical Thrombectomy in Acute Ischemic Stroke

Zhong-Song Shi, Dept of Neurosurgery, The First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou, China; Lei Feng, Div of Interventional Neuroradiology, Ronald Reagan UCLA Medical Ctr, Los Angeles, CA; David S Liebeskind, Dept of Neurology, Ronald Reagan UCLA Medical Ctr, Los Angeles, CA; Yince Loh, Neurovascular Service, Dept of Med, Madigan Army Medical Ctr, Tacoma, WA; Reza Jahan, Nestor R Gonzalez, Satoshi Tateshima, Div of Interventional Neuroradiology, Ronald Reagan UCLA Medical Ctr, Los Angeles, CA; Paul M Vespa, Dept of Neurosurgery, Ronald Reagan UCLA Medical Ctr, Los Angeles, CA; Sidney Starkman, Dept of Emergency Med, Ronald Reagan UCLA Medical Ctr, Los Angeles, CA; Noriko Salamon, Pablo Villablanca, Div of Diagnostic Neuroradiology, Ronald Reagan UCLA Medical Ctr, Los Angeles, CA; Latisa K Ali, Bruce Ovbiagele, Doojin Kim, Jeffrey L Saver, Dept of Neurology, Ronald Reagan UCLA Medical Ctr, Los Angeles, CA; Fernando Víñuela, Gary R Duckwiler, Div of Interventional Neuroradiology, Ronald Reagan UCLA Medical Ctr, Los Angeles, CA
Session V: Concurrent Symposia A
Health System Factors Influencing Stroke Outcomes
Room 515 A
Moderators: Karen C Johnston, MD, FAHA, Charlottesville, VA
Gustavo Saposnik, MD, MSc, FAHA, Toronto, ON Canada
4:00 Integrated Healthcare Systems: From Policy to Patient Outcomes
Linda Williams, MD, Indianapolis, IN
4:19 Impact of Hospital Level Factors on Stroke Outcomes
Pierre Amarencos, MD, FAHA, FAAN, Paris, France
4:38 Impact of Physician Level Factors on Stroke Outcomes
Nils G Wahlgren, MD, PhD, Stockholm, Sweden
4:57 Performance Indicators and Stroke Outcomes
Lee H Schwamm, MD, FAHA, Boston, MA
5:15 Discussion

Session V: Concurrent Symposia B
Radiosurgical Treatment of Cavernous Malformations (Debate)
Room 515 B
Moderator: Murat Gunel, MD, FACS, New Haven, CT
4:00 Radiosurgical Treatment of Cavernous Malformations
Is Effective Treatment
Antonio A De Salles, MD, PhD, Los Angeles, CA
4:30 Radiosurgical Treatment of Cavernous Malformations
Does Not Change the Natural History
Howard A Riina, MD, New York, NY
5:00 Discussion

Session V: Concurrent Symposia C
Vascular Cognitive Impairment and Depression
Room 502 A
Moderators: Mary N Haan, MPH, DrPH, San Francisco, CA
Lynda L Lisabeth, PhD, FAHA, Ann Arbor, MI
4:00 An Overview of the Links Between Vascular Risk Factors
and Depression
Hector Gonzalez, PhD, Detroit, MI
4:19 Depression and Dementia: Is There a Vascular Link?
Deborah E Barnes, PhD, San Francisco, CA
4:38 The MRI Brain Correlates of Depressed Mood, Anhedonia,
Apathy and Anergia in Older Adults With and Without
Cognitive Impairment
Helen E Lavretsky, MD, Los Angeles, CA
4:57 Impact of Depression on Functional Outcomes After Stroke
Joshua Willey, MD, MS, New York, NY
5:15 Discussion
5:12 The Combination Of Reperfusion And Recanalization Predicts Favorable Outcome Better Than Reperfusion Or Recanalization Alone In Target Mismatch Patients
Jun Lee, Yeungnam Univ Medical Ctr, Daeug, Korea, Republic of; Maarten G Lansberg, Michael Mlynash, Stanford Univ Medical Ctr, Stanford, CA; Deidre A De Silva, Natl Neuroscience Inst, Singapore General Hosp Campus, Singapore, Singapore; Soren Christensen, Royal Melbourne Hosp and Univ of Melbourne, Melbourne, Australia; Matus Straka, Stanford Univ Medical Ctr, Stanford, CA; Bruce CV Campbell, Royal Melbourne Hosp and Univ of Melbourne, Melbourne, Australia; Roland Bammer, Jean-Marc Olivet, Stanford Univ Medical Ctr, Stanford, CA; Patricia Desmond, Natl-Stroke Res Inst, Austin Health, Melbourne, Australia; Geoffrey A Donnan, Florey Neuroscience Insts, Austin Health, Univ of Melbourne, Melbourne, Australia; Stephen M Davis, Royal Melbourne Hosp and Univ of Melbourne, Melbourne, Australia; Gregory W Albers, Stanford Univ Medical Ctr, Stanford, CA; on behalf of the DEFUSE-EPITHET Investigators

5:24 Discussion

Session V: Concurrent F
Experimental Mechanisms and Models Oral Abstracts I
Room 408 AB

Moderators: Gary K Steinberg, MD, PhD, FAHA, Stanford, CA
Sean I Savitz, MD, FAHA, Houston, TX

4:00 Human Multipotential Bone Marrow Stem Cells Exert Immunomodulatory Effects, Prevent Splenic Contraction, And Enhance Functional Recovery In A Rodent Model Of Ischemic Stroke
Bing Yang, UT medical school at Houston, Houston, TX; Jason Hamilton, Dept of Regenerative Med, Athersys Inc, Cleveland, OH; Roger Strong, Xiaopei Xi, UT medical school at Houston, Houston, TX; Robert Mays, Dept of Regenerative Med, Athersys Inc, Cleveland, OH; Sean Savitz I, UT medical school at Houston, Houston, TX

4:12 Penumbra? Concurrent Arterial Spin-Labeled and Dynamic Susceptibility Contrast Enhanced Perfusion Imaging in Acute Ischemic Stroke
David S Liebeskind, Danny JJ Wang, Qing Hao, Joe X Qiao, Rana Fiaz, UCLA, Los Angeles, CA; Matthias Günther, Univ of Heidelberg, Heidelberg, Germany; Jeffrey L Saver, Noriko Salammon, Jeffry R Alger, UCLA, Los Angeles, CA; for the UCLA Stroke Investigators

4:24 Predicting Infarct Core Using CT Perfusion – Comparison of CT Perfusion Parameters to Concurrent Diffusion MRI
Bruce C Campbell, Depts of Med and Radiology, Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia; Soren Christensen, Dept of Med, Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia; Christopher R Levi, Dept of Neurology and Hunter Medical Res Inst, John Hunter Hosp, Univ of Newcastle, Newcastle, Australia; Patricia M Desmond, Dept of Radiology, Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia; Stephen M Davis, Dept of Med, Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia; Mark W Parsons, Dept of Neurology and Hunter Medical Res Inst, John Hunter Hosp, Univ of Newcastle, Newcastle, Australia

4:36 Combined Magnetic Resonance Imaging and Clinical Thresholds to Predict Outcome in Acute Ischemic Stroke are Higher in Patients Treated with Reperfusion Therapy
Benjamin Pulli, Massachusetts General Hosp, Boston, MA; Giacomo D Papini, Scuola di Specializzazione in Radiodiagnostica, Univ degli Studi di Milano, Milan, Italy; Zeshan A Chaudhry, R Gilberto González, Albert J Yoo, Pamela W Schaefer, Massachusetts General Hosp, Boston, MA
4:48 Localization Of Lacunar Syndromes Within The Brain: MRI Findings In The SPS3 Trial
Thomas R Mirsen, Cooper Univ Hosp, Camden, NJ; Jeff Szychowski, Univ of Alabama at Birmingham, Birmingham, AL; Oscar Benavente, Univ of British Columbia, Vancouver, BC, Canada

5:00 Intracranial Vessel Localization with Power Motion-Mode Doppler (PMD-TCD) as compared with CT Angiography in Patients with Acute Ischemic Stroke
Kristian B Barlinn, Zeljko Zivanovic, Limin Zhao, Maruthi Kesani, Cloitilde Balucani, Comprehensive Stroke Ctr, Univ of Alabama at Birmingham, Birmingham, AL; Georgios Tsivgoulis, Dept of Neurology, Democritus Univ of Thrace, Sch of Med, Alexandroupolis, Greece; Andrei V Alexandrov, Comprehensive Stroke Ctr, Univ of Alabama at Birmingham, Birmingham, AL

5:12 The Acute Diffusion Lesion Reliably Represents Infarct Core: Clinically Relevant Reversibility Is Rare
Bruce C Campbell, Depts of Med and Radiology, Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia; Archana Purushotham, Dept of Neurology and Neurological Sciences and the Stanford Stroke Ctr, Stanford Univ Medical Ctr, Stanford, CA; Søren Christensen, Patricia M Desmond, Dept of Radiology, Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia; Yoshinari Nagakane, Florey Neuroscience Insts, Univ of Melbourne, Parkville, Australia; Maarten G Lansber, Michael Mlynash, Matus Straka, Dept of Neurology and Neurological Sciences and the Stanford Stroke Ctr, Stanford Univ Medical Ctr, Stanford, CA; Deidre A De Silva, Singapore General Hosp Campus, Natl Neuroscience Inst, Singapore, Singapore; Jean-Marc Olivot, Roland Bammer, Gregory W Albers, Dept of Neurology and Neurological Sciences and the Stanford Stroke Ctr, Stanford Univ Medical Ctr, Stanford, CA; Andrew M Southerland, MD, Charlottesville, VA; Larry B Goldstein, MD, FAHA, FAAN, Durham, NC; EPITHET-DEFUSE Investigators

Session V: Concurrent G-Junior Investigator Session I
Room 502 B

Moderators: TBD

4:00 Early status of coagulation and platelet activation after Subarachnoid Hemorrhage (SAH)
Jennifer Frontera, MD, New York, NY

4:05 Discussant TBD

4:10 Q&A

4:18 Sex-Related Differences In Cervical Artery Dissection: Searching For A Physiological Risk
Andrew M Southerland, MD, Charlottesville, VA

4:23 Discussant Larry B Goldstein, MD, FAHA, FAAN, Durham, NC

4:28 Q&A

4:36 Cerebral protective effects of co-treatment of pyruvate and rtPA against ischemic Stroke
Myoung-Gwi Ryou, PhD, Fort Worth, TX

4:41 Discussant
Eng H Lo, PhD, Charlestown, MA

4:46 Q&A

4:54 Expanding and Quantifying the Role of Multimodal MRI in Acute Stroke Treatment
Richard Leigh, MD, Baltimore, MD

4:59 Discussant
TBD

5:04 Q&A

5:12 Kuvan in prevention and treatment of cerebral vasospasm in aneurysmal subarachnoid hemorrhage (aSAH)
Tiesong Shang, MD, PhD, Miami Lakes, FL

5:17 Discussant
TBD

5:22 Q&A

5:30 pm – 5:45 pm
Short Break

5:45 pm – 6:45 pm
Poster Sessions
Poster Hall, Hall H

5:45 pm – 6:15 pm
Professor-Led Poster Tours by Category: Moderated Q&A with Poster Presenters
Moderated Posters W MP1 – W MP90; see pg 93 in the Poster Abstract Index for a complete listing of all the posters in this Professor-Led Poster Tour session.

6:15 pm – 6:45 pm
Regular Poster Session:
One-on-One Time for an Individual Q&A with Poster Presenters
These posters are not included in the 5:45 Professor-Led Poster Tour Session above.

Posters W P1 – W P351; see pg 107 in the Poster Abstract Index for a complete listing of all the posters in this session.

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

THURSDAY, FEBRUARY 10

7:30 am – 9:00 am

Session VI: Concurrent Symposia A
Evidence-Based Nursing
Room 502 A

Moderators: Kate Maddox, RN, MS, CNP, Ann Arbor, MI
Karen Rapp, RN, San Diego, CA

7:30 Evidence-Based Nursing for Stroke in the ED
Shirley Frederiksen, RN, MS, Ann Arbor, MI

7:49 Applying Evidence-Based Nursing to Stroke Unit Care
Robin Saiki, RN, Denver, CO

8:08 Evidence-Based Nursing: Lessons from the Military
Col Sara Breckenridge-Sproat, MSN, RN, PhD, Washington, DC

8:27 Expanding the Role of Nursing in Stroke Guidelines
Pamela H Mitchell, RN, PhD, FAHA, FAAN, Seattle, WA

8:45 Discussion

Session VI: Concurrent Symposia B
Harnessing Genetics to Prevent Stroke: The American Stroke Association-Bugher Foundation Centers for Stroke Prevention Research
Room 152

Moderators: James F Meschia, MD, FAHA, Jacksonville, FL
Larry B Goldstein, MD, FAHA, FAAN, Durham, NC

7:30 Genomics of Ischemic Preconditioning and TIA
Frank Sharp, BS, MD, Sacramento, CA

7:50 Racial Disparities in the Genetics of Ischemic Stroke
Cheryl Bushnell, MD, MHSc, FAHA, Winston Salem, NC

8:10 Genetics of Cerebral Aneurysms
Dong Kim, MD, Houston, TX

8:30 Genetics of WMH
Charles DeCarli, MD, Davis, CA

8:50 Taking the Next Step: Translating GWAS and Genomic Studies into New Approaches for Prevention?
Jonathan Seidman, PhD, Boston, MA

Discussion

Session VI: Concurrent Symposia C
Imaging in Acute Ischemic Stroke Trials
Room 151

Moderator: Markku Kaste, MD, PhD, FESO, FAHA, Helsinki, Finland

7:30 Patient Selection with PWI/DWI Remains the Target for Future Acute Stroke Intervention Trials
Gregory W Albers, MD, Palo Alto, CA
7:49  CT Perfusion Imaging Is the Critical Element for Future Acute Stroke Intervention Trials
Mark Parsons, PhD, Newcastle, New South Wales, Australia

8:08  Thrombus Detection Through CTA Is the Key Target for Future Acute Treatment Trials
Ruediger Von Kummer, MD, FAHA, Dresden, Germany

8:27  A Simplified NCCT/CTA Vascular Imaging Paradigm Is All That Is Needed
Andrew M Demchuk, MD, Calgary, AB Canada

8:45  Discussion

Session VI: Concurrent Symposia D
Magnesium and Aneurysmal Subarachnoid Hemorrhage
Room 502 B

Moderators: George KC Wong, MB, ChB, MSc, FRCSI, Hong Kong SAR, Hong Kong
John Zhang, MD, PhD, Loma Linda, CA

7:30  Vasospasm Basic Research: What Have We Learnt in the Past Decade and Why Is Magnesium of Interest?
Robert Loch MacDonald, MD, PhD, Toronto, ON Canada

7:49  MASH Trials: What Have We Learned?
George KC Wong, MB, ChB, MSc, FRCSI, Hong Kong SAR, Hong Kong

8:08  Super-selective Intra-arterial Magnesium Sulfate in Combination with Nicardipine for the Treatment of Cerebral Vasospasm in Patients with Subarachnoid Hemorrhage
Adnan I Qureshi, MD, FAHA, Minneapolis, MN

8:27  Intracisternal Infusion of Magnesium Sulphate after Aneurysmal Subarachnoid Hemorrhage: What Is the Evidence?
Kentaro Mori, MD, PhD, Shizuoka, Japan

8:45  Discussion

Session VI: Concurrent E
Basic and Translational Neuroscience of Stroke Recovery Oral Abstracts I
Room 515 A

Moderators: Chung Y Hsu, MD, PhD, Taichung, Taiwan
Lalit Kalra, MD, PhD, London, United Kingdom

7:30  Changes in Plasma Fractalkine Following Ischemic Stroke
Megan Donohue, Angela Kalil, Pat Tanzi, Kevin Cain, Dannielle Zerath, Dean Shibata, Kyra Becker, Univ of Washington, Seattle, WA

7:42  Autoimmune Responses to Brain Antigens Following Stroke
Angela Kalil, Patricia Tanzi, Dannielle Zerath, Kevin Cain, Anna Savos, J Michael Gee, Jessica Hadwin, Kelly T Carter, Dean Shibata, Kyra J Becker, Univ of Washington Sch of Med, Seattle, WA

7:54  Mitochondrial Genetics And Stroke Recovery
Steven C Cramer, Univ of California, Irvine, Irvine, CA; Vincent Procaccio, UC Irvine, Irvine, CA; the GAIN Americas and GAIN International Study Investigators

8:06  Peri-infarct Neuroinflammation Triggers Fiber Tract Degeneration: A Longitudinal in vivo DTI-PET Study
Alexander Thiel, Basia Radlinska, Jewish General Hosp, Montreal, QC, Canada; Jean Paul Soucy, Ralf Schirrmacher, Montreal Neurological Inst, Montreal, QC, Canada; Jeffrey Minuk, Jewish General Hosp, Montreal, QC, Canada

8:18  Stratifying Patients and Predicting Functional Outcome in Experimental Neurorehabilitation
Gottfried Schlaug, Lin L Zhu, Robert Lindenberg, BETH ISRAEL DEACONESS MED CTR/HARVARD MEDICAL SCHOOL, Boston, MA

8:30  Non-invasive Motor Cortex Stimulation after Stroke: The Effect of Number of Sessions on Outcome
Robert Lindenberg, Dinesh Nair, Lin L Zhu, Vijay Renga, Gottfried Schlaug, BIDMC / Harvard Medical Sch, Boston, MA

8:42  Discussion
8:42 Cilostazol but Not Aspirin can Maintain Cerebrovascular Function in Spontaneously Hypertensive Rats
Naoki Oyama, Yoshiki Yagita, Tsutomu Sasaki, Emi Omura-Matsuoka, Yasukazu Terasaki, Yukio Sugiyama, Miki Kawamura, Kazuo Kitagawa, Osaka Univ Graduate Sch of Med, Osaka, Japan

8:54 Discussion

Session VI: Concurrent Symposia G
Experimental Mechanisms and Models Oral Abstracts II
Room 408 AB
Moderators: Marilyn Cipolla, PhD, MS, FAHA, Burlington, VT
Edwin Nemoto, PhD, FAHA, Albuquerque, NM

7:30 The Threshold for the Transition from Capillary to Thoroughfare Shunt Flow at High ICP is Raised by increasing CPP via MAP
Denis E Bragin, Rachel C Bush, Edwin M Nemoto, Dept of Neurosurgery UNM, Albuquerque, NM

7:42 The Degree of Blood-Brain Barrier Opening after Reperfusion is Directly Proportional to the Drop in Cerebral Blood Flow During the Ischemic Period in a Rat Model of Reversible Stroke: A Quantitative Magnetic Resonance Imaging Study
Tavarekere N Nagaraja, Kishor Karki, Vijaya Nagesh, James R Ewing, Joseph D Fenstermacher, Robert A Knight, Henry Ford Hosp, Detroit, MI

7:54 Sex Differences In Protection Provided by Inhibition Of Trpm2 Channels Against Experimental Stroke In Mice
J Jia, S Nakayama, P D Hurn, M R Grafe, P S Herson, Dept of Anesthesiology and Perioperative Med, Oregon Health & Science Univ, Portland, OR

8:06 A Novel Small Molecule Plasminogen Modulator with an Extended Time Window and Less Hemorrhagic Side Effect for Treatment of Acute Stroke: Efficacies in Rodent and Primate Models
Keiji Hasumi, Tokyo Noko Univ, Fuchu, Japan; Kazuo Honda, Showa Univ, Tokyo, Japan; Hironobu Sawada, TMS Co, Ltd, Fuchu, Japan; Hiroyuki Takamatsu, Hamamatsu Pharma Res, Hamamatsu, Japan

8:18 Inhibition of TGF-β Activated Kinase by 5Z-7-oxozeaenal is Neuroprotective
Benjamin White, Univ of Connecticut Sch of Med, Farmington, CT; Jun Li, Louise McCullough, Univ of Connecticut Health Ctr, Farmington, CT

8:30 Activation of Protein Kinase G and Inhibition of Rho/Rho Kinase Pathway by Dipyridamole Mediates Stroke Protection
Cheng-I Cheng, Hyung-Hwan Kim, James K Liao, Brigham & Women's Hosp, Cambridge, MA

8:42 Cilostazol but Not Aspirin can Maintain Cerebrovascular Function in Spontaneously Hypertensive Rats
Naoki Oyama, Yoshiki Yagita, Tsutomu Sasaki, Emi Omura-Matsuoka, Yasukazu Terasaki, Yukio Sugiyama, Miki Kawamura, Kazuo Kitagawa, Osaka Univ Graduate Sch of Med, Osaka, Japan

8:54 Discussion
9:34 Near the Hematoma: Implications of MRI
   Peter D Schellinger, MD, PhD, FESO, Minden, Germany

9:53 Cerebral Metabolism in ICH: What PET Tells Us
   About Future Treatment Targets
   Allyson Zazulia, MD, FAHA, St Louis, MO

10:12 Around the Hematoma: Insight from CT Perfusion Imaging
   Ken Butcher, MD, PhD, FRCP, Edmonton, AB Canada

10:30 Discussion

Session VII: Concurrent D
   Multidisciplinary Clinical Rehabilitation Oral Abstracts Room 515 B

Moderator: Carolee J Winstein, PhD, PT, FAPTA, Los Angeles, CA

9:15 The Effects of a Stroke Tele-rehabilitation In-Home
   Neale R Chumbler, Richard L Roudebush VAMC, Indianapolis, IN; Miriam C Morey, Geriatric Res Education & Clinical Ctr, Durham VAMC, Durham, NC; Patricia Grifiths, Atlanta VA Rehab R&D Ctr, Atlanta VAMC, Decatur, GA; Patricia Quigley, HSR&D/RR&D Res Ctr of Excellence, James A Haley VAMC, Tampa, FL; Dorian K Rose, Dept of Physical Therapy, Coll of Public Health & Health Professions, Univ of Florida, Gainesville, FL; Jon Sanford, Atlanta VA Rehab R&D Ctr, Atlanta VAMC, Decatur, GA; Helen Hoening, Physical Med& Rehabilitation Service, Durham VAMC, Durham, NC

9:27 Tract Specific Diffusion Parameters Predict Functional Performance In Chronic Stroke Survivors: 3d Tractography Based Axonal Tracking Approach
   Prachi Dubey, Rafeeqe Bhadelia, Beth Israel Deaconess Medical Ctr, Boston, MA; Amir Abduljalil, Ohio State Univ, Columbus, OH; David Alsop, Rafael Rojas, Peter Novak, Magdy Selim, Vera Novak, Beth Israel Deaconess Medical Ctr, Boston, MA

9:39 The Tribulations and the Truth about Recruiting Sites to a Large International Clinical Trial
   Julie Bernhardt, Fiona Ellery, Karen Borschmann, Floreyn Neuroscience Insts, Heidelberg Heights, Australia

9:51 Safety in the first 700 patients in a Very Early Rehabilitation Trial (AVERT)
   Julie Bernhardt, Janice Collier, Floreyn Neuroscience Insts, Heidelberg Heights, Australia; Amanda Thrift, Baker IDI Res Inst, Prahran, Australia; Helen Dewey, Austin Health, Heidelberg Heights, Australia; Richard Lindley, Univ of Sydney, Sydney, Australia; Geoffrey Donnan, Floreyn Neuroscience Insts, Heidelberg Heights, Australia; Peter Langhorne, Univ of Glasgow, Glasgow, United Kingdom; on behalf of the AVERT Collaboration

10:03 What FIM Threshold Best Predicts Functional Independence in Stroke Patients Enrolled in Early Supported Discharge Program in Singapore?
   Effie Chew, Div of Neurology, Natl Univ Hosp, Singapore; Chee Pei Chai, Suhaila Mohamed Usuludin, Jia Yen Eng, Rehabilitation Ctr, Natl Univ Hosp, Singapore; Liang Shen, Biostatistics Div, Yong Loo Lin Sch of Med, Natl Univ, Singapore, Singapore; Vijay Kumar Sharma, Bernard P Chan, Div of Neurology, Natl Univ Hosp, Singapore, Singapore

10:15 Clinical Tests Performed the First Week After Stroke
   Can Predict Risk of Falling
   Katharina Stibrant Sunnerhagen, Carina U Persson, Per-Olof Hansson, Univ of Gothenburg, Gothenburg, Sweden

10:27 Readmission within 1 Month of Discharge Among Patients with Acute Ischemic Stroke; Results of the University Healthsystems Consortium Stroke Benchmarking Study
   Adnan I Qureshi, M Fareed K Suri, Mustapha A Ezzeddine, Zeenat Qureshi Stroke Res Ctr, Univ of Minnesota, Minneapolis, MN

10:39 Discussion

Session VII: Concurrent E
   Outcomes, Quality and Health Services Research Oral Abstracts I Room 502 A

Moderators: Stephen M Davis, MD, FRCP, Edin FRACP, FAHA, Victoria, Australia
   Judith H Lichtman, PhD, MPH, New Haven, CT

9:15 Health-Related Quality of Life after Carotid Stenting versus Carotid Endarterectomy: Results from the Carotid Revascularization Endarterectomy versus Stenting Trial (CREST)
   David J Cohen, Saint Luke’s Mid America Heart and Vascular Inst, Kansas City, MO; Joshua M Stolker, St Louis Univ, St Louis, MO; Wayne M Clark, Oregon Health and Sciences Univ, Portland, OR; Elizabeth M Mahoney, Saint Luke’s Mid America Heart and Vascular Inst, Kansas City, MO; Kaijun Wang, Saint Luke’s Mid America Heart Inst, Kansas City, MO; Bart M Domaerschak, Mayo Clinic, Phoenix, AZ; Albert D Sam II, Vascular Specialty Ctr, Baton Rouge, LA; James R Elmore, Geisinger Medical Ctr, Danville, PA; Fred A Weaver, Keck Sch of Med, Univ of Southern California, Los Angeles, CA; Herbert D Aronow, Michigan Heart & Vascular Inst, Ann Arbor, MI; Larry B Goldstein, Duke Univ and Durham VAMC, Durham, NC; George Howard, Univ of Alabama at Birmingham, Birmingham, AL; Thomas G Brott, for the CREST Investigators, Mayo Clinic, Jacksonville, FL

9:27 Cost-Effectiveness Analysis of Intracranial Stent Placement versus Contemporary Medical Management in Patients with Symptomatic Intracranial Artery Stenosis
   Amir S Khan, Ameer E Hassan, Gabriela Vazquez, M Fareed K Suri, Kamakshi Lakshminarayan, Adnan I Qureshi, Zeenat Qureshi Stroke Res Ctr, Univ of Minnesota, Minneapolis, MN

9:39 Why Hospital Mortality is Not a Good Quality Indicator for Stroke
   Don Smith, Colorado Neurological Inst, Englewood, CO; William Jones, Univ of Colorado, Aurora, CO; Paul Murphy, Colorado Stroke Alliance, Denver, CO; Connie Zachrich, Littleton Adventist Hosp, Littleton, CO; Marsha Wilde, Colorado Dept of Public Health and Environment, Denver, CO

9:51 The PLAN Score: A Simple Prediction Rule for Death and Severe Disability Following Acute Ischemic Stroke
   Martin O’Donnell, Natl Univ of Ireland, Galway, Galway, Ireland; Jiming Fang, ICES, Toronto, ON, Canada; Cami D’Uva, Joseph Bant Hosp, Burlington, ON, Canada; Linda Gould, Hamilton Health Sciences, Hamilton, ON, Canada; Emer McGrath, Natl Univ of Ireland, Galway, Galway, Ireland; Moira Kapral, Univ of Toronto, Toronto, ON, Canada; Registry of the Canadian Stroke Network
10:03 Mortality and Rehospitalization Outcomes after Acute Ischemic Stroke: A Comparison to Outcomes after Acute Myocardial Infarction
Kamakshi Lakshminarayan, Candace Schisssle, Alan K Berger, Adnan I Qureshi, Russell V Luepker, David C Anderson, UNIVERSITY OF MINNESOTA, Minneapolis, MN

10:15 Death and Rehospitalization Following Hospitalization for Stroke/TIA: One Year Findings from AVAL DalWai Olson, Duke Clinical Res Inst, Durham, NC; Cheryl Bushnell, Wake Forest Univ Health Sciences, Winston-Salem, NC; Margueritte Cox, Louise O Zimmer, Wenqin Pan, Duke Clinical Res Inst, Durham, NC; Ralph Sacco, Univ of Miami, Miami, FL; Gregg C Fonarow, Univ of California, Los Angeles, CA; Richard Zorowitz, Johns Hopkins Bayview Medical Ctr, Baltimore, MD; Kenneth A LaBresh, Res Triangle Inst, Research Triangle Park, NC; Lee H Schwamm, Stroke Service, Massachusetts General Hosp, Boston, MA; Eric D Peterson, Duke Clinical Res Inst, Durham, NC

10:27 The Long-Term Impact of Ischemic Stroke on Mortality Among Patients with Atrial Fibrillation: The Anticoagulation and Risk Factors in Atrial Fibrillation (ATRIA) Study Margaret C Fang, UCSF, San Francisco, CA; Alan S Go, Kaiser Permanente of Northern California Div of Res, Oakland, CA; Yuchiao Chang, Leila H Borowsky, Massachusetts General Hosp, Boston, MA; Niela K Pomernacki, Natalia Udaltsova, Kaiser Permanente of Northern California Div of Res, Oakland, CA; Daniel E Singer, Massachusetts General Hosp, Boston, MA

10:39 Discussion

Session VII: Concurrent F Preventive Strategies Oral Abstracts Room 515 A

Moderators: Shinichiro Uchiyama, MD, FAHA, Tokyo, Japan Peter A Sandrock, MD, FRCP, Edinburgh, United Kingdom

9:15 AVERROES: Apixaban Versus Acetylsalicylic Acid (ASA) to Prevent Strokes Hans-Christoph Diener, Univ Hosp Essen, Essen, Germany; Salim Yusuf, McMaster Univ, Hamilton, ON, Canada; John Eikelboom, Population Health Res Inst, McMaster Univ, Hamilton, ON, Canada; Martin O O’Donnell, HRB-Clinical Res Facility, Galway, Ireland; Stuart J Connolly, McMaster Univ, Hamilton, ON, Canada; on behalf of the AVERROES Steering Committee and Investigators

9:27 Diastolic Dysfunction Mediates Left Atrial Appendage Thrombus Formation in Patients with Atrial Fibrillation Anna Demopoulos, Heather Gage, Rush Univ Medical Ctr, Chicago, IL; Vijaiganesh Nagaranjan, John H Stroger Jr Hosp of Cook County, Chicago, IL; George Karam, Rush Univ Medical Ctr, Chicago, IL; Rami Doukky, Rush Univ Medical Ctr and John H Stroger Jr Hosp of Cook County, Chicago, IL

9:39 The Use of an Unplanned Adaptive Design in an NIH-Sponsored Stroke Prevention Trial – Observations from SPSP Leslie A McClure, Jeff M Szychowski, Univ of Alabama at Birmingham, Birmingham, AL; Oscar Benavente, Univ of British Columbia, Vancouver, BC, Canada; Robert G Hart, Univ of Texas Health Sciences Ctr, San Antonio, TX; Robin Conwit, NIH/NINDS, Bethesda, MD; Christopher S Coffey, Univ of Iowa, Iowa City, IA

9:51 The Closure I Trial Recurrent Neurological Events in Patients With Patent Foramen Ovale Treated With Percutaneous Closure Versus Best Medical Therapy Anthony J Furlan, Univ Hosp Case Medical Ctr, Cleveland, OH; Closure I Investigators

10:03 Impact of Insulin Resistance and Postprandial Hyperglycemia on Incidence of Stroke in a General Urban Japanese Cohort: The Suita Study Yoshihiro Kokubo, Makoto Watanabe, NATIONAL CEREBROVASCULAR AND CARDIOVASCULAR CENTER, Suita, Japan; Aya Higashiyama, Hyogo Coll of Med, Nishinomiya, Japan; Yuu Ono, NATIONAL CEREBROVASCULAR AND CARDIOVASCULAR CENTER, Suita, Japan; Yoko Furukawa, Kyoto Koka Women’s Univ, Kyoto, Japan; Hisashi Makino, Yoshihiro Miyamoto, Tomonori Okamura, NATIONAL CEREBROVASCULAR AND CARDIOVASCULAR CENTER, Suita, Japan


10:27 Achieving an Aggressive Systolic Blood Pressure Treatment Target vs a Conventional Target Prevents Stroke and Saves Lives Meng Lee, Chang Gung Memorial Hosp, Chiayi, Taiwan; Jeffrey L Saver, Qing Hao, Bruce Ovbiagele, UCLA STROKE CENTER, Los Angeles, CA

10:39 Discussion

Session VII: Concurrent G Acute Noninterventional Treatment Oral Abstracts II Room 408 AB

Moderator: Alison Baird, MBBS, PhD, FRACP, Brooklyn, NY

9:15 Insulin Resistance Is Associated With a Worse Response to Intravenous Thrombolysis in Acute Ischemic Stroke Ana I Calleja Sanz, Pablo Garcia-Bermejo, Elisa Cortijo Garcia, Patricia Mulero Carrillo, Rosa Bustamante, Rosario Fernandez-Herranz, Juan F Arenillas Lara, Hosp Clinico Univiro de Valladolid, Valladolid, Spain


9:39 Safety of Intravenous Mononuclear cells for Acute Ischemic Stroke (SIVMAS) Trial Sean I Savitz, Vivek Misra, Imoigiele Aisiku, Harrinder Juneja, Adrian Gee, Preeti Sahota, Mallikarjunarao Kasam, Susan Alderman, Siddhartha Kar, Charles Cox, James Grotta, UNIV TEXAS MEDICAL SCH HOUSTON, Houston, TX

9:51 The Argatroban TPA Stroke Study Andrew D Barreto, UNIV OF TEXAS-HOUS顿, Houston, TX; Andrei V Alexandrov, Univ of Alabama Birmingham, Birmingham, AL; Pat Lyden, Cedars Sinai hospital, Los Angeles, CA; Jessica Lee, Chris Hall, UNIV OF TEXAS-SOUTHWESTERN, Dallas, TX; Sheryl Martin-Schild, Tulane Univ, New Orleans, LA; Anitha T Abraham, Southwest
10:03 Hyperglycemia Worsens Outcome After rt-PA in the Large Artery Stroke Subtype
Pitchaiah Mandava, Baylor Coll of Med & VA Medical Ctr, Houston, TX; Melody Munoz, Baylor Coll of Med, Houston, TX; William Dalmeida, Baylor Coll of Med & VA Medical Ctr, Houston, TX; Karthik Sarma, Michael A Brooks, Baylor Coll of Med, Houston, TX; Jane Anderson, Roderic Fabian, Baylor Coll of Med & VA Medical Ctr, Houston, TX; Thomas A Kent, Baylor Coll of Med, Houston, TX

10:15 Sulfonylurea Use Prior to Stroke Does Not Influence Stroke Severity or Long-term Functional Outcome
Christopher G Favilla, Michael T Mullen, UNIVERSITY OF PENNSYLVANIA, Philadelphia, PA; Myzoon Ali, Peter Higgins, Univ of Glasgow, Glasgow, United Kingdom; Scott E Kasner, UNIVERSITY OF PENNSYLVANIA, Philadelphia, PA; On behalf of the VISTA Collaboration

10:27 Statin Use May Increase the Risk of Symptomatic Hemorrhage after Intra-venous Thrombolysis
Syed Zaidi, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Austin Hacke, Saint Louis Univ, Saint Louis, MO; Sherman Chen, Texas Stroke Inst, Dallas, TX; Ritesh Kaushal, Amer Alsheklee, Jacob Kitchener, Sushant Kale, Tagann Chaisam, John Chibnall, Aninda Acharya, Paisith Piriyawat, Eli Feen, Salvador Cruz-Flores, Charlie Callison, Randall Edgell, Nirav Vora, Saint Louis Univ, Saint Louis, MO

10:39 Discussion

10:45 am – 11:00 am
Short Break

11:00 am – 12:30 pm
Session VIII: Plenary Session II
Hall G
Moderators: Lewis B Morgenstern, MD, FAHA, Ann Arbor, MI
Steven M Greenberg, MD, PhD, Boston, MA

11:00 Introduction of the Mordecai Y T Globus New Investigator Award in Stroke
Steven M Greenberg, MD, PhD, Boston, MA

11:02 Mordecai Y T Globus New Investigator Award in Stroke: Familial Intracranial Aneurysms: Is Anatomic Vulnerability Heritable?
Jason Mackey, Univ of Cincinnati, Cincinnati, OH; Robert D Brown Jr, Mayo Clinic, Rochester, MN; Charles J Moomaw, Univ of Cincinnati, Cincinnati, OH; Dheeraj Gandhi, Johns Hopkins Univ, Baltimore, MD; Laura Sauerbeck, Univ of Cincinnati, Cincinnati, OH; Richard Hornung, Cincinnati Children's Hosp, Cincinnati, OH; Daniel Woo, Dawn Kleindorfer, Matthew L Flaherty, Univ of Cincinnati, Cincinnati, OH; Irene Meissner, Mayo Clinic, Rochester, MN; Tatiana Foroud, Indiana Univ, Indianapolis, IN; Craig Anderson, Univ of Sydney, Sydney, Australia; Guy Rouleau, Notre Dame Hosp, Montreal, QC, Canada; E Sander Connelly, Columbia Univ, New York, NY; Ranjan Deka, Univ of Cincinnati, Cincinnati, OH; Daniel L Koller, Indiana Univ, Indianapolis, IN; Todd Abruzzo, Univ of Cincinnati, Cincinnati, OH; John Huston III, Mayo Clinic, Rochester, MN; Joseph P Broderick, Univ of Cincinnati, Cincinnati, OH; for the FIA Investigators

11:14 Introduction of the Stroke Care in Emergency Medicine Award
Steven M Greenberg, MD, PhD, Boston, MA

11:16 Stroke Care in Emergency Medicine Award: Reperfusion Therapy in Acute Ischemic Stroke with Unclear Onset by MRI Evaluation (RESTORE)
Dong-Wha Kang, Asan Medical Ctr, Univ of Ulsan Coll of Med, Seoul, Korea, Republic of; Sung-II Sohn, Keimung Univ Dongsan Medical Ctr, Daegu, Korea, Republic of; Kyung-Ho Yu, Hallym Univ Sacred Heart Hosp, Anyang, Korea, Republic of; Yang-Ha Hwang, Kyungpook Natl Univ Hosp, Daegu, Korea, Republic of; Moon-Ku Han, Seoul Natl Univ Bundang Hosp, Seongnam, Korea, Republic of; Jun Lee, Yeungnam Univ Hosp, Daegu, Korea, Republic of; Jong-Moo Park, Eulji General Hosp, Eulji Univ, Seoul, Korea, Republic of; A-Hyun Cho, Catholic Univ St Mary's Hosp, Seoul, Korea, Republic of; Dong-Eog Kim, Dongguk Univ Ilsan Hosp, Goyang, Korea, Republic of; Yong-Jin Cho, Inje Univ Ilsan Paik Hosp, Goyang, Korea, Republic of; Jaseong Koo, Catholic Univ Seoul St Mary's Hosp, Seoul, Korea, Republic of; Keun-Sik Hong, Inje Univ Ilsan Paik Hosp, Goyang, Korea, Republic of; Sun U Kwon, Asan Medical Ctr, Univ of Ulsan Coll of Med, Seoul, Korea, Republic of; Junyoung Lee, Korea Univ, Seoul, Korea, Republic of; Hee-Joon Bae, Seoul Natl Univ Bundang Hosp, Seongnam, Korea, Republic of; Jong S Kim, Asan Medical Ctr, Univ of Ulsan Coll of Med, Seoul, Korea, Republic of

11:28 Introduction of the Highest Scoring Abstracts Submitted for ISC 2011
Lewis B Morgenstern, MD, FAHA, Ann Arbor, MI

11:30 Risk-adjusted 30-day Subarachnoid Hemorrhage Mortality Among The Elderly In The United States, 1993-2006

11:42 Cost-Related Nonadherence to Medication among US Stroke Survivors after Medicare Part D Implementation
Deborah A Levine, Lewis B Morgenstern, Kenneth M Langa, John D Piette, Univ of Michigan, Ann Arbor, MI; Sudeep J Karve, RTI Health Solutions, Research Triangle Park, NC

11:54 The Effect Of Partial Aortic Obstruction with Neuroflo Balloon Catheter on Serial CT or MR Perfusion Imaging In Patients With Acute Ischemic Infarction: Results From The Sentis Randomized, Multi-center Trial
William P Dillon, UCSF, San Francisco, CA; SENTIS Steering Committee and Investigators

12:06 Introduction of the William M Feinberg Award
Lewis B Morgenstern, MD, FAHA, Ann Arbor, MI

12:10 William M Feinberg Award for Excellence in Clinical Stroke: Evolving Stroke: Imaging and Treatment Selection
Stephen M Davis, MD, FRCP, Edin FRACP, FAHA, Victoria, Australia
Session IX: Concurrent Symposia C

Early Blood Brain Barrier Changes in Stroke: Emerging Molecular Targets
Room 502 B

Moderators: Marilyn Cipolla, PhD, MS, FAHA, Burlington, VT
Victor Yushmanov, PhD, Dsc, Pittsburgh, PA

2:00 Early SUR-1, Edema and the BBB in Stroke
J M Simard, PhD, Baltimore, MD

2:19 BBB Ion Transporters in Early Stroke
Martha O'Donnell, PhD, Davis, CA

2:38 Early BBB Disruption in Human Stroke with Gd-DTPA MRI
Lawrence L Latour, PhD, Bethesda, MD

2:57 Early BBB, Na+, and K+ Changes at the Edge of Ischemic Stroke
Stephen C Jones, PhD, Pittsburgh, PA

3:15 Discussion

Session IX: Concurrent Symposia D

Flow Diversion: A New Way to Treat Intracranial Aneurysms? (Debate)
Room 502 A

Moderator: Philip M Meyers, MD, New York, NY

2:00 Flow Diversion: The Next Aneurysm Innovation of the Future
Michael Kelly, BSC, MD, FRCPC, Saskatoon, SK, Canada

2:25 Coil Embolization Is State of the Art: No Need to Abandon Established Therapy
William E Thorell, MD, Omaha, NE

2:50 Flow Diversion: Do We Need to Pause and Catch Our Breath?
Peter K Nelson, MD, New York, NY

3:15 Discussion

Session IX: Concurrent E

Emergency Medicine Oral Abstracts II
Room 152

Moderators: Nina T Gentile, MD, Philadelphia, PA
Richard T Benson, MD, PhD, Washington, DC

2:00 Initial Validation of the ABCD² Score for Predicting Cerebrovascular Diagnoses in Emergency Department (ED) Patients with Acute Dizziness

2:12 Initial and Short-Term Risk of Stroke Diagnosis in Emergency Department Patients with a Chief Complaint of Dizziness
Anthony S Kim, UCSF, San Francisco, CA; Steve Sidney, Kaiser Permanente Div of Res, Oakland, CA; Jeffery G Klingman, Kaiser Permanente Medical Ctr, Walnut Creek, CA; S Claiborne Johnston, UCSF, San Francisco, CA

2:24 National Institutes of Health Stroke Scale in Plain English: Reliable for Novice Users with Minimal Training
Lisa Yanase, Allen Brown, Sandy Dancer, Providence Portland Medical Ctr, Portland, OR
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<tr>
<th>Session IX: Concurrent F Intracranial Atherosclerotic Occlusive Disease Oral Abstracts Room 515 B</th>
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<tr>
<td>2:00 Cilostazol Improves Intracranial Artery Stenosis: Pilot Feasibility Study for Evaluation of Effect of Cilostazol on Stenosis Regression using CT angiography</td>
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<td>TOSHIHIRO ISHIBASHI, Yuichi Murayama, Hiroyuki Takao, Hideki Arakawa, Koikeki Irie, Masaki Ebara, The Jikei Univ, Tokyo, Japan; Takayuki Saguchi, Japanese Red Cross Medical Ctr, Tokyo, Japan; Toshiaki Abe, The Jikei Univ, Tokyo, Japan</td>
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<td>2:12 Early Aggressive Risk Factor Management for Patients with Symptomatic Intracranial Stenosis</td>
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<td>Fadi Nahab, Carlene Kingston, Michael R Frankel, Jacques E Dion, C Michael Cawley, Emory Univ, Atlanta, GA; Brian Mitchell, Athens Neurology, Athens, GA; Frank C Tong, Emory Univ, Atlanta, GA</td>
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<td>2:24 Final Results Of The Barcelona-ASymptomatic Intracranial Atherosclerosis (ASIA) Study: Prevalence And Risk Factors</td>
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<td>Elena Lopez-Cancio, Laura Dorado, Monica Millan, HUGTIP, Neurosciences Dept, Badalona (Barcelona), Spain; Maite Alzamora, ISC-IDIAP Jordi Gol, Mataró, Barcelona, Spain; Silvia Reverté, Anna Suñol, HUGTIP, Neurosciences Dept, Badalona (Barcelona), Spain; Anna Masuet, HUGTIP, MR Dept, Badalona (Barcelona), Spain; Amparo Galan, HUGTIP, Biochemistry Dept, Badalona (Barcelona), Spain; Antoni Dávalos, HUGTIP, Neurosciences Dept, Badalona (Barcelona), Spain; Juan F Arenillas, Stroke Unit, Univ Clinico Hosp, Valladolid, Spain</td>
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<td>2:36 Hemodynamic Effect of Angioplasty and Stenting for Intracranial Stenosis</td>
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<td>Sepideh Amin-Hanjani, Victor A Aletich, Fady T Charbel, Keith R Thulborn, Univ of Illinois at Chicago, Chicago, IL</td>
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<td>2:48 Comparison of Balloon Mounted Stents to Self Expanding Stents in the treatment of Symptomatic Intracranial Atherosclerosis: Retrospective Multi-Center Experience</td>
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<td>Rishi Gupta, Emory Univ Medical Ctr, Marcus Stroke Ctr, Grady Memorial Hosp, Atlanta, GA; Esteban Ching-Cheng, Cleveland Clinic Fdn, Cleveland, OH; Alex Abou-Chebl, Univ of Louisville, Louisville, KY; Osama Zaidat, Medical Cll of Wisconsin, Milwaukee, WI; Tudor Jovin, Univerity of Pittsburgh Medical Ctr, Pittsburgh, PA; Muhammad S Hussain, Cleveland Clinic Fdn, Cleveland, OH; Ridwan Lin, Amer Malek, Univerity of Pittsburgh Medical Ctr, Pittsburgh, PA; Ferdinand Hui, Cleveland Clinic Fdn, Cleveland, OH; Wei-Jian Jiang, Beijing TianTian Hosp, Capital Medical Univ, Beijing, China</td>
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<td>3:00 PET of Estrogen Sulfotransferase in Moyamoya Syndrome: Potential Imaging of Inflammation and Arteriogenesis</td>
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<td>David S Liebeskind, Vladimir Kepe, Graham B Cole, Hannah Smith, Qing Hao, Rana Fiaz, Doojin Kim, Latisha K Ali, Jeffrey L Saver, Jorge R Barrio, UCLA, Los Angeles, CA</td>
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<td>3:12 Clinical Relevance Of Residual Stenosis Following Intracranial Angioplasty And/or Stent Placement For Atherosclerotic Lesions</td>
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<td>3:24 Discussion</td>
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<td>Session IX: Concurrent G Late-Breaking Science Oral Abstracts Room 408 AB</td>
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<tr>
<td>Moderators: Patrick Lyden, MD, Los Angeles, CA Andrei V Alexandrov, MD, Birmingham, AL</td>
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<tr>
<td>2:00 A Small Molecule Brain-Derived Neurotrophic Factor Mimetic, Administered Beginning Three Days After Stroke, Improves Functional Recovery</td>
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<td>Juliet Han, Jullia Pollak, Tao Yang, Keresmeh Taravosh-Lahn, Kristian Doyle, Egle Cekanaviciute, Alex Han, Jeremy Z Goodman, Britta Jones, STANFORD UNIVERSITY, Stanford, CA; Deqiang Jing, Cornell Univ, New York, NY; Frank M Longo, Marion S Buckwalter, STANFORD UNIVERSITY, Stanford, CA</td>
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<td>2:12 Results of the Carotid Occlusion Surgery Study (COSS)</td>
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<td>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 Sch of Med, Iowa City, IA; Colin P Dercygn, Washington Univ Sch of Med, St Louis, MO; for the Carotid Occlusion Surgery Study (COSS) Investigators</td>
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4:00 pm – 5:30 pm

Session X: Concurrent Symposia A
Does Stroke Center Designation Improve Patient Outcomes? (Debate)
Room 408 AB
Moderator: Patrick Lyden, MD, Los Angeles, CA

4:00 Care at Stroke Centers Improve Patient Outcomes
Mark J Alberts, MD, FAHA, Chicago, IL

4:25 Care at Stroke Centers Does Not Improve Patient Outcomes
S Claiborne Johnston, MD, FAHA, San Francisco, CA

4:50 Discussant
Antoni Davalos, MD, PhD, Barcelona, Spain

5:15 Discussion

Session X: Concurrent Symposia B
Endovascular Management of SAH: Practical Considerations
Room 152
Moderators: Bo Norrving, MD, PhD, Lund, Sweden
Bob S Carter, MD, PhD, San Diego, CA

4:00 Stent Assisted Coiling in SAH: Doable or Too Risky?
Christopher Putman, MD, Falls Church, VA

4:19 Prevention and Management of Intraoperative Rerupture While Coiling: Aneurysm Selection and Rescue Strategies
Peter Rasmussen, MD, Cleveland, OH

4:38 Fight Again Another Day: Partial Coiling Techniques in the Treatment of Acutely Ruptured Aneurysms
Aman B Patel, MD, New York, NY

4:57 Endovascular Management of Vasospasm
Sean Pakbaz, MD, San Diego, CA

5:15 Discussion

Session X: Concurrent Symposia C
Intracerebral Hemorrhage in Children and Young Adults: Emerging Concepts of Treatment and Outcomes
Room 502 A
Moderators: Daniel Woo, MD, MS, Cincinnati, OH
Lauren Beslow, MD, Philadelphia, PA

4:00 Pediatric Intracerebral Hemorrhage: Etiology and Outcome
Lori Jordan, MD, PhD, Baltimore, MD

4:19 Intracerebral Hemorrhage in Adults: Lessons from the Adult Literature
Steve Messe, MD, Philadelphia, PA

4:38 Surgical Evacuation of ICH in Younger Patients: After the STICH I Trial
Matthew A Kirkman, BSc, MBBS, Manchester, United Kingdom

4:57 Medical Treatment of ICH in Children: The Role of Inherited and Acquired Defects in Coagulation, Implications for Therapy
James Huang, MD, San Francisco, CA

5:15 Discussion

3:30 pm – 4:00 pm
Science and Technology Hall/Break
Hall J
Session X: Concurrent Symposia D
Medical Complications in Stroke Patients: A Primer on Prevention and Treatment
Room 151
Moderators: Natan M Bornstein, MD, FAHA, Tel Aviv, Israel
Brett L Cucchiara, MD, FAHA, Philadelphia, PA
4:00 Epidemiology of Medical Complications After Stroke Worldwide: Incidence, Risk Factors and Outcomes
Elena Kuklina, MD, PhD, Atlanta, GA
4:19 Aspiration Pneumonia: Preventive Strategies in 2010
Carol A Smith Hammond, PhD, MEd, Durham, NC
4:34 Prevention and Management of Deep Venous Thrombosis and Pulmonary Embolism in Stroke Patients
Jose Biller, MD, FACP, FAAN, FAHA, Maywood, IL
4:57 Other Medical Complications and Neurologic Deterioration after Stroke
Andrei V Alexandrov, MD, Birmingham, AL
5:15 Discussion

Session X: Concurrent Symposia E
Submitting to and Reviewing for Stroke / Presentation of the Stroke Innovation Award Winners (a Stroke journal session)
Room 515 B
Moderator: Marc Fisher, MD, Worcester, MA
4:00 Presentation of the Stroke Innovation Awards
Marc Fisher, MD, Worcester, MA
4:15 Instructions to Authors for Clinical Manuscripts
Karen L Furie, MD, MPH, FAHA, Boston, MA
4:23 Instructions to Authors for Basic Science Manuscripts
Eng H Lo, PhD, Charlestown, MA
4:31 Manuscript Review Process
Marc Fisher, MD, Worcester, MA
4:39 Manuscript Processing
Rebecca Seastrong, Boston, MA
4:44 Tips on Optimal Scientific Writing
TBD
5:15 Discussion

Session X: Concurrent Symposia F
White Matter Hyperintensities: The Role of Inflammation, Vascular Damage and Neurodegeneration
Room 515 A
Moderators: Clinton Wright, MD, MS, Miami, FL
Charles DeCarli, MD, Sacramento, CA
4:00 Regional Variation in Correlates of Leukoaraiosis
Eric Smith, MD, Calgary, AB, Canada
4:19 Biomarkers of Inflammation and White Matter Injury in Vascular Cognitive Impairment
Gary Rosenberg, MD, Albuquerque, NM
4:38 Neuropathology of White Matter Lesions
Paul Ince, MD, Sheffield, United Kingdom
4:57 MRI White Matter Neuroimaging
Dheeraj Gandhi, MD, Baltimore, MD
5:15 Discussion

Session X: Concurrent Symposia G
Junior Investigator Session II
Room 502 B
Moderators: Michael Tymianski, MD, PhD, Toronto, ON, Canada
Harold Adams Jr, MD, FAHA, Iowa City, IA
4:00 Multiple Interventions for Neuroprotection Utilizing Thermal-Regulation in the Emergent treatment of Stroke (The MINUTES Study)
Muzaffar M Siddiqui, MD, FRCP(C), AB, Canada (Primary)
4:05 Discussant
David Huang, MD, PhD, Chapel Hill, NC
4:10 Q&A
4:18 Brainstem Injury Following Cardiac Arrest and Resuscitation in Rat and Uprotection of Ketosis
Kui Xu, MD, Cleveland, OH
4:23 Discussant
TBD
4:28 Q&A
4:36 Symptomatic Hemorrhage In Stroke after Thrombolysis Prediction
Laura Heitsch, MD, Cincinnati, OH
4:41 Discussant
TBD
4:46 Q&A
4:54 Predicting Tissue Fate in Acute Cerebral Ischemia Using Special-temporal Analysis of BBB Transfer Rte and Edema Volume Measured by Multimodal Magnetic Resonance Imaging
Saeid Taheri, PhD, Charleston, SC
4:49 Discussant
Edwin Nemoto, PhD, FAHA, Albuquerque, NM
5:04 Q&A
5:12 Late Endovascular REVascularization in Acute ischemic Stroke Based on Clinical-diffusion mismatch (REVASC), a Safety and Feasibility Study
Nazli Janjua, MD, Brooklyn, NY
5:17 Discussant
Souvik Sen, MD, MS, MPH, FAHA, Columbia, SC
5:23 Q&A
5:30 pm – 5:45 pm
Short Break

5:45 pm – 6:45 pm
Poster Sessions
Poster Hall, Hall H

5:45 – 6:15
Professor-Led Poster Tours by Category:
Moderated Q&A with Poster Presenters
Moderated Posters Th MP1 – Th MP90; see pg 151 in the Poster Abstract Index for a complete listing of all the posters in this Professor-Led Poster Tour session.
6:15 – 6:45
Poster Session
One-on-One Time for an Individual Q&A with Poster Presenters
These posters are not included in the 5:45 Professor-Led Poster Tour Session above.
Posters Th P1 – Th P335; see pg 166 in the Poster Abstract Index for a complete listing of all the posters in this 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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FRIDAY, FEBRUARY 11

8:00 am – 9:30 am

Session XI: Concurrent Symposia A
Defending the Stroke Guidelines
Room 152
(Below presentations dependent upon publication)

Moderators: Scott E Kasner, MD, MS, FAHA, Philadelphia, PA
Colin Derdeyn, MD, FAHA, St Louis, MO

8:00 Guideline and Scientific Statement Development
Colin Derdeyn, MD, FAHA, St Louis, MO

8:10 Intracerebral Hemorrhage
J Claude Hemphill, MD, MS, FAAN, San Francisco, CA

8:30 Cerebral Venous Thrombosis
Gustavo Saposnik, MD, MSc, FAHA, Toronto, ON, Canada

8:45 Primary Prevention of Stroke
Larry B Goldstein, MD, FAHA, FAAN, Durham, NC

9:00 Metrics for Comprehensive Stroke Centers
Dana Leifer, MD, New York, NY

9:20 Topics Under Development (Race-Ethnic Disparities in Stroke Care, Vascular Cognitive Impairment, Stroke as a Coronary Risk Equivalent, Others) and Open Forum
Colin Derdeyn, MD, FAHA, St Louis, MO

Session XI: Concurrent Symposia B
Emergency Medical Services: A Missing Link
Room 408 AB

Moderators: Chelsea S Kidwell, MD, Washington, DC
Arthur Pancholi, MD, FAHA, Cincinnati, OH

8:00 Improving EMS Stroke Recognition and Hospital Notification
Sharon Poisson, MD, San Francisco, CA

8:19 Integrating 911 into the Continuum: The Forgotten Link
Jeffrey Clawson, MD, Salt Lake City, UT

8:38 EMS Stroke Systems of Care: Merging Data Sources across the Continuum to Improve Care
Jane Brice, MD, MPh, Chapel Hill, NC

8:57 Integrating a Stroke Registry into EMS Data Sources
Wayne D Rosamond, PhD, MS, FAHA, Chapel Hill, NC

9:15 Discussion

Session XI: Concurrent Symposia C
Global Aging and Stroke: Opportunities and Challenges in Treating the Oldest Old
Room 151

Moderators: Vladimir Hachinski, MD, FRCPC, DSc, London, ON, Canada
Devin L Brown, MD, FAHA, Ann Arbor, MI
8:00  Advanced Age and Cerebrovascular Disease: Mechanisms at Play  
Philip B Gorelick, MD, MPH, FAHA, Chicago, IL

8:19  Stroke Epidemiology and Outcomes of the Oldest Old  
Gustavo Saposnik, MD, MSc, FAHA, Toronto, ON, Canada

8:38  Acute Stroke Management in the Very Elderly  
Gary Ford, MB, ChB, MA, MRCP, FESC, Newcastle Upon Tyne, United Kingdom

8:57  Role of Frailty and Other Health States on Stroke in the Elderly  
Mathew J Reeves, PhD, DVM, East Lansing, MI

9:15  Discussion

Session XI: Concurrent Symposia D  
Sleep-Disordered Breathing and Cerebral Circulation: Vascular Dysfunction, Stroke and Cognitive Consequences  
Room 515 A

Moderator: Diane Godin-Ribuot, PhD, Grenoble, France

8:00  Animal Models of Sleep Apnea  
Robert M Bryan, PhD, FAHA, Houston, TX

8:19  Cerebrovascular Dysfunction In Chronic Intermittent Hypoxia: Mechanisms and Therapeutic Implications  
Costantino Iadecola, MD, New York, NY

8:38  Cognitive Consequences of Sleep Apnea in Animal Models  
D Gozal, MD, Chicago, IL

8:57  Sleep Apnea and Stroke  
Mark Dyken, MD, FAHA, Iowa City, IA

9:15  Discussion

Session XI: Concurrent E  
Vascular Biology in Health and Disease Oral Abstracts  
Room 502 B

Moderators: Anne Dorrance, BS, PhD, FAHA, East Lansing, MI  
Ute Lindauer, PhD, Munich, Germany

8:00  Diet-Induced Obesity Impairs Neurovascular Coupling And Increases The Damage Caused By Ischemic Stroke  
Weiguo Li, Victor V Lima, MEDICAL COLLEGE OF GEORGIA, Augusta, GA; Roshini Prakash, Univ of Georgia Coll of Pharmacy, Augusta, GA; Safia Ogbi, Rita Tostes, Adviey Ergul, MEDICAL COLLEGE OF GEORGIA, Augusta, GA

8:12  Neuroprotection Of Sevoflurane Preconditioning By Attenuating Blood-Brain-Barrier Leakage After Focal Cerebral Ischemic Injury In Rats  
Qiong Yu, Shiduo Lu, Dept of Anesthesiology of Huashan Hosp and State Key Lab of Medical Neurobiology of Fudan Univ, Shanghai, China; Yu Gan, Dept of Neurology, Univ of Pittsburgh Sch of Med, Pittsburgh, PA; Peiyiing Li, Weimin Liang, Dept of Anesthesiology of Huashan Hosp and State Key Lab of Medical Neurobiology of Fudan Univ, Shanghai, China; Guodong Cao, Jun Chen, Dept of Neurology, Univ of Pittsburgh Sch of Med, Pittsburgh, PA; Yanqin Gao, Dept of Anesthesiology of Huashan Hosp and State Key Lab of Medical Neurobiology of Fudan Univ, Shanghai, China

8:24  Activation of Peroxisome Proliferator-Activated Receptor – Delta Stimulates Biosynthesis of Tetrahydrobiopterin in Cerebral Vasculature  
Anantha Vijay R Santhanam, Livius V d’Uscio, Zvonimir S Katusic, MAYO CLINIC, Rochester, MN

8:36  Vasodilation to Nitric Oxide is Markedly Impaired Following Selective Interference with PPARy in Vascular Muscle  
Frank M Faraci, Mary Rodrick, Cynthia Lynch, Christopher Pelham, Pimonrat Ketsawatsomkorn, Curt Sigmund, Univ of Iowa Coll of Med, Iowa City, IA

8:48  Increase in Fibrinogen Content Enhances Mouse Pial Venular Leakage  
Nino Muradashvili, Srikanth Givvimani, Reeta Tyagi, Upal Sen, Suresh C Tyagi, William L Dean, Andrew M Roberts, David Lominadze, Univ of Louisville, Louisville, KY

9:00  Blood-Brain Barrier Disruption After Cardiac Surgery  
Jose G Merino, Suburban Hosp Stroke Program, Bethesda, MD; Lawrence L Latour, Natl Inst of Neurological Disorders and Stroke, Bethesda, MD; Amy R Tso, Dept of Neurology, UCSF, San Francisco, CA; Kyung Y Lee, Yonsei Univ Coll of Med, Seoul, Korea, Republic of; Dong W Kang, Asan Medical Ctr, Seoul, Korea, Republic of; Lisa A Davis, Steven Warach, Natl Inst of Neurological Disorders and Stroke, Bethesda, MD; CLOCS Investigators

9:12  Cerebral Small Vessel Disease: Involvement of T cell subsets and Endothelial Progenitor Cells  
Rob P Rouhi, Annelien Mertens, Robert van Oostenbrugge, Jan G Damaoiseaux, Lucienne L Debrus-Palmans, Léon H Henskens, Abraham A Kroon, Peter W de Leeuw, Jan Lodder, Jan Willem Cohen Tervaert, Univ Hosp Maastricht, Maastricht, Netherlands

9:24  Discussion

Session XI: Concurrent F  
Vascular Malformations Oral Abstracts  
Room 502 A

Moderators: Sean Lavine, MD, New York, NY  
Aman B Patel, MD, New York, NY

8:00  Surgical Management Of Cavernous Malformation Of Brainstem, Thalamus And Basal Ganglia – A Series Of 176 Patients  
Paritosh Pandey, Erick Michael Westbroeck, Gary K Steinberg, Stanford Univ Medical Ctr, Stanford, CA

8:12  Transgenic Mouse Model of Hemorrhagic Arteriovenous Malformation in Brain and Spinal Cord  
Ian Milton, Tsugio Seki, Medical Coll of Georgia, Augusta, GA

8:24  Evaluating Performance of a New Grading Scale for Selecting Patients with Brain Arteriovenous Malformation for Surgery  
Helen Kim, Tony Pourmohamad, Charles E McCulloch, Michael T Lawton, William L Young, UCSF, San Francisco, CA

8:36  Natural History of Dural Arteriovenous Fistulas without Cortical Venous Drainage  

8:48  Post Contrast Susceptibility Weighted Imaging: A New Tool For The Evaluation Of Brain Vascular Malformations  
Bharathi D Jagadeesan, Josser E Delgado Almandoz, Christopher J Moran, Tammiie L Benzinger, Washington Univ in St Louis, St Louis, MO
9:00 Copy Number Variation in Patients with Brain Arteriovenous Malformations
9:12 Outcome after Arteriovenous Malformation Associated Intracerebral Hemorrhage: A Need for Age and Volume Adjustments
Geoffrey Appelboom, Brian Hwang, Samuel S Bruce, Matthew Plaza, Philip M Meyers, E Sander Connolly, Columbia Univ, New York, NY
9:24 Discussion
Session XI: Concurrent G Basic and Translational Neuroscience of Stroke Recovery Oral Abstracts II Room 515 B
Moderators: Randolph J Nudo, PhD, FAHA, Kansas City, KS Bruce H Dobkin, MD, FRCP, Los Angeles, CA
8:00 Amount But Not Pattern Of Protective Peripheral Stimulation Affects The Complete Recovery Of Cortical Function Following Permanent Middle Cerebral Artery Occlusion
Melissa F Davis, Christopher C Lay, Cynthia Chen-Bee, Ron D Frostig, University of California-Irvine, Irvine, CA
8:12 Docosahexaenoic Acid Rescues The Penumbra After Ischemic Stroke In Rats
Ludmila Belayev, Larissa Khboutorova, Kristal D Atkins, Tiffany D Eady, LOUISIANA STATE UNIVERSITY, New Orleans, LA; Andre Obenaus, Loma Linda Univ, Loma Linda, CA; Nicolas B Bazan, LOUISIANA STATE UNIVERSITY, New Orleans, LA
8:24 Assessment Of Functional Recovery In Aging Mice After Experimental Stroke
BHARTI MANWANI, Yan Xu, Fudong Liu, Persky Rebecca, Louise McCullough, UCONN HEALTH CENTER, Farmington, CT
8:36 Efficacy of Human Umbilical Tissue-derived Cells on Functional Recovery Following Middle Cerebral Artery Occlusion in Rats: A Dose Response and Time of Administration Study
Klaudyne Hong, ATRM, Somerville, NJ; Stephen J Victor, Johnson & Johnson, Titusville, NJ; Michael Romanko, Brian Kramer, ATRM, Somerville, NJ; Michael Chopp, Yi Li, Dept of Neurology, Henry Ford Hosp, Detroit, MI; JingMei Ren, Biotrofix Inc, Wartham, MA; Seth Finklestein, Biotrofix, Inc, Waltham, MA
8:48 The Efficacy of Human Umbilical Tissue-Derived Cells in Restoring Neurological Function in an Aged Rat Embolic Stroke Model
Klaudyne Hong, Michael Romanko, Anna Gosiewska, ATRM, Somerville, NJ; Yi Li, Michael Chopp, Dept of Neurology, Henry Ford Hosp, Detroit, MI
9:00 Increased Survival of Transplanted Neural Stem Cells with Minocycline Pretreatment by Antioxidant Gene Expression after Ischemic Stroke in Rats
Hiroyuki Sakata, Kuniyasu Niizuma, Hideyuki Yoshioka, Gab Seok Kim, Masataka Katsu, Joo Eun Jung, Purnima Narasimhan, Nobuya Okami, Stanford Univ Sch of Med, Stanford, CA; Teiji Tominaga, Tohoku Univ Graduate Sch of Med, Sendai, Japan; Pak H Chan, Stanford Univ Sch of Med, Stanford, CA
9:12 Transplanted Bone Marrow Stromal Cells Protect Neurovascular Units and Ameliorate Brain Damage in Stroke-Prone Spontaneously Hypertensive Rats
Masaki Ito, Satoshi Kuroda, Taku Sugiyama, Katsuhiko Maruchi, Masahito Kawabori, Hideo Shichinohe, Kiyohiro Houkin, Dept of Neurosurgery Hokkaido Univ Graduate Sch of Med, Sapporo, Japan
9:24 Discussion
9:30 am – 9:40 am Short Break
9:40 am – 11:10 am Session XII: Concurrent Symposia A Management of Asymptomatic Small Cerebral Arteriovenous Malformations Room 502 B
Moderators: Aman B Patel, MD, New York, NY Domingos Coiteiro, MD, Lisbon, Portugal
9:40 Endovascular Occlusion and Cure of AVMs: The Case for Endovascular Treatment of Small Asymptomatic Grade I-II AVMs
Fernando Vinuela, MD, Los Angeles, CA
9:59 Results of Radiosurgical Treatment of Small Asymptomatic Grade I-II AVMs
Isabelle Germano, MD, New York, NY
10:18 Primary Surgical Treatment of Small Asymptomatic Grade I-II AVMs
Neil A Martin, MD, Los Angeles, CA
10:37 Conservative Management of AVMs
Jennifer Frontera, MD, New York, NY
10:55 Discussion
Session XII: Concurrent Symposia B Task-oriented Training for Motor Restoration: Unraveling Dose from the Ingredients of Training Room 408 AB
Moderators: Carolee J Winstein, PhD, PT, FAPTA, Los Angeles, CA Alexander Dromerick, MD, Washington, DC
9:40 Measurement Issues in Trials of Task-Oriented Training for Motor Restoration
Michelle Woodbury, PhD, OTR/L, Charleston, SC
9:59 Higher Doses of Motor Training Cannot Be Assumed to Be More Beneficial, Particularly Early after Stroke: The VECTORS Trial Revisited
Mar Cortes, MD, White Plains, NY
10:18 Dose and Timing of Locomotor-based Therapy after Stroke: Design and Results of the LEAPS Multi-site Controlled Trial
Andrea L Behman, PhD, PT, Gainesville, FL
10:37 Design and Results of the Multicenter Randomized Trial of Robot-assisted Rehabilitation for Chronic Stroke
Dylan Edwards, MD, White Plains, NY
10:55 Discussion
Session XII: Concurrent C
Ischemic Stroke Interventional Treatment Oral Abstracts III
Room 151

Moderator: Adnan Siddiqui, MD, PhD, Buffalo, NY

9:40 Baseline ADC Parameters For Prediction Of Basal Ganglionic Hemorrhage In Endovascular Therapy For Acute M1 Occlusions
Radoslav Raychev, Jeffrey Saver, Qing Hao, Matthew Tenser, Michael Froehlicher, Rana Fiaz, Latisha Ali, Doojin Kim, Bruce Ovbiagele, Sidney Starkman, Sachin Rastogi, Paul Vespa, Sarah Song, Noriko Salamon, Peter Adamczyk, Hermelinda Abcede, Satoshi Tateshima, Reza Jahan, Nestor Gonzalez, Gary Duckwiler, Fernando Vinuela, David Liebeskind, UCLA Stroke center, Los angeles, CA

10:04 Collateral Flow Predicts Response To Endovascular Therapy For Acute Ischemic Stroke
Oh Young Bang, Samsung Medical Ctr, Sungkyunkwan Univ Sch of Med, Seoul, Korea, Republic of; Jeffrey S Laver, Univ of California, Los Angeles, CA; Suk Jae Kim, Yeonsoo Ha, Gyeong-Moon Kim, Chin-Sang Chung, Samsung Medical Ctr, Sungkyunkwan Univ Sch of Med, Seoul, Korea, Republic of; Bruce Ovbiagele, Univ of California, Los Angeles, CA; Kwang Ho Lee, Samsung Medical Ctr, Sungkyunkwan Univ Sch of Med, Seoul, Korea, Republic of; David S Liebeskind, Univ of California, Los Angeles, CA

10:16 Clopidogrel-Induced Platelet Inhibition May Predict Early Ischemic Complications Following Stent-Assisted Angioplasty for Symptomatic Cerebral Atherosclerotic Disease
Soo Joo Lee, Sang Jun Lee, Jae Guk Kim, Youngchae Ko, Eulji Univ Hosp, Neurology, Dejon, Korea, Republic of; Byung Hee Lee, Eulji Univ Hosp, Radiology, Dejon, Korea, Republic of

10:28 Impact of Previous Medication on Stroke Outcome Following Intra-arterial Revascularization Therapies
João Sargento-Freitas, Coimbra Univ Hosp, Coimbra, Portugal; Jorge Pagola, Marta Rubiera, Alan Flores, Hosp Vall d’Hebron, Barcelona, Spain; Fernando Silva, Sónia Batista, Coimbra Univ Hosp, Coimbra, Portugal; David Rodríguez-Luna, Socorro Piñeiro, Jose Alvarez-Sabin, Carlos A Molina, Marc Ribo, Hosp Vall d’Hebron, Barcelona, Spain

10:40 A Cost-Utility Analysis of Mechanical Thrombectomy as an Adjunct to Intravenous Tissue Plasminogen Activator (IV tPA) for Acute Large-Vessel Ischemic Stroke
Anthony S Kim, Mau N Nguyen-Huy, S Claiborne Johnston, UCSF, San Francisco, CA

10:52 Does Histologic Characteristics of Thromboemboli Affect Performance of Mechanical Thrombectomy Device?
Ichiro Yuki, Issei Kan, Robert H Kim, Ali Golshan, Fernando A Vinuela, UCLA Medical Ctr, Los Angeles, CA; Yuichi Murayama, The Jikei Univ Sch of Med, Tokyo, Japan; Fernando Vinuela, UCLA Medical Ctr, Los Angeles, CA

11:04 Discussion

Session XII: Concurrent D
Pediatric Stroke Oral Abstracts
Room 502 A

Moderators: Stephen Ashwal, MD, Loma Linda, CA; Jennifer L Armstrong-Well, MD, MPH, Aurora, CO

9:40 Arterial Ischaemic Stroke In Children With Heart Disease
Mark Mackay, Michael Cardamone, DEPT OF NEUROLOGY THE ROYAL CHILDRENS HOSPITAL, MELBOURNE, Australia; Darren Hutchinson, DEPT OF CARDIOLOGY THE ROYAL CHILDRENS HOSPITAL, MELBOURNE, Australia; Chris Barnes, DEPT OF HEMATOLOGY THE ROYAL CHILDRENS HOSPITAL, MELBOURNE, Australia; Lee Coleman, DEPT OF MEDICAL IMAGING THE ROYAL CHILDRENS HOSPITAL, MELBOURNE, Australia; Michael Cheung, DEPT OF CARDIOLOGY THE ROYAL CHILDRENS HOSPITAL, MELBOURNE, Australia

9:52 Fibromuscular Dysplasia and Childhood Stroke
Adam Kirton, Megan Holland, Alberta Children’s Hosp, Calgary, AB, Canada; Susanne Benseler, Cynthia Hawkins, Derek Armstrong, Hosp for Sick Children, Toronto, ON, Canada; Andrew Wade, Alberta Children’s Hosp, Calgary, AB, Canada; Ana-Maria Crous-Tsaanacis, Guillaume Sebire, Univ de Sherbrooke, Sherbrooke, QC, Canada; Gabrielle deVeber, Hosp for Sick Children, Toronto, ON, Canada

10:04 Acute Silent Cerebral Infarction Occurs during Acute Anemic Events in Children with and without Sickle Cell Disease
Michael M Dowling, C T Quinn, P Plumb, Z R Rogers, N Rollins, K Koral, R Barber, G R Buchanan, UT Southwestern Medical Ctr, Dallas, TX

10:16 Do Classic Adult Risk Factors Increase the Risk of Pediatric Arterial Ischemic Stroke?
Nancy K Hills, S Claiborne Johnston, UC SAN FRANCISCO, San Francisco, CA; Stephen Sidney, Kaiser Permanente Northern California Inst, Oakland, CA; Heather J Fullerton, UC SAN FRANCISCO, San Francisco, CA

10:28 Inter-observer Reliability of the Pediatric NIH Stroke Scale (PedNIHSS) in a Multicenter Study
Rebecca N Ichord, Rachel Bastian, Children’s Hosp of Philadelphia, Philadelphia, PA; Lisa Abraham, Schenectady Neurological Consultants, Schenectady, NY; Rand Askalan, Hosp for Sick Children, Toronto, ON, Canada; Susan Benedict, Primary Children’s Hosp, Univ of Utah, Salt Lake City, UT; Timothy Bernard, Denver Children’s Hosp, Univ of Colorado, Denver, CO; Lauren Beslow, Children’s Hosp of Philadelphia, Philadelphia, PA; Gabrielle deVeber, Hosp for Sick Children, Toronto, ON, Canada; Michael Dowling, Children’s Medical Ctr Dallas, Univ Texas Southwestern, Dallas, TX; Neil Friedman, Cleveland Clinic, Cleveland, OH; Heather Fullerton, UCSF, San Francisco, CA; Lori Jordan, Johns Hopkins Medical Insts, Baltimore, MD; Li Kan, Schneider Children’s Hosp, New Hyde Park, NY; Adam Kirton, Alberta Children’s Hosp, Univ Calgary, Calgary, AB, Canada; Catherine Amlie-Lefond, Children’s Hosp of Wisconsin, Med Coll 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 Hosp, Loma Linda, CA; Steve Pavlakis, Maimonides Medical Ctr, Brooklyn, NY; Sabrina E Smith, Children’s Hosp of Philadelphia, Philadelphia, PA; Marilyn Tan, Univ of the Philippines, Manila, Philippines; Abbas F Jawad, Children’s Hosp of Philadelphia, Philadelphia, PA
10:04 A Population Based Study Of The Outcome One Year After Childhood Arterial Ischemic Stroke
Andrew A Mallick, Univ of Bristol, Bristol, United Kingdom; Vijaya 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, Oxford Radcliffe Hosp NHS Trust, Oxford, United Kingdom; Alisdair P Parker, Addenbrooke’s Hosp, Cambridge, United Kingdom; Evangeline Wassmer, Birmingham Children’s Hosp, 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

10:52 Intraarterial Human Embryonic Derived Neural Stem Cell Therapy Following Hypoxic-ischemic Stroke in Neonatal Rats Yields Functional Recovery
Tenille N Smith, Sahar Rosenblum, Joshua Y Chua, Hotaik Sung, Nancy Wang, Harjus Birk, Raphael Guzman, Stanford Univ, Palo Alto, CA

11:04 Discussion

Session XII: Concurrent E
SAH Management Oral Abstracts
Room 515 A

Moderator: TBD

9:40 Endothelial Nitric Oxide Synthase Mediates Endogenous Protection Against Subarachnoid Hemorrhage-induced Cerebral Vasospasm
Ananth K Vellimana, Eric Milner, Jeffrey M Gidday, Byung H Han, Gregory J Zipfel, Washington Univ in St Louis, St Louis, MO

9:52 The ALISAH Study: A Dose Escalation And Safety Study Of 25% Human Albumin Therapy In Subarachnoid Hemorrhage – Outcome Results And Treatment Effects
Renee L Martin, Medical Univ of South Carolina, Charleston, SC; Jose I Suarez, Baylor Coll of Med, Houston, TX; The ALISAH Study Investigators

10:04 Effect of Site-Specific, Sustained-Release Nimodipine on Vasospasm After Subarachnoid Hemorrhage in Dogs
Robert Loch MacDonald, ST MICHAELS HOSP UNIV TORONTO, Toronto, ON, Canada

10:16 Diagnostic Yield of Repeat Catheter Angiography in Patients with Catheter and CT Angiography Negative Subarachnoid Hemorrhage

10:28 A New Generation of Flow-Disruption Device for Endovascular Treatment of Intracranial Aneurysms – Preliminary Clinical and Angiographic Results of a Multicenter Study
Ajay K Wakhloo, Univ of Massachusetts, Worcester, MA; Pedro Llyyk, Eneri and Clinica la Sagradafamilia - Comprehensive Stroke Ctr, Buenos Aires, Argentina; Marius Hartman, Univ of Heidelberg, Heidelberg, Germany; Ruediger von Kummer, Univ of Dresden, Dresden, Germany; Martin Schumacher, Univ of Freiburg, Freiburg, Germany; Joost de Vries, Univ of Nijmegen, Nijmegen, Netherlands

10:40 Frequency and Factors Associated with Unsuccessful Lead (First) Coil Placement in Patients Undergoing Embolization Of Intracranial Aneurysms
Rakesh Khatri, Saqib A Chaudhry, Gustavo J Rodriguez, M Fareed K Suri, Adnan I Qureshi, Zeenat Qureshi Stroke Res Ctr, Univ of Minnesota, Minneapolis, MN

10:52 Medically Refractory Vasospasm that Fails to Response to Initial Endovascular Therapy is Associated with Worse Outcome After Aneurysmal Subarachnoid Hemorrhage
Geoffrey Appelboom, Matthew Piazza, Rajeev Deb-Sen, Sam Bruce, Brian Wang, Sean D Lavine, Philip M Meyers, E Sander Connolly Jr, Dept of Neurological Surgery, Columbia Univ Coll of Physicians and Surgeons, New York, NY
Common Mitochondrial Sequence Variants in Ischemic Stroke
Christopher D Anderson, Alessandro Biffi, Rosanna Rahman, Massachusetts General Hosp, Boston, MA; Owen A Ross, Mayo Clinic, Jacksonville, FL; Jeremiasz M Jagiella, Jagiellonian Univ Medical Coll, Krakow, Poland; Brett Kissela, Univ of Cincinnati Coll of Med, Cincinnati, OH; John W Cole, Univ of Maryland, Baltimore, MD; Lynelle Cortellini, Natalia S Rost, Massachusetts General Hosp, Boston, MA; Yu-Ching Cheng, Univ of Maryland, Baltimore, MD; Steven M Greenberg, Massachusetts General Hosp, Boston, MA; Paul I de Bakker, Brigham and Women’s Hosp, Boston, MA; Robert D Brown Jr, Mayo Clinic, Rochester, MN; Thomas G Brott, Mayo Clinic, Jacksonville, FL; Braxton D Mitchell, Univ of Maryland, Baltimore, MD; Joseph P Broderick, Univ of Cincinnati Coll of Med, Cincinnati, OH; Bradford B Worrall, Univ of Virginia Health System, Charlottesville, VA; Karen L Furie, Massachusetts General Hosp, Boston, MA; Joseph Kittner, Univ of Maryland, Baltimore, MD; Daniel Woo, Univ of Cincinnati Coll of Med, Cincinnati, OH; Agnieszka Slowik, Jagiellonian Univ Medical Coll, Krakow, Poland; James F Meschia, Mayo Clinic, Jacksonville, FL; Richa Saxena, Jonathan Rosand, Massachusetts General Hosp, Boston, MA; International Stroke Genetics Consortium

Incident Stroke by Duration and Age at Exposure to the Stroke Belt: The Powerful Effect of Childhood Exposure
Virginia J Howard, Univ of Alabama at Birmingham, Birmingham, AL; Maria G Mylmour, Harvard Univ, Boston, MA; Solveig A Cunningham, Emory Univ, Atlanta, GA; Leslie A McClure, Michael Crowe, Virginia G Wadley, Frederick Peace, Univ of Alabama at Birmingham, Birmingham, AL; Dawn O Kleindorfer, Univ of Cincinnati, Cincinnati, OH; George Howard, Univ of Alabama at Birmingham, Birmingham, AL; Daniel T Lackland, Medical Univ of South Carolina, Charleston, SC; for the REasons for Geographic and Racial Differences in Stroke (REGARDS) Investigators

Self-Reported Stroke Symptoms Without a Prior Diagnosis of Stroke or TIA: A Powerful New Risk Factor for Stroke
Dawn Kleindorfer, UNIV OF CINCINNATI HOSP, Cincinnati, OH; Suzanne Judd, Univ of Alabama-Birmingham, Birmingham, OH; Virginia J Howard, Monika Safford, Univ of Alabama-Birmingham, Birmingham, AL; Mary Cushman, Univ of Vermont, Burlington, VT; George Howard, Univ of Alabama-Birmingham, Birmingham, OH

Discussion
10:52 Comprehensive Stroke Centers & the Weekend Effect: The SPOTRIAS Experience
Karen C Albright, Univ of Alabama at Birmingham, Dept of Neurology, Birmingham, AL; Sean I Savitz, Univ of Texas-Houston, Houston, TX; Rema Raman, Karin Ernstrom, Univ of California–San Diego, Dept of Family and Preventive Med, Div of Biostatistics and Bioinformatics, San Diego, CA; Joseph Briderick, Univ of Cincinnati Medical Ctr, Dept of Neurology, Cincinnati, OH; Andria Ford, Washington Univ Sch of Med, Dept of Neurology, Saint Louis, MO; Randolph Marshall, Columbia Univ Medical Ctr, Dept of Neurology, New York, NY; Sheryl Martin-Schill, Tulane Univ Sch of Med, Dept of Neurology, New Orleans, LA; José Merino, Suburban Hosp Stroke Program, Bethesda, MD; Dawn Meyer, Univ of California–San Diego, Dept of Neurosciences, San Diego, CA; David Liebeskind, Univ of California–Los Angeles Stroke Ctr, Los Angeles, CA; Natalia Rost, Massachusetts General Hosp, Dept of Neurology, Boston, MA; Brett Meyer, Univ of California–San Diego, Dept of Neurosciences, San Diego, CA; on behalf of the SPOTRIAS Investigators

11:04 Discussion

11:10 am – 11:30 am
Short Break

11:30 am – 1:00 pm
Session XIII: Plenary Session III
Hall G

Moderators: Lewis B Morgenstern, MD, FAHA, Ann Arbor, MI
Stephen M Greenberg, MD, PhD, Boston, MA

11:30 Global SUMOylation by Ubc9 Overexpression Protects Mouse Brain Against Focal Cerebral Ischemic Damage
Yang-ja Lee, Yongsham Mou, Dace Klimanis, John M Hallenbeck, NINDS, Bethesda, MD

11:42 Effect of Clazosentan on Clinical Outcome After Aneurysmal Subarachnoid Hemorrhage and Surgical Clipping: Results of the CONSCIOUS-2 Study
Robert Loch MacDonald, ST MICHAELS HOSP UNIV TORONTO, Toronto, ON, Canada; Randall Higashida, Univ of California, California, CA; Emanuela Keller, Univ of Zurich, Zurich, Switzerland; Stephan A Mayer, Columbia Univ, Columbia, DC; Andrew J Molyneux, Univ of Oxford, Oxford, United Kingdom; Andreas Raabe, Univ of Bern, Bern, Switzerland; Peter Vajkoczy, Univ of Berlin, Berlin, Germany; Isabel Wanke, Klinik Hirslanden, Zurich, Switzerland; Doris Bach, Aline Frey, Angelina Marr; Sébastien Roux, Actelion Pharmaceuticals Ltd, Allschwil, Switzerland; Neal F Kassell, Univ of Virginia, Charlottesville, VA

11:54 Angiotensin Receptor Blockade In Acute Stroke: Results From The Scandinavian Candesartan Acute Stroke Trial (SCAST), A Double-blind, Randomized-And Placebo-controlled Trial
Else C Sandset, Oslo Univ Hosp, Ulleval, Oslo, Norway; Gordon Murray, Ctr for Population Health Sciences, Univ of Edinburgh, Edinburgh, United Kingdom; Philip Bath, Stroke Trials Unit, Div of Stroke, Univ of Nottingham, City Hosp campus, Nottingham, United Kingdom; Gudrun Boyesen, Dept of Neurology, Bispebjerg Hosp, Copenhagen, Denmark; Dalius Jatuzis, Faculty of medicine, Clinics of Neurology and Neurosurgery, Vilnius Univ and Vilnius Univ Hosp Santariskiu Klinikos, Vilnius, Lithuania; Janika Körv, Dept of Neurology, Tartu Univ Hosp, Tartu, Estonia; Stephan Lüders, Dept of Internal Med, St Jossefs Hosp, Cloppenburg, Germany; Przemyslaw Richter, Dept of Neurology, Inst of Psychiatry and Neurology, Warsaw, Poland; Risto O Roin, Dept of Neurology, Turku Univ Central Hosp, Turku, Finland; Andreas Terent, Dept of Medical Sciences, Uppsala Univ Hosp, Uppsala, Sweden; Vincent Thijs, Dept of Neurology and Vesalius Res Ctr (VIB), Univ Hosp Leuven, Leuven, Belgium; Eivind Berge, Oslo Univ Hosp, Ulleval, Oslo, Norway

12:06 Locomotor Experience Applied Post-stroke (LEAPS): A Randomized Controlled Trial
Pamela W Duncan, Duke Univ, Durham, NC; Katherine J Sullivan, Univ of Southern California, Los Angeles, CA; Andrea L Behrman, Univ of Florida, Gainesville, FL; Stanley P Azen, Univ of Southern California, Los Angeles, CA; Samuel S Wu, Stephen E Nadeau, Univ of Florida, Gainesville, FL; Bruce H Dobkin, Univ of California, Los Angeles, Los Angeles, CA; Dorian K Rose, Univ of Florida, Gainesville, FL; Julie K Tilson, Steven Y Cen, Univ of Southern California, Los Angeles, CA; for The LEAPS Investigative Team

12:18 Intracranial Angioplasty and/or Stent Placement in General Practice: An Analysis of 370,061 Patient Admissions with Ischemic Stroke
Yousef M Mohammad, Rush Univ, Chicago, IL; Saqib Chaudry, Gabriela Vazquez, Fareed K Suri, Adnan I Qureshi, Univ of Minnesota, Minneapolis, MN

12:20 Introduction of the David G Sherman Lecture
Lewis B Morgenstern, MD, FAHA, Ann Arbor, MI

12:40 David G Sherman Lecture: Misperceptions in Brain Ischemia: Technology, Terminology, Tissue and Time
Gregory W Albers, MD, Palo Alto, CA
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### PROFESSOR-LED POSTER TOURS BY CATEGORY SESSION I

**WEDNESDAY, FEBRUARY 9**  
5:45 PM – 6:15 PM  
HALL H

#### SECTION 1

**Moderator:** Kyra Becker, MD, Seattle, WA

**Poster Board Number MP1 / Presentation Number W MP1**  
Selection for Delayed Intravenous Alteplase Treatment Based on Prognostic Score  
Rachael L Fulton, Kennedy R Lees, Univ of Glasgow, Glasgow, United Kingdom; Erich Bluhmki, Gabriele Bieger, Boehringer Ingelheim, Biberach, Germany; Greg W Albers, Stanford Univ, Palo Alto, CA; Stephen Davis, Univ of Melbourne, Melbourne VIC, Australia; Geoffrey A Donnan, Univ of M, Melbourne VIC, Australia; James C Grotta, Univ of Texas Medical Sch at Houston, Houston, TX; Werner Hacke, Univ of Heidelberg, Heidelberg, Germany; Markku Kaste, Univ Central Hosp, Helsinky, Finland; Rüdiger von Kummer, Univklinikum Carl Gustav Carus, Dresden, Germany; Ashfaq Shuaib, Univ of Alberta, Edmonton, AB, Canada; Stephen Senn, Univ of Glasgow, Glasgow, United Kingdom; Danilo Toni, Sapienza, Univ of Rome, Rome, Italy

**Poster Board Number MP2 / Presentation Number W MP2**  
Higher rCBV Values In The PWI/DWI Mismatch Area Predict Favorable Clinical Outcome In Acute Ischemic Stroke  
Jun Lee, Yeungnam Univ Medical Ctr, Daegu, Korea, Republic of; Maarten G Lansberg, Michael Mlynash, Matus Straka, Roland Bammer, Jean-Marc Olivot, Stephanie Kemp, Gregory W Albers, Stanford Univ Medical Ctr, Stanford, CA; on behalf of the DEFUSE Investigators

**Poster Board Number MP3 / Presentation Number W MP3**  
FLAIR/DWI Ratio in Wake-up Strokes Patients: A Comparative Study With Known Onset Patients  
Brancko N Huisa, UCSD, La Jolla, CA; David S Liebeskind, UCLA, Los Angeles, CA; Rema Raman, UCSF, La Jolla, CA; Qing Hao, UCLA, Los Angeles, CA; Karin Ernststrom, Brett C Meyer, Dawn M Meyer, Thomas M Hemmen, UCSD, LA, Jolla, CA

**Poster Board Number MP4 / Presentation Number W MP4**  
Safety And Efficacy Of Intravenous Thrombolysis Beyond 45 Hours In Acute Ischemic Stroke Patients Selected By Perfusion Computed Tomography  
Pablo García-Bermejo, Ana I Calleja, Elisa Cortijo-García, Stroke Unit Dept Neurology Hosp Clínico Univirio, Valladolid, Spain; Santiago Pérez-Fernández, José M Del Monte, Miguel Garcia-Porrero, Dept Radiology Hosp Clínico Univirio, Valladolid, Spain; Nieves Téllez, Dulce M Campos, Rosario Fernández-Herranz, Juan F Arenillas, Stroke Unit Dept Neurology Hosp Clínico Univirio, Valladolid, Spain

**Poster Board Number MP5 / Presentation Number W MP5**  
FLAIR Signal as a Surrogate Of Time In Acute Ischemic Stroke: An Inter Rater Validation Study  
Brancko N Huisa, UCSD, La Jolla, CA; David S Liebeskind, UCLA, Los Angeles, CA; Rema Raman, UCSF, La Jolla, CA; Qing Hao, UCLA, Los Angeles, CA; Karin Ernststrom, Brett B Meyer, Dawn M Meyer, Thomas M Hemmen, UCSD, LA, Jolla, CA

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### POSTER ABSTRACT PRESENTATIONS

**WEDNESDAY, FEBRUARY 9**  
5:45 PM – 6:45 PM  
HALL H

#### 5:45 – 6:15  
Professor-Led Poster Tours by Category Session I:  
Moderated Q&A with Poster Presenters

Moderated Posters W MP1 – W MP90; see pg 93 in the Poster Abstract Index for a complete listing of all the posters in this Professor-Led Poster Tour session.

#### 6:15 – 6:45  
Poster Session I:  
One-on-One Time for an Individual Q&A with Poster Presenters

*These posters are not included in the 5:45 Professor-Led Poster Tour Session above.*

Posters W P1 – W P351; see pg 107 in the Poster Abstract Index for a complete listing of all the posters in this session.

**THURSDAY, FEBRUARY 10**  
5:45 PM – 6:45 PM  
HALL H

#### 5:45 – 6:15  
Professor-Led Poster Tours by Category Session II:  
Moderated Q&A with Poster Presenters

Moderated Posters Th MP1 – Th MP90; see pg 151 in the Poster Abstract Index for a complete listing of all the posters in this Professor-Led Poster Tour session.

#### 6:15 – 6:45  
Poster Session II:  
One-on-One Time for an Individual Q&A with Poster Presenters

*These posters are not included in the 5:45 Professor-Led Poster Tour Session above.*

Posters Th P1 – Th P335; see pg 166 in the Poster Abstract Index for a complete listing of all the posters in this session.

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

During the ISC 2011 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 15 different poster tours to select from during each Professor-Led Poster Tour Session.

To be a part of a Poster Tour, please turn to pg 93 and pg 151 in the Poster Abstracts section of the Final Program and decide which section/category of posters you would like to attend during each of the two Poster Tour Sessions. Five -ten minutes prior to the Poster Tour Session start time, simply go to the correspondingly numbered “Section” sign for that section/category of posters.

During the Regular Poster Sessions, poster presenters will stand by their poster for individual Q&A time with attendees; they will not give a formal presentation. These posters are separate and not a part of the Professor-Led Poster Tours. To see the posters in the Regular Poster Session, please turn to pg 107 and pg 166 in the Poster Abstracts section of the Final Program.

For the most current poster moderator and poster information, please check the online Program Planner on the ISC Web site at strokeconference.org.
**Poster Board Number MP6 / Presentation Number W MP6**

**Patient and Hospital Characteristics Associated with Use of IV tPA among Acute Ischemic Stroke Patients Arriving within 2 hours of Symptom Onset**

Lee H Schwamm, Massachusetts General Hosp, Boston, MA; Eric Smith, Univ of Calgary, Calgary, AB, Canada; Jeffrey Saver, Univ of California Neurology, Los Angeles, CA; Matthew Reeves, Dept of Epidemiology Michigan State Univ, East Lansing, MI; Deepak Bhatt, Brigham and Women's Hosp, Boston, MA; Maria Grau-Sepulveda, Dai Wai Olson, Andrian Hernandez, Div of Cardiology Univ of California, Los Angeles, CA; Eric Peterson, Div of Cardiology University of California, Los Angeles, CA; Gregg Fonarow, Univ of California Cardiology, Los Angeles, CA

**Poster Board Number MP7 / Presentation Number W MP7**

**Myocardial Infarctions Following Carotid Stenting and Endarterectomy: Results from the Carotid Revascularization Endarterectomy versus Stenting Trial (CREST)**

Joseph L Blakemore, Mayo Clinic, Jacksonville, FL; Donald E Cutlip, Beth Israel Deaconess Medical Ctr, Harvard Clinical Res Inst, Boston, MA; Gary S Roubin, Lenox Hill Hosp, New York City, NY; Michael D Hill, Univ of Calgary, Calgary, AB, Canada; Pierre P Leimgruber, Deaconess Medical Ctr/Northwest Cardiovascular Res Inst, Spokane, WA; Richard J Begg, Heritage Valley Health System, Beaver, PA; John F Eitd, Univ of Arkansas for Medical Science and John McClellan VAMC, Little Rock, AR; Craig R Narins, Univ of Rochester Medical Ctr, Rochester, NY; David J Cohen, Saint Luke's Mid America Heart and Vascular Inst, Kansas City, MO; Stephen P Glasser, Jenifer H Voeks, Univ of Alabama at Birmingham, Birmingham, AL; Thomas G Brott, for the CREST Investigators, Mayo Clinic, Jacksonville, FL

**Poster Board Number MP8 / Presentation Number W MP8**

**Is There an Age Differential Between Outcomes of Carotid Angioplasty and Stent Placement and Carotid Endarterectomy in General Practice?**

Rakesh Khatri, Gabriela Vazquez, Casser S Farishta, M Fareed K Suri, Gustavo J Rodriguez, Adnan I Qureshi, Daniel Koo, Matthew L Flaherty, Opeolu Adeoye, Simona Ferioli, Brett M Kissela, UNIV OF CINCINNATI HOSP, Cincinnati, OH

**Poster Board Number MP9 / Presentation Number W MP9**

**Plasminogen Activator for Acute Ischemic Stroke in Cook County, Illinois**

Maggie McNulty, Maritza Barajas, Lauren N Macklis, Shyam Prabhakaran, Rush Univ Medical Ctr, Chicago, IL

**Poster Board Number MP10 / Presentation Number W MP10**

**Symptom Onset among Acute Ischemic Stroke Patients Arriving within 2 hours of Stroke**

Andrea Stella, Univ of Bologna S Orsola-Malpighi Hosp, Bologna, Italy; Claudio Rapezzi, Elisabetta Beltrandi, Mauro Gargiulo, Caterina Tonon, Andrea Stella, Univ of Bologna S Orsola-Malpighi Hosp, Bologna, Italy

**Poster Board Number MP11 / Presentation Number W MP11**

**C-reactive Protein and Cerebral Embolism in Carotid Stenting: a New Marker of Risk**

Gianluca Faggioni, Rodolfo Pini, Gianandrea Pasquinel, Silvia Fittipaldi, Claudia Rapezzi, Elisabetta Beltrandi, Mauro Gargiulo, Caterina Tonon, Andrea Stella, Univ of Bologna S Orsola-Malpighi Hosp, Bologna, Italy

**Poster Board Number MP12 / Presentation Number W MP12**

**Identifying High-Risk Asymptomatic Carotid Stenosis: Ulceration on 3D Carotid Ultrasound Versus TCD Microemboli**

Amin Madani, Vadim Beletsky, Schullich Sch of Med and Dentistry, London, ON, Canada; Arturo Tamayo, Brandon Health Sciences Ctr, Brandon, MB, Canada; Claudio Munoz, J David Spence, Robarts Res
Poster Board Number MP20 / Presentation Number W MP20
Standardized regional Perfusion Parameters in Dynamic Whole Brain Perfusion CT
Ludger Feyen, Jens Minnerup, Heike Wersching, Thomas Duning, Walter Heindel, Volker Hesselmann, Andre Kemmling, Univ of Muenster, Muenster, Germany

Poster Board Number MP21 / Presentation Number W MP21
High Tmax Values on Perfusion MRI Often Reflect Low CBV - a Pathophysiological Link Between the Malignant Perfusion Profile and Poor Outcome?
Soren Christensen, Bruce Campbell, Univ of Melbourne, Melbourne, Australia; Mark W Parsons, John Hunter Hosp, Newcastle, Australia; Deidre A De Silva, Singapore General Hosp campus, Natl Neuroscience Inst, Singapore, Singapore; Martin Ebinger, Univ of Melbourne, Melbourne, Australia; Ken Butcher, Univ of Alberta, Edmonton, AB, Canada; John Fink, Univ of Otago, Christchurch, New Zealand; Patricia Desmond, Univ of Melbourne, Melbourne, Australia; Alan Barber, Auckland City Hosp, Auckland, New Zealand; Chris Bladin, Hill Hosp, Monash Univ, Melbourne, Australia; Chris Levi, John Hunter Hosp, Newcastle, Australia; Geoffrey A Donnan, Florey Neuroscience Insts, Univ of Melbourne, Melbourne, Australia; Stephen Davis, Univ of Melbourne, Melbourne, Australia

Poster Number MP22 / Presentation Number W MP22
Optimized Use Of Perfusion Weighted Images In Stroke: Flow Thresholds, Choice Of Maps And Calibration
Jan Sobesky, Olivier Zaro Weber, Charite Berlin, Berlin, Germany; Walter Moeller-Hartmann, Univ of Cologne, Cologne, Germany; Wolf-Dieter Heiss, Max Planck Inst for Neurological Res, Cologne, Germany

Poster Board Number MP23 / Presentation Number W MP23
Extent of Hypoattenuation On CT Angiography Source Images In Basilar Artery Occlusion: Prognostic Accuracy Of Posterior Circulation ASPECTS And The Pons-midbrain Score In The Basilar Artery International Cooperation Study
Volker Puetz, Univ Clinics Dresden, Dresden, Germany; Andrei Khomenko, Univ Clinics Regensburg, Regensburg, Germany; Michael D Hill, Calgary Stroke Program, Univ of Calgary, Calgary, AB, Canada; Imanuel Dzialowski, Univ Clinics Dresden, Dresden, Germany; Patrik Michel, Ctr Hospier Univire Vaudois, Lausanne, Switzerland; Christian Weimar, Dept of Neurology, Univ of Duisburg-Essen, Essen, Germany; Christine A Wijnman, Stanford Stroke Ctr, Palo Alto, CA; Heinrich Mattle, Dept of Neurology, Inselspital, Univ of Bern, Bern, Switzerland; Keith Muir, Div of Clinical Neurosciences, Univ of Glasgow, Glasgow, United Kingdom; Thomas Pfefferkorn, Dept of Neurology, Univ of Munich, Munich, Germany; David Tanne, Sheba Medical Ctr and Tel Aviv Univ, Tel Aviv, Israel; Stefan Engelter, Dept of Neurology, Univ Hosp Basel, Basel, Switzerland; Kristina Szabo, Dept of Neurology, Univklinikum Mannheim, Univ of Heidelberg, Mannheim, Germany; Ale Algra, Dept of Neurology, Univ Medical Ctr Utrecht and Rudolf Magnus Inst of Neurosciences, Utrecht, Netherlands; Andrew M Demchuk, Calgary Stroke Program, Univ of Calgary, Calgary, AB, Canada; Wouter J Schonewille, Dept of Neurology, Univ Medical Ctr Utrecht and Rudolf Magnus Inst of Neurosciences, Utrecht, Netherlands; BASICS study group

Poster Board Number MP24 / Presentation Number W MP24
Diffusion Tensor Imaging (DTI) Monitoring Of Motor Function Recovery After Middle Cerebral Artery Infarction: Searching For A DTI-Marker Of Neurorepar
Juan F Arenillas, Stroke Unit, Dept Neurology Hosp Clinico Univirio, Valladolid, Spain; Daniel Argibay-Quiones, Image Processing Lab (LPI) Superior Technical Sch of Telecommunication Univ of Valladolid, Valladolid, Spain; Pablo García-Bermejo, Ana I Calleja, Stroke Unit, Dept Neurology Hosp Clinico Univirio, Valladolid, Spain; Diego Martin-Martinez, LPI Superior Technical Sch of Telecommunication Univ of Valladolid, Valladolid, Spain; José M Sierra, MR Dept Ctr Diagnostico Valladolid - Grupo Recoletas, Valladolid, Spain; Juan J Fuertes, MR Unit, Dept Radiology Hosp Clinico Univirio, Valladolid, Spain; Marcos Martin-Fernández, LPI Superior Technical Sch of Telecommunication Univ of Valladolid, Valladolid, Spain

Diagnosis Moderated Poster Tour I W MP25 – W MP30

Moderator: Stephen M Davis, MD, FRCP, Edin FRACP, FAHA, Victoria, Australia

Poster Board Number MP25 / Presentation Number W MP25
Worse Stroke Outcome In Atrial Fibrillation Links To More Severe Hypoperfusion
Hans T Tu, Bruce C Campbell, Dept of Med and Neurology, Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia; Soren Christensen, Dept of Radiology, Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia; Deidre A De Silva, Natl Neuroscience Inst, Singapore General Hosp Campus, Singapore, Singapore; Mark W Parsons, Dept of Neurology and Hunter Medical Res Inst, John Hunter Hosp, Univ of Newcastle, Newcastle, Australia; Leonid Churilov, Natl Stroke Res Inst and Univ of Melbourne, Parkville, Australia; Jean-Marc Olivot, Maarten G Lansberg, Michael Mlynash, Matus Straka, Roland Bammer, Gregory W Albers, Dept of Neurology and Neurological Sciences and the Stanford Stroke Ctr, Stanford Univ Medical Ctr, Stanford, CA; Patricia M Desmond, Dept of Radiology, Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia; Geoffrey A Donnan, Florey Neuroscience Inst, Univ of Melbourne, Parkville, Australia; Stephen Davis, Dept of Med and Neurology, Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia

Poster Board Number MP26 / Presentation Number W MP26
Cavitation in Symptomatic Lacunar Stroke: Revisiting Definition, Revisiting Rates
Francois Moreau, Shiel K Patel, Andrew M Demchuk, Shelagh B Coutts, Eric E Smith, Calgary Stroke Program, Calgary, AB, Canada

Poster Board Number MP27 / Presentation Number W MP27
Multiple Emboli On MRI In The Left Cerebral Hemisphere Indicates Aortic Arch Disease In Patients With Cryptogenic Strokes
Simerpreet Bal, Bijoy K Menon, Nanadavar Shobha, Sung Il Sohn, Sanjith Aaron, Mayank Goyal, Andrew M Demchuk, Foothills medical centre, Calgary, AB, Canada

Poster Board Number MP28 / Presentation Number W MP28
Noninvasive Monitoring Of Cerebral Blood Flow Changes During Acetazolamide Challenge Using Diffuse Correlation Spectroscopy And Transcranial Doppler Ultrasound
Raquel Delgado-Mederos, Hosp Santa Creu i Sant Pau, Barcelona, Spain; Peyman Zirak, Inst de Ciencies Fotoniques, Castelldefels, Spain; Joan Marti-Fabregas, Lavinia Dinia, Rebeca Marin, Hosp Santa Creu i Sant Pau, Barcelona, Spain; Turgut Durduran, Inst de Ciencies Fotoniques, Castelldefels, Spain

Poster Board Number MP29 / Presentation Number W MP29
What Should be included in an Outpatient Diagnostic Evaluation of Transient Ischemic Attack?
Kerri Remmel, Craig Ziegler, Kari Moore, Anand Vaishnav, Alex Abou-Chebl, Vincent Truong, UNIVERSITY of LOUISVILLE, Louisville, KY
**Poster Board Number MP30 / Presentation Number W MP30**

Low Sensitivity and Specificity of Oxfordshire Community Stroke Project: A Prospective MRI Study

Negar Asdagh, Bilal Hameed, Derek Emery, Thomas Jeerakathil, Ken Butcher, Univ of Alberta, Edmonton, AB, Canada

**SECTION 6**

**Moderator:** TBD

**Poster Board Number MP31 / Presentation Number W MP31**

Longitudinal Mortality Risk after Spontaneous Intracerebral Hemorrhage: The Surgical Trial in Lobar Intracerebral Haemorrhage (STICH II) – the First 300 Patients

Barbara A Gregson, Elise Rowan, Patrick Mitchell, A David Mendelow, Newcastle Univ, Newcastle Upon Tyne, United Kingdom; STICH II Investigators

**Poster Board Number MP32 / Presentation Number W MP32**

Systolic BP Load Strongly Predicts Hematoma Growth And Mortality After Acute Intracerebral Hemorrhage

Christian Stapf, Marie-Amélie Dalloz, Hôpital Lariboisière, Paris, France; Darit Trinh, Tobias Kurth, INSERM U 708, Paris, France; John Chalmers, The George Inst, Univ of Sydney, Sydney, Australia; Christophe Tzourio, INSERM U 708, Paris, France

**Poster Board Number MP33 / Presentation Number W MP33**

Poor Prognosis In Warfarin-associated Intracranial Hemorrhage Despite Prothrombin Complex Concentrate Therapy: The CanPro Registry

Shelagh B Coutts, Arvind K Sinha, Natl Univ Hosp, Singapore, Singapore; Man Chiu Poon, Univ of Calgary, Calgary, AB, Canada; Anthony Giulivi, Jason K Wasserman, Univ of Ottawa, Ottawa, ON, Canada; Ken S Butcher, Univ of Alberta, Edmonton, AB, Canada; Negar Asdagh, Bilal Hameed, Derek Emery, Thomas Jeerakathil, Ken Butcher, Univ of Alberta, Edmonton, AB, Canada

**Poster Board Number MP34 / Presentation Number W MP34**

Silent Ischemic Lesions In Patients With Acute Symptomatic Spontaneous Intracerebral Hemorrhage: Relationship To Lobar Microbleeds And Clinically Probable Cerebral Amyloid Angiopathy

Simone M Gregoire, Naveen Gadapa, UCL Inst of Neurology, London, United Kingdom; Eamon Dolan, Jean-Claude Baron, Addenbrooke's Hosp, Cambridge, United Kingdom; Andre Peeters, Cliniques UCL Saint Luc, Brussels, Belgium; Yves Vandermeeren, Patrice Laloux, Cliniques UCL de Mont Godinne, Yvoir, Belgium; Hans R Jäger, David J Werring, UCL Inst of Neurology, London, United Kingdom

**Poster Board Number MP35 / Presentation Number W MP35**

Functional MRI Detection of Vessel Reactivity in CAA

Gregory A Dierkse, Amy Halpin, Andrew Dumas, Mahmut E Gurok, Muhammad A Kahn, Jonathan Rosand, Anand Viswanathan, David H Salat, Jonathan Polimeini, Steve M Greenberg, Massachusetts General Hosp, Boston, MA

**Poster Board Number MP36 / Presentation Number W MP36**

The Surgical Trial in Lobar Intracerebral Haemorrhage (STICH II) – the First 300 Patients

Vijay K Sharma, Aftab Ahmad, Prakash R Paliwal, Chou Ning, Tseng T Yeo, Hock L Teoh, Georgios Tsivgoulis, Philip A Ping, Hao Cheng, Michael T Wee, Lily Y Wong, Su Jie, L Nor Ee Jie, N Venketasubramanian, Benjamin K Ong, Vincent F Chong, Shen Liang, Kay W Ng, Pei K Loh, Shiong W Low, Bernard P Chan, Arvind K Sinha, Natl Univ Hosp, Singapore, Singapore
**Poster Board Number MP44 / Presentation Number W MP44**

**Differences in Short-term Outcomes in Patients with Acute Lacunar Infarction Related to Small versus Large Artery Disease**

Yael Perez, Salil Gupta, Carly Yermus, Univ of Toronto, Toronto, ON, Canada; Jiming Fang, Inst for Clinical Evaluative Sciences, Toronto, ON, Canada; Frank L Silver, Leanne K Casaubon, Univ of Toronto, Toronto, ON, Canada

**Poster Board Number MP45 / Presentation Number W MP45**

**Prevalence and Outcome in Acute Ischemic Stroke Patients with MCA Stenosis: Results from the Taiwan Stroke Registry**

Jiann-Shing Jeng, Stroke Ctr & Dept of Neurology, Natl Taiwan Univ Hosp, Taipei, Taiwan; Li-Ming Lien, Dept of Neurology, Shin Kong WHS Memorial Hosp, Taipei, Taiwan; Sung-Chun Tang, Stroke Ctr & Dept of Neurology, Natl Taiwan Univ Hosp, Taipei, Taiwan; Lung Chien, Section of Neurology, Dept of Internal Med, Far Eastern Memorial Hosp, Taipei, Taiwan; Wei-Hung Chen, Dept of Neurology, Shin Kong WHS Memorial Hosp, Taipei, Taiwan; Fang-I Hisch, Chi-Huey Bai, Sch of Public Health, Taipei Medical Univ, Taipei, Taiwan; Sien-Tsong Chen, Dept of Neurology, Chang Gung Memorial Hosp and Chang Gung Univ Coll of Med, Linkou, Taiwan; Hou-Chang Chiu, Dept of Neurology, Shin Kong WHS Memorial Hosp, Taipei, Taiwan; Hong-Yi Chiou, Sch of Public Health, Taipei Medical Univ, Taipei, Taiwan; Chung Y Hsu, Sch of Med, China Medical Univ, Taichung, Taiwan

**Poster Board Number MP46 / Presentation Number W MP46**

**Middle Cerebral Artery Plaque in Patients with A Single Infarct in the Territory of Deep Penetrating Arteries: a High-resolution MRI Study**

Wei-Hai Xu, Ming-Li Li, Shan Gao, Jun Ni, Li-Xin Zhou, Ming Yao, Bin Peng, Jian-Ming Wang, Li-Ying Cui, CHINESE ACADEMY OF MED SCIENCES, Beijing, China

**Poster Board Number MP47 / Presentation Number W MP47**

**Subclinical Extracranial Carotid And Peripheral Arterial Disease As Risk Factors For ASymptomatic Intracranial Atherosclerosis (ASIA) In The Barcelona-ASIA Study: The Relevance Of A Global Evaluation**

Elena Lopez-Cancio, Laura Dorado, Monica Millan, HUGTIP; Neurosciences Dept, Badalona (Barcelona), Spain; Maite Alzamora, ICS_IDIAP Jordi Gol, Barcelones Nord-Maresme Unit, Mataró (Barcelona), Spain; Guillem Pera, ICS_IDIAP Jordi Gol, Mataró (Barcelona), Spain; Silvia Reverte, Anna Suenol, HUGTIP; Neurosciences Dept, Badalona (Barcelona), Spain; Anna Masuet, HUGTIP, MR Dept, Badalona (Barcelona), Spain; Amparo Galan, HUGTIP; Bioquimercia Dept, Badalona (Barcelona), Spain; Antoni Dávalos, Juan F Arenillas, HUGTIP; Neurosciences Dept, Badalona (Barcelona), Spain

**Poster Board Number MP48 / Presentation Number W MP48**

**Detection Of Intracranial Arterial Stenosis In The Anterior Circulation By Transcranial Doppler**

Sivakumar M Rajappa, Cerebrovascular and Vasculitis Res Fndn, Chennai, India

**Poster Board Number MP49 / Presentation Number W MP49**

**The Effect Of Intravenous Thrombolysis Using Recombinant Tissue Plasminogen Activator (rt-PA) For Acute Ischemic Stroke**

Pan Shuming, Shen Sa, Dai Lihua, Li Haojun, Liu Ming, Xinhua hospital of Shanghai Jiaotong Univ,Sch of Med, Shanghai, China

**Poster Board Number MP50 / Presentation Number W MP50**

**Is Multiple Sclerosis a Vascular Disease? Venous Stent-Angioplasty for Treatment of Multiple Sclerosis**

Daniel Simon, Edison Imaging Associates, Edison, NJ; Ugo Paolucci, Jawad F Kirmani, Caren Marks, New Jersey Neuroscience Inst, Edison, NJ

**Poster Board Number MP51 / Presentation Number W MP51**

**Stroke Rehabilitation: Closing the Loop**

VEERA A NAIR, Leo Walton, Joe Wildenberg, Jed K Voss, Dorothy Farrar-Edwards, Justin Sattin, Mitch Tyler, Beth Meyerand, Justin Williams, Vivek Prabhakaran, Univ of Wisconsin-Madison, MADISON, WI

**Poster Board Number MP52 / Presentation Number W MP52**

**Selecting for Intra-arterial Thrombolysis Following Intravenous Thrombolytic Therapy for Acute Ischemic Stroke Using CT Perfusion**

Shirley Chen, Jeffrey Thomas, Nobi Barazangi, Ann Beden, Jack Rose, David Tong, California Pacific Medical Ctr, San Francisco, CA

**Poster Board Number MP53 / Presentation Number W MP53**

**China Stroke Screening And Prevention Project**

Qinyi Zhang, Beijing Anzhen Hosp., Beijing, China

**Poster Board Number MP54 / Presentation Number W MP54**

**Intravenous rt-PA Is Not Effective In Large Vessel Related Stroke**

Majaj Moonis, Swaraj Singh, Rajiv Padmanabhan, Ajay Wakholoo, UMass Medical Sch, Worcester, MA

**Poster Board Number MP55 / Presentation Number W MP55**

**Higher Diastolic Blood Pressure May Be Beneficial in Acute In-patient Stroke Rehabilitation**

Sahar Yazdani, Khyber Medical Coll, Peshawar, Pakistan; Nkiruka Arene, Johns Hopkins Univ, Baltimore, MD

**Poster Board Number MP56 / Presentation Number W MP56**

**Central Post-stroke Pain And Musculoskeletal Pain: Their Relationship With Post-stroke Depression, Fatigue And Quality Of Life**

Jong S Kim, Asan Medical Ctr, Seoul, Korea, Republic of; Min-Hee Suh, Seoul Natl Univ, Seoul, Korea, Republic of; Hyun Nah, Yu-Kyung Kim, Joo-Young Kwon, Asan Medical Ctr, Seoul, Korea, Republic of; Smi Choi-Kwon, Seoul Natl Univ, Seoul, Korea, Republic of

**Poster Board Number MP57 / Presentation Number W MP57**

**Gender Does Not Predict Discharge Functional Independence Measure after Stroke**

Sandra A Billinger, Angela Lentz, Byron J Gajewski, Patricia S Pohl, UNIVERSITY OF KANSAS MEDICAL Ctr, Kansas City, KS

**Poster Board Number MP58 / Presentation Number W MP58**

**Predicting and Detecting Arm Motor Gains in a Trial of Robotic Therapy**

Alison L McKenzie, Chapman Univ, Orange, CA; Lucy Der Yeghiaian, Jill See, Dennis Nguyen, Vu Le, Steven C Cramer, Univ of California, Irvine, Irvine, CA

**Multidisciplinary Clinical Rehabilitation**

**W MP55 – W MP60**

**SECTION 10**

**Moderator:** Steven C Cramer, MD, Orange, CA

**Poster Board Number MP55 / Presentation Number W MP55**

**Higher Diastolic Blood Pressure May Be Beneficial in Acute In-patient Stroke Rehabilitation**

Sahar Yazdani, Khyber Medical Coll, Peshawar, Pakistan; Nkiruka Arene, Johns Hopkins Univ, Baltimore, MD

**Poster Board Number MP56 / Presentation Number W MP56**

**Central Post-stroke Pain And Musculoskeletal Pain: Their Relationship With Post-stroke Depression, Fatigue And Quality Of Life**

Jong S Kim, Asan Medical Ctr, Seoul, Korea, Republic of; Min-Hee Suh, Seoul Natl Univ, Seoul, Korea, Republic of; Hyun Nah, Yu-Kyung Kim, Joo-Young Kwon, Asan Medical Ctr, Seoul, Korea, Republic of; Smi Choi-Kwon, Seoul Natl Univ, Seoul, Korea, Republic of

**Poster Board Number MP57 / Presentation Number W MP57**

**Gender Does Not Predict Discharge Functional Independence Measure after Stroke**

Sandra A Billinger, Angela Lentz, Byron J Gajewski, Patricia S Pohl, UNIVERSITY OF KANSAS MEDICAL Ctr, Kansas City, KS

**Poster Board Number MP58 / Presentation Number W MP58**

**Predicting and Detecting Arm Motor Gains in a Trial of Robotic Therapy**

Alison L McKenzie, Chapman Univ, Orange, CA; Lucy Der Yeghiaian, Jill See, Dennis Nguyen, Vu Le, Steven C Cramer, Univ of California, Irvine, Irvine, CA
**Poster Board Number MP59 / Presentation Number W MP59**

**Stroke Rehabilitation using a Portable Robot Improves Biomechanical and Clinical Outcome Measures**
Genna Waldman, Yi-Ning Wu, Yupeng Ren, Northwestern Univ, Chicago, IL; Yue Li, Rehabilitation Inst of Chicago, Chicago, IL; Xin Guo, Northwestern Univ, Chicago, IL; Elliot J Roth, Rehabilitation Inst of Chicago/Northwestern Univ, Chicago, IL; Li-Qun Zhang, Rehabilitation Inst of Chicago/Northwestern Univ, Chicago, IL

**Poster Board Number MP60 / Presentation Number W MP60**

**Structural Integrity Of The Contralateral Hemispheric White Matter Is Important For Recovery After Unilateral Ischemic Stroke**
Panayiotis Mitsias, Quan Jiang, Lian Li, Angelos Katramados, Lonni Schult, James R Ewing, Michael Chopp, HENRY FORD HOSPITAL, Detroit, MI

**Poster Board Number MP61 / Presentation Number W MP61**

**The Impact of Concurrent Review on Stroke Center Measures at The Miriam Hospital**
Jason T Machan, Rhode Island Hosp, Providence, RI; Celia Gomes McGillivray, The Miriam Hosp, Providence, RI

**Poster Board Number MP62 / Presentation Number W MP62**

**Effects Of Elevating Head-of-bed On Blood Pressure And Carotid Blood Flow In Acute Ischemic Stroke Patients**
Mika Kaneyuki, Kaori Kaihara, Kanako Nagahisa, Miyako Yumite, Akiko Ota, Ota Memorial Hosp, Hiroshima, Japan

**Poster Board Number MP63 / Presentation Number W MP63**

**Stroke Laterality and Short Term Behavioral Outcomes in Pediatric Stroke**
Patricia A Plumb, Peter L Stavinoha, Rong Huang, Michael M Dowling, Children’s Medical Ctr Dallas, Dallas, TX

**Poster Board Number MP64 / Presentation Number W MP64**

**Assessing the Efficacy of Ask Me 3™/ Teach Back in Educating Patients Who Suffered a Stroke**
Allison F Hooker, Forsyth Medical Ctr, Winston Salem, NC; Tom Bauer, Novant Healthcare, Winston Salem, NC

**Poster Board Number MP65 / Presentation Number W MP65**

**Validation of the TOR-BSSS Swallow Screening Tool**
Charlene Burks, Sharp Memorial Hosp, San Diego, CA; Dawn M Meyer, UC San Diego, San Diego, CA

**Poster Board Number MP66 / Presentation Number W MP66**

**Standardizing Neurological Assessment in an Adult Intensive Care Unit**
Bree Y Jensen, Mary E Lough, Stanford Hosp and Clinics, Stanford, CA

**Outcomes, Quality and Health Services Research Moderated Poster Tour I**

**SECTION 12**

Moderator: TBD

**Poster Board Number MP67 / Presentation Number W MP67**

**Do Demographic Disparities in Neuroimaging Utilization Exist in Stroke? The REGARDS Experience**
J David Rhodes, Olufemi Aduroja, Suzanne Judd, Univ of Alabama at Birmingham, Birmingham, AL; Dawn Kleindorfer, Brett Kissela, Univ of Cincinnati, Cincinnati, OH; Monika Safford, Aaron Anderson, Virginia J Howard, George Howard, Univ of Alabama at Birmingham, Birmingham, AL

**Poster Board Number MP68 / Presentation Number W MP68**

**How Does Access to Care in Urban versus Rural Centres Affect Treatment and Functional Outcomes of Acute Stroke Patients?**
Alexandra Saltman, Univ of Toronto, Toronto, ON, Canada; Wayne Rosamond, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Jiming Fang, Univ of Toronto, Toronto, ON, Canada; Emily O’Brien, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Frank Silver, Moira Kapral, Univ of Toronto, Toronto, ON, Canada

**Poster Board Number MP69 / Presentation Number W MP69**

**Neighborhood Socioeconomic Disadvantage and Mortality after Stroke: the Cardiovascular Health Study**
Arleen F Brown, Li-Jung Liang, Stefanie Vassar, Bruce Ovbiagele, Sharon S Merkin, UCLA, Los Angeles, CA; Will T Longstreth Jr, Univ of Washington, Seattle, WA; Jose J Escarce, UCLA, Los Angeles, CA

**Poster Board Number MP70 / Presentation Number W MP70**

**Trends of Acute Ischemic Stroke Hospitalizations by Age and Gender in the United States: 1994-2007**
Xin Tong, Elena V Kuklina, Cathleen Gillespie, Mary G George, CDC, Atlanta, GA

**Poster Board Number MP71 / Presentation Number W MP71**

**Are There Gender Based Differences In Acute Stroke Care In Michigan Hospitals?**
Nandakumar Nagaraja, Pratik Bhattacharya, Flicia Mada, Leeza Salowich-Palm, Sabrina Hinton, Scott Mills, Wayne State Univ / Detroit Medical Ctr, Detroit, MI; Sam Watson, Michigan Hosp Association, Lansing, MI; Seemant Chaturvedi, Kumar Rajamani, Wayne State Univ / Detroit Medical Ctr, Detroit, MI

**Poster Board Number MP72 / Presentation Number W MP72**

**Factors Influencing The Door-to-needle Time: Women Are Treated Later With Thrombolysis In Acute Stroke**
Oliver Herrmann, Andrea Rocco, Roland Veltkamp, Peter A Ringleb, Univ of Heidelberg, Heidelberg, Germany

**Pediatric Stroke Moderated Poster Tour I**

**SECTION 13**

Moderator: Gabrielle Deveber, MD, Toronto, ON, Canada

**Poster Board Number MP73 / Presentation Number W MP73**

**LPS Precondition Against Cerebral Ischemic Injury Is Modulated by Brain Maturity**
Rand Askalan, Hui Shi, Glen Van Arsdell, Edward Hickey, Hosp for Sick Children, Toronto, ON, Canada
Poster Board Number MP74 / Presentation Number W MP74
Craniocervical Arterial Dissections in Children: Characteristics, Diagnosis, and Outcome
Eugenia S Ho, Dept of Neurology, Children's Hosp Boston, Boston, MA; Amy R Danehy, Dept of Radiology, Children's Hosp Boston, Boston, MA; Howard P Goodkin, Depts of Neurology & Pediatrics, Univ of Virginia Health System, Charlottesville, VA; Amy Ho Huang, California Pacific Medical Ctr, San Francisco, CA; Richard Robertson, Dept of Radiology, Children's Hosp Boston, Boston, MA; Nicole J Ulrich, Dept of Neurology, Children's Hosp Boston, (Co-Senior Author), Boston, MA; Michael J Rivkin, Depts of Neurology, Psychiatry & Radiology, Children's Hosp Boston, (Co-Senior Author), Boston, MA

Poster Board Number MP75 / Presentation Number W MP75
Short-term Neurological Outcomes after Childhood Stroke: Results of a Population-based Cohort Study

Poster Board Number MP76 / Presentation Number W MP76
Pediatric Intracerebral Hemorrhage Score

Poster Board Number MP77 / Presentation Number W MP77
Long-term Outcome of Pediatric Hemorrhagic Stroke
Christine Hajek, Res Inst at Nationwide Children's Hosp, Columbus, OH; Christopher Pappa, The Ohio State Univ, Columbus, OH; Wei Wang, Res Inst at Nationwide Children's Hosp, Columbus, OH; Warren Lo, The Ohio State Univ, Columbus, OH

Poster Board Number MP78 / Presentation Number W MP78
Sources of Cost for Acute Pediatric Stroke Care
Colin Turney, Coll of Med, The Ohio State Univ, Columbus, OH; Wei Wang, Res Inst at Nationwide Children's Hosp, Columbus, OH; Eric Seiber, Coll of Public Health, The Ohio State Univ, Columbus, OH; Warren Lo, Coll of Med, The Ohio State Univ, Columbus, OH

Vascular Biology in Health and Disease Moderated Poster Tour I

SECTION 14

Moderator: TBD

Poster Board Number MP79 / Presentation Number W MP79
Diabetes Stimulates Brain Angiogenesis: In Vitro and In Vivo Evidence
Roshini Prakash, Univ of Georgia, Augusta, GA; Safia Ogbi, Javier E Stern, Medical Coll of Georgia, Augusta, GA; Azza El-Remessy, Susan C Fagan, Univ of Georgia, Augusta, GA; Adviye Ergul, Medical Coll of Georgia, Augusta, GA

Poster Board Number MP80 / Presentation Number W MP80
Type 2 Diabetes Blunts the Neurovascular Coupling and Cerebral Blood Flow: Relevance to Ischemic Injury
WeiGuo Li, MEDICAL COLLEGE OF GEORGIA, Augusta, GA; Tavarekere N Nagaraja, Robert A Knight, Henry Ford Health System, Detroit, MI; Susan C Fagan, Univ of Georgia Coll of Pharmacy, Augusta, GA; Adviye Ergul, MEDICAL COLLEGE OF GEORGIA, Augusta, GA

Poster Board Number MP81 / Presentation Number W MP81
Sphingosylphosphorylcholine- rho-kinase-mediated Smooth Muscle Contraction In The Rat Basilar Artery Is Regulated By The Serum Total Cholesterol Or Vascular Tissue Cholesterol Level: A Mechanistic Role For Lipid Rafts
Satoshi Shirao, Hiroshi Yoneda, Mizuya Shinoyama, Yoshihiko Maeda, Hiroyasu Koizumi, Hideyuki Ishii, Fumiaki Oka, Hirokazu Sadahiro, Sadahiro Nomura, Koji Kajiwara, Michiyasu Suzuki, YAMAGUCHI UNIV SCH OF MED, Ube Yamaguchi, Japan

Poster Board Number MP82 / Presentation Number W MP82
Over-Expression Of Cyclin-Dependent Kinase 5 Stimulates Cell Migration But Not Cell Differentiation In Human Brain Microvascular Endothelial Cells
Alessandra Bosutti, Sabine Matou, Jie Qi, Manchester Metropolitan Univ, Manchester, United Kingdom; Roberta Pennucci, Cell Adhesion Unit, Dept of Neuroscience Dib-Itstituto Scientifico San Raffaele, Milano, Italy; Li-Huei Tsai, Howard Hughes Medical Inst, MIT Picower Inst for Learning and Memory, Cambridge, MA; Karl Peter Giese, Inst of Psychiatry, King's Coll London, London, United Kingdom; Seth Love, Inst of Clinical Neurosciences, Dept of Clinical Science at North Bristol, Univ of Bristol, Bristol, United Kingdom; Jerzy Krupinski, Hosp Univ Mútua de Terrassa, Dept of Neurology, Cerebrovascular Diseases Unit, Terrassa, Barcelona, Spain; Shant Kumar, Manchester Metropolitan Univ, Dept of Pathological Sciences, Manchester Univ and Christie Hosp, Manchester, United Kingdom; Mark Slevin, British Inst of Technology and E-Commerce, London, United Kingdom; Univ of Surrey, Faculty of Health and Medical Sciences, Guildford, United Kingdom; Hosp de la Santa Creu i Sant Pau, Barcelona, Spain

Poster Board Number MP83 / Presentation Number W MP83
White Matter Hyperintensity Burden Accumulation Is Accelerated In Inherited vs Sporadic Disorders Of Small Cerebral Vasculature
Natalia S Rost, Alessandro Biffi, Massachusetts General Hosp, Boston, MA; Christian Opferk, Ludwig-Maximilians- Univ München, München, Germany; Kaitlin M Fitzpatrick, Allison S Kanakis, Anand Viswanathan, Massachusetts General Hosp, Boston, MA; Hugues Chabriat, Univ Paris VII, Paris, France; Karen L Furie, Steven M Greenberg, Jonathan Rosand, Massachusetts General Hosp, Boston, MA; Martin Dichgans, Ludwig-Maximilians- Univ München, München, Germany

Poster Board Number MP84 / Presentation Number W MP84
Improved Intraischemic Perfusion and Pial Arteriolar Dilation by Transfusion of Pegylated Hemoglobin in the Carbon Monoxide State
Suyi Cao, Raymond C Koehler, Johns Hopkins Univ, Baltimore, MD
Poster Board Number MP85 / Presentation Number W MP85
Genome-wide Association Study of Brain Arteriovenous Malformation Patients

Poster Board Number MP86 / Presentation Number W MP86
VEGF Induced More Severe Cerebrovascular Dysplasia in the Adult Mouse Brain with Regional Deletion of Alk1 Compared to Endoglin
Eun-Jung Choi, Espen J Walker, Fanxia Shen, Univ of California, San Francisco, San Francisco, CA; S Paul Oh, Univ of Florida, Gainesville, FL; Helen M Arthur, Newcastle Univ, Newcastle, United Kingdom; Hua Su, William L Young, Univ of California, San Francisco, San Francisco, CA

Poster Board Number MP87 / Presentation Number W MP87
Monomeric C-reactive Protein-Induced Angiogenesis Requires Gamma-Secretase Activity, Operates Through The PI3K/Akt Pathway And May Potentiate Notch-3 Function In Promotion Of Blood Vessel Stability
Sabine Matou-Nasri, John Gaffney, Emhamed Boris, Manchester Metropolitan Univ, Manchester, United Kingdom; Jerzy Kuprinski, Hosp Univ Mútua de Terrassa, Dept of Neurology, Cerebrovascular Diseases Unit, Terrassa, Barcelona, Spain; Lawrence Anthony Potempa, Immtech Pharmaceuticals, Inc Vernon Hills, Illinois, IL; Mark Slevin, Manchester Metropolitan Univ, Manchester, United Kingdom

Poster Board Number MP88 / Presentation Number W MP88
Disrupted Arterial-venous Specification in the Adult Mouse Brain Following Alk1 Deletion and VEGF Stimulation
Wanqiu Chen, Espen J Walker, Fanxia Shen, Hua Su, William L Young, Univ of California, San Francisco, San Francisco, CA

Poster Board Number MP89 / Presentation Number W MP89
The use of Onyx in Different Types of Intracranial Dural Arteriovenous Fistula

Poster Board Number MP90 / Presentation Number W MP90
Neurointerventional Approach for Arteriovenous Malformations and Aneurysms in the Pediatric Population
Ana Delgado, JMH, Miami, FL

Poster Board Number P1 / Presentation Number W P1
Time To Recanalization And Risk Of Symptomatic Intracerebral Hemorrhage In Patients Treated With Intravenous Thrombolysis
Laura Dorado, Cristina Guerrero, Natàlia Pérez de la Ossa, Elena López-Cancio, David Carrera, Dolores Vilas, Mirta Javiera López, Aitziber Aleu, Meritxell Gomis, Mònica Millán, Antonio Dávalos, Hosp Germans Trias i Pujol, Badalona, Spain

Poster Board Number P2 / Presentation Number W P2
Two Hour Improvement Of Patients In The NINDS t-PA Trials And Prediction Of Final Outcome
Thomas M Hemmen, Karin Ernstrom, Rema Raman, UCSD MEDICAL CENTER, San Diego, CA

Poster Board Number P3 / Presentation Number W P3
Gender and Race Interact to Influence Outcome of Ischemic Stroke After Treatment with rt-PA
Pitchaiah Mandava, Baylor Coll of Med & VA Medical Ctr, Houston, TX; Melody Munoz, Karthik Sarma, Michael A Brooks, Baylor Coll of Med, Houston, TX; William Dalmeida, Jane Anderson, Roderic Fabian, Baylor Coll of Med & VA Medical Ctr, Houston, TX; Thomas A Kent, Baylor Coll of Med, Houston, TX

Poster Board Number P4 / Presentation Number W P4
Tissue Plasminogen Activator Use May be Associated with Increased Diffusion-Weighted Imaging Lesion Volume in Malignant Middle Cerebral Artery Syndrome
Tzu-Ching Wu, Malik Kasam, Divya R Danda, Preeti Sahota, Renganayaki Pandurengan, William Hicks, Andrew D Barreto, Nicole R Gonzales, George A Lopez, James C Grotta, Sean I Savitz, UT Houston Medical Sch, Houston, TX

Poster Board Number P5 / Presentation Number W P5
64 Slice Computed Tomography Perfusion (CTP) Imaging Predicts Outcome in Acute Ischemic Stroke Patients Who Receive IV Thrombolysis with rt-PA
Nobil Barazangi, Shirley Chen, Ann Bedenk, Jack Rose, David Grosvenor, David Tong, CPMC, San Francisco, CA

Poster Board Number P6 / Presentation Number W P6
A Modified Method for Ischemic Extent Evaluation, ASPECTS-W on DWI, Accurately Predicts Intracranial Hemorrhage
Hiroyuki Kawano, Dept of Neurology, Stroke Ctr, Saiseikai Kumamoto Hosp, Kumamoto, Japan; Teruyuki Hirano, Dept of Neurology, Faculty of Life Sciences, Kumamoto Univ, Kumamoto, Japan; Makoto Nakajima, Yuichiro Inatomi, Toshiro Yonehara, Dept of Neurology, Stroke Ctr, Saiseikai Kumamoto Hosp, Kumamoto, Japan; MakotoUCHINO, Dept of Neurology, Faculty of Life Sciences, Kumamoto Univ, Kumamoto, Japan
Poster Board Number P7 / Presentation Number W P7
Computerized Tomography Perfusion Predictors of Clinical Outcome in Acute Ischemic Stroke Patients Treated with Intravenous Tissue Plasminogen Activator
Tzu-Ching Wu, Clark Sitton, Preeti Sahota, Amrou Sarraj, Nusrat Harun, Renganayaki Pandurengan, Nicole R Gonzales, Andrew D Barreto, George A Lopez, James C Grotta, Sean I Savitz, UT Houston Medical Sch, Houston, TX

Poster Board Number P8 / Presentation Number W P8
Is There An Association Between The First Moment Method MTT And Tmax Based Mismatch Estimates In Acute Ischemic Stroke?
Dattesh D Shanbhag, Rakesh Mullick, Sumit Nath, GE Global Res, Bangalore, India; Marie Luby, Lawrence L Latour, Steven Warach, NINDS, NIH, Bethesda, MD

Poster Board Number P9 / Presentation Number W P9
Complete Reperfusion On MRI 5 Days After IV tPA Treatment Is Indicative Of Early Reperfusion: Evidence From The Lesion Project Jason W Freeman, Shlee S Song, NIH/NINDS, Bethesda, MD; Jose G Merino, Suburban Hosp Stroke Program, Bethesda, MD; Amie W Hsia, Washington Hosp Ctr Stroke Ctr, Washington, DC; John K Lynch, Marie Luby, Lawrence L Latour, Steven Warach, NIH/NINDS, Bethesda, MD

Poster Board Number P10 / Presentation Number W P10
Multi-modal CT: Diagnostic Yield And Changes In Management In Patients Presenting With Suspected Stroke Or Tia
Kate C Young, Ann M Leonhardt, Curtis G Benesch, Babak S Jahromi, STRONG MEMORIAL HOSPITAL, Rochester, NY

Poster Board Number P11 / Presentation Number W P11
Risk of Hemorrhage in patients on Coumadin who are treated with Tissue Plasminogen Activator for Acute Ischemic Stroke
Amrou Sarraj, Sarah K Medrek, Jeffrey Rhodes, Alexandra Garza, John F Pruitt, Rebecca E Martinez, Nusrat Harun, Melvin R Sline, Renganayaki Pandurengan, George Lopez, Andrew Barreto, Nicole R Gonzales, James C Grotta, Sean Savitz, UT Houston, Houston, TX

Poster Board Number P12 / Presentation Number W P12
Reversal of Infarcts Determined by Cerebral Blood Volume on Computed Tomography Perfusion Imaging with Intra-arterial Thrombolyis
Ameer E Hassan, Haralabos Zacharatos, Adnan I Qureshi, Robert A Taylor, Mustapha A Ezzeddine, Zeenat Qureshi Stroke Res Ctr, Univ of Minnesota, Minneapolis, MN

Poster Board Number P13 / Presentation Number W P13
Early Reduction of Lesion Volume is Associated with Complete Early Recanalization in Stroke Patients Treated with Intravenous tissue-Plasminogen Activator Therapy
Yuki Sakamoto, Yasuyuki Iguchi, Masao Watanabe, Takeshi Iwanaga, Noriko Matsumoto, Kensaku Shibazaki, Kazumi Kimura, Kawasaki medical school, Kurashiki-city, Japan

Poster Board Number P14 / Presentation Number W P14
Presence of MRI ‘Mismatch’ and Infarct Growth in Different Time Windows After Stroke Onset: a cross-sectional study

Poster Board Number P15 / Presentation Number W P15
Therapeutic Impact of “Rapid MRI” During a Stroke Code
James J Conners, Rush Univ Medical Ctr, Chicago, IL; Richard A Bernstein, Deborah Bergman, Mark J Alberts, Northwestern Univ, Chicago, IL

Poster Board Number P16 / Presentation Number W P16
Intravenous Thrombolysis for Acute Ischemic Stroke in Asia: a Meta-analysis
Vijay K Sharma, Natl Univ Hosp, Singapore, Singapore; Georgios Tsivgoulis, Democritus Univ of Thrace, Alexandroupolis, Greece; Kay W Ng, Natl Univ Hosp, Singapore, Singapore; Maher Saqqr, Univ Of Alberta, Alberta, AB, Canada; N Venketasubramanian, Aftab Ahmad, Prakash R Paliwal, Leonard L Yeo, Hock L Teoh, Pei K Loh, Benjamin K Ong, Bernard P Chan, Natl Univ Hosp, Singapore, Singapore

Poster Board Number P17 / Presentation Number W P17
Number Of Neurohospitalists Impact On The Rate Of Lv recombinant Tissue Plasminogen Activator Usage In Ischemic Stroke
Osman Mir, Dion Graybeal, James D’Etienne, Patricia Hughes, Millie Early, Deborah Padget, Baylor Univ Medical Ctr, Dallas, TX

Poster Board Number P18 / Presentation Number W P18
Clinical Characteristics Of Acute Brain Infarction During Anti-coagulation Therapy With Warfarin -the Fukuoka Stroke Registry (FSR)-
Asako Nakamura, Tetsuro Ago, Kuniyuki Nakamura, Takahiro Kuwahiro, Hiroshi Sugimori, Masahiro Kamouchi, Takanari Kitazono, Graduate Sch of Clinical Sciences, Kyushu Univ, Fukuoka, Japan

Poster Board Number P19 / Presentation Number W P19
Longer Treatment Duration is Associated with Better Functional Outcome of Counterpulsation-treated Ischemic Stroke Patients
WEN HUA LIN, JING HAO HAN, LI XIONG, THOMAS LEUNG, YANNIE SOO, VINCENT MOK, XIANG YAN CHEN, LAWRENCE KS WONG, The Chinese Univ of Hong Kong, Hong Kong, Hong Kong

Poster Board Number P20 / Presentation Number W P20
Shortening Of Onset-to-arrival Time After Approval Of Intravenous Rt-pa Therapy And Its Influence On Stroke Outcome
Fumio Miyaehita, Takaaki Hagihiara, Hiroyuki Yokoyama, Akira Okayama, Chiai Yokota, Kazuo Minematsu, Kazunori Toyoda, Nati Cerebral and Cardiovascular Ctr, Suta, Japan

Poster Board Number P21 / Presentation Number W P21
Extending Therapeutic Window for Intravenous Thrombolysis to 45 hours Remains Safe and Effective in Asian Acute Ischemic Stroke Patients
Aftab Ahmad, Prakash R Paliwal, Shen Liang, Leonard L Yeo, Kay W Ng, Pei K Loh, Hock L Teoh, N Venketasubramanian, Benjamin K Ong, Vincent F Chong, Eric Tan, Mahendran Maliapen, Arvind K Sinha, Bernard P Chan, Vijay K Sharma, Natl Univ Hosp, Singapore, Singapore

Poster Board Number P22 / Presentation Number W P22
Long Term Follow-up Of Incidentally Found Intracranial Aneurysms In Patients With Acute Ischemic Stroke
Yoon-Sang Oh, Young-Min Shon, Beum Saeng Kim, Hae Kwan Park, A-hyun Cho, CATHOLIC UNIVERSITY, Seoul, Korea, Republic of
Poster Board Number P23 / Presentation Number W P23
Comparison Between Mr Angiography At 3t (3d Time-of-flight And Contrast-enhanced) With Flat Panel Digital Subtraction Angiography In The Assessment Of Embolized Brain Aneurysms
Guilherme S Nakiri, Octávio M Pontes-Neto, Antonio C Santos, Thiago G Abud, Daniel G Abud Jr, Medical Sch of Ribeirão Preto - Univ of São Paulo, Ribeirão Preto, Brazil

Poster Board Number P24 / Presentation Number W P24
Proteomic Analysis of Aneurysm Healing Mechanism after Coil Embolization: Comparison of Dense Packing with Loose Packing
Ramanathan Kadirvel, Yong-Hong Ding, Daying Dai, Debra A Lewis, David F Kallmes, MAYO CLINIC COLLEGE OF MEDICIN, Rochester, MN

Poster Board Number P25 / Presentation Number W P25
Heparin Dosing is Associated with DWI Lesion Load Following Aneurysm Coiling
Mary Jane Lim Fat, Cheemun Lum, Miguel Bussiere, Marlise Santos, Howard Lesiuk, The Ottawa Hosp-Univ of Ottawa, Ottawa, ON, Canada

Poster Board Number P26 / Presentation Number W P26
Vascular Mineralocorticoid Receptor Antagonism Combined With A Decrease In Salt-intake By Eplerenone Inhibits Cerebral Aneurysm Without Affecting Blood Pressure
Keiko T Kitazato, Yoshiteru Tada, Tetsuya Tamura, Kenji Yagi, Kenji Shimada, Tomoya Kinouchi, Nobuhisa Matsushita, Yasuhisa Kanematsu, Junichiro Satomi, Teruyoshi Kageji, Shinji Nagahiro, Dept of Neurosurgery, Inst of Health Biosciences, The Univ of Tokushima Graduate Sch, Tokushima, Japan

Poster Board Number P27 / Presentation Number W P27
Quantitative Analysis Of Coil Embolization Of Brain Aneurysms: Multicenter Study Using Auto Measurement Software
Hidenori Oishi, Juntendo Univ Sch of Med, Tokyo, Japan

Poster Board Number P28 / Presentation Number W P28
Should We Treat Unruptured Intracranial Aneurysms? – Evaluation Of Clinical Outcome Between Conservative Management And Therapeutic Intervention –
TOSHIHIRO ISHIBASHI, Yuichi Murayama, Satoshi Ikeuchi, The Jikei Univ, Tokyo, Japan; Takayuki Saguchi, Japanese Red Cross Medical Ctr, Tokyo, Japan; Ebara Masaki, Hideki Arakawa, Koreaki Irie, Kato Masataka, Hryouki Takao, Norikata Kobayashi, Ikki Kajiwara, Hisashi Onoue, Takeki Ogawa, Toshiaki Abe, The Jikei Univ, Tokyo, Japan

Poster Board Number P29 / Presentation Number W P29
Contributing Factor For Incomplete Clipping Of Cerebral Aneurysm Detected By Indocyanine Green Video Angiography
Dong-Kyu Jang, Jae-Sung Park, Young-Min Han, Kyung-Sool Jang, Sang-Kyu Park, Dong-Sup Jung, Young-Sup Park, Ye-Kyung Shin, Min-Jung Ham, Mi-Wook Kang, The Catholic Univ of Korea, Incheon St Mary’s Hosp, Incheon, Korea, Republic of

Poster Board Number P30 / Presentation Number W P30
Stent – assisted Coil Embolization of Complex, Wide-necked Bifurcation Cerebral Aneurysms using the “Waffle Cone” Technique
Wei Liu, David K Kung, Kelly B Mahaney, James Rossen, David Hasan, Univ of Iowa, IOWA CITY, IA

Poster Board Number P31 / Presentation Number W P31
Increased Packing Volumes of Endovascular-Treated Intracranial Aneurysms Correlates with Reduced Aneurysm Recurrence
Varun Bajaj, Katerina Dukleska, Jacqueline Kraus, Charles J Prestigiacomo, Chirag D Gandhi, UMDNJ-New Jersey Medical Sch, Newark, NJ

Poster Board Number P32 / Presentation Number W P32
Derived Biomorphometric Criteria Can Predict Aneurysm Rupture Status: A CT Angiographic Analysis
Maulik Shah, Chirag D Gandhi, Charles J Prestigiacomo, UMDNJ-New Jersey Medical Sch, Newark, NJ

Poster Board Number P33 / Presentation Number W P33
Change of Hemodynamic Situations of Elastase Induced Aneurysms with Arterio-venous Fistula Creation in Rabbits
Yonghong Ding, Ramanathan Kadirvel, Daying Dai, Debra A Lewis, David F Kallmes, Mayo Clinic, Rochester, MN

Poster Board Number P34 / Presentation Number W P34
Stent-Assisted Coil Embolization of Unruptured Middle Cerebral Artery Aneurysms
Jeremy D Fields, Lucas Brambrink, OREGON HEALTH & SCIENCES UNIV, Portland, OR; Kenneth C Liu, Univ of Virginia, Charlottesville, VA; Erek Helseth, Gary N Nesbit, Stanley L Barnwell, OREGON HEALTH & SCIENCES UNIV, Portland, OR

Poster Board Number P35 / Presentation Number W P35
Aneurysm Coiling

Poster Board Number P36 / Presentation Number W P36
Stent-Assisted Coil Embolization of Brain Aneurysms Produces Safe and Durable Occlusion
Ajay K Wakhloo, Christine F Silva, Gabriela Spielberg, Univ of Massachusetts, Worcester, MA; Italo Linfante, Baptist Cardiac & Vascular Inst, Miami, FL; Eileen A Duhamel, Matthew J Gounis, Univ of Massachusetts, Worcester, MA

Poster Board Number P37 / Presentation Number W P37
The Incidence And Mechanisms Of Postoperative Cerebral Infarction After Clipping Surgery For Non-ruptured Intracranial Aneurysms - A Multivariate Analysis Study
Michiyuki Miyamoto, Satoshi Kuroda, Naoki Nakayama, Dept of Neurosurgery, Hokkaido Univ Graduate Sch of Med, Sapporo, Japan; Masaaki Hokari, Hiroshi Yasuda, Hisatoshi Saito, Dept of Neurosurgery, Sapporo Asabu Neurosurgical Hosp, Sapporo, Japan; Kiyoziro Houkin, Dept of Neurosurgery, Hokkaido Univ Graduate Sch of Med, Sapporo, Japan

Poster Board Number P38 / Presentation Number W P38
Blister-Like Aneurysms: Single Center Experience and Literature Review

Poster Board Number P39 / Presentation Number W P39
Translational Stroke Research: Characterization of a New Embolism-Induced Intracerebral Hemorrhage Model to Assess Neuroprotection and Hemorrhage Reduction
Paul A Lapchak, Cedars-Sinai Medical Ctr Dept Neurology, Los Angeles, CA
Poster Board Number P40 / Presentation Number W P40
Translational Stroke Research I: Synthesis and In Vitro Optimization of a New Curcumin Hybrid Neurotrophic-Neuroprotective Compound
Paul A Lapchak, Cedars-Sinai Medical Ctr Dept Neurology, Los Angeles, CA; Pamela Maher, Dave Schubert, SALK Inst Neurobiology, La Jolla, CA

Poster Board Number P41 / Presentation Number W P41
Translational Stroke Research II: In Vitro Cellular Toxicity Screening of an Optimized Curcumin Hybrid Neurotrophic-Neuroprotective Compound
Paul A Lapchak, Cedars-Sinai Medical Ctr Dept Neurology, Los Angeles, CA

Poster Board Number P42 / Presentation Number W P42
Translational Stroke Research III: In Vivo Activity and Mechanism of Action of a New Curcumin Hybrid Neurotrophic-Neuroprotective Compound
Paul A Lapchak, Cedars-Sinai Medical Ctr Dept Neurology, Los Angeles, CA; Dave Schubert, Pamela Maher, SALK Inst Neurobiology, La Jolla, CA

Poster Board Number P43 / Presentation Number W P43
12/15-Lipoxygenase Contributes To Brain Damage In Transient Global Cerebral Ischemia
Kazim Yigitkanli, Anton Pekcec, Neuroprotection Res Lab, Dept of Radiology, Massachusetts General Hosp, Charlestown, MA; Shizuka Minamishima, Fumito Ichinose, Anesthesia Ctr for Critical Care Res, Dept of Anesthesia and Critical Care, Massachusetts General Hosp, Charlestown, MA; Eng H Lo, Klaus van Leyen, Neuroprotection Res Lab, Dept of Radiology, Massachusetts General Hosp, Charlestown, MA

Poster Board Number P44 / Presentation Number W P44
Interferon Gamma Contributes to Increased Neural Injury Following Ischemic Stroke
Hilary Seifert, Christopher Leonardo, Aaron Hall, Lisa Collier, Alison Willing, Keith Pennypacker, UNIVERSITY OF SOUTH FLORIDA, Tampa, FL

Poster Board Number P45 / Presentation Number W P45
Neuroprotective Effect Of Agmatine After Focal Cerebral Ischemia In Diabetic Rats
Hui-Song Cui, Chin Hee Mun, Jong-Eun Lee, Won Taek Lee, Bon-Nyeo Koo, Kyung Ah Park, Yonsei Univ, Coll of Med, Seoul, Korea, Republic of Korea

Poster Board Number P46 / Presentation Number W P46
Akt Isoforms Differentially Protect Against Stroke-induced Neuronal Injury in Vitro and in Vivo
Mei Li, Depts of Neurosurgery, Stanford Univ, Stanford, CA; Rong Xie, Depts of Neurosurgery, Stanford Univ, Stanford, CA; Michelle Cheng, Depts of Biological Sciences, Stanford Univ, Stanford, CA; Rona Giffard, Depts of Anesthesiology, Stanford Univ, Stanford, CA; Richard Roth, Depts of Chemical and Systems Biology, Stanford Univ, Stanford, CA; Robert Sapolsky, Depts of Neurosurgery, Biological Sciences, Stanford Univ, Stanford, CA; Heng Zhao, Depts of Neurosurgery, Stanford Stroke Ctr, Stanford Univ, Stanford, CA

Poster Board Number P47 / Presentation Number W P47
Activation Of Phosphorylation Of The Signal Transducer And Activator Of Transcription-3 By Peroxisome Proliferator-activated Receptor Gamma Agonist Contributes To Neuroprotection in The Peri-infarct Region After Ischemia
Tomoya Kinouchi, Keiko Kitazato, Kenji Shimada, Nobuhisa Matsushita, Shinji Nagahiro, Inst of Health Biosciences, The Univ of Tokushima Graduate Sch, 3-18-15 Kuramato-cho., Tokushima, Japan

Poster Board Number P48 / Presentation Number W P48
Potential for Intravenous Oxygen-Carriers to Improve Oxygenation of Penumbra and Prolong its Lifespan
I Mhairi Macrae, Graeme Deuchar, William Holmes, Univ of Glasgow, Glasgow, United Kingdom; Celestine G Santosh, NHS Greater Glasgow & Clyde, Glasgow, United Kingdom

Poster Board Number P49 / Presentation Number W P49
Xenon Echogenic Liposome's Neuroprotection Dose Response During Transient Middle Cerebral Artery Occlusion
George L Britton Jr, Davide Cattano, Hyunggun Kim, David D McPherson, Shaoling Huang, The Univ of Texas Health Science Ctr in Houston, Houston, TX

Poster Board Number P50 / Presentation Number W P50
Tissue Plasminogen Activator/Xenon Co-Encapsulation Provides Thrombolysis with Neuroprotection for Thrombotic Stroke Treatment
Tao Peng, Susan T Laing, Hyunggun Kim, David D McPherson, Shaoling Huang, Univ of Texas Health Science Ctr at Houston, Houston, TX

Poster Board Number P51 / Presentation Number W P51
Neuroprotection of VELCADE is associated with Downregulation of Toll-like Receptor Signaling Pathway in Aged Rats after Stroke
Li Zhang, Michael Chopp, Yuji Ueno, Xianshuang Liu, Yisheng Cui, Zheng Gang Zhang, Henry Ford Hosp, Detroit, MI

Poster Board Number P52 / Presentation Number W P52
VELCADE Suppresses Tissue Plasminogen Activator-induced Genes That Promote Coagulation And Vascular Permeability In Cerebral Endothelial Cells Of Aged Rats After Stroke
Tao Tang1, Xian Shuang Liu1, Li Zhang1, Charles Chen1, Haifa Kassis1, Lindsey Karp1, Dept of Neurology, Henry Ford Hosp, Detroit, MI; Michael Chopp1,2, 1Dept of Neurology, Henry Ford Hosp, Detroit, MI 48202; 2Dept of Physics, Oakland Univ, Rochester, MI 48309, Detroit, MI; Zheng Gang Zhang1, Dept of Neurology, Henry Ford Hosp, Detroit, MI

Poster Board Number P53 / Presentation Number W P53
Caspase Activation and MAPK Pathways are Important for Endogenous Neuroprotection in Suprachiasmatic Nucleus Neurons
Sumedha W Karmarkar, Stacey L Krager, Jared A Cohen, Jamie T Stark, Shelley A Tischkau, Cathy Bottum, Southern Illinois Univ, Springfield, IL

Poster Board Number P55 / Presentation Number W P55
Recombinant Expression Of Arginine Decarboxylase Rescues Mouse Cortical Neural Stem Cells From Oxidative Burden
Kiran Kumar Bokara, Sung Ung Moon, Yong Heui Jeon, Won Taek Lee, Kyung Ah Park, Jong Eun Lee, Yonsei Univ, Coll of Med, Seoul, Korea, Republic of Korea

Poster Board Number P56 / Presentation Number W P56
Partial Ablation of Neuroprogenitor Cells in the Nestin–HSV-TK-eGFP Transgenic Mice Did Not Affect Stroke Size
Hui Sun, Steven Wu, Dept of Neurological Surgery, UCSF and SFVAMC, San Francisco, CA; Steven G Kernie, Univ of Texas Southwestern Medical Ctr, Dallas, TX; Jialing Liu, Dept of Neurological Surgery, UCSF and SFVAMC, San Francisco, CA

Poster Board Number P57 / Presentation Number W P57
Therapeutic Time Window, Dose Response, and Biodistribution of Autologous Bone Marrow Mononuclear Cells for Ischemic Stroke
Bing Yang, Roger Strong, Sushil Sharma, Xiaopei Xi, James C Grotta, Jaroslaw Aronowski, Sean I Savitz, UT medical school at Houston, Houston, TX
Poster Board Number P58 / Presentation Number W P58
Superiority Of Intra-arterial Delivery Of Autologous Mononuclear Cells Compared With Intravenous Delivery In Ischemic Stroke
Ramy El Khoury, Sushil Sharma, Bing Yang, Vivek Misra, Roger Strong, James Grotta, Jarek Aronowski, Sean Savitz, UNIVERSITY OF TEXAS IN HOUSTON, Houston, TX

Poster Board Number P59 / Presentation Number W P59
The Efficacy of Human Umbilical Tissue-Derived Cells in Restoring Neurological Function in a Rodent Transient Middell Cerebral Artery Occlusion (MCAo) Stroke Model: A Route of Administration Study
Klaudyne Hong, Michael Romanko, Anna Gosiewska, ATRM, Somerville, NJ; Yi Li, Michael Chopp, Dept of Neurology, Henry Ford Hosp, Detroit, MI

Poster Board Number P60 / Presentation Number W P60
Bone Marrow Stromal Cells Promote Skilled Motor Functional Recovery and Enhance Contralateral Axonal Connections after Ischemic Stroke in Adult Mice
zhongwu liu, Yi Li, Rui Lan Zhang, Li Zhang, Yisheng Cui, Xia Shang, Michael Chopp, Henry Ford Health System, Detroit, MI

Poster Board Number P61 / Presentation Number W P61
Combination Treatment with Low-dose Niaspan and Tissue Plasminogen Activator Provides Neuroprotection after Embolic Stroke in Rats
Amjad Shehadah, Jieli Chen, Yisheng Cui, Li Zhang, Cynthia Roberts, Mei Lu, Michael Chopp, Henry Ford Hosp, Detroit, MI

Poster Board Number P62 / Presentation Number W P62
Niaspan Treatment Promotes Vascular Remodeling And Improves Functional Outcome After Stroke In Type 1 Diabetes Rats
Xinchun Ye, Dept of Neurology, Jinling Hosp, Nanjing Univ Sch of Med, Nanjing, China; Michael Chopp, Alex Zacharek, Yisheng Cui, Amjad Shehadah, Xu Cui, Cynthia Roberts, Dept of Neurology, Henry Ford Hosp, Detroit, MI; Xinfeng Liu, Dept of Neurology, Jinling Hosp, Nanjing Univ Sch of Med, Nanjing, China; Jieli Chen, Dept of Neurology, Henry Ford Hosp, Detroit, MI

Poster Board Number P63 / Presentation Number W P63
Transplanted Adult Mouse Neural Stem/progenitor Cells Containing Arginine Decarboxylase Gene Promote Functional Recovery And Plasticity After Experimental Stroke
Jae Young Kim, Yu Mi Park, Kyung Ah Park, Won Taek Lee, Jong Eun Lee, Yongseol Univ, Coll of Med, Seoul, Korea, Republic of

Poster Board Number P64 / Presentation Number W P64
Essential Role Of Interleukin-6 For Post-stroke Angiogenesis
Karen Gertz, Golo Kronenberg, Tina Baldinger, Mustafa Balkaya, Charité, Berlin, Germany; Christian Werner, Ulrich Laufs, Saarland Univ, Homburg, Germany; Matthias Endres, Charité, Berlin, Germany

Poster Board Number P65 / Presentation Number W P65
Roles of PDGF-PDGFR Signaling in Brain Pericytes in Ischemic Stroke
Koichi Arimura, Dept of Med and Clinical Science and Dept of Neurosurgery, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan; Tetsuro Ago, Masahiro Kamouchi, Hiroshi Sugimori, Kuniyuki Nakamura, Koji Ishitsuka, 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 Kitazone, Dept of Med and Clinical Science, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan

Poster Board Number P66 / Presentation Number W P66
Trophic Effects In Brain Repair Of The Cdp- Choline Administration In The Cerebral Infarct Experimental Study In Rats
María Gutiérrez Fernández, Julia Álvarez Grech, Berta Rodriguez Frutos, Mercedes Expósito Alcaide, María Teresa Valles-Cremades, Joaquín Merino, Exuperio Diez Tejedor, IdiPAZ, La Paz Univ Hosp, Madrid, Spain

Poster Board Number P67 / Presentation Number W P67
Concurrent Use of Granulocyte Colony-Stimulating Factor and Magnetic Stimulation Inhibits Angiogenesis and Functional Recovery in Stroke Rats
Byung-Mo Oh, Jaewon Beom, Tai R Han, Seoul Nat’l Univ Hosp, Seoul, Korea, Republic of; Dae-Yul Kim, Asan Medical Ctr, Univ of Ulsan Coll of Med, Seoul, Korea, Republic of; Nam-Jong Paik, Seoul Natl Univ Bundang Hosp, Seongnam, Korea, Republic of

Poster Board Number P68 / Presentation Number W P68
A Role for Semaphorin 3A in Stroke Recovery
Kazim Yigitkanli, Anton Pekcec, Stefanie Pallast, MASSACHUSETTS GENERAL HOSP, Charlestown, MA; Alexander Antipenko, Dimitar Nikolov, Sloan-Kettering Inst, New York, NY; Eng H Lo, Klaus Van Leyen, MASSACHUSETTS GENERAL HOSP, Charlestown, MA

Poster Board Number P69 / Presentation Number W P69
Comparison Of Different Motor Behavioral Tests On Different Brain Injury In Rats
Jian Shi, Dongmin Wang, Tina I Lam, Raymond A Swanson, Stephen M Massa, Neurology of VA Medical Ctr and Univ of California, San Francisco, CA

Poster Board Number P70 / Presentation Number W P70
Social Isolation Worsens Stroke Outcome, Role of Nuclear Factor KappaB and Sex
Louise D McCullough, Jun Li, Fudong Liu, Venugopal Reddy Venna, Univ of Connecticut health center, Farmington, CT

Poster Board Number P71 / Presentation Number W P71
The Vermicelli Pasta Handling Task Reveals Different Patterns Of Adaptive Versus Maladaptive Forepaw Use Depending On Stroke Model
Miranda Brenneman, Krystal Schaar, Roger Strong, Bing Yang, Sean Savitz, Univ of Texas Medical Sch, Houston, TX

Poster Board Number P72 / Presentation Number W P72
A Selective TrkB Agonist, 7,8-dihydroxyflavone, Enhances Motor Performance and Promotes Motor Map Integrity Following Cortical Stroke
Zuha Warraich, Jeffrey Kleim, Univ of Florida, Gainesville, FL

Carotid Revascularization Posters I W P73 – W P86

Poster Board Number P73 / Presentation Number W P73
The Practice of Carotid Endarterectomy in a Large Metropolitan Population
Matthew L Flaherty, Brett M Kissela, Univ of Cincinnati, Cincinnati, OH; Heidi Sucharew, Cincinnati Children’s Hosp Medical Ctr, Cincinnati, OH; Kathleen Alwell, Charles J Moomaw, Daniel Woo, Pooja Khatri, Adeoye Opeolu, Simona Fierioli, Joseph P Broderick, Dawn Kleindorfer, Univ of Cincinnati, Cincinnati, OH

Poster Board Number P74 / Presentation Number W P74
Collaterals and Venous Outflow Determine Outcome in Acute Internal Carotid Artery Occlusion
David S Liebeskind, Meng Lee, UCLA, Los Angeles, CA; Nerses Sanossian, USC, Los Angeles, CA; Qiong Hao, Rana Fiaz, Latisha K Ali,
Doojin Kim, Bruce Ovbiagele, Sidney Starkman, Paul M Vespa, Sarah Song, Radoslav Raychev, Hermelinda G Abcede, Nestor Gonzalez, Satoshi Tateshima, Reza Jahan, Gary R Duckwiler, Fernando Viñuela, Jeffrey L Saver, UCLA, Los Angeles, CA; for the UCLA Collateral Investigators

Poster Board Number P75 / Presentation Number W P75
Carotid Atherosclerotic Plaque Neovascularization Identified by Contrast-Enhanced Magnetic Resonance Imaging
Zhong-Song Shi, Xiao-bing Jiang, Wei-si Yuan, Dong-hong Liu, Dept of Neurosurgery, First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou, China

Poster Board Number P76 / Presentation Number W P76
Effects Of Carotid Endarterectomy On Brain Cognition, Metabolism And Perfusion
MÁngels Font, Imma Rico, Fundacio IDIBELL, Barcelona, Spain; Alex Fernandez, IDI-Hosp StPau, Barcelona, Spain; Jaime Mora, Hosp Univr de Bellvitge, Barcelona, Spain; Ana Carvajal, Fundacio IDIBELL, Barcelona, Spain; Laura Rodriguez, Cristina Gamez, IDI-Hosp Univr de Bellvitge, Barcelona, Spain; Ana Luque, Hosp Univr Mutua Terrassa, Terrassa, Spain; Lina Badimon, ICC, Barcelona, Spain; Jerzy Krupinski, Hosp Univr Mutua Terrassa, Terrassa, Spain

Poster Board Number P77 / Presentation Number W P77
Serological Identification of Carotid Plaque Vulnerability
Gianluca Faggioni, Rodolfo Pini, Gianandrea Pasquinielli, Raffaella Mauro, Silvia Fittipaldi, Elisabetta Beltrandi, Antonio Freyrie, Claudio Rapezzi, Andrea Stella, Univ of Bologna S Orsola-Malpighi Hosp, Bologna, Italy

Poster Board Number P78 / Presentation Number W P78
Predictors of One-Year Outcomes of Carotid Artery Stenting in Medicare Patients with Symptomatic and Asymptomatic Carotid Artery Stenosis
Fen Wei Wang, Creighton Univ, Omaha, NE; Barry Uretsky, Univ Arkansas for Medical Science, Little Rock, AR; Yong-Fang Kuo, Univ of Texas Medical Branch, Galveston, TX; Dennis Esterbrooks, Aryan Mooss, Syed Mohiuddin, Creighton Univ, Omaha, NE

Poster Board Number P79 / Presentation Number W P79
Are Distal Protection Device “Protective” during Carotid Angioplasty and Stenting?
Tiziano Tallarita, Alejandro A Rabinstein, Harry Cloft, David Kallmes, Gustavo S Oderich, Robert D Brown Jr, Giuseppe Lanzino, Mayo Clinic, Rochester, MN

Poster Board Number P80 / Presentation Number W P80
Angioplasty and Stenting in Common Carotid Artery Origin Stenosis: A Review of 16 Patients
Armen Choulakian, Abhineet Chowdhary, Michael J Alexander, Cedars-Sinai Medical Ctr, Los Angeles, CA

Poster Board Number P81 / Presentation Number W P81
Validity of 18F-fluorodeoxyglucose PET in Identifying Inflamed and Vulnerable Carotid Plaque – A Radiological and Pathological Study
Satoshi Kuroda, Katsuhiko Maruichi, Naoki Nakayama, Kiyohiro Houkin, Kenji Hirata, Tohru Shiga, Nagara Tamaki, Hokkaido Univ Hosp, Sapporo, Japan

Poster Board Number P82 / Presentation Number W P82
Pathology of Symptomatic and Asymptomatic Carotid Plaques Are There Really Any Differences?
Patricia M Riccio, Francisco R Klein, Carlos Vigliano, Pedro González, Héctor Raffaelli, Luciano A Sposato, FAVALORO FOUNDATION, Buenos Aires, Argentina

Poster Board Number P83 / Presentation Number W P83
Management of Acute Ischemic Stroke Associated with Acute Internal Carotid Artery Occlusion
Manoj Mittal, Univ of Kansas Medical Ctr, Kansas City, KS; Naveed Akhtar, Coleman Martin, William Holloway, Marilyn Rymer, Rebecca Sugg, Saint Luke’s Brain & Stroke Inst, Kansas City, MO

Poster Board Number P84 / Presentation Number W P84
The Risk of Carotid Endarterectomy in Patients with > 120 days since Qualifying Cerebrovascular Event
Patricia M Riccio, Francisco R Klein, Héctor Raffaelli, Luciano A Sposato, FAVALORO FOUNDATION, Buenos Aires, Argentina

Poster Board Number P85 / Presentation Number W P85
Correlation of Local Hemodynamics and Morphologic Changes in the Carotid Sinus
Woowon Jeong, Jae-hoon Seong, Univ of Central Oklahoma, Edmond, OK

Poster Board Number P86 / Presentation Number W P86
Atorvastatin and Psychomotor Agitation after Carotid Endarterectomy
Patricia M Riccio, Francisco R Klein, Héctor Raffaelli, Rafaela Zamora, Luciano A Sposato, FAVALORO FOUNDATION, Buenos Aires, Argentina

Poster Board Number P87 / Presentation Number W P87
Variants at APOE Influence Risk of Deep and Lobar Intracerebral Hemorrhage
Alessandro Biffi, Akshata Sonni, Christopher D Anderson, Massachusetts General Hosp, Boston, MA; Brett Kissela, Univ of Cincinnati, Cincinnati, OH; Jeremíasz M Jagiella, Jagiellonian Univ, Krakow, Poland; Helena Schmidt, Medical Univ Graz, Graz, Austria; Jordi Jimenez-Conde, Hosp del Mar, Barcelona, Spain; Björn M Hansen, Lund Univ, Lund, Sweden; Israel Fernandez-Cadenas, Vall d’Hebron Hosp, Barcelona, Spain; Devin L Brown, Univ of Michigan, Ann Harbor, MI; Scott L Silliman, Univ of Florida, Jacksonville, FL; Magdy B Selim, Beth Israel Deaconess Medical Ctr, Boston, MA; Bradford B Worrall, Univ of Virginia, Charlottesville, VA; James F Meschia, Mayo Clinic Jacksonville, Jacksonville, FL; Joan Montaner, Vall d’Hebron Hosp, Barcelona, Spain; Arne Lindgren, Lund Univ, Lund, Sweden; Jaume Rocaer, Hosp del Mar, Barcelona, Spain; Reinhold Schmidt, Medical Univ Graz, Graz, Austria; Steven M Greenberg, Massachusetts General Hosp, Boston, MA; Agnieszka Slowik, Jagiellonian Univ, Krakow, Poland; Joseph P Broderick, Daniel Woo, Univ of Cincinnati, Cincinnati, OH; Jonathan Rosand, Massachusetts General Hosp, Boston, MA; International Stroke Genetics Consortium

Poster Board Number P88 / Presentation Number W P88
Variant for Atrial Fibrillation on Chromosome 4q25 Associates with Cardioembolic Stroke in Japan
Yohei Tateishi, Akira Tsujino, Atsuko Nagatani, Hideki Nakajima, Ruka Nakata, Tomoko Masuda, Masahiro Tokuda, Taku Fukuda, Masakatsu Motomura, Koji Sumikawa, Nagasaki Univ Hosp, Nagasaki, Japan

Poster Board Number P89 / Presentation Number W P89
The Contribution of Cystatin C Gene Polymorphisms on Cerebral Ischemic White Matter Lesions
Shingo Mitaki, Dept of Neurology, Shimane Univ Sch of Med, Izumo, Japan; Atsushi Nagai, Dept of Lab Med, Shimane Univ Sch of Med, Izumo, Japan; Toru Nabika, Dept of Functional Pathology, Shimane Univ Sch of Med, Izumo, Japan; Shuhei Yamaguchi, Dept of Neurology, Shimane Univ Sch of Med, Izumo, Japan
Cumulative Association of Six Variants in the KCNK17, LRP, NOS3, SCNN1A and MMP12 Genes with Ischemic Stroke
Sophie Domingues-Montanari, Israel Fernández-Cadenas, Alberto del Río-Espinola, Maite Mendioroz, Pilar Delgado, Anna Penalba, Marta Rubiera, Marc Ribó, Anna Rosell, José Alvarez-Sabin, Joan Montaner, Inst de Recerca - Hosp Vall d’Hebron, Barcelona, Spain

Polymorphisms in the Thrombomodulin – Endothelial Cell Protein C Receptor System and the Risk of Cerebral Infarction in a Biracial Population: The Genetics of Early Onset Stroke Study
Nicole Dueker, John Cole, Yuching Cheng, Jeffrey O’Connell, OColin Stine, Marcella Wozniak, Barney Stern, Braxon Mitchell, Steven Kittner, Univ of Maryland Baltimore, Baltimore, MD

The Effect of Survivorship Bias on Cross-Sectional Case-Control Genetic Studies of Highly Lethal Diseases
Christopher D Anderson, Massachusetts General Hosp, Boston, MA; Michael A Nalls, Natl Insts of Health, Bethesda, MD; Alessandro Biffi, Natalia S Rost, Steven M Greenberg, Massachusetts General Hosp, Boston, MA; Andrew B Singleton, Natl Insts of Health, Bethesda, MD; James F Meschia, Mayo Clinic, Jacksonville, FL; Jonathan Rosand, Massachusetts General Hosp, Boston, MA

Sex Differences in Genetic Associations with Homocysteine in the Vitamin Intervention for Stroke Prevention (VISP) Trial
Stacey D Elkhadry, UVA HEALTH SYSTEM, Charlottesville, VA; Fang-Chi Hsu, Wake Forest Univ, Winston-Salem, NC; Bradley L Pemberton, Michele M Sale, Bradford B Worrall, UVA HEALTH SYSTEM, Charlottesville, VA

Gender Differences In Long-term Mortality After Ischemic Stroke
María C Zurru, Claudia Alonzo, Laura Brescacin, Fabiana Ortega, Silvina Brienza, Daniela Gil, Julieta Montecchia, Marcelina Carretero, Luis Cámara, Gabriel Waismann, Edgardo Cristiano, Hosp Italiano de Buenos Aires, Buenos Aires, Argentina; Bruce Ovbiagele, UCLA Stroke Ctr, Los Angeles, CA

Racial Differences in Blood Pressure Levels and Management Among Patients with TIA, Acute Ischemic Stroke and ICH
Karen C Albright, Limin Zhao, Univ of Alabama – Birmingham, Birmingham, AL; Ellen M Dauchy, Kamal R Shah, Marco Fossati-Bellani, Tulane Univ Sch of Med, New Orleans, LA; Andrei V Alexandrov, Univ of Alabama - Birmingham, Birmingham, AL; Sheryl Martin-Schild, Tulane Univ Sch of Med, New Orleans, LA

Dolichoectasia and Intracranial Arterial Characteristics In A Race-ethnically Diverse Community-based Sample: The Northern Manhattan Study
Jose Gutierrez, Hannah Gardener, Ahmet Bagci, Chensy Marquez, Tatjana Rundek, Univ of Miami, Miami, FL; Charles DeCarli, UC Davis, Sacramento, CA; Mitchell S ELkind, Columbia Univ, New York, NY; Noam Alperin, Ralph L Sacco, Clinton B Wright, Univ of Miami, Miami, FL

The Presence of Intracranial Artery Calcification is Associated with Mortality and Vascular Events in Ischemic Stroke Patients
Jean-Marc Bugnicourt, Hop Univire d’Amiens, Amiens, France; Claire Leclercq, Hop universitaire d’Amiens, Amiens, France; Jean-Marc Chillon, Univ de Picardie Jules Verne, Amiens, France; Ziad A Massy, Sandrine Canaple, Chantal Lamy, Olivier Godfroy, Hop Univire d’Amiens, Amiens, France

Relationship of Site of Vertebral Stenosis to Early Recurrent Stroke Risk in Posterior Circulation Stroke and TIA
Giosuè Gulli, St George’s Univ of London, Ctr for Clinical Neuroscience, London, United Kingdom; Lars Marquardt, Peter M Rothwell, Univ of Oxford, Stroke Prevention Res Unit, Oxford, United Kingdom; Hugh S Markus, Univ of London, Ctr for Clinical Neuroscience, London, United Kingdom

Chlamydia Pneumoniae In Early Lesions Of Patients With Carotid Atherosclerosis
Ana Luque, Hosp Univri Mutua Terrassa, Terrassa, Spain; Marta MTuru, ICCC, Barcelona, Spain; Mark Slevin, MMU, Manchester, United Kingdom; JO Juan-Babot, Norma Rovira, ICCC, Barcelona, Spain; Ana Carvajal, MANgels Font, Fundacio IDIBELL, Barcelona, Spain; Jerzy Krupinski, Hosp Univri Mutua Terrassa, Terrassa, Spain

Cervical Carotid Artery Dissection is Associated with Styloid Process Length
Jonathan M Raser, Michael T Mullen, Brett L Cucchiara, Scott E Kasner, Steven R Messe, Hosp of the Univ of Pennsylvania, Philadelphia, PA

Differential Association of Lipid Index in Extracranial and Intracranial Atherosclerosis
Mi-Young Oh, Beom Joon Kim, Wi-Sun Ryu, Seung-Woo Yoon, Seoul Natl Univ Hosp, Seoul, Korea, Democratic People’s Republic of

PFO Risk Factors and Onset Age of First-Ever Stroke in Young Adults
Ruijun Ji, Lee H Schwamm, M Ahsan Pervez, Aneesh B Singhal, Massachusetts General Hosp, Boston, MA

Trends In Pregnancy Hospitalizations That Included A Stroke In The United States From 1994 To 2007: Reasons For Concerns?
Elena Kuklina, Xin Tong, Pooja Bansil, Mary G George, William M Callaghan, Ctr for Disease Prevention and Control, Atlanta, GA

Stroke and Major Adverse Cardiac Events and Mortality in Peripartum Lupus Patients: A Population-Based Study
Pao Hsien Chu, CHANG GUNG MEMORIAL HOSPITAL, Taipei, Taiwan; Chao-Hsiun Tang, Taipei Medical Univ, Sch of Health Care Admin, Taipei, Taiwan
Trends in Substance Abuse and Stroke: A Population-Based Study
Felipe De Los Rios La Rosa, Univ of Cincinnati, Cincinnati, OH; Jane Khoury, Cincinnati Children’s Hosp, Cincinnati, OH; Kathleen Alwell, Charles J Moomaw, Dawn Kleindorfer, Joseph P Broderick, Daniel Woo, Matthew L Flaherty, Pooja Khatri, Opeolu Adeoye, Simona Ferioli, Jane Elizurman, Brett M Kissela, Univ of Cincinnati, Cincinnati, OH

Effect of Caffeine Consumption on Carotid Intimal Media Thickness and Risk of Stroke: The Framingham Offspring Study
Habib M Hefzy, Lonnie Schultz, Henry Ford Hosp, Detroit, MI; Joseph F Polak, Tufts Univ Sch of Med, Boston, MA; Andrew N Russman, Henry Ford Hosp, Detroit, MI

Cerebral Venous Thrombosis in a Mexican Multicenter Registry of Cerebrovascular Disease: The RENAMEVASC Study
José Ruiz-Sandoval, Erwin Chiquete, L Jacqueline Bañuelos-Becerra, Carolina Torres-Anguiano, Christian González-Padilla, Hosp Civil de Guadalajara “Fray Antonio Alcalde”, Guadalajara, Mexico; Antonio Arauz, Insto Nacional de Neurología y Neurocirugía, Mexico City, Mexico; Carlos Cantú, Insto Nacional de Ciencias Médicas y Nutrición, México, City, Mexico; Luis Manuel Murillo-Bonilla, Insto Panvascular de Occidente, Guadalajara, Mexico; Jorge Villarreal-Careaga, Hosp General de Cullacán, Cullacán, Sinaloa, Mexico; Fernando Barinagarrementeria, Hosp Angeles de Querétaro, Querétaro, Mexico; RENAMEVASC investigators

Insufficient Platelet Inhibition Is Related With Acute Cerebral Infarction After Coronary Artery Angiography
Bum Joon Kim, Eun-Jae Lee, YoungRok Do, Dept of Neurology Asan Medical Ctr, Seoul, Korea, Republic of; Seong Hwan Lee, Dept of Cardiology Asan Medical Ctr, Seoul, Korea, Republic of; Dong-Wha Kang, Sun Uk Kwon, Dept of Neurology Asan Medical Ctr, Seoul, Korea, Republic of

The Unchanging Risk of Stroke Following Cardiac Valve Replacement
Colleen G Lechtenberg, Richard M Dubinsky, Univ of Kansas, Kansas City, KS

Impact Of CHADS2 Score On Severity And Outcome Of Ischemic Stroke
Dohoung Kim, Jong-Won Chung, Chi Kyung Kim, Wi-Sun Ryu, Eun-Sun Park, Seung-Hoon Lee, Seoul Natl Univ Hosp, Seoul, Korea, Republic of

Predictive Value of The Essen Stroke Risk Score for the recurrence of non-cardioembolic stroke in Japanese patients The Results from the EVEREST (Effective Vascular Event Reduction after StROKE) registry
Yasushi Okada, Clinical Res Inst and Cerebrovascular Med, Kyushu Medical Ctr, Fukuoka, Japan; the EVEREST Steering Committee

Albuminuria, Kidney Function and Risk of Stroke in the REGARDS Cohort
Suzanne E Judd, David G Warnock, Paul Muntner, UAB, Birmingham, AL; William M McClellan, Emory Univ, Atlanta, GA; Dana Rizk, UAB, Birmingham, AL; Mary Cushman, Univ of Vermont, Burlington, VT; Virginia Howard, George Howard, UAB, Birmingham, AL

Impact of Chronic Kidney Disease on Outcome and Mortality in First-ever Ischemic Stroke: The Fukuoka Stroke Registry
Yasushi Kumai, Cerebrovascular and Neurology Ctr, Natl Hosp Organization Fukuoka Higashi Medical Ctr, Koga, Japan; Hiroshi Sugimori, Masahiro Kamouchi, Tetsuro Ago, Dept of Med and Clinical Science, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan; Hiromi Ishikawa, Jiro Kitayama, Hiroshi Nakane, Cerebrovascular and Neurology Ctr, Natl Hosp Organization Fukuoka Higashi Medical Ctr, Koga, Japan; Takanari Kitazono, Dept of Med and Clinical Science, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan

Effect Of Obesity On Clinical Outcome In Patients With Brain Infarction -fukuoka Stroke Registry
Tsuyoshi Omae, Imizu Red Cross Hosp, Fukuoka, Japan; Masahiro Kamouchi, Takanari Kitazono, Med and Clinical Science, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan

Influence of Body Mass Index (BMI) on Arterial Stiffness
Sandor Morovic, Zlatko Trkanjec, Vida Demarin, Univ Hosp Sestre milosrdnice, Zagreb, Croatia

Paradoxical Effect of Obesity on Hemorrhagic Transformation after Acute Ischemic Stroke
Chi Kyung Kim, Beom Joon Kim, Wi-Sun Ryu, Seung-Hoon Lee, Byung-Woo Yoon, Seoul Natl Univ Hosp, Seoul, Korea, Republic of

Cerebral Microbleeds: Risk Factors And Relationship with Hematoma Volume And In-Hospital Mortality Following Intracerebral Hemorrhage
Shawna Cutting, Vivien H Lee, Shyam Prabhakaran, Rush Univ Medical Ctr, Chicago, IL

The National Institutes of Health Stroke Scale Score (NIHSSS) Item Profiles: a More Sensitive Predictor of Patient Outcome
Heidi Sucharew, Jane Khoury, Cincinnati Children’s Hosp, Cincinnati, OH; Charles J Moomaw, Kathleen Alwell, Brett M Kissela, Samir Belagaje, Opeolu Adeoye, Pooja Khatri, Laura Heitsch, Daniel Woo, Matthew L Flaherty, Simona Ferioli, Joseph P Broderick, Dawn Kleindorfer, Univ of Cincinnati, Cincinnati, OH
Poster Board Number P119 / Presentation Number W P119
Changes in Ischemic Stroke Incidence in the United States Between 1996 and 2006

Poster Board Number P120 / Presentation Number W P120
Risk Of Stroke Following Self-report Of Stroke, Tia Or Stroke Symptoms In The Regards Study
Suzanne J Hall, Univ of Connecticut, Farmington, CT; Martha L Tuohy, Univ of Washington, Seattle, WA; Amanda L Neafsey, Public Health Sciences, Mayo Clinic, Rochester, MN; Megan L Cornish, Konstantina A Harrap, Dougherty County Health Department, Dougherty County, GA; Karen E Naylor, University of Michigan, Ann Arbor, MI; Lincoln S Thomas, Montana State University, Bozeman, MT; Colleen M McLaughlin, Lisa A Velkoski, Johns Hopkins Medicine, Baltimore, MD

Poster Board Number P121 / Presentation Number W P121
Poster Board Number P122 / Presentation Number W P122
Risk Of Stroke Following Self-report Of Stroke, Tia Or Stroke Symptoms In The Regards Study
Suzanne J Hall, Univ of Connecticut, Farmington, CT; Martha L Tuohy, Univ of Washington, Seattle, WA; Amanda L Neafsey, Public Health Sciences, Mayo Clinic, Rochester, MN; Megan L Cornish, Konstantina A Harrap, Dougherty County Health Department, Dougherty County, GA; Karen E Naylor, University of Michigan, Ann Arbor, MI; Lincoln S Thomas, Montana State University, Bozeman, MT; Colleen M McLaughlin, Lisa A Velkoski, Johns Hopkins Medicine, Baltimore, MD

Poster Board Number P123 / Presentation Number W P123
Mitral-Doppler Measurements are Weakly Correlated with the Risk of New-Onset Atrial Fibrillation in Patients with Cryptogenic Stroke
Luc Cormier, Ctr Hospier Univire de Sherbrooke, Sherbrooke, QC, Canada; Nathalie Carrier, Serge Lepage, Jean-François Roux, Felix Ayala-Paredes, Andraeanne Jean, Hoa Do, Tissama Essadiqi, Paul Farand, CHUS, Sherbrooke, QC, Canada

Poster Board Number P124 / Presentation Number W P124
Poster Board Number P124 / Presentation Number W P124
Iphone and iPad Display of Acute Stroke CT Scans: Discrimination of Hemorrhage and Early Ischemic Changes
Xingzhi Guan, Jeffrey L Saver, Noriko Salamon, UCLA Stroke Ctr, Los Angeles, CA; Farzad Buxey, UCLA Stroke Ctr, Los Angeles, CA; Newsha Poursohi, UCLA Sch of Public Health, Los Angeles, CA; Qing Hao, UCLA Stroke Ctr, Los Angeles, CA; Nerses Sanossian, Univ of Southern California, Los Angeles, CA; David S Liebeskind, UCLA Stroke Ctr, Los Angeles, CA

Poster Board Number P125 / Presentation Number W P125
Poster Board Number P125 / Presentation Number W P125
SPOTRIAS: Hyperacute C-Reactive Protein Levels Predict Stroke Outcome in Mild Stroke
Aurauma Chutinet, Natalia S Rost, Alona Muzikansky, Massachusetts General Hosp, Boston, MA; Rebecca A Betensky, Harvard Sch of Public Health, Boston, MA; Michael K Parides, Mount Sinai Sch of Med, New York, NY; Fabricio O Lima, Leonardo Batista, Ahmad Bayrlee, Lauren M Nentwich, Matthew B Maas, Massachusetts General Hosp, Boston, MA; Steven K Feske, Brigham and Women's Hosp, Boston, MA; Karen L Furie, Massachusetts General Hosp, Boston, MA

Poster Board Number P126 / Presentation Number W P126
Effect of Age and Circle of Willis Anatomy on Blood Flow in Major Cerebral Vessels
Sepideh Amin-Hanjani, Xinjian Du, Nada Milinarevich, Sean Ruland, Meide Zhao, Fady T Charbel, Univ of Illinois at Chicago, Chicago, IL

Poster Board Number P127 / Presentation Number W P127
Gene Expression Signatures Of Large Vessel And Cardioembolic Stroke
Glen Jickling, Huichun Xu, Boryana Stamova, Bradley P Ander, Yinfang Tian, Xinhua Zhan, Dazhi Liu, Pierro Verro, Jane Khoury, Edward C Jauch, Arthur Pancioli, Joseph P Broderick, Frank R Sharp, Univ of California Davis, Sacramento, CA

Poster Board Number P128 / Presentation Number W P128
Characteristics of Ophthalmic Artery Flow in Moyamoya Disease
Shoichiro Kawaguchi, Takeshi Matsuyama, Hideaki Mishima, Yasushi Shin, Hiroaki Tanaka, Dept of Neurosurgery, Nara, Japan

Poster Board Number P129 / Presentation Number W P129
Ultrasonography and Pathology in Symptomatic and Asymptomatic Carotid Plaques
Virginia A Pujol Lereis, Gustavo E Sevlever, Roberto Lagos, Claudia P Cejas, Eugenia Arias, Lucia Fernandez Cisneros, Sergio Garrido, Sebastian Ameriso, Guillermo P Povedano, Sebastián F Ameriso, Inst for Neurological Res, FLENI, Buenos Aires, Argentina

Poster Board Number P130 / Presentation Number W P130
Can iPhones Be Used For The Evaluation Of Acute Stroke?
May A Kim, Monique Mogensen, Benjamin Emanuel, Nerses Sanossian, Meng Law, Gene Y Sung, Univ of Southern California/Keck Sch of Med, Los Angeles, CA

Poster Board Number P131 / Presentation Number W P131
A Tissue-Based Definition ofTransient Ischemic Attack: a Lose-Lose Situation for US Healthcare Dollars
Laura Heitsch, Jane Khoury, Heidi Sucharew, Kathleen Alwell, Charles J Moomaw, Opeoluade Adeoye, Daniel Woo, Matthew L Flaherty, Pooja Khatri, Simona Ferioli, Joseph P Broderick, Brett M Kissela, Dawn O Kleindorfer, UNIVERSITY OF CINCINNATI, Cincinnati, OH

Poster Board Number P132 / Presentation Number W P132
Expanded Operational Classification of Early Neurological Deterioration (END)
Maruthi Kesani, Clotilde Balucani, Kara A Sands, Michael J Lyerly, Kristian B Barlinn, Limin Zhao, Luis F Cava, J Ivan Lopez, Karen C Albright, Anne W Alexandrov, Andrei V Alexandrov, Comprehensive Stroke Ctr, Univ of Alabama Hosp, Birmingham, AL

Poster Board Number P133 / Presentation Number W P133
Wall Shear Stress in the Internal Carotid Siphon In Healthy Volunteers Assessed Using High Speed Phase Contrast 3D-Radial Velocimetry
Warren Chang, Benjamin Landgraf, Steven Kecskemeti, Ying Wu, Kevin Johnson, Oliver Wieben, Charles Mistretta, Patrick Turski, Univ of Wisconsin Sch of Med and Public Health, Madison, WI

Poster Board Number P134 / Presentation Number W P134
Pilot Study of Cardiac Magnetic Resonance Imaging for Detection of Embolic Source after Ischemic Stroke
Darin B Zahuranec, Gisela C Mueller, Jadranka Stojanovska, David S Bach, Devin L Brown, Lynda D Lisabeth, Smita Patel, Rebecca M Hughes, UNIV MICHIGAN HEALTH SYSTEM, Ann Arbor, MI; Anil K Attill, UNIVERSITY OF KENTUCKY, Lexington, KY; William F Armstrong, Lewis B Morgenstern, UNIV MICHIGAN HEALTH SYSTEM, Ann Arbor, MI

Poster Board Number P135 / Presentation Number W P135
Oxygen Challenge MRI May Detect Crossed Cerebellar Diachisis
Krishna Dani, Univ of Glasgow, Glasgow, United Kingdom; Celestine Santosh, David Brennan, Inst of Neurological Sciences, Glasgow, United Kingdom; Christopher McCabe, William Holmes, Univ of Glasgow, Glasgow, United Kingdom; Barrie Condon, Donald Hadley, Inst of Neurological Sciences, Glasgow, United Kingdom; Mhairi Macrae, Keith W Muir, Univ of Glasgow, Glasgow, United Kingdom
Characteristics of Stroke Subtype in a Stroke Registry in Da Nang, Vietnam
Quang V Ngo, Ministry of Health, Da Nang, Viet Nam; Kiet A Ly, Univ of Washington, Seattle, WA; Tung T Vo, Ministry of Health, Da Nang, Viet Nam; Thanh G Ton, David L Tirschwell, W T Longstreth Jr, Univ of Washington, Seattle, WA; Chien H Pham, Ministry of Health, Da Nang, Viet Nam; Annette L Fitzpatrick, Univ of Washington, Seattle, WA

Proposed Angiographic Criteria for Measurement of Vertebral Artery Origin Stenosis, the Vertebral Origin Treatment with Endovascular therapy (VOTE) method
Marc A Lazzaro, Aamir Badruddin, Michael Abraham, Osama O Zaidat, Medical Coll of Wisconsin, Wauwatosa, WI

NIHSS Thresholds for Prediction of Perfusion Deficits in Acute Cerebrovascular Syndromes
Trevor A Steve, Michael E Knash, Negar Asdaghi, Thomas Jeerkathil, Ashfaq Shuaib, Derek Emery, Christian Beaulieu, Kenneth S Butcher, Univ of Alberta, Edmonton, AB, Canada

Temporal Evolution of Imaging Findings of Extracranial CranioCervical Arterial Dissection with Clinical Correlation: Mid-term Follow-Up
Mona M Mohsen, Lahey Clinic Medical Ctr, Burlington, MA; Fawaz Al-Mufi, MetroWest Medical Ctr / Framingham Union Hosp, Framingham, MA; Barbara Hum, Kianan Hreib, Mathew E Tilem, Edward Jewell, Nicholas Tsapatsaris, Seon Kyu Lee, Lahey Clinic Medical Ctr, Burlington, MA

New Auto-Freeze, Operator-Independent, Carotid Intima-Media Thickness Measurement for Atherosclerosis Screening
Takenori Fukumoto, Steven Lynum, Makiko Urabe, Akhiro Kawabata, Yushi Nishimura, Takao Suzuki, Makiko Kato, Ichiro Okabayashi, Panasonic Healthcare Co, Ltd, Yokohama, Japan; Ram Bedi, Puget Ultrasound, Inc, Issaquah, WA; Kisoko Ishikawa, Yokohama Stroke & Brain Ctr, Yokohama, Japan; Albert Wen, Haider Hassan, David Panthagani, Alok Bandekar, CardioNexus Corp, Houston, TX; Craig Hartley, Baylor Coll of Med, Houston, TX

Angiographic Staging Of 215 Moyamoya Patients: Defining A New Modified Staging and Correlating Results To Patient Demographics And Clinical Findings
Nadia Khan, Dept of Neurosurgery, Stanford Univ Sch of Med, 300 Pasteur Drive, Stanford, California, Stanford, CA; Michael P Marks, Dept of Neuroradiology, Stanford Univ Sch of Med, 300 Pasteur Drive, Stanford, California, Stanford, CA; Jacob Petralia, Elma Tunovic, Gary K Steinberg, Dept of Neurosurgery, Stanford Univ Sch of Med, 300 Pasteur Drive, Stanford, California, Stanford, CA

Primary Central Nervous System Vasculitis: Circulating Endothelial Cells as Potential Diagnostic Biomarkers
Milani Deb, Stefan Gerdes, Meike Heeren, Jürgen Lambrecht, Hans Worthmann, Annemarie Goldbecker, Anita Blanka Tryc, Hannover Medical Sch, Hannover, Germany; Walter Schuch-Schaeffer, Univ Medical Ctr Goettingen, Goettingen, Germany; Almuth Brandis, Karin Weissenborn, Marion Haubitz, Hannover Medical Sch, Hannover, Germany

Validation Of New Ultrasound Parameters For Assessment Of The Collateral Pathway Through The Ophthalmic Artery In Internal Carotid Artery Occlusion
Tomotaka Tanaka, Hideaki Kanki, Akihiro Watanabe, Ryosuke Doijiri, Mutsuko Sawada, Mariko Yasui, Masahiro Uemura, Kazuuki Nagatsuoka, Nati Cerebral and Cardiovascular Ctr, Suita, Osaka, Japan

Patent Foramen Ovale Characteristics and Infarct Size in Cryptogenic Stroke with PFO
Jin-Man Jung, Youngrok Do, Jae-Kwan Song, Jong-Young Lee, Dong-Wha Kang, Asan Medical Ctr, Seoul, Korea, Republic of

Impaired Cerebrovascular Reactivity Assessed By Transcranial Doppler In Hepatic Cirrhosis
Carlos Cantu, Marina Green-Gómez, Ricardo Macias-Rodríguez, Jorge Baruch, Aldo Torre, Insto Nacional de Ciencias Médicas y, Mexico City, Mexico

Predictive Factors For A Neurological Deterioration In The Acute Phase Of Ischemic Stroke – Fukuoka Stroke Registry –
Shigeru Fujimoto, NIPPON STEEL YAWATA MEMORIAL HOSPITAL, Kitayushu, Japan; Hiroshi Sugimori, Dept of Med and Clinical Science, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan; Juro Jinnouchi, Takayuki Matsuki, Seizo Sadoshima, NIPPON STEEL YAWATA MEMORIAL HOSPITAL, Kitayushu, Japan; Takanari Kitazono, Dept of Med and Clinical Science, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan

Significance of VEGF in Ischemic Stroke – Research for Biomarkers in Ischemic Stroke (REBIOS) –
Ryu Matsuo, Tetsuro Ago, Masahiro Kamouchi, Jun Hata, Kyushu Univ, Fukuoka, Japan; Tetsu Isomura, Wakako Watabe, Hiteto Awano, Kazuo Suzuki, MOLECUEENCE Corp, Yokohama, Japan; Kenji Fukuda, St-Mary’s Hosp, Kurume, Japan; Yasushi Okada, Kyushu Medical Ctr, Fukuoka, Japan; Yutaka Kiyohara, Takamari Kitazono, Kyushu Univ, Fukuoka, Japan

Visinlin-like Protein-1 (VILIP-1): A Novel Plasma Biomarker For The Detection Of Acute Cortical Ischemic Stroke
Rawan Tarawneh, Andria L Ford, Matt Ohlendorf, Elizabeth Macy, Jay McQuillan, Rosana Ponisio, Jack H Laddson, Jin-Moo Lee, Washington Univ Sch of Med, St Louis, MO

A Screening Approach for Endo- and Myocarditis in Ischemic Stroke Patients at Hospital Admission – a Preliminary Report
Dominik Michalski, Dietmar Schneider, Sarah Budig, Wolfgang Härting, Andreas Hagendorff, Carsten Hofohm, Univ of Leipzig, Leipzig, Germany

Elevated Serum Levels Of Soluble Form Of Receptor for advanced glycation end products And High Mobility Group Box 1 In Patients With Acute Stroke
Sung-Chun Tang, Dept of Neurology, Stroke Ctr, Nati Taiwan Univ Hosp, Taipei, Taiwan; Chuar-Jong Hu, Dept of Neurology, Taipei Medical Univ-Shuang Ho Hosp, Taipei, Taiwan; Hung-Yi Chiou, Dept of public health, Taipei Medical Univ, Taipei, Taiwan; Jiann-Shing Jeng, Dept of Neurology, Stroke Ctr, Nati Taiwan Univ Hosp, Taipei, Taiwan
Poster Board Number P152 / Presentation Number W P152
The Validation Of The Use Of Cardiac Monitor In Ischemic Stroke Patients Post-thrombolytic Therapy
Fang Ba, University of Alberta, Edmonton, AB, Canada; Paul Blackburn, Univ of Alberta, Edmonton, AB, Canada; Naeem Dean, Royal Alexandra hospital, Edmonton, AB, Canada; Maher Saqquar, Khurshid Khan, University of Alberta, Edmonton, AB, Canada

Poster Board Number P153 / Presentation Number W P153
Differences In The Identification Of Cerebrovascular Profiles Between Two Etiological Stroke Classifications: Toast And Asco
Pablo Alonso-Singer, Ruben Cazorla-Garcia, Gerardo Ruiz-Ares, Irene Sanz-Gallego, Maria Jose Aguilar-Amat, Patricia Martinez Sanchez, Blanca Fuentes, Exuperio Diez-Tejedor, Stroke Ctr Dept of Neurology La Paz Univ Hosp IdiPAZ, Madrid, Spain

Poster Board Number P154 / Presentation Number W P154
Pelvic Magnetic Resonance Venography For Detection Of Deep Vein Thrombosis In Young Patients With Cryptogenic Ischemic Stroke And Patent Foramen Ovale
Feliks Koyfman, Helena Lau, Matthew Ogrodnik, Jose R Romero, Carlos S Kase, Aleksandra Pikula, Boston Univ Medical Ctr, Boston, MA

Poster Board Number P155 / Presentation Number W P155
A New Contrast Agent Of A Drop Of Diazepam Added To Saline To Detect PFO With Transesophageal Echocardiography
Noriko Matsumoto, Kazumi Kimura, Yuki Sakamoto, Nobuyuki Kaneko, Shuichi Fujii, Takashi Shiromoto, Kenichirou Sakai, Junichi Uemura, Shinya Yamashita, Takeshi Iwanaga, Masao Watanabe, Kensaku Shibusaki, Yasuyuki Iguuchi, Dept of Stroke Med, Okayama, Japan

Poster Board Number P156 / Presentation Number W P156
The Cardio-Ankle Vascular Index As A Predictor Of Cerebral Microbleeds In Acute Ischemic Stroke Patients
Takashi Shimoyama, Hidetaka Mitsumura, Renpei Sengoku, Yu Kono, Masayoshi Morita, Soichiro Mochio, The Jikei Univ Sch of Med, Tokyo, Japan

Poster Board Number P157 / Presentation Number W P157
A Risk Score To Predict Paroxysmal Atrial Fibrillation In Acute Ischemic Stroke
Shuichi Fujii, Kensaku Shibazaki, Kenichiro Sakai, Kazuto Kobayashi, Shinya Yamashita, Junichi Uemura, Takeshi Iwanaga, Masao Watanabe, Noriko Matsumoto, Yasuyuki Iguuchi, Kazumi Kimura, Dept of Stroke Med, Kawasaki Medical Sch, Kurashiki, OKAYAMA, Japan

Emergency Medicine Posters I

Poster Board Number P158 / Presentation Number W P158
William J Meurer, James Burke, Darin B Zahuranec, Lesli E Skolarus, Michelle Macy, Univ Of Michigan, Ann Arbor, MI; Comilla Sasson, Univ Of Colorado, Denver, CO; Brady T West, Lewis B Morgenstern, Univ Of Michigan, Ann Arbor, MI

Poster Board Number P159 / Presentation Number W P159
Post-Graduate Academic Neurovascular Fellowship for Advanced Practice Nurses and Physician Assistants Significantly Increases tPA Treatment Rates: Results from the First Graduating Class of the NET SMART Program
Anne W Alexandrov, Univ of Alabama at Birmingham, Birmingham, AL; Tenisha Baca, Arizona State Univ, Phoenix, AZ; Karen C Albright, Univ of Alabama at Birmingham, Birmingham, AL; Stephen DiBlase, Arizona State Univ, Phoenix, AZ; Andrei V Alexandrov, Univ of Alabama at Birmingham, Birmingham, AL; NET SMART Faculty and Fellows

Poster Board Number P160 / Presentation Number W P160
Engaging Clinicians, Patients and Family Members in the Development of Decision Support for Hyperacute Stroke
Darren Flynn, Lynne Stobbart, Madeleine J Murtagh, Inst of Health and Society, Newcastle Univ, Newcastle Upon Tyne, United Kingdom; Christopher Price, Northumbria Healthcare NHS Trust, Ashington, United Kingdom; Helen Rodgers, Gary A Ford, Inst for Ageing and Health (Stroke Res Group), Newcastle Univ, Newcastle Upon Tyne, United Kingdom; Richard G Thomson, Inst of Health and Society, Newcastle Univ, Newcastle Upon Tyne, United Kingdom

Poster Board Number P161 / Presentation Number W P161
Introduction of Enhanced Prehospital Stroke Tool Improves Delivery of Acute Stroke Care
B Franklin Diamond, Deborah A Murphy, Qaisar Shah, ABINGTON MEMORIAL HOSPITAL, Abington, PA; Christopher J Reif, Bradford S Nash, Second Alarms Rescue Squad, Willow Grove, PA

Poster Board Number P162 / Presentation Number W P162
Hospital Pre-notification of Stroke Patients by Emergency Medical Services Improves Stroke Time Targets

Poster Board Number P163 / Presentation Number W P163
Paramedics and Prehospital Stroke Research Trials: Effective Education Strategies
Theresa Haley, Miranda Gordon, Kanika McCall, Randy Sanoff, Michael Lee, Ann Tran, Fiona Chatfield, UCLA, Los Angeles, CA; Robin Conwit, NIH, Baltimore, MD; Marc Eckstein, UCLA, Los Angeles Fire Department, CA; Sam Stratton, Orange County EMS Agency, Santa Ana, CA; Frank Pratt, LA County Fire Dept, Los Angeles, CA; Sidney Starkman, Jeffrey Saver, UCLA, Los Angeles, CA; FAST-MAG Investigators and Coordinators

Poster Board Number P164 / Presentation Number W P164
The Impact of Ambulance “Ramp Time” Delays on Acute Stroke Pathways
Ian T Mosley, Monash Univ, Melbourne, Australia; Janet E Bray, Eastern Health, Melbourne, Australia; Caroline Nicolas, George Braitberg, Monash Univ, Melbourne, Australia

Poster Board Number P165 / Presentation Number W P165
The Analysis Of The Influence Of Demographic And Logistic Factors On Effectiveness And Safety Of Treatment With Rt-pa The Patients With Acute Ischemic Stroke In Agricultural Region In South-east Poland
Piotr Sobolewski, Monika Sledz<br /> ska, Wiktor Szczuciaki, Marcin Grzesiak, Renata Hatalska - erebiec, Anna Sobotka, SPZZOZ Sandomierz, Sandomierz, Poland
Poster Board Number P166 / Presentation Number W P166

**Extension Of The IV TPA Window Does Not Impact Performance Of A Resident-Based Acute Stroke Protocol**

Andria L Ford, Jennifer A Williams, David K Tan, Jin-Moo Lee, Colin P Derdeyn, Peter Panagos, Washington Univ, Saint Louis, MO

Poster Board Number P167 / Presentation Number W P167

**CT Angiography Based Protocol Does Not Delay Thrombolysis In Acute Ischemic Stroke**

Simerpreet Bal, Bijoy Menon, Nandavar Shobha, Andrew M Demchuk, Michael D Hill, Foothills Medical Ctr, Univ of Calgary, Calgary, AB, Canada

Poster Board Number P168 / Presentation Number W P168

**A Four-Year Retrospective Evaluation of Blood Pressure Management Before IV Thrombolysis**

Marc Lapointe, M Jennifer Glace, Medical Univ of South Carolina, Charleston, SC

Poster Board Number P169 / Presentation Number W P169

**Female Sex Is Associated With Unfavorable Outcomes Following Low-dose Intravenous Rt-pa Therapy: The Samurai Rt-pa Registry**

Tomohisa Nezu, Masatoshi Koga, Dept of Cerebrovascular Med, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Yoshiaki Shiokawa, Depts of Neurosurgery, Stroke Ctr, Kyorin Univ Sch of Med, Mitaka, Japan; Jyoji Nakagawara, Dept of Neurosurgery and Stroke Ctr, Nakamura Memorial Hosp, Sapporo, Japan; Eisuke Furui, Dept of Stroke Neurology, Kohnan Hosp, Sendai, Japan; Kazumi Kimura, Dept of Stroke Med, Kawasaki Medical Sch, Kurashiki, Japan; Hiroshi Yamagami, Stroke Ctr, Kobe City Medical Ctr General Hosp, Kobe, Japan; Yasushi Okada, Dept of Cerebrovascular Med, Natl Hosp Organization Kyushu Medical Ctr, Fukuoka, Japan; Yasuhiro Hasegawa, Dept of Neurology, St Marianna Univ Sch of Med, Kawasaki, Japan; Kazuomi Kario, Div of Cardiovascular Med, Dept of Med, Jichi Medical Univ Sch of Med, Shimotsuke, Japan; Satoshi Okuda, Dept of Neurology, Natl Hosp Organization Nagoya Medical Ctr, Nagoya, Japan; Kouichirou Maeda, Kaoru Endo, Tetsuya Miyagi, Kazuo Minematsu, Kazunori Toyoda, Dept of Cerebrovascular Med, Natl Cerebral and Cardiovascular Ctr, Suita Osaka, Japan

Poster Board Number P170 / Presentation Number W P170

**Low-dose Intravenous rt-PA Therapy for Acute Stroke Patients without Intracranial artery occlusion**

TETSUYA MIYAGI, Masatoshi Koga, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Jyoji Nakagawara, Nakamurami Memorial Hosp, Sapporo, Japan; Yoshiaki Shiokawa, Kyorin Univ Sch of Med, Mitaka, Japan; Eisuke Furui, Kohnan Hosp, Sendai, Japan; Kazumi Kimura, Kawasaki Medical Sch, Kurashiki, Japan; Hiroshi Yamagami, Kobe City Medical Ctr General Hosp, Kobe, Japan; Yasushi Okada, Natl Hosp Organization Kyushu Medical Ctr, Fukuoka, Japan; Satoshi Okuda, Natl Hosp Organization Nagoya Medical Ctr, Nagoya, Japan; Yasuhiro Hasegawa, St Marianna Univ Sch of Med., Kawasaki, Japan; Kazuomi Kario, Jichi Medical Univ Sch of Med, Shimotsuke, Japan; Tomohisa Nezu, Koichiro Maeda, Kaoru Endo, Kazuo Minematsu, Kazunori Toyoda, Natl Cerebral and Cardiovascular Ctr, Suita, Japan

Poster Board Number P171 / Presentation Number W P171

**Re-exacerbation Within 24 Hours After T-PA Infusion Was Associated With Small-vessel Disease**

Jyunichi Uemura, Kawasaki Medical Sch, Kurashiki, Japan

Poster Board Number P172 / Presentation Number W P172

**Safety of a “Drip and Ship” Intravenous Thrombolysis Protocol for Patients with Acute Ischemic Stroke**

Simin Mansoor, Ramin Zand, Mervat Wahba, Univ of Tennessee Health Science Ctr, Memphis, TN; Elias A Giraldo, Mayo Clinic, Rochester, MN

Poster Board Number P173 / Presentation Number W P173

**IV rt-PA Administration in the Expanded Time Window (3-45 hours) in Practice: Utilization and Outcomes**

Wondwossen G Tekle, Amee R Hassan, Gustavo J Rodriguez, Saqib A Chaudhry, Gabriela Vazquez, Adnan I Qureshi, Zeenat Qureshi Stroke Res Ctr, Univ of Minnesota, Minneapolis, MN

Poster Board Number P174 / Presentation Number W P174

**Frequency of Complete Resolution of Motor Symptoms among Stroke Patients Evaluated within 2 Hours of Symptom Onset**

Nerses Sanossian, May A Kim, Univ of Southern California, Los Angeles, CA; Scott Hamilton, Stanford Univ, Palo Alto, CA; Sidney Starkman, David S Liebeskind, UCLA Stroke Ctr, Los Angeles, CA; Marc Eckstein, Univ of Southern California, Los Angeles, CA; Samuel Stratton, Univ of California Los Angeles, Los Angeles, CA; Frank Pratt, Los Angeles County Fire Dept, Los Angeles, CA; Robin Conwit, Natl Insts of Health, Bethesda, MD; Jeffrey L Saver, UCLA Stroke Ctr, Los Angeles, CA; FAST-MAG Investigators and Coordinators

Poster Board Number P175 / Presentation Number W P175

**MRI Based Tia Triage Study**

Connie Wolford, Michael Mlynash, Neil E Schwartz, Archana Purushotham, Maarten Lansberg, Stephanie Kemp, Gregory W Albers, Jean-Marc Olivot, STANFORD STROKE CENTER, Palo Alto, CA

Poster Board Number P176 / Presentation Number W P176

**TIA Patients’ Arrival Time To The Emergency Department Within A Population: No Association With Symptom Severity, Duration, Or ABCDD Score**

Shannon Kohake, Heidi Sucharew, Kathleen A Alwell, Charles J Moomaw, Brett M Kissela, Daniel Woo, Opelu Adeoye, Matthew Flaherty, Pooja Khatri, Simona Ferioli, Dawn Kleindorfer, Univ of Cincinnati, Cincinnati, OH

Poster Board Number P177 / Presentation Number W P177

**Abnormalities on CT Angiogram in patients presenting to the Emergency Department with Transient Ischemic Attack**

Jean-Marc Olivot, STANFORD STROKE CENTER, Palo Alto, CA; Scott Hamilton, Stanford Univ, Palo Alto, CA; Samuel Stratton, UCLA Stroke Ctr, Los Angeles, CA; Todd Klockgether, Univ of Southern California, Los Angeles, CA; Charles Moomaw, Univ of Minnesota, Minneapolis, MN; Richard M Gladstone, Univ of Western Ontario, London, ON, Canada; Jeffrey L Saver, UCLA Stroke Ctr, Los Angeles, CA; Frank Pratt, Los Angeles County Fire Dept, Los Angeles, CA; Robin Conwit, Natl Insts of Health, Bethesda, MD; Jeffrey L Saver, UCLA Stroke Ctr, Los Angeles, CA; FAST-MAG Investigators and Coordinators

Poster Board Number P178 / Presentation Number W P178

**Management of Patients with Suspected Transient Ischemic Attack is Safe in an Outpatient Clinic Based on Rapid Diagnosis and Risk Stratification**

Sabine Hoerer, Stefanie Kirsch, Claudia Doberenz, Veronika Maasberg, Roman L Haberl, City Hosp Munich Klinikum Harlaching, Munich, Germany

Poster Board Number P179 / Presentation Number W P179

**Subtypes and Hospital Length of Stay in Patients with a Missed Diagnosis of Ischemic Stroke in the Emergency Department**

Rhonda Cadena, Opelu Adeoye, Christopher Lindell, Kathleen Alwell, Charles J Moomaw, Erin Gise, Matthew L Flaherty, Simona Ferioli, Daniel Woo, Pooja Khatri, Joseph P Broderick, Brett M Kissela, Dawn O Kleindorfer, Univ of Cincinnati, Cincinnati, OH
Poster Board Number P180 / Presentation Number W P180  
**tPA Contributes To Impairment of ATP and Ca Sensitive K Channel Mediated Cerebrovasodilation After Piglet Photothermal栓osis Through Uptregulation of JNK MAPK**  
William Armstead, John Riley, Douglas Cines, Vladimir Muzykantov, Abd Higazi, Univ of Pennsylvania, Philadelphia, PA

Poster Board Number P181 / Presentation Number W P181  
**MicroRNA 17-92 Cluster Mediates Erythropoietin-induced Cerebral Angiogenesis**  
Hua Teng, Henry Ford Hosp, Detroit, MI; Michael Chopp, 1Henry Ford Hosp, 2Dept of Physics, Oakland Univ, 1Detroit, 2Rochester, MI; Xianshuang Liu, Lei Wang, Yisheng Cui, Zheng Gang Zhang, Henry Ford Hosp, Detroit, MI

Poster Board Number P182 / Presentation Number W P182  
**Infarct Size Prediction Using A Combined Technique Of Laser Doppler Flowmetry And Near-infrared Fluorescent Thrombi Imaging In A Mouse Model Of Embolic Stroke**  
Dong-Eok Kim, Jeong-Yeon Kim, Byeong-Teck Kang, Jin-Ok Choi, Dong Kun Lee, Won Jun Choi, Sang-Wuk Jeong, Molecular Imaging & Neurovascular Res Lab, Dongguk Univ Ilsan Hosp, Goyang, Korea, Republic of; Kwangmeyung Kim, Ick Chan Kwon, Biomedical Res Ctr, Korea Inst of Science and Technology, Seoul, Korea, Republic of

Poster Board Number P183 / Presentation Number W P183  
**Neuroprotective Effect of TAK-937, a Novel Cannabinoid Receptor Agonist, in Rat Permanent and Thrombotic Middle Cerebral Artery Occlusion Models**  
Koji Murakami, Motohisa Suzuki, Noriko Suzuki, Kazuhiro Hamajo, Tetsuya Tsukamoto, Masato Shimojo, Takeda Pharmaceutical Company Limited, Osaka, Japan

Poster Board Number P184 / Presentation Number W P184  
**Visualization of Clot Lysis in a Rat Embolic Stroke Model**  
Bernt Tore Bratane, Ronn P Walvick, Nils Henninger, Kenneth M Sicard, James Bouley, Univ of Massachusetts Medical, Worcester, MA; Zhan Yang Yu, Eng Lo, Xiaoying Wang, Harvard Medical Sch, Charlestown, MA; Marc Fisher, Univ of Massachusetts Medical, Worcester, MA

Poster Board Number P185 / Presentation Number W P185  
**Inhibition of Calcium-Calmodulin Dependent Protein Kinase IV is Detrimental in Experimental Stroke**  
Jun Li, Sharon Benashski, Univ of Connecticut Health Ctr, Farmington, CT; Thomas Ribar, Anthony Means, Duke Univ Medical Ctr, Durham, NC; Louise D McCullough, Univ of Connecticut Health Ctr, Farmington, CT

Poster Board Number P186 / Presentation Number W P186  
**Anesthesia Confounds in Experimental Stroke and Preconditioning**  
Liang Zhao, Thaddeus S Nowak Jr, Univ of Tennessee Health Science Ctr, Memphis, TN

Poster Board Number P187 / Presentation Number W P187  
**Neuroprotective Effect of TAK-937, a Novel Cannabinoid Receptor Agonist, in a Rat Transient Middle Cerebral Artery Occlusion Model**  
Noriko Suzuki, Motohisa Suzuki, Kazuhiro Hamajo, Koji Murakami, Tetsuya Tsukamoto, Masato Shimojo, Takeda Pharmaceutical Company Limited, Osaka, Japan

Poster Board Number P188 / Presentation Number W P188  
**Very Brief Focal Cerebral Ischemia Induces A Delayed Immune Response In Peripheral Blood Of Rats**  
Xinhua Zhan, Bradley P Ander, Frank R Sharp, MIND Inst, Univ of California at Davis, Sacramento, CA

Poster Board Number P189 / Presentation Number W P189  
**TLR3 Ligand Attenuates Cerebral Ischemia/Reperfusion Injury**  
Xia Zhang, Tuanzhu Ha, Jim Kelley, Race Kao, David Williams, Chuanfu Li, EAST TENNESSEE STATE UNIVERSITY, Johnson City, TN

Poster Board Number P190 / Presentation Number W P190  
**Activation of AMP-activated Protein Kinase Differs in Young and Aging Mice after Stroke**  
Fudong Liu, Sharon Benashski, Persky Rebecca, Yan Xu, Jun Li, Louise McCullough, UNIVERSITY CONN HEALTH CENTER, Farmington, CT

Poster Board Number P191 / Presentation Number W P191  
**Angiogenic Factor Expression And Vascular Damage After Stroke In Type 2 Diabetic Mice**  
Alex Zacharek, Michael Chopp, Xu Cui, Cynthia Roberts, Jieli Chen, Henry Ford Hosp, Detroit, MI

Poster Board Number P192 / Presentation Number W P192  
**The RXR Agonist, Bexarotene Reduces Infarction Volume in Transient Cerebral Ischemia**  
Sophia Sundararajan, Jon Niemi, D’Arba Blankenship, Molly Karl, Elizabeth Hilow, Gary Landreth, CASE WESTERN RESERVE UNIV, Cleveland, OH

Poster Board Number P193 / Presentation Number W P193  
**Therapeutic Administration of AlphaB-crystallin, in Cerebral Ischemia**  
Ahmet Arac, Sara E Brownell, Jonathan B Rothbard, Charlene Chen, Rose M Ko, Marta P Pereira, Gregory W Albers, Lawrence Steinman, Gary K Steinberg, STANFORD UNIV SCH OF MED, Stanford, CA

Poster Board Number P194 / Presentation Number W P194  
**Hypoxia Inducible Factor-1 Contributes To Brain Edema After Stroke By Regulating Aquaporins And Glycerol Distribution In Brain**  
Tetsuhiro Higashida, Semmes-Murphey Clinic, Memphis, TN; Yuchuan Ding, Changya Peng, Murali Guthikonda, Dept of Neurosurgery, Wayne State Univ, Detroit, MI

Poster Board Number P195 / Presentation Number W P195  
**Hypothermia Identifies Extracellular Calcium-sensing Receptor (CaSR) As A Potential Therapeutic Target**  
Jong Youl Kim, UCSF, San Francisco, CA; Nuri Kim, Univ of California, Berkeley, Berkeley, CA; Midori A Yenari, Wenhuan Chang, UCSF, San Francisco, CA

Poster Board Number P196 / Presentation Number W P196  
**Three Variations of an Angiographic Rabbit Model of Acute Embolic Stroke**  
William C Culp, Rene Flores, Aliza T Brown, Leah J Hennings, Paula K Roberson, Sean D Woods, Jeff H Hatton, Robert D Skinner, Michael J Borrelli, Univ of Arkansas for Medical Sciences, Little Rock, AR

Poster Board Number P197 / Presentation Number W P197  
**Perfusion-diffusion MRI Of Non-human Primate Stroke**  
Hsiao-Ying Wey, Ghazwan M Kroma, James T Scribner, Jinqi Li, Mary M Leland, Lisa Jones, Timothy Q Duong, UTHSC at San Antonio, San Antonio, TX
Poster Board Number P198 / Presentation Number W P198

Neuroprotective Effect Of A Brain-targeting Form Of Docosahexaenoic Acid After Stroke: An MRI-based Study
Fabien Chauveau, Tae-Hee Cho, Univ de Lyon; Lyon 1; CNRS UMR 5220; INSERM U630; INSAS-Lyon; CREATIS, Lyon, France; Magali Perez, Michel Guichardant, Univ de Lyon; Lyon 1; INSERM UMR 870; INRA 1235, INSAS-Lyon; RMND/IMBL, Lyon, France, Lyon, France; Adrien Riou, Pierre Agettaz, Univ de Lyon; Lyon 1; CNRS UMR 5220; INSERM U630; INSA-Lyon; CREATIS, Lyon, France; Madeleine Picq, Michel Lagarde, Univ de Lyon; Lyon 1; INSERM UMR 870; INRA 1235; INSA-Lyon; RMND/IMBL, Lyon, France, Lyon, France; Yves Berthézène, Norbert Nighoghossian, Marlène Wiart, Univ de Lyon; Lyon 1; CNRS UMR 5220; INSERM U630; INSA-Lyon; CREATIS, Lyon, France

Poster Board Number P199 / Presentation Number W P199

ADAMTS13 is Neuroprotective Against Brain Ischemia-Reperfusion Injury By Improving Post-ischemic Microcirculation And Inflammation
Masayuki Fujioka, NEUROSURGERY, NEUROSCIENCE CTR, Osaka Saiseikai Ibraki General Hosp, Nara Medical Univ, Osaka, Japan; Kauzihide Hayakawa, Kenichi Mishima, Takafumi Nakano, Dept of Neuropharmacology, Faculty of Pharmaceutical Sciences, Fukuoka Univ, Fukuoka, Japan; Carl Mouri, NEUROSURGERY, Zurich Univ, Zurich, Switzerland; Toshiyuki Miyata, Res Inst, Natl Cardiovascular Ctr, Osaka, Japan; Kazuo Okuchi, Emergency CTR, Nara Medical Univ, Nara, Japan; Michihiro Fujiwara, Dept of Neuropharmacology, Faculty of Pharmaceutical Sciences, Fukuoka Univ, Fukuoka, Japan; Bo K Siesjo, Lab for Experimental Brain Res, Lund Univ, Lund, Sweden

Poster Board Number P200 / Presentation Number W P200

Cytokine Expression in the Brains and Serum of MyD88-/ and TRIF mutant mice following permanent Middle Cerebral Artery Occlusion
Bolanle Famakin, Natl Insts of Health, NIH, Bethesda, MD; Yongshan Mou, Christi A Ruetzler, Natl Insts of Health, Bethesda, MD; Modinat M Lawal, Natl Insts of Health, NIH, Bethesda, MD

Poster Board Number P201 / Presentation Number W P201

Rapamycin Enhances Autophagic Mediated Protection in a Permanent Middle Cerebral Artery Ligation Stroke Model

Poster Board Number P202 / Presentation Number W P202

Preconditioning Induces Sustained Neuroprotection by Inhibition of AMPK
Venugopal Reddy Venna, Jun Li, Louise D McCullough, Univ of Connecticut health center, Farmington, CT

Poster Board Number P203 / Presentation Number W P203

A Role For Spleen CCR2+ Monocytes In Stroke-Induced Injury In Hyperlipidemia
Eunhee Kim, Yi Bao, LuYee Qin, Sunghie Cho, Burke/Cornell Medical Res Inst, White Plains, NY

Poster Board Number P204 / Presentation Number W P204

MSCs Decrease TGF 1 Expression In Microglia Which Downregulate Astrocytic PAI-1 Expression After Stroke
Hongqi Xin, Yi Li, Li H Shen, Ruilan Zhang, Li Zhang, Zheng G Zhang, Michael Chopp, Henry Ford Health System, Detroit, MI

Poster Board Number P205 / Presentation Number W P205

Effectiveness of a PSD95 Inhibitor in Treating Acute Ischemic Stroke in Old World Gyrencephalic Primates
Douglas Cook, Lucy Teves, Michael Tymianski, UNIVERSITY OF TORONTO, Toronto, ON, Canada

Hemorrhage – Intraparenchymal Posters I W P206 – W P221

Poster Board Number P206 / Presentation Number W P206

Aggressive Blood Pressure Control with Clevidipine in Patients with Acute Intracerebral Hemorrhage is Rapid and Well Tolerated: The ACCELERATE Trial
Carmelo Graffagnino, Duke Univ Medical Ctr, Durham, NC; Sergio Bergese, Ohio State Univ, Columbus, OH; James Love, Moses H Cone Health System, Greensboro, NC; Dietmar Schneider, Univ of Leipzig, Leipzig, Germany; Christos Lazaridis, Medical Univ of South Carolina, Charleston, SC; Marc LaPointe, South Carolina Coll of Pharmacy, Charleston, SC; Kiwon Lee, Columbia Univ Medical Ctr, New York, NY; Gwendolyn Lynch, Cleveland Clinic Hosp, Cleveland, OH

Poster Board Number P207 / Presentation Number W P207

A Low Proportion of Patients with Intracerebral Hemorrhage Meet the Eligibility Criteria of the Surgical Trial in Intracerebral Hemorrhage II Study
Matthew A Kirkman, Naomi Greenwood, Navneet Singh, Pippa J Tyrrell, Andrew T King, Hiren C Patel, Greater Manchester Neurosciences Ctr, Manchester, United Kingdom

Poster Board Number P208 / Presentation Number W P208

Genome Wide Association Study of Intracerebral Hemorrhage
Matthew A Kirkman, Naomi Greenwood, Navneet Singh, Pippa J Tyrrell, Andrew T King, Hiren C Patel, Greater Manchester Neurosciences Ctr, Manchester, United Kingdom
Poster Board Number P210 / Presentation Number W P210
The Effect Of Leukoaraiosis Burden On Admission Hematoma Volume And Hematoma Growth In Patients With Spontaneous Intracerebral Hemorrhage
Ethem Murat Arsava, Ozlem Kayim Yildiz, Hacettepe Univ, Faculty of Med, Dept of Neurology, Ankara, Turkey; Erhan Akinar, Hacettepe Univ, Faculty of Med, Dept of Radiology, Ankara, Turkey; Mehmet Akin Topcuoglu, Hacettepe Univ, Faculty of Med, Dept of Neurology, Ankara, Turkey

Poster Board Number P211 / Presentation Number W P211
Charlson Comorbidity Index Independently Predicts Long-term Functional Outcome in Patients after Intracerebral Hemorrhage
Barak Bar, J Claude Hemphill III, UCSF, San Francisco, CA

Prediction of 1 Year Functional Outcome in Patients With Intracerebral Hemorrhage: The “Functional ICH Score”
Michael Mlynash, Christine A Wijman, Stanford Univ Medical Ctr, Stanford Stroke Ctr, Palo Alto, CA; on behalf of the DASH investigators

Poster Board Number P214 / Presentation Number W P214
Hematoma Expansion in Anticoagulant Associated Intracerebral hemorrhage Despite Prothrombin Complex Concentrate Treatment
Negar Asdaghi, Candice C Poon, Thomas Jeerakathil, Ken Butcher, Univ of Alberta, Edmonton, AB, Canada

Poster Board Number P215 / Presentation Number W P215
Dynamic Cerebral Autoregulation Is Impaired After Acute Intracerebral Hemorrhage
Kazuma Nakagawa, The Queen's Medical Ctr, Honolulu, HI; Jorge M Serrador, Harvard Medical Sch, Boston, MA; Sarah L LaRose, Farzaneh A Sorond, Brigham and Women's Hosp, Boston, MA

Poster Board Number P216 / Presentation Number W P216
Hemicraniectomy And Craniotomy Have Similar Early Outcomes In Patients With Intracerebral Hemorrhage
Ramy El Khoury, Yoshua Esquenazi, Meghan McIntosh, Renganayaki Panduregann, Jeanie Choi, Amrou Sarraj, M Rick Sline, Nicole Gonzales, Andrew Barreto, James Grotta, Nitin Tandon, Sean Savitz, UNIVERSITY OF TEXAS AT HOUSTON, Houston, TX

Poster Board Number P217 / Presentation Number W P217
Clinical Characteristics Stratify the Utility of Magnetic Resonance Imaging in Patients With Spontaneous Intracerebral Hemorrhage
Hooman Kamel, Babak B Navi, J Claude Hemphill III, UCSF, San Francisco, CA

Poster Board Number P218 / Presentation Number W P218
Thrombin Triggers Angiogenesis In Rat Brains Following Intracerebral Hemorrhage
Hua-Jun Zhou, Inst of Neurology, Xiangya Hosp, Central South Univ, Central South Univ, Changsha, China; Tao Tang, Inst of Integrative Chinese Med, Xiangya Hosp, Central South Univ, Changsha, China; Qi-Dong YANG, Inst of Neurology, Xiangya Hosp, Central South Univ, Changsha, China

Poster Board Number P219 / Presentation Number W P219
The Role Of Iron In Brain Injury After Intraventricular Hemorrhage
Zhi Chen, Ya Hua, Richard F Keep, Karin Muraszko, Guohua Xi, Univ of Michigan, Ann Arbor, MI

Poster Board Number P220 / Presentation Number W P220
Improvement in Functional Outcome after Isoflurane Preconditioning in a Murine Model of Intracerebral Hemorrhage Involves an Inducible Nitric Oxide Mechanism
Sarah E Keesecker, Paul R Gigante, Geoffrey Appelboom, Christopher P Kellner, Brian Y Hwang, Mason L Yeh, Justin Gorski, E Sander Connolly Jr, Columbia Univ, New York, NY

Evaluation of Intraventricular Hemorrhage Assessment Methods for Predicting Outcome Following Intracerebral Hemorrhage
Brian Y Hwang, Geoffrey Appelboom, Samuel S Bruce, Christopher P Kellner, Paul Gigante, Amanda M Carpenter, Matthew Piazza, Philip M Meyers, E Sander Connolly, Columbia Univ, New York, NY

Intracranial Atherosclerotic Occlusive Disease Posters I W P222 – W P237

Poster Board Number P222 / Presentation Number W P222
Plasma Levels Of Apolipoprotein E And Risk Of Intracranial Artery Stenosis In Acute Ischemic Stroke Patients
Hyun-Ji Cho, Young-Jae Kim, ewha womans university mokdong hospital, Seoul, Korea, Republic of

Effects of External Counterpulsation in Patients with Progressing Ischemic Stroke and Large Artery Occlusive Disease
JING HAO HAN, LI XIONG, WEN HUA LIN, YANNIE O SOO, THOMAS W LEUNG, KA SING WONG, Chinese university of Hong Kong, Hong Kong, Hong Kong

Poster Board Number P223 / Presentation Number W P223
Intracranial Stenosis in the Young Patients May Represent a Distinct Syndrome
Farhan Siddiq, Gabriela Vazquez, Adnan I Qureshi, Zeenat Qureshi Stroke Res Ctr, Univ of Minnesota, Minneapolis, MN

Poster Board Number P224 / Presentation Number W P224
Delayed Absorption Of The Contrast Media In CT Angiography Indicates Plaque Stability In Carotid Stenosis
Nobutaka Horie, Dept of Neurosurgery, Nagasaki Univ Sch of Med, Nagasaki, Japan; Minoru Morikawa, Dept of Radiology, Nagasaki Univ Sch of Med, Nagasaki, Japan; Shunsuke Ishizaka, Kentaro Hayashi, Kazuhiro Suyama, Izumi Nagata, Dept of Neurosurgery, Nagasaki Univ Sch of Med, Nagasaki, Japan

Poster Board Number P225 / Presentation Number W P225
Perfusion Images Can Enhance The Accuracy To Evaluate Intracranial Artery Stenosis
Hee-Kwon Park, Chang-gi Hong, Im-Tae Han, Joung-Ho Rha, Inha university hospital, Incheon, Korea, Republic of

Poster Board Number P226 / Presentation Number W P226
Burden Of Symptomatic Steno-occlusion In Patients With Acute Cerebral Ischemia In Korea: Prevalence, Distribution And Functional Outcome
Jihoon Kang, Hee-Joon Bae, Moon-Ku Han, Myung Suk Jang, Seoul Natl Univ Bundang Hosp, Seongnam, Korea, Republic of; Jong-Moo Park, Nowon Eulji General Hosp, Eulji Univ, Seoul, Korea, Republic of; Tai Hwan Park, Seoul Medical Ctr, Seoul, Korea, Republic of; Kyung Bok Lee, Soonchunhyang Univ Coll of Med, Seoul, Korea, Republic of; Youngchae Ko, Soo Joo Lee, Eulji Univ Hosp, Eulji Univ, Dae-jeon, Korea, Republic of; Keun Hwa Jung, Seoul Natl Univ Coll of Univ, Seoul, Korea, Republic of
of; Yong-Jin Cho, Ilsan Paik Hosp, Inje Univ, Ilsan, Korea, Republic of; Kyung-Ho Yu, Coll of Med, Hallym Univ, Anyang, Korea, Republic of; Byung-Chul Lee, Coll of Med, Hallym Univ., Anyang, Korea, Republic of; Jungyoung Lee, Dept of Biostatistics, Korea Univ Coll of Med, Seoul, Korea, Republic of; Jae-Kwan Cha, Coll of Med, Dong-A University, Busan, Korea, Republic of; Jun Lee, Yeungnam Universty Medical Ctr, Dae-gu, Korea, Republic of

Poster Board Number P228 / Presentation Number W P228
Prevalence Of Intracranial Atherosclerotic Disease Coexisting With Extracranial Atherosclerosis in The North Indian Population
Dheeraj Khurana, Jomal Mathews, Vivek Gupta, S Prabhatkar, PGIMER, Chandigarh, India

Poster Board Number P229 / Presentation Number W P229
High Levels of Apolipoprotein B/AI Ratio in Ischemic Stroke Patients with Intracranial Atherosclerosis
Jong-Ho Park, Stroke Ctr, Kwandong Univ Myongji Hosp, Goyang, Korea, Republic of; Eun-Ja Lee, Dept of Diagnostic Radiology, Kwandong Univ Myongji Hosp, Goyang, Korea, Republic of; Hyun Jeong Han, Dept of Neurology, Kwandong Univ Myongji Hosp, Goyang, Korea, Republic of

Poster Board Number P230 / Presentation Number W P230
Predictors of Neurologic Deterioration in Large Vessel Strokes
Presenting Outside the Traditional Treatment Window
Johanna L Morton, Muhammad Shazam Hussain, Ken Uchino, Ferdinand K Hui, Irene L Katzan, Cleveland Clinic, Cleveland, OH

Poster Board Number P231 / Presentation Number W P231
Optimal Pressure of External Counterpulsation for Cerebral Blood Flow augmentation in Ischemic Stroke Patients
WEN HUA LIN, LI XIONG, JING HAO HAN, THOMAS LEUNG, YANNIE SOO, VINCENT MOK, XIANG YAN CHEN, LAWRENCE KS WONG, The Chinese Univ of Hong Kong, Hong Kong, Hong Kong

Poster Board Number P232 / Presentation Number W P232
Predictors Of Outcome In Conservatively Treated Patients With Symptomatic Basilar Artery Occlusive Disease
Angelos M Katramados, Andrew Russman, Brian Silver, Lonni Schultz, Panayiotis D Mitsias, Henry Ford Hosp, Detroit, MI

Poster Board Number P233 / Presentation Number W P233
Prediction Of Asymptomatic Cerebrovascular Diseases Before Bypass Surgery For Peripheral Artery Disease
Shigeru Fujimoto, Satoshi Suzuki, Shinji Yamamura, Juro Jinnouchi, Takayuki Matsuki, Takuya Inoue, Takeo Amemiya, Seizo Sadoshima, NIPPON STEEL YAWATA MEMORIAL HOSPITAL, Kitayushu, Japan

Poster Board Number P234 / Presentation Number W P234
The Triglyceride:High-Density Lipoprotein Cholesterol Ratio and Intracranial Arterial Stenosis
Jong-Moo Park, Dept of Neurology, Eulji General Hosp, Seoul, Korea, Republic of; Jaseong Koo, Dept of Neurology, Seoul St Mary’s Hosp, Seoul, Korea, Republic of; Young A Kim, Dept of Pathology, Seoul City Boramae Hosp, Seoul, Korea, Republic of; Kyusik Kang, Dept of Neurology, Eulji General Hosp, Seoul, Korea, Republic of

Poster Board Number P235 / Presentation Number W P235
Collaterals Determine the Hemodynamic Impact of Atherosclerotic Intracranial Stenosis
David S Liebeskind, UCLA, Los Angeles, CA; Nerses Sanossian, USC, Los Angeles, CA; Qing Hao, Rana Fiaz, Noriko Salamon, Jeffrey R Alger, Jeffrey L Saver, UCLA, Los Angeles, CA; for the UCLA Collateral Investigators
Poster Board Number P243 / Presentation Number W P243
Agreement and Variability in the Interpretation of Presenting Computed Tomographic and Computed Tomographic Perfusion Imaging Changes in Ischemic Stroke Patients Qualifying for Endovascular Thrombolysis

Poster Board Number P244 / Presentation Number W P244
Head-to-Head Comparison of Combination tPA Thrombolysis in an in-vitro Human Clot Model
Jason M Muenier, Christy K Holland, Tyrone M Porter, Christopher J Lindsell, George J Shaw, The Univ of Cincinnati, Cincinnati, OH

Poster Board Number P245 / Presentation Number W P245
Telestroke Facilitates Access to Fibrinolytic Treatment for Patients with Ischemic Stroke
Alfredo Palomino, Hosp Univirio Virgen del Rocío, Seville, Spain

Poster Board Number P246 / Presentation Number W P246
Sedation Practice Patterns in Acute Stroke Endovascular Therapy: The IMS III Trial Experience
Jonathan A Sohn, Joseph P Broderick, Judith A Spilker, Thomas A Tomrick, Univ of Cincinnati Academic HealthCtr, Cincinnati, OH; Michael D Hill, Univ of Calgary, Calgary, AB, Canada; Edward C Jauch, Medical Univ of South Carolina, Charleston, SC; Peter Mitchell, Bernard Yan, Royal Melbourne Hosp, Melbourne, Australia; Alex Abou-Chbel, Univ of Louisville, Louisville, KY; Kevin M Cockroft, Pennsylvania State Medical Sch, Hershey, PA; David M Brown, HOAG MEMORIAL HOSPITAL PRESBYTERIAN, Newport Beach, CA; Peter D Panagos, Washington Univ, St Louis, MO; Raul G Nogueira, Massachussetts General Hosp, Boston, MA; Peter Keller, Neuroscience Trials Australia, Heidelberg Heights, Victoria, Australia; Pooja Khatrri, Univ of Cincinnati Academic Health Ctr, Cincinnati, OH; IMS III Investigators

Poster Board Number P247 / Presentation Number W P247
Manual Aspiration Thrombectomy, A Novel Approach To Endovascular Therapy For Acute Stroke
Oana V Spataru, Tudor Jovin, Lawrence Wechsler, Michael Horowitz, Amer Malik, Lin Ridwan, Mouhammad Jumaa, Zaidi Syed, UPMC, Pittsburgh, PA; Aitziber Aleu, Univ Hosp Germans Trias I Pujol, Barcelona, Spain

Poster Board Number P248 / Presentation Number W P248
Midterm Clinical and Angiographic Follow Up for the First FDA-approved Prospective, Single-arm Trial of Primary Stenting for Stroke: SARIS (Stent-Assisted Recanalization for acute Ischemic Stroke)
Elad J Levy, Univ at Buffalo, State Univ of New York, Buffalo, NY; Maryam Rahman, Univ of Florida, Gainesville, FL; Alexander A Khaleessi, Patrick T Beyer, Sabareesh K Natarajan, Mary L Hartney, Univ at Buffalo, State Univ of New York, Buffalo, NY; David J Fiorella, Stony Brook Univ Medical Ctr, Stony Brook, NY; L N Hopkins, Adnan H Siddiqui, Univ at Buffalo, State Univ of New York, Buffalo, NY; J Mocco, Univ of Florida, Gainesville, FL

Poster Board Number P249 / Presentation Number W P249
Solitaire Device for Immediate Flow Restoration and Revascularization in Acute Stroke Geneva experience

Poster Board Number P251 / Presentation Number W P251
Medical Complications of Systemic Thrombolysis, Primary Intra-Arterial Reperfusion and IV-IA Bridging Procedures
Luis Cava, Karen C Albright, Kristian Barlinn, Clotilde Balucani, Maruthi Kesani, Limin Zhao, UAB-Comprehensive Stroke Ctr, Birmingham, AL; Kara Sands, Michael Lyster, UAB-Neurology, Birmingham, AL; Anne W Alexandrov, UAB-Comprehensive Stroke Ctr, Birmingham, AL; Mark R Harrigan, UAB-Neurosurgery, Birmingham, AL; Joseph A Horton, UAB-Neuroradiology, Birmingham, AL; Edgar Underwood, UAB-Interventional Radiology, Birmingham, AL; Damon Patterson, Andrei V Alexandrov, UAB-Comprehensive Stroke Ctr, Birmingham, AL

Poster Board Number P252 / Presentation Number W P252
MS, a Thrombolytic Which Induced Significant Functional Recovery and Less ICH than tPA in Rat Stroke Models
Simone Tomasi, Neuroscience Inst of Turin, Univ of Turin, Turin, Italy; Paolo Sarmientos, Primm srl, Milan, Italy; Giada Giorda, Alessandro Vercelli, Neuroscience Inst of Turin, Univ of Turin, Turin, Italy; Victor Gurewich, Vascular Res Lab, BI Deaconess Medical Ctr, Harvard Medical Sch, Cambridge, MA

Poster Board Number P253 / Presentation Number W P253
Comparison of Acute Medical Treatments in Ischemic Stroke Patients Aged 80 Years or Older
Haralabos Zacharatos, Ameer E Hassan, Gabriela Vazquez, Haitham H Hussein, Gustavo J Rodriguez, M Fareed K Suri, Kamakshi Lakshminarayan, Mustapha A Ezzeddine, Adnan I Qureshi, Zeenat Qureshi Stroke Res Ctr, Univ of Minnesota, Minneapolis, Minnesota, Minneapolis, MN

Poster Board Number P254 / Presentation Number W P254
In Vivo Thrombolytic Efficacy of Tissue Plasminogen Activator-Loaded Echogenic Liposomes
Melvin E Kiegerman, Melanie R Moody, Hyunggun Kim, Beverly Smulevitz, Shao-Ling Huang, Univ of Texas Health Science Ctr, Houston, TX; Christy K Holland, Univ of Cincinnati, Cincinnati, OH; David D McPherson, Susan T Laing, Univ of Texas Health Science Ctr, Houston, TX

Poster Board Number P255 / Presentation Number W P255
THR-18 Peptide, a Modulator of tPA action: A Summary of Preclinical and Clinical Studies
abraham nimrod, Michael Krakovski, Vadim Polianski, Arnon Aharon, Thrombotech Technologies Ltd, Nes Ziona, Israel; Abd el Roof Higazi, Ronen R Leker, Hadassa Medical Sch, Jerusalem, Israel; Itschak Lamensdorf, Thrombotech Technologies Ltd, Nes Ziona, Israel

Poster Board Number P256 / Presentation Number W P256
The SPEED Trial: A Study of the Penumbra Early Evacuation Device
Don Frei, Swedish Medical Ctr, Englewood, CO; A Turk, Medical Univ of South Carolina, Charleston, SC; D Heck, Forsyth Medical Ctr, Winston Salem, NC; F Hui, Cleveland Clinic, Cleveland, OH; G Joseph, Presbyterian Hosp, Charlotte, NC; R Jahan, UCLA Medical Ctr, Los Angeles, CA; J Carpenter, West Virginia Univ Medical Ctr, Morgantown, WV; T Grobelny, Christ Hosp, Oak Lawn, IL; J Goddard, Fairview Southdale Hosp, Edina, MN; B Leader, A Bose, SP Sit, Penumbra, Inc, Alameda, CA

Poster Board Number P257 / Presentation Number W P257
Intra-arterial Thrombolysis Initiated Greater than 24 Hours after Stroke Onset
Brian Jankowitz, Ridwan Lin, Syed F Zaidi, Mouhammad A Jumma, Maxim Hammer, Lawrence R Wechsler, Michael Horowitz, Tudor Jovin, UNIVERSITY OF PITTSBURGH, Pittsburgh, PA
Poster Board Number P258 / Presentation Number W P258
General Anesthesia during Mechanical Thrombectomy Negatively Impacts Functional Independence and Mortality in Only Less Severe Ischemic Stroke
Christine Wong, Nancy Hills, UCSF, San Francisco, CA; Gary Walker, Concentric Medical, Inc, Mountain View, CA; Wade Smith, UCSF, San Francisco, CA

Poster Board Number P259 / Presentation Number W P259
Intra-Arterial Thrombolysis Demonstrates Better Clinical Outcome than Intra-Arterial Thrombectomy
Nicoire R Gonzales, ANDREW D BARRETO, NUSRAT HARUN, TZU-CHING WU, PREETHI SAHOTA, AMROU SARRAJ, RAMY EL KHOURY, WILLIAM HICKS, NAVDEEP S SANGHA, VIVEK MISRA, GEORGE A LOPEZ, SEAN I SAVITZ, JAMES C GROTTON, Univ of Texas Medical Sch, Houston, TX

Poster Board Number P260 / Presentation Number W P260
Failure of Conscious Sedation Among Patients Undergoing Neuro-Endovascular Procedures
Amee E Hassan, Rizwan Husain, Gabriela Vazquez, Gustavo J Rodriguez, M Fareed K Suri, Ramachandra P Tummala, Robert A Taylor, Mustapha A Ezzedine, Adnan I Qureshi, Zeenat Qureshi Stroke Res Ctr, Univ of Minnesota, Minneapolis, MN

Poster Board Number P261 / Presentation Number W P261
The Hyperdense Vessel Sign on CT is Predictive of Successful Recanalization Using the Merci Device in Acute Ischemic Stroke
Michael T Froehleher, Satoshi Tateshima, Reza Jahan, Gary Duckwiler, Fernando Vinuela, Latisa K Ali, Sidney Starkman, David Liebeskind, Jeffrey Saver, Pablo Villablanca, UCLA, Los Angeles, CA

Poster Board Number P262 / Presentation Number W P262
Gasometric Analysis Of Blood Samples Directly Obtained Beyond Arterial MCA Occlusion During Endovascular Procedures Predicts Response To Revascularization
Alan Flores, Hosp Vall D’Hebron, Barcelona, Spain; Joao Sargentofreitas, Hosp Univio Coimbra, Coimbra, Portugal; Marta Rubiera, Jorge Pagola, David Rodriguez-Luna, Socorro Pifiteiro, Olga Maisterra, Joan Montaner, Jose Alvarez-Sabin, Carlos Molina, Marc Ribo, Hosp Vall D’Hebron, Barcelona, Spain

Poster Board Number P263 / Presentation Number W P263
Persistent Penumbra in a Rabbit Stroke Model at 24 Hours: Incidence and Histologic Characteristics
Leah Hennings, Rene Flores, Paula Roberson, Aliza Brown, John Lowery, Michael Borrelli, William C Culp, Univ of Arkansas for Medical Sci, Little Rock, AR

Poster Board Number P264 / Presentation Number W P264
A Novel Dimension Changing Distal Access Aspiration Catheter For Acute Stroke Treatment
Satoshi Tateshima, UCLA Medical Ctr, Interventional Neuroradiology, Los Angeles, CA

Poster Board Number P265 / Presentation Number W P265
Clinical-Diffusion Mismatch Better Discriminates Infarct Growth than MTT-DWI Mismatch in Patients with MCA-M1 Occlusion and Limited Infarct Core
Raul G Nogueira, Andre Kemmling, Leticia M Souza, Seyedmehdi Payabvash, Albert J Yoo, Michael H Lev, Massachusetts General Hosp, Boston, MA

Poster Board Number P266 / Presentation Number W P266
Collateral Circulation as a Prognostic Factor in the Selection of Patients for Endovascular Treatment of Acute Ischemic Stroke
Salvatore Mangiafico, Valentina Saia, Ilaria Romani, Vanessa Palumbo, Giovanni Pracucci, Sergio Nappini, Patrizia Nencini, Fabrizio Ricciardi, Mascia Nesi, Domenico Inzitari, Careggi Hosp, Florence, Italy; for the Florence Stroke Team

Poster Board Number P267 / Presentation Number W P267
Facing The Clot: Angiographic Appearance Predicts Recanalization And Clinical Outcome In Acute Ischemic Stroke
Peter Adamczyk, Jeffrey L Saver, Qing Hao, UCLA Medical Ctr, Los Angeles, CA; Nerses Sanossian, Univ of Southern California, Los Angeles, CA; Rana Fiaz, Latisha K Ali, Doojin Kim, Bruce Ovbiagele, Sidney Starkman, Paul Vespa, Sarah Song, Radoslav Raychev, Hermelinda G Abcede, Nestor Gonzalez, Satoshi Tateshima, Reza Jahan, Gary R Duckwiler, Fernando Vinuela, David S Liebeskind, UCLA Medical Ctr, Los Angeles, CA; UCLA Stroke Investigators

Poster Board Number P268 / Presentation Number W P268
Admission DWI Infarct Volume May Be A Stronger Predictor of Clinical Outcome than The Presence of Proximal Arterial Occlusion in Acute Stroke Patients Undergoing Reperfusion Therapy
Leticia M Souza, Seyedmehdi Payabvash, Shadi A Esfahani, R Gilberto Gonzalez, Michael H Lev, Raul Nogueira, Massachusetts General Hosp, Boston, MA

Poster Board Number P269 / Presentation Number W P269
Long-term Angiographic Follow-up following Stenting For Chronic Total Occlusion Older Than Three Months Of The Proximal Subclavian Artery
Yuichi Miyazaki, Takahisa Mori, Hiroyuki Tajiri, Tomonori Iwata, Masahito Nakazaki, Shonan Kamakura General Hosp, Kamakura, Japan

Poster Board Number P270 / Presentation Number W P270
Title: No Risk of Increased Risk of Symptomatic Intracerebral Hemorrhage among Sub-therapeutic Warfarin Patients Treated with Tissue Plasminogen Activator
Nicholas M Dugan, John W Cochran II, Christa Callahan, Karen Krzywicki, Susan O’Marra, Maurie Whiston, Robin Montgomery, Rosalyn Munoz, Barbara Mancini, Inova Fairfax Hosp, Falls Church, VA; Panagiota Kitsantas, Jehanzeb Cheema, George Mason Univ, Fairfax, VA; Tejas H Patel, Drexel Univ, Philadelphia, PA

Poster Board Number P271 / Presentation Number W P271
Does Cognitive Function Improve After Intracranial Artery Angioplasty And Stenting?: A Prospective, Controlled Study
Joo Y Kwon, Young S Han, Jee Y Kim, Dong-Wha Kang, Sun U Kwon, Dae C Suh, Jong S Kim, Dept of Neurology, Univ of Ulsan Coll of Med, Asan medical center, Seoul, Korea, Republic of

Poster Board Number P272 / Presentation Number W P272
Utility Of Final Infarct Volume As Predictor Of Functional Outcome After Endovascular Stroke Treatment
Syed F Zaidi, Amin Aghaebrahim, Mouhammad A Jumma, Oana V Spatharou, Maxim D Hammer, Vivek K Reddy, Lawrence R Wechsler, Michael Horowitz, Tudor G Jovin, UNIVERSITY OF PITTSBURGH, Pittsburgh, PA

Poster Board Number P273 / Presentation Number W P273
Stenting Angioplasty In The Treatment Of Venous Sinus Stenoses: clinical And Angiographic Outcome In 34 Patients
Xunming JI Yan WU Jian CHEN, Xuanwu Hosp, Capital Medical Univ, Beijing, China
Nursing Symposium Posters I

Poster Board Number P274 / Presentation Number W P274
Usability Testing the Self-Management TO Prevent Stroke Tool
Jane Anderson, Kimmel Barbara, Michael E DeBakey VA Medical Ctr, Houston, TX; Scott Russell, Adam Neddo, Josh Robinson, Roudebush VA Medical Ctr, Indianapolis, IN; Mahesh Merchant, Roudebush VA Medical Ctr, Indianapolis, IN

Poster Board Number P275 / Presentation Number W P275
Stroke Patient Education Tools Increase Nursing Compliance and Documentation of Stroke Patient Education
Kathleen Furlong, Deborah M Mastrolia, Hoag Hosp, Newport Beach, CA

Poster Board Number P276 / Presentation Number W P276
Cerebrovascular Risk Factors are Different in Patients with Ischemic and Hemorrhagic Stroke in Northeastern Brazil
Monique B Alves Jr, Hosp Israelita Albert Einstein, São Paulo, Brazil; João J Carvalho, Hosp Geral de Fortaleza, Fortaleza, Brazil; Gisele S Silva, Hosp Israelita Albert Einstein, São Paulo, Brazil; Cicero B Machado, Secretaria da Saúde do Estado do Ceará, Fortaleza, Brazil; Georgiana A Viana, Bento F Santos, Hosp Israelita Albert Einstein, São Paulo, Brazil

Poster Board Number P277 / Presentation Number W P277
Stroke: Bridging the Gap Between Knowledge and Practice
Katie M Wright, Judy Westerl, Aultman Hosp, Canton, OH

Poster Board Number P278 / Presentation Number W P278
System Standardization of Dysphagia Assessment Education Increases Compliance with Acute Stroke Patients
Julie Fussner, Erin Supan, Leigh Ann McCartney, Univ Hosp Case Medical Ctr, Cleveland, OH; Melissa Richardson, Univ Hosp Geauga Medical Ctr, Chardon, OH; Christine Garrett, Univ Hosp Bedford Medical Ctr, Bedford, OH; Cathy Sili, Univ Hosp Case Medical Ctr, Cleveland, OH

Poster Board Number P279 / Presentation Number W P279
Initial NIHSS and Timely t-PA Predicts 3 Month Disability
Linda Catalli, Regional Medical Ctr San Jose, San Jose, CA; David Pickham, Regional Medical Ctr San Jose; Univ of California, San Francisco, San Jose, CA; Raul Guisado, Regional Medical Ctr San Jose, San Jose, CA

Poster Board Number P280 / Presentation Number W P280
Community-acquired Pneumonia In Acute Ischemic Stroke
Debora C Mariano-Gambaro, Daniela Morales, Aline M Franco, Larissa A Silva, Taiza E Santos-Pontelli, Ilana V Werneck, Daniel G Abud, João P Leite, Octavio M Pontes-Neto, Stroke Service, Univ of Sao Paulo, Ribeirão Preto, SP, Brazil

Poster Board Number P281 / Presentation Number W P281
Maximizing Subject Follow-Up by Minimizing the Number of Cooks in the Kitchen
Lenis Sosa, Rebecca E Martinez, Loren Shen, Nusrat Harun, Rick Sline, Navdeep Sangha, Tzu-Ching Wu, Hari Indupuru, Vivek Misra, Amrou Sarraj, Susan Alderman, Mary Jane Hess, Tonita Fontenot, Ramy El Khoury, Mallikarjunarao Kasam, William Hicks, Preeti Sahota, Andrew Barretto, James Grotta, Sean Savitz, George Lopez, Nicole Gonzales, Univ of Texas Health Science Ctr- Houston, Houston, TX

Poster Board Number P282 / Presentation Number W P282
The Effectiveness of Four Translation Strategies on Nurses’ Adoption of an Evidence-Based Bladder Protocol
Jamey S Frasure, Univ of Cincinnati, Cincinnati, OH

Poster Board Number P283 / Presentation Number W P283
Preserving Patient Safety During Handoffs for Acute Stroke Patients that Receive Alteplase
Kimberly Gray, Susan Hickenbottom, St Joseph Mercy Hosp, Ypsilanti, MI

Poster Board Number P284 / Presentation Number W P284
Implementation of the American Stroke Association Sharegiver Program (Peer Support)
Teresa M Damush, Indiana Univ Sch of Med/VA Stroke QUERI, Indianapolis, IN; Jane Anderson, Houston VAMC, Houston, TX; Gloria Nicholos, Indiana Univ Sch of Med/VA Stroke QUERI, Indianapolis, IN; Barbara Kimmel, Houston VAMC, Houston, TX; Thomas Kent, Baylor Coll of Med/Houston VAMC, Houston, TX; Linda S Williams, VA Stroke QUERI, Indianapolis, IN

Poster Board Number P285 / Presentation Number W P285
Early Mobilization of Ischemic Stroke Patients post-Intravenous TPA Infusion
Lesia Mooney, Scott Arnold, Olivia Chavez, William David Freeman, James Meschia, Mayo Clinic Florida, Jacksonville, FL

Poster Board Number P286 / Presentation Number W P286
Efficacy of Health Education
ESTELA SANJUAN, Eva M Garcia-Vega, Pilar Sanchez-Camacho, Rosa Suñer, HOSPITAL UNIVERSITARIO DR JOSEP TRUETA DE GIRONA, GIRONA, Spain

Poster Board Number P287 / Presentation Number W P287
Can Clinical Presentation Provide Clues to Conversion Disorder in Code Stroke Patients? A Descriptive Analysis of Clinical Findings
Mary K Brethour, Huntsville Hosp and UAB, Huntsville, AL; Anne V Alexandrov, UAB, Birmingham, AL

Poster Board Number P288 / Presentation Number W P288
Reducing Urinary Tract Infections in Stroke Patients Using Bladder Scanning technology and Nurse Managed Algorithms
Millie Hepburn, Sara Andrew, Sherin Joseph, Karen Mansfield, Suzanna Horvath, Columbia Univ Medical Ctr, New York, NY

Poster Board Number P289 / Presentation Number W P289
Intensive Nursing Education and Monitoring Significantly Improve Compliance to Vital Sign and Neuro-check Documentation After Intravenous Thrombolysis in Acute Ischemic Stroke
Jack Protetch, Amanda Riemer, Vicki Cohen, Angela Costa, Roger Hunter, Janette Yanko, Ashis H Tayal, Allegheny General Hosp, Pittsburgh, PA

Poster Board Number P290 / Presentation Number W P290
The Impact of Concurrent Review on Stroke Center Measures at The Miriam Hospital
Jason T Machan, Celia Gomes Mcgillivray, The Miriam Hosp, Providence, RI

Poster Board Number P291 / Presentation Number W P291
In-house Stroke Code Team Leads To Quicker Assessment, Evaluation And Treatment Of Acute Strokes
Sheila Erickson, Tracy Plume, Gail Lighthizer, Erin Ward, Sharp Grossmont Hosp, La Mesa, CA
Prognostic Value of Silent Brain Infarcts and Leukoaraiosis Following First-Ever Ischemic Stroke in Young Adults
Jukka Putaat, Elena Haapaniemi, Minna Kurkinen, Helsinki Univ Central Hosp, Helsinki, Finland; Olli Salonen, Helsinki Medical Imaging Ctr, Helsinki Univ Central Hosp, Helsinki, Finland; Markku Kaste, Turgut Tatlisumak, Helsinki Univ Central Hosp, Helsinki, Finland

Patterns of Antihypertensive Medication use and Persistence in Stroke patients
DaiWai Olson, Duke Univ, Durham, NC; Cheryl Bushnell, Wake Forest Univ, Winston Salem, NC; Margueritte Cox, Eric Peterson, Duke Univ, Durham, NC

Effect of Medications on Outcome after Ischemic Stroke
Brett M Kissela, Heidi Sucharew, Kathleen Alwell, Charles J Moomaw, Daniel Woo, Pooja Khatri, Matthew L Flaherty, Opeolu Adeoye, Samir Belagaje, Simona Ferioli, Joseph P Broderick, Dawn Kleindorfer, Christopher J Lindsell, Univ of Cincinnati, Cincinnati, OH

Early And Late Recurrence After Ischemic Stroke; What Is the Difference?
Nayoung Kim, Soo Hyun Park, Mi Hwa Yang, Myung Suk Jang, Chang Wan Oh, Sang Yun Kim, Moon-Ku Han, Seoul Natl Univ Bundang Hosp, Seongnam-si, Korea, Republic of; Wook-Joo Kim, Ulsan Univ Hosp, Ulsan-si, Korea, Republic of; Youngchae Ko, Euiji Univ Hosp, Daejeon-si, Korea, Republic of; Jung-Hyun Park, Dongguk Univ Gyeongsan Hosp, Gyeongju-si, Korea, Republic of; Kyung Bok Lee, Soonchunhyang Univ Hosp, Seoul-si, Korea, Republic of; Hee-Joon Bae, Seoul Natl Univ Bundang Hosp, Seongnam-si, Korea, Republic of

Why do Ischemic Stroke Patients get Readmitted?
Pratik Bhattacharya, Deependra Khanal, Ramesh Madhavan, Seemant Chaturvedi, WAYNE STATE UNIVERSITY, Detroit, MI

Clinical-Radiological Severity Mismatch Phenomenon: Patients with Severe Neurological Deficits without Matching Infarction on Computed Tomographic Scan
Adnan I Qureshi, M Fareed K Suri, Mustapha A Ezzeddine, Zeenat Qureshi Stroke Res Ctr, Univ of Minnesota, Minneapolis, MN

Validation of a Model Predicting Post-stroke Outcomes
Brett M Kissela, Univ of Cincinnati, Cincinnati, OH; Heidi Sucharew, Cincinnati Children's Hosp, Cincinnati, OH; Kathleen Alwell, Charles J Moomaw, Daniel Woo, Pooja Khatri, Matthew L Flaherty, Opeolu Adeoye, Univ of Cincinnati, Cincinnati, OH; Samir Belagaje, Simona Ferioli, Joseph P Broderick, Univ of Cincinnati, Cincinnati, OH; Jane Khoury, Cincinnati Children's Hosp, Cincinnati, OH; Dawn Kleindorfer, Christopher J Lindsell, Univ of Cincinnati, Cincinnati, OH
Poster Board Number P308 / Presentation Number W P308
Home Thrombolytic Therapy: A Validation Study Of Home Time As An Outcome Measure
Nishant Kumar Mishra, Western Infirmary and Faculty of Med, Univ of Glasgow, Glasgow, United Kingdom; Ashfaq Shuaib, Dept of Neurology, Stroke Program, University of Alberta, AB, Canada; Patrik Lyden, Dept of Neurology, Cedars-Sinai Medical Ctr, 8730 Alden Drive, Thalians E-240, Los Angeles, CA; Hans-Christoph Diener, Dept of Neurology, Univ Duisburg-Essen, Hufelandstr 55, 45122, Essen, Germany; James Grotta, Dept of Neurology, Univ of Texas Health Science Ctr, 6431, Fannin Street, MSB 7044, Houston, TX; Stephen Davis, Dept of Neurology, Royal Melbourne Hosp, Univ of Melbourne, Parkville Vic Australia 3050, Melbourne, Australia; Antonio Davalos, Dept of Neurosciences, Hosp Univier Germans Trias, Univ Autònoma de Barcelona, Ctra Canyet s/n, 08916 Badalona, Barcelona, Spain, Barcelona, Spain; Tim Ashwood, AstraZeneca R&D Clinical Neuroscience, S-151 85 Södertälje, Sweden, Södertälje, Sweden; Warren Wasiewski, InfaCare Pharmaceutical Corp & Neshaminy Interplex, Suite 221, Trevose, PA; Kennedy Lees, Western Infirmary and Faculty of Med, Univ of Glasgow, Glasgow, United Kingdom; SAINT I trialists

Poster Board Number P309 / Presentation Number W P309
Return Home: A Practical Measure of IV-IPA Efficacy
Don B Smith, Colorado Neurological Inst, Englewood, CO; Paul Murphy, Colorado Stroke Alliance, Denver, CO; William Jones, Ethan Cumbler, Univ of Colorado, Aurora, CO

Poster Board Number P310 / Presentation Number W P310
Concurrent Validity of the National Stroke Project Stroke Severity Score
Nada El Husseini, Larry B Goldstein, Duke Univ Hosp, Durham, NC

Poster Board Number P311 / Presentation Number W P311
Reliability and Validity of Proxy Derived Modified Rankin Scale Assessment
Kate S McArthur, Institutue of Cardiovascular and Medical Sciences, Univ of Glasgow, Glasgow, United Kingdom; M L Beagan, A Degnan, R C Howarth, K A Mitchell, F B McQuaige, M A Shannon, Undergraduate Medical Sch, Univ of Glasgow, Glasgow, United Kingdom; Terence J Quinn, Inst of Cardiovascular and Medical Sciences, Univ of Glasgow, Glasgow, United Kingdom

Poster Board Number P312 / Presentation Number W P312
Reliability and Validity of a translated Modified Rankin Scale Assessment – a pilot study in Mandarin and English
Kate McArthur, Inst of Cardiovascular and Medical Sciences, Univ of Glasgow, Glasgow, United Kingdom; Haiying Xing, Dept of Neurology, Peking Univ First Hosp, Beijing, China; Terrence Quinn, Jesse Dawson, Matthew R Walters, Inst of Cardiovascular and Medical Sciences, Univ of Glasgow, Glasgow, United Kingdom; Wei Sun, Weiping Sun, Quing Peng, Dept of Neurology, Peking Univ First Hosp, Beijing, China; Peter Higgins, Inst of Cardiovascular and Medical Sciences, Univ of Glasgow, Glasgow, United Kingdom; Yining Huang, Dept of Neurology, Peking Univ First Hosp, Beijing, China; Kennedy R Lees, Inst of Cardiovascular and Medical Sciences, Univ of Glasgow, Glasgow, United Kingdom

Poster Board Number P313 / Presentation Number W P313
Comparison of Healthy Life Years Lost due to Stroke between two patient-centered metrics derived from Patients’ Preference vs Experts’ Consensus
Junyoung Lee, Coll of Med, Korea Univ, Seoul, Korea, Republic of; Jeffrey Saver, Univ of California Los Angeles, Los Angeles, CA

Poster Board Number P314 / Presentation Number W P314
Quality Of Life After Stroke And Its Correlation With Severity Of Impairment And Functional Status
Irene Katzan, Eric Novak, Nancy Obuchowski, Michael Modic, CLEVELAND CLINIC FOUNDATION, Cleveland, OH

Poster Board Number P315 / Presentation Number W P315
Depression After Stroke – Association With Patient Characteristics And Functional Status
Irene Katzan, Eric Novak, Johanna Morton, Kay Bielawski, Michael Modic, CLEVELAND CLINIC FOUNDATION, Cleveland, OH

Poster Board Number P316 / Presentation Number W P316
The Psychosocial Impact of Stroke on Patients and their Primary Family Caregivers: The Caring for Adults Recovering from the Effects of Stroke (CARES) Project
David L Roth, Univ of Alabama at Birmingham, Birmingham, AL; William E Haley, Univ of South Florida, Tampa, FL; Olivia J Clay, Virginia G Walley, George Howard, Univ of Alabama at Birmingham, Birmingham, AL

Poster Board Number P317 / Presentation Number W P317
Acute Stroke Mortality as a Measure of Program Quality: Does Unadjusted Mortality Rate Paint a Clear Quality Picture for Public Reporting?
Anne W Alexandrov, Kara Sands, Kristian Barlinn, Tiffany Pineada, Michael Lyerly, Luis F Cava, Daniel K Vrazen, Alex Jernigan, Hayden Long, Mark Harrigan, Andrei V Alexandrov, Karen C Albright, Univ of Alabama at Birmingham, Birmingham, AL

Poster Board Number P318 / Presentation Number W P318
Challenges in Assessing Hospital level Stroke Mortality As a Quality Measure: Association of Ischemic, Hemorrhagic or Total Hospital Stroke Mortality Rates
Ying Xian, Wengin Pan, Duke Clinical Res Inst, Durham, NC; Robert G Holloway, Univ of Rochester, Rochester, NY; Eric D Peterson, Duke Clinical Res Inst, Durham, NC

Poster Board Number P319 / Presentation Number W P319
Weekend versus Weekday Admission and Mortality for Acute Ischemic Stroke
James S McKinney, Yingzi Deng, UMDNJ - RWJMS, New Brunswick, NJ; Scott E Kasner, Univ of Pennsylvania, Philadelphia, PA; John B Kostis, UMDNJ - RWJMS, New Brunswick, NJ

Poster Board Number P320 / Presentation Number W P320
Mortality Due to Stroke in Da Nang, Vietnam
Annette L Fitzpatrick, Univ of Washington, Seattle, WA; Quang V Ngo, Ministry of Health, Da Nang, Viet Nam; Kiet A Ly, Thanh G Ton, David L Tirschwell, W T Longstreth Jr, Univ of Washington, Seattle, WA; Tung T Vo, Chien H Pham, Ministry of Health, Da Nang, Viet Nam

Poster Board Number P321 / Presentation Number W P321
Neurological Morbidity And Mortality Following Attendance At A Transient Ischaemic Attack Clinic
Jesse Dawson, Alan C Cameron, Matthew R Walters, Terence J Quinn, Kate S McArthur, Kennedy R Lees, Inst of Cardiovascular and Medical Sciences, Univ of Glasgow, Glasgow, United Kingdom
Poster Board Number P322 / Presentation Number W P322
TIA Clinic Triage Strategy Reduces the Cost of TIA Evaluation

Poster Board Number P323 / Presentation Number W P323
Brain Magnetic Resonance Imaging is Utilized in Less than One-third of Admitted Transient Ischemic Attacks Patients in the United States
Shyam Prabhakaran, Maggie McNulty, Bichun Ouyang, Rush Univ Medical Ctr, Chicago, IL

Poster Board Number P324 / Presentation Number W P324
One Year Outcomes of Acute Ischemic Stroke and TIA Patients undergoing CT- versus MRI- based Evaluations: A Retrospective Comparison
Hebah M Hefzy, Henry Ford Hosp, Detroit, MI; Elizabeth Neil, Univ of Cincinnati, Cincinnati, OH; Patricia Penstone, Meredith Mahan, Panayiotis Mitsias, Brian Silver, Henry Ford Hosp, Detroit, MI

Poster Board Number P325 / Presentation Number W P325
Stroke Etiology Significantly Influences Inpatient Cost
Marco Fossati-Bellani, Kamal R Shah, Tulane Univ Sch of Med, New Orleans, LA; Karen C Albright, Univ of Alabama - Birmingham, Birmingham, AL; Stephanie E Rogers, James E Siegler, Sheryl Martin-Schild, Tulane Univ Sch of Med, New Orleans, LA

Poster Board Number P326 / Presentation Number W P326
Influence Of Chads2 Score In The Severity And Prognosis Of Ischemic Strokes Due To Atrial Fibrillation
Eva Giralt-Steinhauer, Elisa Cuadrado-Godia, Jordi Jimenez-Conde, Ana Rodriguez-Campello, Sara Jimena, Miguel A Rubio, Angel Ois, Eva Garcia-Ramallo, Jaume Roquer, Hosp Del Mar, Barcelona, Spain

Poster Board Number P327 / Presentation Number W P327
Guideline Discordant Periprocedural Interruptions in Warfarin Therapy are Frequent among Patients with Atrial Fibrillation
Lesli E Skolarus, Lewis B Morgenstern, James B Froehlich, Lynda D Lisabeth, Devin L Brown, UNIV MICHIGAN, Ann Arbor, MI

Poster Board Number P328 / Presentation Number W P328
How Well do Recent Studies of AF Patients Reflect the Real World AF Patient?
Teresa A Simon, BMS, Princeton, NJ; Laurent Azoulay, Mc Gill Univ, Montreal, QC, Canada; Marc Rosenman, Regenstrief, Indianapolis, IN; Ed Ewen, Christiana Care Outcomes Res, Newark, DE; Hugh Kawabata, BMS, Plainsboro, NJ; Samy Suissa, McGill Univ, Montreal, ON, Canada

Poster Board Number P329 / Presentation Number W P329
High Rate of Enrollment of Black Subjects in Genetic Substudy of Intracerebral Hemorrhage Natural History Study
Dorothy F Edwards, Univ of Wisconsin-Madison, Madison, WI; Ravi S Menon, Georgetown Univ, Washington, DC; M Christopher Gibbons, Johns Hopkins Univ, Baltimore, MD; Latoya Forrester, Georgetown Univ, Washington, DC; Jeffery Wing, Brisa Sanchez, Univ of Michigan, Ann Arbor, MI; Ali Fokar, Nawar Shara, Medstar Res Inst, Washington, DC; Chelsea S Kidwell, Georgetown Univ, Washington, DC

Poster Board Number P330 / Presentation Number W P330
UCLA ICH Grading System is a Better Prognostic Tool for Spontaneous Intracerebral Hemorrhage When Assessed at 24 hours After the Event
Mohammad Moussavi, Daniel Korya, Akash H Patel, Rola Mahmoud, Usama Siddique, Jit H Brahmbhatt, Spozhmy Panezai, Martin Gizzi, Jawad F Kirmani, New Jersey Neuroscience Inst, Edison, NJ

Poster Board Number P332 / Presentation Number W P332
Is the Risk of Fatal Brain Edema Increased with Thrombolysis Among Patients with Acute Ischemic Stroke?
Haitham M Hussein, Saqib A Chaudhry, Ganesh Asaithamby, Ruth Thomson, Fahd Sultan, Robert A Taylor, Mustapha A Ezzeddine, Maria Dura, Naseer Siddiqui, Adnan I Qureshi, Zeneat Qureshi Stroke Res Ctr, Univ of Minnesota, Minneapolis, MN

Poster Board Number P333 / Presentation Number W P333
Older Patients are at Higher Risk for Blood-Brain Barrier Disruption Following Treatment with IV-tPA, Independent of Impaired Kidney Function
Ayush Batra, Shilee S Song, Jose G Merino, Amie W Hsia, John K Lynch, Marie Luby, Lawrence L Latour, Steven Warach, NINDS/NIH, Bethesda, MD

Poster Board Number P334 / Presentation Number W P334
Gender Moderation in the Association between Mitochondrial Uncoupling Protein Genetic Variants and Carotid Plaque
Chuanhui Dong, David Della-Morte, Ashley Beecham, Mark S McClendon, Digna Cabral, Susan H Blanton, Ralph L Sacco, Tatjana Rundek, Univ of Miami, Miami, FL

Poster Board Number P336 / Presentation Number W P336
Lobar Tissue Loss in Cerebral Amyloid Angiopathy
MAYAZ KHAN, Gregory A Dierksen, Amy Halpin, Mahmut E Gurol, Jonathan Rosand, Anand Viswanathan, David S Salat, Steven M Greenberg, Massachusetts General Hosp, Boston, MA

Poster Board Number P337 / Presentation Number W P337
Serum SDF1-A Levels Significantly Increase Following Stroke And are Associated With Increased Hematopoetic Stem Cell Mobilization

Poster Board Number P338 / Presentation Number W P338
Therapeutic Modulation of Cerebral Microbleeds in Cerebral Amyloid Angiopathy
Vitaly Vasilevko, Giselle Passos, Daniel Quiring, Mark Fisher, David H Cribbs, Univ of California Irvine, Irvine, CA

Poster Board Number P339 / Presentation Number W P339
The Novel TrkB Agonist, 7,8-Dihydroxyflavone Enhances Stem Cell Mobilization After Stroke
J MOCCO, Aqeela Afzal, Nagheme Thomas, Zuha Warrach, Brian L Hoh, Edward W Scott, Jeffery A Kleim, Univ of Florida, Gainesville, FL
Poster Board Number P340 / Presentation Number W P340
The Differential Genetic Expression in Unstable and Stable Carotid Plaques may be a Predictor of Stroke Risk
Ankur Aggarwal, Michelle Lennartz, Paul Kreienberg, Albany Medical Ctr, Albany, NY

Poster Board Number P341 / Presentation Number W P341
In Critical Care Setting Brain Natriuretic Peptide is an Unreliable Marker for Assessing Congestive Heart Failure in Acute Stroke Patients
Mohammad Moussavi, Bryan Gershon, Daniel Korya, Akash H Patel, Jit H Brahmbhatt, Subasini Dash, Daniel Rosenblat, Martin Gizzi, Jawad Kirmani, New Jersey Neuroscience Inst, Edison, NJ

Poster Board Number P342 / Presentation Number W P342
Effect of PFO Physiology on Circulatory Proteomic Profile in Ischemic Stroke Patients
MingMing Ning, Ferdinando Buonanno, CardioNeurology Clinic, Clinical Proteomics Res Ctr, Dept of Neurology, Massachusetts General Hosp / Harvard Medical Sch, Boston, MA; Michael Athenas, Dave Sarracino, Bryan Krastins, Clinical Proteomics Res Ctr, Dept of Neurology, Massachusetts General Hosp / Harvard Medical Sch, Boston, MA; Michigan State University, East Lansing, MI

Poster Board Number P343 / Presentation Number W P343
Elevated High-sensitivity C-reactive Protein in Acute Stage Cerebral Infarction Predicts Progression of Carotid Intima-media Thickness
Daiki Takano, Takashi Yamazaki, Tetsuya Maeda, Ken Nagata, Res Inst for Brain and Blood Vessels, Akita, Japan

Poster Board Number P344 / Presentation Number W P344
Tissue Plasminogen Activator Impairs Hematopoietic Stem Cell Function, Thus Potentially Limiting Stroke Recovery
Aqeela Afzal, Saeed Ansari, Univ of Florida, Gainesville, FL; Christopher P Kellner, Univ of Columbia, New York, NY; Sergei A Nosov, Columbia Univ, New York, NY; Brian L Hoh, Edward W Scott, Univ of Florida, Gainesville, FL; E Sander Connolly, Columbia Univ, New York, NY; J Mocco, Univ of Florida, Gainesville, FL

Poster Board Number P345 / Presentation Number W P345
Higher Coated-platelet Levels are Associated with Stroke Recurrence Following Non-lacunar Brain Infarction
Calin Prodan, Julie A Stoner, Linda D Cowan, George L Dale, Univ of Oklahoma, Oklahoma City, OK

Poster Board Number P346 / Presentation Number W P346
Coated-platelet Levels are Elevated in Patients with Transient Ischemic Attack Compared to Controls
Calin I Prodan, Univ of Oklahoma, Oklahoma City, OK; Andrea Vincent, Univ of Oklahoma, Norman, OK; George L Dale, Univ of Oklahoma, Oklahoma City, OK

Poster Board Number P347 / Presentation Number W P347
Peroxynitrite disrupts cerebrovascular actin cytoskeleton and reduces myogenic reactivity in diabetes after oxygen-glucose deprivation
Aisha Kelly-Cobb, Medical Coll of Georgia, Augusta, GA; Roshini Prakash, Univ of Georgia Coll of Pharmacy, Augusta, GA; Weiguo Li, Adiyve Ergul, Medical Coll of Georgia, Augusta, GA

Poster Board Number P348 / Presentation Number W P348
Cigarette smoke induces oxidative stress and phenotypic modulation in cerebral vascular smooth muscle cells
H Kwang Yeoh, Thomas Jefferson Univ, Philadelphia, PA; Brian J Titus, Gary K Owens, Univ of Virginia, Charlottesville, VA; Robert H Rosenwasser, Aaron S Dumont, Thomas Jefferson Univ, Philadelphia, PA

Poster Board Number P349 / Presentation Number W P349
Mechanisms of natural vitamin E, alpha-tocotrienol, in pial collateral recruitment and remodeling during acute ischemic stroke
Laura A Peterson, Cameron L Rink, Savita Khanna, Mallory Heigel, Chanda K Sen, Ohio State Univ, Columbus, OH

Poster Board Number P350 / Presentation Number W P350
The protective effect of spironolactone on cerebral ischemia/reperfusion injury in nicotine exposed mice
Nikola Slobodjevic, Svetlana M Stamatovic, Bertram Pitt, Richard F Keep, Anuska V Andjeljovic, Univ of Michigan, Ann Arbor, MI

Poster Board Number P351 / Presentation Number W P351
Plasma aldosterone increases rapidly after cerebral ischemia with reperfusion injury
Anne M Dorrance, MICHIGAN STATE UNIVERSITY, East Lansing, MI

PROFESSOR-LED POSTER TOURS BY CATEGORY SESSION II
THURSDAY, FEBRUARY 10
5:45 PM – 6:15 PM

Acute Noninterventional Treatment Moderated Poster Tour II
SECTION 1
Moderator: TBD
Poster Board Number MP1 / Presentation Number Th MP1
Response to Intravenous Thrombolysis for Acute Ischemic Stroke in patients with Reduced Cardiac Ejection Fraction
Vivek Misra, Nusrat Harun, Melvin Sline, Andrew D Barreto, George A Lopez, Nicole R Gonzales, James C Grotta, Sean I Savitz, UT MED SCHOOL AT HOUSTON, Houston, TX

Poster Board Number MP2 / Presentation Number Th MP2
Safety And Outcome of IV Thrombolysis in Patients with Acute Stroke Treated in the 3-45 h Window Who Would Have Been Excluded From The ECASS III Trial
abeer B farrag, Preeti Sahota, James Grotta, Sean I Savitz, Univ of Texas, Houston, TX
Negative CT in Witnessed Onset Acute Ischemic Stroke Patients is Not a Reliable Indicator for Early Stroke Onset
Shlee S Song, Lawrence L Latour, Marie Luby, NIH- Stroke Branch, Bethesda, MD; Ona Wu, Athinoula A Martinos Ctr, Dept of Radiology, Massachusetts General Hosp, Charlestown, MA; Julio A Chalela, Medical Univ of South Carolina, Charleston, SC; John A Butman, NIH Clinical Ctr, Bethesda, MD; Andrew M Demchuk, Michael D Hill, Univ of Calgary, Alberta, AB, Canada; Nicholas Patronas, NIH Clinical Ctr, Bethesda, MD; Steven Warach, NIH- Stroke Branch, Bethesda, MD

Risk Factors for Symptomatic Intracranial Hemorrhage After Intravenous Thrombolysis for Acute Stroke
Crystal T Wong, Oana Sapataru, Darren Lepere, Tudor G Jovin, Syed F Zaidi, Lori Massaro, Maxim D Hammer, Vivek Reddy, Lawrence R Wechsler, Mohamad A Jumaa, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA

Early Predictors and Therapeutic Strategies in Patients with Progressive-Type Lacunar Infarction: A Prospective, Multi-Centered, Observational Study
Hiroshi Moriwaki, Hitoshi Niki, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Yasumasa Yamamoto, Kyoto 2nd Red-Cross Hosp, Kyoto, Japan; Yasuhiro Manabe, Natl Okayama Med Ctr, Okayama, Japan; Hiroyuki Nishimura, Nishinomiya Kyroritsu Neurosurgery Hosp, Nishinomiya, Japan; Norifumi Metoki, Hiroaki Stroke Ctr, Hiroaki, Japan; Shigeharu Takagi, Takai Univ Hosp, Isehara, Japan; Ban Mihara, Mihara Memorial Hosp, Isezaki, Japan; Kazuyuki Nagatsuka, Hiroaki Naitomi, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; STOP-BAD Group

Outcomes Of t-PA Use In Octogenarians
William P Neil, Rema Raman, Karin Ernstrom, Thomas M Hemmen, Univ of San Diego Medical Ctr, San Diego, CA

Aneurysm Moderated Poster Tour II  Th MP7 – Th MP12

Moderator:  Muhammad S Hussain, MD, FRCP, Cleveland, OH

Why There Are So Many Small Ruptured Intracranial Aneurysms?
Y Jonathan Chang, The Methodist Neurological Inst, Houston, TX

Hemodynamic-Morphologic Discriminants for Intracranial Aneurysm Rupture
Sabarreesh K Natarajan, Jianping Xiang, Markus Tremmel, Ding Ma, Univ at Buffalo-SUNY, Buffalo, NY; J Mocco, Univ of Florida, Gainesville, FL; L N Hopkins, Adnan H Siddiqui, Elad I Levy, Hui Meng, Univ at Buffalo-SUNY, Buffalo, NY

In Vitro Quantification of the Size Distribution of Intrasaccular Voids Left after Endovascular Coiling of Cerebral Aneurysms
Mohammad A Aziz-Sultan, Univ Of Miami, Miami, FL; Chander Sadasivan, Jeremy Brownstein, Bhumika Patel, Stony Brook Univ, Stony Brook, NY; Enrique Puig, Kenneth Fernandez Prada, Audrey Rakian, Hamad Farhat, Mohamed S Elhammady, Qing Hao, Asher L Trager, Univ of Miami, Miami, FL; Henry H Woo, David J Fiorella, Baruch B Lieber, Stony Brook Univ, Stony Brook, NY

Efficacy, Durability and Cost of Stent Assisted Coiling of Unruptured Intracranial Aneurysms Compared to Coiling and Clipping
Jennifer A Frontera, Joseph Moatti, Henry Moyle, Kenneth de los Reyes, Stephen McCullough, Joshua B Bederson, Aman Patel, MOUNT SINAI SCHOOL OF MEDICINE, New York, NY

The Effect of Tissue Plasminogen Activator on Hemorrhage Rate in Ischemic Stroke Patients with Aneurysms, a Case Series Report
Christopher V Fanale, Alessandro Orlando, Kathryn A Leonard, Kristin M Salottolo, David Bar-Or, Swedish Medical Ctr, Englewood, CO

In Vitro Evaluation of a Novel Hyper-Elastic Thin Film Nitinol Covered Stent for the Treatment of Intracranial Aneurysms
Collin P Kealey, UCLA, Los Angeles, CA; Haimeth H Babiker, Arizona State Univ, Tempe, AZ; Youngjae Chun, Steve Lin, KP Mohanchandra, David A Rigberg, Greg P Carman, Dan S Levi, UCLA, Los Angeles, CA; David H Frakes, Arizona State Univ, Tempe, AZ

Basic and Translational Neuroscience of Stroke Recovery Moderated Poster Tour II  Th MP13 – Th MP18

SECTION 3
Moderator:  S Thomas Carmichael, Jr, MD, PhD, Los Angeles, CA

Neurovascular Unit Remodeling During Recovery Involves Matrix Metalloproteinases In Ischemic Rat Brain
Yi Yang, Jeffrey F Thompson, Jeff W Hill, Thera A Mcavery, Eduardo Y Estrada, Victor M Salayandia, Gary A Rosenberg, Univ of New Mexico, Albuquerque, NM

Deficiency Of Metalloprotease ADAMTS13 Aggravates Brain Injury and Inflammation in a Murine Model of Experimental Stroke
Mohammad M Khan, Neelam Chauhan, Chintan Gandhi, Steven R Lentz, Anil K Chauhan, Univ of Iowa, Iowa, IA

RNAi-mediated Knockdown of Injury-induced Prokineticin 2 And Its Effects On Neuron Death
Michelle Y Cheng, Collin Culbertson, Alex G Lee, Nathan Manley, Guohua Sun, Gary K Steinberg, Robert M Sapolsky, Stanford Univ, Stanford, CA

Let 7f microRNA As A Therapeutic Target Following Stroke In Female Rats
Amutha Selvamani, Texas A&M Health Science Ctr, College Station, TX; Pratheesh Sathyan, The Univ of Texas MD Anderson Cancer Ctr, Houston, TX; Rajesh Miranda, Farida Sohrabji, Texas A&M Health Science Ctr, College Station, TX

Activation of Synaptic NMDA Receptors During Reperfusion Provides Protection against Oxygen and Glucose Deprivation
VERONICA GUIRAO, Fundació d’Investigació en Ciencies de la Salut Germans Trias i Pujol, Badalona, Spain; ANTONIO DAVALOS, Fundació d’Investigació en Ciencies de la Salut Germans Trias i Pujol/ Hosp Univri Germans Trias i Pujol, Badalona, Spain; TERESA GASULL, Fundació d’Investigació en Ciencies de la Salut Germans Trias i Pujol, Badalona, Spain
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| **Poster Board Number MP19 / Presentation Number Th MP19** | A Polymorphism In Raptor Is Associated With Moyamoya Disease In The East Asian Populations  
Yohei Mineharu, Gene Therapeutics Res Inst, Cedars-Sinai Medical Ctr, Los Angeles, CA; Liu Wanyang, Hirokuni Hashikata, Kayoko Inoue, Norio Matsuura, Hatasu Kobayashi, Kyoto Univ Graduate Sch of Med, Kyoto, Japan; Ken-ichiro Kikuta, Univ of Fukui, Yoshida, Japan; Yasushi Takagi, Fukui Red Cross Hosp, Fukui, Japan; Toshiaki Hitomi, Kyoto Univ Graduate Sch of Med, Kyoto, Japan; Nobuo Hashimoto, Osaka Carviovacular Ctr, Osaka, Japan; Susumu Miyamoto, Akio Koizumi, Kyoto Univ Graduate Sch of Med, Kyoto, Japan  

**Poster Board Number MP20 / Presentation Number Th MP20** | Antihypertensive treatment and stroke risk in a general population: The Akita Stroke Onset Registry  
Manabu Izumi, Jichi Medical Univ, Shimotsuke City, Japan; Kazuo Suzuki, Res Inst for Brain and Blood Vessels-Akita, Akita City, Japan; Tetsuya Sakamoto, Akita Kumiai General Hosp, Akita City, Japan; Masato Hayashi, Hiraka General Hosp, Yokote City, Japan  

**Poster Board Number MP21 / Presentation Number Th MP21** | Paradoxic Longevity in Obese Patients with Intracerebral Hemorrhage  
Beom Joon Kim, Seung-Hoon Lee, Wi-Sun Ryu, Chi Kyung Kim, Seoul Natl Univ Hosp, Seoul, Korea, Republic of; JiSun Lee, Korea Univ, Seoul, Korea, Republic of; Byung-Woo Yoon, Seoul Natl Univ Hosp, Seoul, Korea, Republic of  

**Poster Board Number MP22 / Presentation Number Th MP22** | Thrombocytopenia and the Risk of In-hospital Mortality among Ischemic Stroke Patients  
Michael Phipps, Jason J Sico, YALE UNIVERSITY SCHOOL OF MEDI, New Haven, CT; Dawn M Bravata, Richard L Roudebush VA Medical Ctr, Indianapolis, IN  

**Poster Board Number MP23 / Presentation Number Th MP23** | Stroke Messaging: Are We FAST Enough?  
Stephen M Davis, Diana Martinelli, Kyle Kutrovac, Lucas Heller, Todd Crocco, Hollynn Larrabee, West Virginia Univ, Morgantown, WV  

**Poster Board Number MP24 / Presentation Number Th MP24** | Sustained Increases in Community Awareness of Stroke Signs and Symptoms and Use of 911 Using a Staged Media Campaign  
Michael McNamara, Crystelle Fogle, Carrie Oser, Dorothy Gohdes, Todd Harwell, Steve Helgerson, Montana Dept of Public Health, Helena, MT; Nicholas Okon, Providence, Portland, OR; Dennis Dietrich, Benefis, Great Falls, MT; Dan Rodriguez, Neurologist, Billings, MT  

**Poster Board Number MP25 / Presentation Number Th MP25** | Brain Natriuretic Peptide Predicts Functional Outcome In Ischemic Stroke  
Natalia S Rost, Alessandro Biffi, Lisa Cloonan, Massachusetts General Hosp, Boston, MA; Peter J Kelly, Mater Univ Hosp, Dublin, Ireland; David Greer, Yale-New Haven Medical Ctr, New Haven, CT; Patrick T Ellinor, Karen L Furie, Massachusetts General Hosp, Boston, MA  

**Poster Board Number MP27 / Presentation Number Th MP27** | Cerebral Blood Volume Gradient Maps Depict Vulnerability to Hemodynamic Failure and Infarct Growth in Acute Ischemic Stroke  
David S Liebeskind, Fabien Scalzo, Qing Hao, Jeffry R Alger, Xiao Hu, UCLA, Los Angeles, CA; for the UCLA Collateral Investigators  

**Poster Board Number MP28 / Presentation Number Th MP28** | Hyperacute Levels of High Sensitivity C-Reactive Protein are Associated with Mean Transit Time and Diffusion-Weighted Imaging Volumes and Improve Outcome Prediction in Acute Ischemic Stroke  
Svetlana Lorenzano, Natalia S Rost, Hua Li, Alona Muzikansky, Gordon J Harris, Michael H Lev, Massachusetts General Hosp, Boston, MA; Steven K Keske, Brigham and Women's Hosp, Boston, MA; Michael K Parides, Mount Sinai Sch of Med, New York, NY; Rebecca Betensky, Harvard Sch of Public Health, Boston, MA; Ona Wu, Fabricio O Lima, Leonardo Batista, Ahmad Bayrlee, Lauren M Nentwich, Matthew B Maas, Aurauma Chutinet, Massachusetts General Hosp, Boston, MA; Danilo Toni, La Sapienza Univ, Rome, Italy; Karen L Furie, Massachusetts General Hosp, Boston, MA  

**Poster Board Number MP29 / Presentation Number Th MP29** | Discovery of a New Panel of Blood Biomarkers to Differentiate Acute Stroke from Stroke-Mimicking Conditions  
Joan Montaner, Anna Penalba, Neurovascular Res Lab, Vall d'Hebron Res Inst, UAB, Barcelona, Spain; Pilar Chacon, Lipids Unit, Biochemical Dept, Vall d'Hebron Hosp, Barcelona, Spain; Pilar Delgado, Anna Rosell, Neurovascular Res Lab, Vall d’Hebron Res Inst, UAB, Barcelona, Spain; Marc Ribó, Neurology Dept, Vall d’Hebron Hosp, Barcelona, Spain; Dolors Giralt, Neurovascular Res Lab, Vall d’Hebron Res Inst, UAB, Barcelona, Spain; Manolo Quintana, Alan Flores, Neurology Dept, Vall d’Hebron Hosp, Barcelona, Spain; Teresa Garcia-Berrocoso, Cris Boada, Neurovascular Res Lab, Vall d’Hebron Res Inst, UAB, Barcelona, Spain; Carlos Molina, Neurology Dept, Vall d’Hebron Hosp, Barcelona, Spain; Israel Fernandez-Cadenas, Neurovascular Res Lab, Vall d’Hebron Res Inst, UAB, Barcelona, Spain; Jose Alvarez-Sabin, Neurology Dept, Vall d’Hebron Hosp, Barcelona, Spain  

**Poster Board Number MP30 / Presentation Number Th MP30** | Hyperacute Matrix Metalloproteinase-9 Levels Predicts Infarct Volume and Stroke Outcome  
Svetlana Lorenzano, Natalia S Rost, Hua Li, Ken Ara, Sophia Hartdegen, Alona Muzikansky, Massachusetts General Hosp, Boston, MA; Michael K Parides, Mount Sinai Sch of Med, New York, NY; Rebecca Betensky, Harvard Sch of Public Health, Boston, MA; Ona Wu, Fabricio O Lima, Leonardo Batista, Ahmad Bayrlee, Lauren M Nentwich, Matthew B Maas, Aurauma Chutinet, Angel T Som, Loc-Duyen D Pham, Massachusetts General Hosp, Boston, MA; Danilo Toni, La Sapienza Univ, Rome, Italy; Karen L Furie, Massachusetts General Hosp, Boston, MA
SECTION 6

Moderator: William Meurer, MD, Ann Arbor, MI

Poster Board Number MP31 / Presentation Number Th MP31
Incorporating Smartphone Teleradiology Application into a Telesstroke Network Environment
Bart M Demaerschalk, Jason E Vargas, Dwight D Channer, Brie N Noble, Terri-Ellen J Kiernan, Elizabeth A Gleason, Bert B Vargas, Timothy J Ingall, Maria I Aguilar, David W Dodick, Mayo Clinic, Phoenix, AZ; Bentley J Bobrow, Arizona Dept of Health Services and Maricopa Medical Ctr, Phoenix, AZ; STARR Trial Investigators

Poster Board Number MP32 / Presentation Number Th 32
The Addition of CT Imaging to the ABCD2 Score Improves the Ability to Identify Individuals at Medium and High Risk of Stroke
Jason K Wasserman, Univ of Ottawa, Ottawa Hosp Res Inst, Ottawa, ON, Canada; Jeff J Perry, Dar Dowlatshahi, Grant Stotts, The Ottawa Hosp, Ottawa Hosp Res Inst, Ottawa, ON, Canada; Marco Sivilotti, Queens Univ, Dept Emergency Med, Kingston, ON, Canada; Andrew Worster, McMaster Univ, Dept Emergency Med, Hamilton, ON, Canada; Marcel Emond, Laval Univ, Dept Emergency Med, Quebec, QC, Canada; Jane Sutherland, Ottawa Hosp Res Inst, Ottawa, ON, Canada; Ian Stiell, Mukul Sharma, The Ottawa Hosp, Ottawa Hosp Res Inst, Ottawa, ON, Canada

Poster Board Number MP33 / Presentation Number Th MP33
Recruitment of Stroke Patients into Prehospital Research Before and After Implementation of a System-Wide Stroke Triage Policy
Nerses Sanossian, Marc Eckstein, Univ of Southern California, Los Angeles, CA; Samuel Stratton, Univ of California Los Angeles, Los Angeles, CA; Frank Pratt, Los Angeles County Fire Dept, Los Angeles, CA; William Koenig, Los Angeles County Emergency Medical Services, Los Angeles, CA; Scott Hamilton, Stanford Univ, Palo Alto, CA; Robin Conwit, Natl Insts of Health, Bethesda, MD; Randy Sanoff, Univ of California Los Angeles, Los Angeles, CA; Sidney Starkman, David S Liebeskind, Jeffrey L Saver, UCLA Stroke Ctr, Los Angeles, CA; FAST-MAG Investigators and Coordinators

Poster Board Number MP34 / Presentation Number Th MP34
Use of Neuroimaging and Neurology Consultation to Evaluate Cerebrovascular Causes of Acute Dizziness in the Emergency Department (ED)

Poster Board Number MP35 / Presentation Number Th MP35
Feasibility and Yield of a Brief Questionnaire to Help Identify Intracerebral Hemorrhage among Stroke Patients in the Field
Nerses Sanossian, Univ of Southern California, Los Angeles, CA; Sidney Starkman, David S Liebeskind, Lucas Restrepo, Latisha K Ali, UCLA Stroke Ctr, Los Angeles, CA; Robin Conwit, Natl Insts of Health, Bethesda, MD; Marc Eckstein, Univ of Southern California, Los Angeles, CA; Samuel Stratton, Univ of California Los Angeles, Los Angeles, CA; Frank Pratt, Los Angeles County Fire Dept, Los Angeles, CA; Jeffrey L Saver, UCLA Stroke Ctr, Los Angeles, CA; FAST-MAG Investigators and Coordinators

Poster Board Number MP36 / Presentation Number Th MP36
Improvement in Emergency Physician Stroke Thrombolysis Knowledge: The Increasing IPA Stroke Treatment through Interventional behavior Change Tactics (INSTINCT) Trial
William J Meurer, Shirley M Frederiksen, Zhenzhen Xu, Allie M Kade, Lewis B Morgenstern, Univ Of Michigan, Ann Arbor, MI; Mary N Haan, Univ of California San Francisco, San Francisco, CA; John D Kalbfleisch, Phillip A Scott, Univ Of Michigan, Ann Arbor, MI

SECTION 7

Moderator: Louis D McCullough, MD, PhD, Farmington, CT

Poster Board Number MP37 / Presentation Number Th MP37
Effect Of Moderate And Excessive Alcohol Exposure On Female Versus Male Experimental Stroke Outcomes In Mice
Ling Zhang, Nicole L Libal, Patricia D Hurn, Stephanie J Murphy, Oregon Health & Science Univ, Portland, OR

Poster Board Number MP38 / Presentation Number Th MP38
Neonatal Testosterone Administration Provides Neuroprotection After Stroke In Adult Male Rats
Rebecca W Persky, Fudong Liu, Gillian Weston, Stephanie Levy, Louise D McCullough, UCONN HEALTH CENTER, Farmington, CT

Poster Board Number MP39 / Presentation Number Th MP39
Gender-Independent Neuroprotection with Minocycline after Experimental Embolic Stroke
Md Nasrul Hoda, Weiguo Li, Samuel Herberg, Galina Y Kondrikova, Rachel A McNamee, Medical Coll of Georgia, Augusta, GA; Adviye Ergul, William D Hill, Medical Coll of Georgia, Charlie Norwood VA Medical Ctr, Augusta, GA; David C Hess, Medical Coll of Georgia, Augusta, GA; Irina Y Sazonova, Medical Coll of Georgia, Charlie Norwood VA Medical Ctr, Augusta, GA

Poster Board Number MP40 / Presentation Number Th MP40
Nicotinamide Adenine Dinucleotide (NAD): Another molecule contributing to sex differences?
Chad Siegel, Louise D McCullough, UNIV CONNECTICUT HEALTH CTR, Farmington, CT

Poster Board Number MP41 / Presentation Number Th MP41
Protective Role of Estrogen against the Formation of Intracranial Aneurysms in Mice
Yoshiteru Tada, Hiroshi Makino, Elena I Liang, Kosuke Wada, Tomoki Hashimoto, Univ of California, San Francisco, San Francisco, CA

Poster Board Number MP42 / Presentation Number Th MP42
Up-regulation Of Estrogen Receptor Alpha With Down-regulation Of The Brain Renin-angiotensin System By Olmesartan Contributes To Neuroprotection Against Cerebral Infarction In Estrogen-deficient Rats
Kenji Shimada, Keiko Kitazato, Tomoya Kinouchi, Kenji Yagi, Yoshiteru Tada, Junichiro Satomi, Teruyoshi Kageji, Shinji Nagahiro, Inst of Health Biosciences The Univ of Tokushima Graduate Sch, Tokushima, Japan
Hemorrhage – Intraparenchymal

Moderated Poster Tour II

Th MP43 – Th MP48

SECTION 8

Moderator: Craig Anderson, MD, PhD, Sydney, NSW, Australia

Poster Board Number MP43 / Presentation Number Th MP43

Speed Of ultra-early Hematoma Growth As A Powerful Predictor Of Clinical Deterioration And Long-term Outcome In Patients With Acute Intracranial Hemorrhage

David Rodriguez-Luna, Socorro Piñeiro, Marc Ribó, Bernardo Ibarra, Marta Rubiera, Jorge Pagola, Olga Maisterra, Pilar Coscuela, Francisco Romero, José Álvarez-Sabin, Carlos A Molina, Hosp Vall d’Hebron, Barcelona, Spain

Poster Board Number MP44 / Presentation Number Th MP44

Volumetric Analysis of the CT Angiography Spot Sign Enables Calculation of the Rate of On-Going Hemorrhage in Patients with Primary Intracerebral Hemorrhage

Josser E Delgado Almendoza, Massachusetts General Hosp / Mallinckrodt Inst of Radiology, Saint Louis, MO; Pamela W Schaefer, Joshua N Goldstein, Jonathan Rosand, Michael H Lev, R Gilberto Gonzalez, Javier M Romero, Massachusetts General Hosp, Boston, MA

Poster Board Number MP45 / Presentation Number Th MP45

The Impact of Blood Pressure Lowering on Perihematomal Edema Growth Measured by Serial Magnetic Resonance Imaging

Chitra Venkatasubramanian, Michael Mlynash, Rashmi Narayana, Ryan W Snider, Demi Thai, Irina Eyngorn, Christine A Wijman, STANFORD UNIVERSITY, Palo Alto, CA; DASH investigators

Poster Board Number MP46 / Presentation Number Th MP46

Reversible Cerebral Vasocostriction Syndromes (RCVS): a comparison of Hemorrhagic and Non-Hemorrhagic forms

Aneesh B Singhal, Massachusetts General Hosp, Boston, MA; Rula A Hajj-Ali, Cleveland Clinic, Cleveland, OH; Mehmet A Topcuoglu, Hacettepe Univ Hosp, Ankara, Turkey; Joshua W Fok, Chinese Univ of Hong Kong, Hong Kong, China; Leonard H Calabrese, Cleveland Clinic, Cleveland, OH

Poster Board Number MP47 / Presentation Number Th MP47

Statin Use and Outcome after Intracerebral Hemorrhage: Case-control Study and Meta-analysis

Alessandro Biffi, William J Devan, Christopher D Anderson, Alison M Ayres, Kristin Schwab, Lynelle Cortellini, Anand Viswanathan, Natalia S Rost, MASSACHUSETTS GENERAL HOSPITAL, Boston, MA; Eric E Smith, Univ of Calgary, Calgary, AB, Canada; Joshua N Goldstein, Steven M Greenberg, Jonathan Rosand, MASSACHUSETTS GENERAL HOSPITAL, Boston, MA

Poster Board Number MP48 / Presentation Number Th MP48

Statin Discontinuation is Associated with Poor Outcomes Following Intracerebral Hemorrhage

Dar Dowlatshahi, Univ of Ottawa, Ottawa Hosp Res Inst, Ottawa, ON, Canada; Andrew M Demchuk, Univ of Calgary, Calgary, AB, Canada; Jiming Fang, ICES, Toronto, ON, Canada; Mukul Sharma, Univ of Ottawa, Ottawa Hosp Res Inst, Ottawa, ON, Canada; Eric E Smith, Univ of Calgary, Calgary, AB, Canada; for the Registry of the Canadian Stroke Network

Ischemic Stroke Interventional Treatment Moderated Poster Tour II

Th MP49 – Th MP54

SECTION 9

Moderator: TBD

Poster Board Number MP49 / Presentation Number Th MP49

Stenting Or Angioplasty For Acute Stroke Due To Occlusion Or High Grade Stenosis Of The Extracranial Internal Carotid Artery Accompanying Intracranial Occlusions (tandem Lesions) In The Merci Registry: Incidence, Safety Profile And Clinical Outcomes

Tudor G Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Thomas G Devlin, Erlanger Medical Ctr, Chattanooga, TN; Marilyn M Rymer, St Luke’s, Kansas City, MO; Ronald F Budzik, Riverside Methodist Hosp, Columbus, OH; Helmi L Lutsep, Oregon Stroke Ctr, OHSU, Portland, OR; Wade S Smith, Univ of California, San Francisco, San Francisco, CA

Poster Board Number MP50 / Presentation Number Th MP50

Characterization of Clot Models For Preclinical Evaluation of Endovascular Recanalization Devices

Juyu Chueh, Christine F Silva, Gregory H Hendricks, Ajay K Wakhloo, Matthew J Gounis, Univ of Massachusetts, Worcester, MA

Poster Board Number MP51 / Presentation Number Th MP51

Careful Selection Of Patients with Stroke - On-Awakening Is Safe For Acute Recanalization Therapies

Simperreet Bal, Foothills Medical Ctr.Univ of Calgary, Calgary, AB, Canada; Rohit Bhatia, All India Inst of Medical sciences, New Delhi, India; Bijoy K Menon, Nandavar Shobha, Sung IL Sohn, Mayank Goyal, Andrew M Demchuk, Michael D Hill, Foothills Medical Ctr.Univ of Calgary, Calgary, AB, Canada

Poster Board Number MP52 / Presentation Number Th MP52

Progesterone Exerts Neuroprotection Against Permanent Focal Cerebral Ischemia In Rats By Activation Of The Akt-mediated Pathway

Taufheed Ishrat, Iqbal Saeed, Fahim Atif, Fang Hua, Jun Wang, Donald G Stein, Emory Univ, Atlanta, GA

Poster Board Number MP53 / Presentation Number Th MP53

Transportation of Drip and Ship Patients with Acute Ischemic Stroke from Great Distances is Safe and Timely, Allowing Endovascular Therapy to Follow Intravenous Thrombolysis

Erek Helseth, Karen Ellmers, Wayne Clark, Jeremy Fields, Helmi L Lutsep, Oregon Health and Science Univ, Portland, OR

Poster Board Number MP54 / Presentation Number Th MP54

Robust Collateral Circulation on CT Angiography of Acute Stroke Patients with Proximal MCA Occlusion is a Strong Predictor of Small Admision MR Diffusion / MTT Infarct Size

Leticia M Souza, Seyedmehdi Payabvash, Andre Kemmling, R Gilberto Gonzalez, Raul Nogueira, Michael H Lev, Massachusetts General Hosp, Boston, MA
### Outcomes, Quality and Health Services I

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#### Poster Board Number MP61 / Presentation Number Th MP61

**Risk-adjusted 30-day Intracerebral Hemorrhage Mortality Among The Elderly In The United States, 1993-2006**


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#### Poster Board Number MP55 / Presentation Number Th MP55

**Education Improves Use of Thrombolytics for Ischemic Stroke**

Anne K Barton, Denise Kapnick, ProMedica North Region, Adrian, MI; Rebecca G Poetschke, Herrick Medical Ctr, Tecumseh, MI; Steven A Sherman, Bixby Medical Ctr, Adrian, MI; Greg Fuller, James Feeney, ProMedica North Region, Adrian, MI

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#### Poster Board Number MP56 / Presentation Number Th MP56

**The Mann Assessment Of Swallowing Ability Predicts Dysphagia After Stroke With High Specificity Compared To Video-Fluoroscopy**

Jeff M Edmiaston, Lisa T Connor, Andria L Ford, Washington Univ, Saint Louis, MO

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#### Poster Board Number MP57 / Presentation Number Th MP57

**A Systems Approach to Stroke Care: Increased Access to Tissue Plasminogen Activator Therapies**

Leigh Ann McCartney, Julie Fussner, Case Medical Ctr, Cleveland, OH; Melissa Richardson, Geauga Medical Ctr, Geauga, OH; Cathy Sila, Case Medical Ctr, Cleveland, OH

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#### Poster Board Number MP58 / Presentation Number Th MP58

**Analysis Of Instrument Performance To Assess Depressive Symptoms In Stroke Survivors 0-3 Months Poststroke**

Niloufar Hadidi, Kay Savik, Ruth Lindquist, Univ of Minnesota, Minneapolis, MN

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#### Poster Board Number MP59 / Presentation Number Th MP59

**Recognizing Barriers That Decrease Adherence to Secondary Stroke Prevention**

Margaret H Stecker, Richard S Jung, Leigh Ann McCartney, Anthony Furlan, Cathy Sila, UNIVERSITY HOSPITALS, Cleveland, OH

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#### Poster Board Number MP60 / Presentation Number Th MP60

**Positive Impact of Electronic Reminders on Stroke Education**

Linda Pazdalski, Bonnie Miller, Sue Pugh, Sinai Hosp of Baltimore, The Sandra and Malcolm Berman Brain & Spine Inst at LifeBridge Health, Baltimore, MD

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### Outcomes, Quality and Health Services I Research Moderated Poster Tour I

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#### Poster Board Number MP62 / Presentation Number Th MP62

**Intracerebral Hemorrhage Specific Intensity of Care Quality Matrix**

Adnan I Qureshi, Zeenat Qureshi Stroke Res Ctr, Univ of Minnesota, Minneapolis, MN

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#### Poster Board Number MP63 / Presentation Number Th MP63

**The Comparative Mortality of Ischemic Stroke vs Intracranial Hemorrhage On and Off Warfarin: The Anticoagulation and Risk Factors in Atrial Fibrillation (ATRIA) Study**

Margaret C Fang, UCSF, San Francisco, CA; Alan S Go, Kaiser Permanente of Northern California Div of Res, Oakland, CA; Yuchiao Chang, Leila H Borowsky, Massachusetts General Hosp, Boston, MA; Niela K Pomernacki, Natalia Udaltsouva, Kaiser Permanente Northern California Div of Res, Oakland, CA; Daniel E Singer, Massachusetts General Hosp, Boston, MA

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#### Poster Board Number MP64 / Presentation Number Th MP64

**Prediction Of Very Early Stroke Or High-risk Stroke Mechanism In Patients With Transient Ischemic Attack From The Promapa Study A Prospective Comparison Of Prognostic Risk Scores**

Francisco Purroy, Hosp Arnaud de Vilanova de Lleida, Lleida, Spain; Enrique Jiménez-Caballero, Hosp Virgen de la Salud de Toledo, Toledo, Spain; Arantza Gorospe, Hosp Son Dureta, Palma de Mallorca, Spain; JM Torres, Hosp Arnaud de Vilanova de Lleida, Lleida, Spain; José Álvarez-Sabín, Estevo Santamarina, Hosp Univeri Vall d’Hebrón, Barcelona, Spain; Patricia Martínez-Sánchez, Exuperio Díez-Tejedor, Hosp de la Paz, Madrid, Spain; David Cánovas, Hosp Parc Taulí, Sabadell, Spain; Mar Freijó, Hosp de Basurto, Bilbao, Spain; José Egido, Hosp Clínica San Carlos, Madrid, Spain; JM Ramírez-Moreno, Complejo Univerio Infanta Cristina, Badajoz, Spain; Rocio Vera, Hosp Ramón y Cajal, Madrid, Spain; Ana Rodríguez, Jaume Roquer, Hosp del Mar, Barcelona, Spain; I Casado, Hosp San Pedro de Alcántara de Cáceres, Cáceres, Spain; Raquel Delgado, Joan Martí, Hosp Sant Pau, Barcelona, Spain; Yolanda Silva, Hosp Josep Trueta, Girona, Spain; Pere Cardona, Francisco Rubio, Hosp Univeri de Bellvitге, Hospitala de Llobregat, Spain; Ana Morales, Hosp Univerio Virgen de la Arrixaca, Murcia, Spain; Natalia de la Osa, Hosp Univerio Germans Trias i Pujol, Badalona, Spain; Andrés García-Pastor, Hosp Gregorio Marañón, Madrid, Spain; Juan Arenillas, Hosp Clínico de Valladolid, Valladolid, Spain; Tomás Segura, Hosp Univerio de Albacete, Albacete, Spain; JM Pons, Hosp General de Valencia, Valencia, Spain; Carmen Jiménez, Hosp Son Dureta, Palma de Mallorca, Spain; Jaime Masjuán, Hosp Ramón y Cajal, Madrid, Spain; Stroke Project of the Spanish Cerebrovascular Diseases Study Group

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#### Poster Board Number MP65 / Presentation Number Th MP65

**Is Acute Hospitalization Needed for Patients Presenting With A Transient Ischemic Attack From The Promapa Study?**

Haralabos Zacharatos, Amer E Hassan, Saqib A Chaudhry, Rizwan Husain, Musthag Qureshi, M Fareed K Suri, Mustapha A Ezzeddine, Adnan I Qureshi, Zeenat Qureshi Stroke Res Ctr, Univ of Minnesota, Minneapolis, MN

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#### Poster Board Number MP66 / Presentation Number Th MP66

**Impact of Stroke Clinical Prevention on Survival in Patients with Ischemic Stroke or Transient Ischemic Attack: A Propensity-Score Matching Approach**

Jiming Fang, ICES, Toronto, ON, Canada; Moira K Kapral, Gustavo Saposnik, Fiona Webster, Univ of Toronto, Toronto, ON, Canada; Vladimir Hachinski, Univ of Western Ontario, London, ON, Canada
Outcomes, Quality and Health Services Research Moderated Poster Tour II
Th MP67 – Th MP72

SECTION 12

Moderator: TBD

Poster Board Number MP67 / Presentation Number Th MP67
Individual-level Barriers and Facilitators to calling 911 for Acute Stroke in an African American Community
Leslie E Skolarius, Marc A Zimmerman, Jillian B Murphy, Devin L Brown, UNIV MICHIGAN, Ann Arbor, MI; Sarah Bailey, Sophronia Fowlkes, Bridges into the Future, Flint, MI; Lewis B Morgenstern, UNIV MICHIGAN, Ann Arbor, MI

Poster Board Number MP68 / Presentation Number Th MP68
A National US Telestroke Delivery System: Patient Characteristics and Frequency of Thrombolytic Therapy Delivery
Latisha K Ali, UCLA Stroke Ctr, Los Angeles, CA; Meng Lee, Chang Gung Memorial Hosp, Chiayi, Taiwan; Sidney Starkman, Jeffrey L Saver, UCLA Stroke Ctr, Los Angeles, CA; Evan Allen, Mitch Rubin, Todd Samuels, Jean Raphael Schneider, Carlos Villar, Leonard DaSilva, Specialists on Call, Inc, Westlake Village, CA

Poster Board Number MP69 / Presentation Number Th MP69
Low Yield of Hospital Inpatient Stroke “Codes”: Implications for Resource Allocation
Nada El Husseini, Larry B Goldstein, Duke Univ Medical Ctr, Durham, NC

Poster Board Number MP70 / Presentation Number Th MP70
Improving Rates Of IV tPA For Acute Ischemic Stroke: The Massachusetts Primary Stroke Service Experience, 2004-2008
Natalia S Rost, Massachusetts General Hosp, Boston, MA; Eric E Smith, Univ of Calgary, Calgary, AB, Canada; Muhammad A Perverz, Massachusetts General Hosp, Boston, MA; Philip Mello, Massachusetts Dept of Public Health, Boston, MA; Paul Dreyer, Dept of Public Health, Boston, MA; Lee H Schwamm, Massachusetts General Hosp, Boston, MA

Poster Board Number MP71 / Presentation Number Th MP71
Age Stratification And Clinical Outcome Following tPA
Karolina Beben, Mehreen Sabih, Andre Douen, Trillium Health Ctr, Mississauga, ON, Canada

Poster Board Number MP72 / Presentation Number Th MP72
Effect of Weekend Compared to Weekday Stroke Admission on Thrombolytic Use, In-Hospital Mortality, Discharge Disposition, Hospital Charges, and Length of Stay in the Nationwide Inpatient Sample Database: 2002-2007
Brian Hoh, Yueh-Yun Chi, Michael Waters, J Mocco, University of Florida, Gainesville, FL; Fred Barker II, Massachusetts General Hosp, Boston, MA

SECTION 13

Moderator: Peter A Sandercock, MD, FRCP, Edinburgh, United Kingdom

Poster Board Number MP73 / Presentation Number Th MP73
Withdrawal of Antithrombotic Medication is Associated with More Severe Strokes at Baseline and Higher Mortality at 1-year
Joseph P Broderick, Jordan B Bonomo, Dawn O Kleindorfer, Kathleen Alwell, Charles J Moomaw, Jane Khoury, Matthew L Flaherty, Daniel Woo, Opeolu Adeoye, Simona Ferioli, Brett M Kissela, Univ of Cincinnati, Cincinnati, OH

Poster Board Number MP74 / Presentation Number Th MP74
Local Hospital Networks for Clinical Trials in Stroke
Walter N Kernan, Catherine M Viscoli, Lawrence M Brass, Yale Schoool of Med, New Haven, CT; Mary P Amatangelo, Ashley Birch, Massachusetts General Hosp, Boston, MA; Wayne Clark, Oregon Health Sciences Univ, Portland, OR; Robin Conwit, Natl Inst of Neurological Disorders and Stroke, Bethesda, MD; Karen L Furie, Massachusetts General Hosp, Boston, MA; Mark Gorman, Univ of Vermont, Burlington, VT; Elizabeth Hinnau, Yale Schoool of Med, New Haven, CT; Dawn Kleindorfer, Univ of Cincinnati, Cincinnati, OH; Anne M Lovejoy, Yale Schoool of Med, New Haven, CT; Jenny Osborne, Univ of Cincinnati, Cincinnati, OH; Scott Silliman, Univ of Florida Coll of Med-Jacksonville, Jacksonville, FL; Richard M Zwegler, Eastern Virginia Medical Sch, Norfolk, VA; Ralph I Horwitz, Stanford Univ, Palo Alto, CA; On behalf of the IRIS Trial Investigators

Poster Board Number MP75 / Presentation Number Th MP75
Cilostazol Surpasses Aspirin in Secondary Stroke Prevention: Combined Analysis of Randomized Clinical Trials, CSPS II and CASISP
Yukito Shinhohara for the CSPS II Group, Dept of Neurology, Federation of Natl Public Service Personnel Mutual Aid Associations Tachikawa Hosp, Tachikawa, Japan; Yining Huang for the CASISP cooperation investigators, Dept of Neurology, Peking Univ First Hosp, Beijing, China

Poster Board Number MP76 / Presentation Number Th MP76
Angiotensin Converting Enzyme Inhibitors or Angiotensin Receptor Blockers Reduce Future Vascular Risk in Persons with a History of Stroke: A Meta-Analysis
Meng Lee, Chang Gung Memorial Hosp, Chiayi, Taiwan; Jeffrey L Saver, UCLA STROKE CENTER, Los Angeles, CA; Keun-Sik Hong, Ilsan Paik Hosp, Inje University, Korea, Republic of; Qing Hao, UCLA STROKE CENTER, Los Angeles, CA; Jessica Chow, UCLA Sch of Public Health, Los Angeles, CA; Bruce Ovbiagele, UCLA STROKE CENTER, Los Angeles, CA

Poster Board Number MP77 / Presentation Number Th MP77
Small Vessel Disease As A Multisystem Disorder: Association Of Cerebral Microbleeds With Renal Impairment In A Cross-sectional, Hospital-based Study
### SAH Management Moderated Poster Tour II

**Moderator:** TBD

**Poster Board Number MP79 / Presentation Number Th MP79**

*The ALISAH Study: A Dose Escalation And Safety Study Of 25% Human Albumin Therapy In Subarachnoid Hemorrhage - Safety Results And Physiologic Response*

Jose I Suarez, Baylor Coll of Med, Houston, TX; Renee L Martin, Medical Univ of South Carolina, Charleston, SC; The ALISAH Study Investigators

**Poster Board Number MP80 / Presentation Number Th MP80**

*Elevated blood TNF-alpha and IL-6 are Associated with Poor 3-month Outcome following Subarachnoid Hemorrhage*

Sherry H-Y Chou, Brigham and Women's Hosp, Boston, MA; MingMing Ning, Massachusetts General Hosp, Boston, MA; Rachael G Konigsberg, Suzanne Simmons, David Bauer, Brigham and Women's Hosp, Boston, MA; Eric Loesch, Massachusetts General Hosp, Boston, MA; Steven K Feske, Brigham and Women's Hosp, Boston, MA; Eng H Lo, Massachusetts General Hosp, Boston, MA

**Poster Board Number MP81 / Presentation Number Th MP81**

*Plasma-type gelsolin (pGSN) is reduced in Human Blood and Cerebrospinal Fluid following Subarachnoid Hemorrhage*

Sherry H-Y Chou, Po-Shun Lee, Rachael G Konigsberg, Dana Gallachi, Brigham and Women's Hosp, Boston, MA; Ken Araki, Massachusetts General Hosp, Boston, MA; Suzanne Simmons, Brigham and Women's Hosp, Boston, MA; Eric Loesch, Massachusetts General Hosp, Boston, MA; David Bauer, Thomas P Stossel, Steven Feske, Brigham and Women's Hosp, Boston, MA; Eng H Lo, MingMing Ning, Massachusetts General Hosp, Boston, MA

**Poster Board Number MP82 / Presentation Number Th MP82**

*An Admission Prediction Model for Cerebral Vasospasm in Patients with Aneurysmal Subarachnoid Hemorrhage*


**Poster Board Number MP83 / Presentation Number Th MP83**

*Symptomatic Large Vessel Vasospasm after Aneurysmal Subarachnoid Hemorrhage is Associated with Low Pulsatility Index on Transcranial Doppler*

Venkatakrishna Rajajee, Jeffrey J Fletcher, Aditya Pandey, Joseph J Gemmete, Neeraj Chaudhary, Teresa Jacobs, Byron G Thompson, Univ of Michigan, Ann Arbor, MI

**Poster Board Number MP84 / Presentation Number Th MP84**

*Diagnostic Yield of CT and MR Angiography in Patients with Catheter Angiography Negative Subarachnoid Hemorrhage*


**Vascular Cognitive Impairment Moderated Poster Tour II**

**Moderator:** Lynda Lisabeth, PhD, FAHA, Ann Arbor, MI

**Poster Board Number MP85 / Presentation Number Th MP85**

*Patterns of Cerebral Amyloid Binding in Acute Ischemic Stroke*

Allyson Zazulia, Joanne Markham, Tom Videen, Tammie Benzinger, Mark Mintun, John Morris, Washington Univ Sch of Med, Saint Louis, MO

**Poster Board Number MP86 / Presentation Number Th MP86**

*Effect of Apixaban on Covert Stroke and Cognitive Function: AVERROES MRI-Brain Assessment Trial*

Martin O'Donnell, John Eikelboom, Salim Yusuf, Stuart Connolly, McMaster Univ, Hamilton, ON, Canada; On Behalf of the AVERROES Investigators

**Poster Board Number MP87 / Presentation Number Th MP87**

*Acute Ischemia in Left Angular Gyrus Impairs Comprehension of Syntax*

Lydia A Trupe, George Washington Univ, Washington, DC, DC; Rebecca F Gottesman, Argye E Hillis, Johns Hopkins Univ SOM, Baltimore, MD

**Poster Board Number MP88 / Presentation Number Th MP88**

*White Matter Hyperintensity Burden is Associated with Cognitive Decline in a Stroke-free Cohort: the Northern Manhattan Study*

Clinton B Wright, Chuanhui Dong, Tatjana Rundek, Univ of Miami, Miami, FL; Sandino Cespedes, Mitchell S Elkind, Columbia Univ, New York, NY; Charles DeCarli, Univ Of California, Davis, Sacramento, CA; Ralph L Sacco, Univ of Miami, Miami, FL

**Poster Board Number MP89 / Presentation Number Th MP89**

*MRI Correlates Of Vascular Cognitive Impairment: Effects Of Microbleeds, Lacunes, Cortical Infarcts, And White Matter Changes On Frontal-executive Function In A Large, Hospital-based Stroke Cohort*

Simone M Gregoire, Grit Scheffler, Hans R Jäger, UCL Inst of Neurology, London, United Kingdom; Constantinos Kallis, London Sch of Hygiene and Tropical Med, London, United Kingdom; Martin M Brown, Lisa Cipolotti, Simone M Gregoire, Grit Scheffler, Hans R Jäger, UCL Inst of Neurology, London, United Kingdom; Martin M Brown, Lisa Cipolotti, Sherry H-Y Chou, Brigham and Women's Hosp, Boston, MA; Eric Loesch, Massachusetts General Hosp, Boston, MA; Steven K Feske, Brigham and Women's Hosp, Boston, MA; Eng H Lo, MingMing Ning, Massachusetts General Hosp, Boston, MA

**Poster Board Number MP90 / Presentation Number Th MP90**

*Infectious Burden and cognition: The Northern Manhattan Study*

Mira Katan, Yeseon O;Donnelly, John Eikelboom, Salim Yusuf, Stuart Connolly, McMaster Univ, Hamilton, ON, Canada; On Behalf of the AVERROES Investigators

**SECTION 15**

**Poster Board Number MP85 – Th MP90**
Poster Board Number P1 / Presentation Number Th P1
Neurologic Safety Event Rates in the SENTIS Control Population
Helmi L Lutsep, Oregon Health & Science Univ, Portland, OR; Irfan M Altafullah, Minneapolis Clinic of Neurology, Minneapolis, MN; Robin S Roberts, McMaster Univ, Hamilton, ON; Isaac E Silverman, Hartford Hosp, Hartford, CT; Mark A Turco, Washington Adventist Hosp, Takoma Park, MD; Anand G Vaishnav, Univ of Louisville, Louisville, KY; for the SENTIS Investigators

Poster Board Number P2 / Presentation Number Th P2
CLOTBUST-Hands Free Operator Independent Ultrasound Device: Initial Safety Testing in Healthy Volunteers
Kristian B Barlinn, Comprehensive Stroke Ctr, Univ of Alabama at Birmingham, Birmingham, AL; Andrew D Barreto, Stroke Program, the Univ of Texas-Houston Medical Sch, Houston, TX; April Sisson, Comprehensive Stroke Ctr, Univ of Alabama at Birmingham, Birmingham, AL; David S Liebeskind, David Geffen Sch of Med, Dept of Med, UCLA, Los Angeles, CA; Limin Zhao, Luis F Cava, Comprehensive Stroke Ctr, Univ of Alabama at Birmingham, Birmingham, AL; John F Rothrock, Comprehensive Stroke Ctr, Dept of Neurology, Univ of Alabama at Birmingham, Birmingham, AL; Mark E Schafer, Sonic Tech, Inc, Philadelphia, PA; John Alleen, Cerevast Therapeutics, Inc, Redmond, WA; James C Grotta, Stroke Program, the Univ of Texas-Houston Medical Sch, Houston, TX; Andrei V Alexandrov, Comprehensive Stroke Ctr, Univ of Alabama at Birmingham, Birmingham, AL

Poster Board Number P3 / Presentation Number Th P3
Reduced Low Density Lipoprotein Cholesterol Fraction Is Not A Risk Factor For Hemorrhagic Transformation After Intravenous Thrombolysis Therapy For Acute Ischemic Stroke
Eoin P Flanagan, Mayo Clinic, Rochester, MN; Felix E Chukwudelunzu, Luther Midfellow Mayo Health System, Eau Claire, WI; Jay Mandrekar, Mayo Clinic, Rochester, MN; Bart M Demaerschalk, Mayo Clinic and Mayo Clinic Telestroke Network, Phoenix, AZ; James F Meschia, Kevin M Barrett, Mayo Clinic, Jacksonville, FL; Kelly D Flemming, Mayo Clinic, Rochester, MN; Gregory T Pupillo, Franciscan Skemp Mayo Health System, LaCrosse, WI

Poster Board Number P4 / Presentation Number Th P4
Microalbuminuria: An Independent Risk Factor For Intracerebral Hemorrhage After Iv Thrombolysis For Acute Stroke
Andrea Rocco, Christoph Gumbinger, Marek Sykora, Jennifer Diedler, Peter Ringleb, Werner Hacke, Karls-Ruprecht Univ, Heidelberg, Germany

Poster Board Number P5 / Presentation Number Th P5
Telestroke Guided IV tPa Treatment Achieves Similar Clinical Outcome As Thrombolysis At Comprehensive Stroke Center
Syed F Zaidi, Mouhammad A Jumma, Maxim D Hammer, Vivek K Reddy, Tudor G Jovin, Lori Massaro, UNIVERSITY OF PITTSBURGH, Pittsburgh, PA; Ken Uchino, Cleveland Clinic, Cleveland, OH; Lin Ridwan, Lawrence R Wechsler, UNIVERSITY OF PITTSBURGH, Pittsburgh, PA

Poster Board Number P6 / Presentation Number Th P6
Antiplatelet and Anticoagulation Therapy Before an Ischemic Stroke Neither Precludes nor Complicates Intravenous Thrombolysis
Dimitri Levin, Don B Smith, Ethan Cumbler, William Jones, Univ of Colorado, Aurora, CO

Poster Board Number P7 / Presentation Number Th P7
Thromboelastography (TEG) in Acute Ischemic Stroke
Jeremy S Wetzel, Andrea M Elliot, Cristina M Wallace, Son Duong, Evan G Pivalizza, Nusrat Harun, Mary Jane Hess, James C Grotta, Univ of Texas Medical Sch at Houston, Houston, TX

Poster Board Number P8 / Presentation Number Th P8
Baseline Total Cholesterol Levels and Risk of Symptomatic Hemorrhagic Transformation after Intravenous Thrombolysis in Acute Ischemic Stroke Patients
Svetlana Lorenzano, La Sapienza Univ, Rome, Italy; Niaz Ahmed, Karolinska Univ Hosp, Stockholm, Sweden; Giuseppe Moretto, Az Osp Istituti Ospitalieri, Verona, Italy; Paolo Nichelli, Nuovo Ospedale Civile, Modena, Italy; Norina Marcello, Arcispedale, Reggio Emilia, Italy; Roberto Curró-Dossi, Ospedale Centrale, Bolzano, Italy; Domenico Inzitari, Careggi Univ Hosp, Florence, Italy; Alessandro Rosselli, Ospedale S Maria Annunciata, Florence, Italy; Giancarlo Comi, San Raffaele Univ Hosp, Milan, Italy; Mauro Furlan, Ospedale Imperia, Imperia, Italy; Donata Guidetti, Presidio Ospedaliero, Piacenza, Italy; Maria Rosaria Tola, Arcispedale S Anna, Ferrara, Italy; Claudio Pozzessere, Ospedale San Camillo, Rome, Italy; Francesco Perini, Ospedale Civile, Vicenza, Italy; Roberto Sterzi, Ospedale Niguarda Ca’ Granda, Milan, Italy; Emilio Ursino, Osp SS Antonio e Biagio, Alessandria, Italy; Mauro Magoni, Spedali Civili, Brescia, Italy; Nils Wahlgren, Karolinska Univ Hosp, Stockholm, Sweden; Massimiliano Precipere, Danilo Toni, La Sapienza Univ, Rome, Italy

Poster Board Number P9 / Presentation Number Th P9
Level Of Consciousness And Gaze Paralysis In The Baseline NIH Stroke Scale (NIHSS) Exam Are Independent Predictors Of Death After Ischemic Stroke
Vikas Gupta, Enrique Leira, Patricia Davis, Harold P Adams, Univ of Iowa, Iowa city, IA

Poster Board Number P10 / Presentation Number Th P10
Normal CTA should raise suspicion of Stroke Mimics In Candidates for iv Fibrinolysis
Jason J Chang, Julian P Yang, Yazan Alderazi, Mohamed Teleb, Lucas Restrepo, Barrow Neurological Inst, Phoenix, AZ

Poster Board Number P11 / Presentation Number Th P11
The Role Of Sonolysis, Sonothrombolysis With And Without Microbubble In Acute Ischemic Stroke: A Systematic Review And Meta-analysis Of Randomized Control Trials And Case Control Studies
Maher Saqqur, Univ of Alberta, Edmonton, AB, Canada; Georgios Tsigouolis, Univ of Alexandroupolis, Alexandroupolis, Greece; Francois Nicoli, La Timone Univ Hosp Universite de la Mediterranee, Marseille, France; David Skoloudik, Palacky Univ, Olomouc, Czech Republic; Christian Squarcioli, Laurent Grimaud, La Timone Univ Hosp Universite de la Mediterranee, Marseille, France; Vijay Sharma, Univ of Singapore, Singapore, Singapore; Marta Rubiera, Univ of Barcelona, Barcelona, Spain; Theodoros N Sergentanis, Athens Univ Medical Sch, Athens, Greece; Vincent Larrue, Univ de Toulouse III, Toulouse, France; Jürgen Eggers, Asklepios Hosp North, Hamburg, Germany; Khurshid Khan, Univ of Alberta, Edmonton, AB, Canada; Limin Zhao, Univ of Alabama, Birmingham, AL; Marc Ribo, Hosp Univer Vall d’Hebron, Barcelona, Spain; Fabienne Perren, Neurosonology Unit, HUG,
Univ Hosp and Medical, Geneva, Switzerland; Dale Storie, Univ of Alberta, Edmonton, AB, Canada; Carlos A Molina, Hosp Univ Vall d’Hebron, Barcelona, Spain; Andres Garcia Pastor, Fernado Diaz-Otero, Antonio Gil-Núñez, Stroke Ctr Dept of Neurology Ramon y Cajal Univ Hosp, Madrid, Spain; Patricia Simal, Carmen Serna, Jose Egido, Stroke Ctr Dept of Neurology Clinico San Carlos Univ Hosp, Madrid, Spain; Gemma Reig, Florentino Nombela, Jose Vivancos, Stroke Ctr Dept of Neurology La Princesa Univ Hosp, Madrid, Spain; Exuperio Diez-Tejedor, Stroke Ctr Dept of Neurology La Paz Univ Hosp, Madrid, Spain

Poster Board Number P12 / Presentation Number Th P12
Early And Ultraearly Thrombolysis In Acute Stroke: Sex Differences In Stroke Outcome
Patricia Martinez-Sanchez, Blanca Fuentes, Stroke Ctr Dept of Neurology La Paz Univ Hosp, Madrid, Spain; Juan Caldentey, Jaime Masjuan, Maria Alonso de Leciñana, Stroke Ctr Dept of Neurology Ramon y Cajal Univ Hosp, Madrid, Spain; Andres Garcia Pastor, Fernado Diaz-Otero, Antonio Gil-Núñez, Stroke Ctr Dept of Neurology Gregorio Marañon Univ Hosp, Madrid, Spain; Patricia Simal, Carmen Serna, Jose Egido, Stroke Ctr Dept of Neurology Clinico San Carlos Univ Hosp, Madrid, Spain; Gemma Reig, Florentino Nombela, Jose Vivancos, Stroke Ctr Dept of Neurology La Princesa Univ Hosp, Madrid, Spain; Exuperio Diez-Tejedor, Stroke Ctr Dept of Neurology La Paz Univ Hosp, Madrid, Spain

Poster Board Number P13 / Presentation Number Th P13
Intra-venous Tissue Plasminogen Activator For Acute Central Retinal Artery Occlusion: A First Randomized Controlled Trial
Andrew Lee, Celia Chen, Tien Lee, Flinders Univ and Medical Ctr, Bedford Park, Australia; Bruce Campbell, Royal Melbourne Hosp, Victoria, Australia

Poster Board Number P14 / Presentation Number Th P14
Oxidative Damage In Ischemic Stroke A Biomarker Study
Raymond CS Seet, Jetty CY Lee, Bernard PL Chan, Vijay K Sharma, Hock-Luen Teoh, Benjamin KC Ong, Barry Halliwell, Natl Univ of Singapore, Singapore

Poster Board Number P15 / Presentation Number Th P15
Tissue Plasminogen Activator for Acute Cerebellar Strokes
Amrou Sarraj, Sarah K Medrek, Nusrat Harun, Melvin R Sline, Renganayaki Pandurengan, George Lopez, Andrew Barreto, Nicole R Gonzales, James C Grotta, Sean Savitz, UT Houston, Houston, TX

Poster Board Number P16 / Presentation Number Th P16
Intravenous Thrombolysis for Ischemic Stroke in Patients with ongoing Acute Myocardial Ischemia
Vivek Misra, Nusrat Harun, Melvin Sline, Andrew D Barreto, George A Lopez, Nicole R Gonzales, James C Grotta, Sean I Savitz, UT MED SCHOOL AT HOUSTON, Houston, TX

Poster Board Number P17 / Presentation Number Th P17
Intravenous t-PA for Patients with Minor Ischemic Stroke: A Single Stroke Center Experience
Branko N Huisa, Rema Raman, Karin Ennstrom, Thomas M Hemmen, UCSD, La Jolla, CA

Poster Board Number P18 / Presentation Number Th P18
Outcome Of Intravenous rt-PA Treatment In Acute Stroke Time To Administration And Baseline NIHSS Analysis
Diaz Otero Fernando, Gil-Núñez Antonio, Garcia Pastor Andrés, Stroke Unit, Hosp General “Gregorio Marañon”, Madrid, Spain; Alonso de Leciñana Maria, Masjuan Jaime, Stroke Unit, Hosp General “Ramón y Cajal”, Madrid, Spain; Simal Patricia, Egido Jose Antonio, Stroke Unit, Hosp Clínico “San Carlos”, Madrid, Spain; Fuentes Blanca, Díez-Tejedor Exuperio, Stroke Unit, Hosp General “La Paz”, Madrid, Spain; Reig Gemma, Vivancos Jose, Stroke Unit, Hosp Univirio “La Princesa”, Madrid, Spain

Poster Board Number P19 / Presentation Number Th P19
Difference In Outcome For Patients With Ischemic Stroke Treated With Iv T-pa In Less Than 2 Hours Versus 2-3 Hours
Andrew Stemer, Washington Hosp Ctr, Washington, DC; Rema Raman, Karin Ennstrom, Univ of California, San Diego, San Diego, CA; Patrick D Lyden, Cedars-Sinai Medical Ctr, Los Angeles, CA; Thomas M Hemmen, Univ of California, San Diego, San Diego, CA

Poster Board Number P20 / Presentation Number Th P20
Estimated Peak Rarefaction Pressure Predicts Recanalization and Outcome in the Transcranial Ultrasound in Clinical Sonothrombolysis (TUCSON) Trial
Kristian B Barlinn, Comprehensive Stroke Ctr, Univ of Alabama at Birmingham, Birmingham, AL; Georgios Tsigougli, Dept of Neurology, Democritus Univ of Thrace, Sch of Med, Alexandroupolis, Greece; Carlos A Molina, Neurovascular Unit, Dept of Neurology, Hosp Vall d’Hebron, Barcelona, Spain; Dimitri A Alexandrov, John Alleman, Cerevast Therapeutics, Inc, Redmond, WA; Andrei V Alexandrov, Comprehensive Stroke Ctr, Univ of Alabama at Birmingham, Birmingham, AL; Tucson Investigators

Poster Board Number P21 / Presentation Number Th P21
Safety And Efficacy Of Intravenous Thrombolysis In The Treatment Of Acute Basilar Occlusion: A Prospective Observational Study

Poster Board Number P22 / Presentation Number Th P22
Levels of Creatin Kinase in Blood are Predictors of Hemorrhagic Transformation in Patients Treated with rt-PA
Mar Castellanos, Maria Jiménez, Yolanda Silva, Josep Puig, Salvador Pedraza, Estela Sanjuán, Pilar Sánchez-Camacho, Joaquín Serena, Hosp Univiri Dr Josep Trueta, Biomedical Res Inst of Girona, Girona, Spain

Poster Board Number P23 / Presentation Number Th P23
Intravenous rt-PA and Outcome after a Mild Stroke
Manoj Mittal, Univ of Kansas Medical Ctr, Kansas City, KS; Marilyn Rymer, Saint Luke’s Brain & Stroke Inst, Kansas City, MO; Sue-Min Lai, Univ of Kansas Medical Ctr, Kansas City, KS

Poster Board Number P24 / Presentation Number Th P24
Evaluation Of Patients Treated With IV tPA At Regional Stroke Centers vs Community Hospitals: Is There Opportunity For A Wider Stroke Population To Be Treated?

Poster Board Number P25 / Presentation Number Th P25
Stroke Complicating Trans-Catheter Aortic Valve Implantation
Ronen R Leker, Roni Eichel, Haim Lotan, Ami Werber, Jose E Cohen, Haim Dannenberg, Hadassah-Hebrew Univ Medical Ctr, Jerusalem, Israel
Poster Board Number P39 / Presentation Number Th P39
Study of NTx®-265: Human Chorionic Gonadotropin (hCG) and Epoetin Alfa (EPO) in Acute Ischemic Stroke Patients (REGENESIS Trial)
Steven C Cramer, Univ of California, Irvine, Irvine, CA; Michael D Hill, Univ of Calgary, Calgary, AB, Canada; the REGENESIS investigators

Poster Board Number P40 / Presentation Number Th P40
Difference In Platelet Activation Pattern Between Patients With Ischemic Stroke And Those With Obstructive Sleep Apnea Syndrome
Mil Shimizu, Shunya Takizawa, Dept of Neurology, Tokai Univ Sch of Med, Isehara Kanagawa, Japan; Ichiro Kuwahira, Dept of Med, Tokai Univ Hosp, Yokogu, Tokyo, Japan; Saori Kohara, Dept of Neurology, Tokai Univ Sch of Med, Isehara Kanagawa, Japan; Yusuke Kondo, Dept of Respiratory Med, Tokai Univ Sch of Med, Isehara Kanagawa, Japan; Shigebaru Takagi, Dept of Neurology, Tokai Univ Sch of Med, Isehara Kanagawa, Japan

Poster Board Number P41 / Presentation Number Th P41
Genome-wide Search for Ischemic Stroke Genes: The Siblings with Ischemic Stroke Study (SWISS)
James F Meschia, Mayo Clinic, Jacksonville, FL; Michael A Nalls, Lab of Neurogenetics, Intramural Res Program, Natl Inst on Aging, Bethesda, MD; Stephen S Rich, Ctr for Public Health Genomics, Univ of Virginia, Charlottesville, VA; Andrew Singleton, Lab of Neurogenetics, Intramural Res Program, Natl Inst on Aging, Bethesda, MD; John A Hardy, Dept of Molecular Neuroscience, Inst of Neurology, Univ Coll London, London, United Kingdom; Thomas G Brott, Mayo Clinic, Jacksonville, FL; Robert D Brown, Jr, Mayo Clinic, Dept of Neurology, Rochester, MN; Brett Kissela, Dept of Neurology, Univ of Cincinnati, Cincinnati, OH; Bradford B Worrall, Depts of Neurology and Public Health Sciences, Univ of Virginia, Charlottesville, VA; for the SWISS Investigators

Poster Board Number P42 / Presentation Number Th P42
Results of NOTCH3 Sequencing in Siblings With Ischemic Stroke Study Probands
Owen A Ross, Alexandra I Soto-Otoralaza, Christophe Verbeeck, Mayo Clinic, Jacksonville, FL; Stephen S Rich, Ctr for Public Health Genomics, Univ of Virginia, Charlottesville, VA; Andrew Singleton, Molecular Genetics Section; Lab of Neurogenetics, Natl Inst on Aging, Natl Insts of Health, Bethesda, MD; John A Hardy, Dept of Molecular Neuroscience, Inst of Neurology, Univ Coll London, London, United Kingdom; Thomas G Brott, Mayo Clinic, Dept of Neurology, Jacksonville, FL; Robert D Brown, Jr, Mayo Clinic, Dept of Neurology, Rochester, MN; Brett Kissela, Univ of Cincinnati, Dept of Neurology, Cincinnati, OH; Bradford B Worrall, Depts of Neurology and Public Health Sciences, Univ of Virginia, Charlottesville, VA; James F Meschia, Mayo Clinic, Dept of Neurology, Jacksonville, FL; for the SWISS Investigators

Poster Board Number P43 / Presentation Number Th P43
Image analysis of participants in the Siblings With Ischemic Stroke Study (SWISS)
Benison C Lau, Aparna R Baheti, Rodney S Smith, UVA HEALTH SYSTEM, Charlottesville, VA; Kathryn M Powell, Univ of South Florida, Tallahassee, FL; Carlos Leiva Salinas, UVA HEALTH SYSTEM, Charlottesville, VA; Thomas G Brott, Mayo Clinic, Jacksonville, FL; Robert D Brown Jr, Mayo Clinic, Rochester, MN; Brett M Kissela, Univ of Cincinnati, Cincinnati, OH; Max Wintermark, UVA HEALTH SYSTEM, Charlottesville, VA; James F Meschia, Mayo Clinic, Jacksonville, FL; Natalia S Rost, Massachusetts General Hosp, Boston, MA; Bradford B Worrall, UVA HEALTH SYSTEM, Charlottesville, VA

Poster Board Number P44 / Presentation Number Th P44
Ischemic Stroke Exome Pilot Study
John W Cole, Baltimore VA, UMD SOM, Baltimore, MD; Abhishek Pratap, Luke J Tallon, Lisa K Sadzewicz, O Colin Stine, Nicole Dueker, Yuching Cheng, UMD SOM, Baltimore, MD; Marcella A Wozniak, Barney J Stern, Baltimore VA, UMD SOM, Baltimore, MD; James F Meschia, Mayo Clinic, Jacksonville, FL; Braxton D Mitchell, UMD SOM, Baltimore, MD; Steven J Kittner, Baltimore VA, UMD SOM, Baltimore, MD; Jeffrey R O’Connell, UMD SOM, Baltimore, MD

Poster Board Number P45 / Presentation Number Th P45
Genome-wide SNP Association For Cerebral Vasospasm In Subarachnoid Hemorrhage Patients
Hyungsuk Kim, NINR, Bethesda, MD; Elizabeth Crago, Univ of Pittsburgh, Pittsburgh, PA; Mirim Kim, NINR, Bethesda, MD; Yvette Conley, Paula Sherwood, Univ of Pittsburgh, Pittsburgh, PA; Samuel Poloyac, Mary E Kerr, NINR, Bethesda, MD

Poster Board Number P46 / Presentation Number Th P46
Prediction of Stroke and Ischemic Heart Disease by Carotid Intima-Media Thickness in Japanese Urban Cohort: The Suita Study
Yoshishiro Kokubo, Kazunori Toyoda, Makoto Watanabe, NATIONAL CEREBROVASCULAR AND CARDIOVASCULAR CENTER, Suita, Japan; Aya Higashiyama, Hyogo Coll of Med, Nishinomiya, Japan; Yuu Ono, Kazuyuki Nagatsu, Tomonori Okamura, NATIONAL CEREBROVASCULAR AND CARDIOVASCULAR CENTER, Suita, Japan

Poster Board Number P47 / Presentation Number Th P47
B-Type Natriuretic Peptide Level is a Better Predictor of Stroke Risk in Patients with Atrial Fibrillation
Vijayanes Natarajan, John H Stroger Hosp of Cook County, Chicago, IL; Heather Gage, Anna Demopoulos, George Karam, Rush Univ Medical Ctr, Chicago, IL; Rami Doukkly, Rush Univ Medical Ctr and John H Stroger Hosp of Cook County, Chicago, IL

Poster Board Number P48 / Presentation Number Th P48
Newly Diagnosed Atrial Fibrillation among Different Subtypes of Ischemic Stroke and Transient Ischemic Attack
Patricia M Riccio, Francisco Klein, Luciano A Saposato, FAVALORO FOUNDATION, Buenos Aires, Argentina

Poster Board Number P49 / Presentation Number Th P49
Stroke Risk in Persons with Heart Failure: The REGARDS Study
Patrick Pullicino, Univ of Kent, Canterbury, United Kingdom; Leslie McClure, Univ of Birmingham, Birmingham, AL; Virginia Howard, Virginia G Wadley, Monica Safford, Univ of Alabama, Birmingham, AL; James Meschia, Mayo Clinic, Jacksonville, FL; Aaron Anderson, George Howard, Univ of Alabama, Birmingham, AL; Elsayed Soliman, Wake Forest Univ, Winston-Salem, NC

Poster Board Number P50 / Presentation Number Th P50
Left Ventricular Dysfunction is associated with Cerebral Grey Matter Injury: Results of an in-vivo Brain MRI Segmentation Study
Pratik Bhattacharya, Fen Bao, Megha Shah, Gautam Ramesh, Ramesh Madhavan, Omar Khan, WAYNE STATE UNIVERSITY, Detroit, MI
Poster Board Number P51 / Presentation Number Th P51
Frequency and Progression of Cerebral Microbleeds among Patients with Stroke Due to Endocarditis
Hermelinda G Abcede, Jeffrey L Saver, Latisha K Ali, Sarah Song, Radoslav Raychev, Peter Adamczyk, Noriko Salamon, David S Liebeskind, UCLA Stroke Ctr, Los Angeles, CA

Poster Board Number P52 / Presentation Number Th P52
High Incidence of Vascular Risk Factors and Small Vessel Disease in Young Patients with Stroke
William J Hicks II, Nusrat Harun, Renganayaki Pandurengan, Tzu-Ching Wu, Vivek Misra, George Lopez, Nicole R Gonzales, Andrew D Barreto, James G Grotta, Sean I Savitz, Univ of Texas Health Science Ctr at Houston, Houston, TX

Poster Board Number P53 / Presentation Number Th P53
Severity of Leukoaraiosis in Large Vessel Atherosclerotic Disease
Aurauma Chutinet, Alessandro Biffi, Kaitlin M Fitzpatrick, Allison Kanakis, Karen L Furie, Natalia S Rost, Massachusetts General Hosp, Boston, MA

Poster Board Number P54 / Presentation Number Th P54
The Cream&Sugar Study: Elevated Glucose Levels, But Not Triglycerides, Are Associated With More Severe White Matter Disease In Acute Ischemic Stroke Patients
Christopher O Leonards, Jochen B Fiebach, Charité Universmedizin, Berlin, Germany; Christian Werner, Ulrich Laufs, Saarland Univ Hosp, Homburg, Germany; Matthias Endres, Martin Ebinger, Charité Universmedizin, Berlin, Germany

Poster Board Number P55 / Presentation Number Th P55
Soda Consumption and Risk of Vascular Events in the Northern Manhattan Study
Hannah Gardener, Tatjana Rundek, Clinton Wright, Univ of Miami Miller Sch of Med, Miami, FL; Julio Vieira, Mitchell S Elkind, Columbia Univ, New York, NY; Ralph L Sacco, Univ of Miami Miller Sch of Med, Miami, FL

Poster Board Number P56 / Presentation Number Th P56
Subclinical Stroke Symptoms and Diabetes in the REasons for Geographic And Racial Differences in Stroke (REGARDS) Study
Monika M Safford, George Howard, Univ of Alabama at Birmingham, Birmingham, AL; James Meschia, Mayo clinic, Jacksonville, FL; Linda Williams, Roudebush VA Medical Ctr, Indianapolis, IN; Ronald Prineas, Wake Forest Univ, Winston-Salem, NC; Virginia Howard, Univ of Alabama at Birmingham, Birmingham, AL; Brett Kissela, Univ of Cincinnati, Cincinnati, OH; Paul Muntner, Univ of Alabama at Birmingham, Birmingham, AL

Poster Board Number P57 / Presentation Number Th P57
Prestroke Glycemic Control Predicts Functional Outcome in Ischemic Stroke: The Fukuoka Stroke Registry (FSR)
Takayuki Matsuki, Dept of Cerebrovascular Disease, Nippon Steel Yawata Memorial Hosp, Kitakyushu, Japan; Masahiro Kamouchi, Dept of Med and Clinical Science, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan; Shigeru Fujimoto, Juro Jinnouchi, Dept of Cerebrovascular Disease, Nippon Steel Yawata Memorial Hosp, Kitakyushu, Japan; Jun Hata, Dept of Environmental Med, Graduate Sch of Medical Sciences, Kyushu university, Fukuoka, Japan; Tetsuro Ago, Dept of Med and Clinical Science, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan; Seizo Sadoshima, Dept of Cerebrovascular Disease, Nippon Steel Yawata Memorial Hosp, Kitakyushu, Japan; Takanari Kitazono, Dept of Med and Clinical Science, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan

Poster Board Number P58 / Presentation Number Th P58
Consciousness Impairment in a Consecutive Series of 1436 Acute Ischemic Strokes
Serban-George Puricel, Neurology Service, Ctr Hospier Univire Vaudois and Univ of Lausanne, Lausanne, Switzerland; Mohamed Faouzi, Inst of Social and Preventive Med, Ctr Hospier Univire Vaudois and Univ of Lausanne, Lausanne, Switzerland; Patrik Michel, Neurology Service, Ctr Hospier Univire Vaudois and Univ of Lausanne, Lausanne, Switzerland

Poster Board Number P59 / Presentation Number Th P59
Predictors of Short Term Clinical Outcome Following Stroke in the Young: Data from a Tertiary Care Center in the US “Stroke Belt”
Clotilde Balucani, Virginia Howard, George Howard, Georgios Tsvigoulis, Karen Albright, Alexis Jernigan, April Sisson, Maruthi Kesani, Kristian Barlinn, Luis Cava, Paola Palazzo, Andrei Alexandrov, Anne Alexandrov, Univ of Alabama at Birmingham, Birmingham, AL

Poster Board Number P60 / Presentation Number Th P60
Mortality Prediction Across Stroke Type: Does Including CT Findings for ICH Cases Improve Model Performance?
Darin B Zahuranec, Brisa N Sanchez, Devin L Brown, Jeffery J Wing, William J Meurer, Lewis B Morgenstern, Lynda D Lisabeth, UNIV MICHIGAN HEALTH SYSTEM, Ann Arbor, MI

Poster Board Number P61 / Presentation Number Th P61
Association Between Cerebral And Peripheral Artery Atherosclerosis In Patients With Ischemic Stroke
Jinkwon Kim, Dong Hyun Lee, Hyo Suk Nam, Young Dae Kim, Myoung Jin Cha, Ji Hoe Heo, Yonsei Univ Coll of Med, Seoul, Korea, Republic of

Poster Board Number P62 / Presentation Number Th P62
Low Ankle-brachial Index Is A Predicting Factor For Initial Severity Of Acute Ischemic Stroke
Dong Hyun Lee, Jinkwon Kim, Young Dae Kim, Hyo Suk Nam, Ji Hoe Heo, Severance Hosp, Seoul, Korea, Republic of

Poster Board Number P63 / Presentation Number Th P63
Reversed Robin Hood Syndrome Is Associated with Early Risk of Stroke Recurrence
Georgios Tsvigoulis, Dept of Neurology, Democritus Univ of Thrace, Sch of Med, Alexandroupolis, Greece; Paola Palazzo, Neurologia Clinica, Univ Campus Bio-Medico, Rome, Italy; Clotilde Balucani, Comprehensive Stroke Ctr, Univ of Alabama at Birmingham Hosp, Birmingham, AL; Ioannis Heliopoulos, Dept of Neurology, Democritus Univ of Thrace, Sch of Med, Alexandroupolis, Greece; Kristian Barlinn, Luis Cava, Limin Zhao, Yi Zhang, Comprehensive Stroke Ctr, Univ of Alabama at Birmingham Hosp, Birmingham, AL; Dimitrios Athanasiadis, 3rd Surgical Dept, Vascular Unit, Attikon Teaching Hosp, Univ of Athens, Athens, Greece; Konstantinos Vakidilas, Dept of Neurology, Democritus Univ of Thrace, Sch of Med, Alexandroupolis, Greece; Anne W Alexandrov, Andrei V, Alexandrov, Comprehensive Stroke Ctr, Univ of Alabama at Birmingham Hosp, Birmingham, AL

Poster Board Number P64 / Presentation Number Th P64
Stroke Incidence, Usage Rate Of Iv T-pa, And In-hospital Mortality Of 474,415 Citizens In Kurashiki-city, Japan
Yasuuki Iguichi, Kazumi Kimura, Keichi Sone, Hiroshi Miura, Hiroshi Endo, Sen Yamagata, Hisashi Koida, Kenji Suzuki, Tomochiro Kimura, Masaru Sakurai, Nobuyuki Mishima, Kenji Yoshii, Hiroyuki Fujisawa, Sunao Ebisutani, Kurashiki Stroke Registry Investigators, Kurashiki, Japan
Diagnosis Posters II

Poster Board Number P75 / Presentation Number Th P75
Simultaneous Detection Of NR2 Peptide And Antibody Differentiate Ischemic Stroke And Reveal Intracerebral Hemorrhage Accompanied With Ischemic Complications Within 45 Hours Of Hyper-acute Stroke
Svetlana A Dambinova, Kennesaw State Univ, Kennesaw, GA

Poster Board Number P76 / Presentation Number Th P76
Recanalization and Collaterals Predict Outcome in Proximal MCA Occlusion, but neither Penumbra nor Core of Stroke
Céline Odier, Patrik Michel, CHUV, Lausanne, Switzerland

Poster Board Number P77 / Presentation Number Th P77
Prediction of Recurrent Vascular Events Following Transient Ischemic Attack: DWI, PWI and Serum Biomarkers of Brain Ischemia
Christen D Barras, Aleksandra M Pavlovic, Soren Christensen, Natalia Perez de la Ossa, Brian M Tress, Patricia M Desmond, Ian Gordon, Peter J Hand, Stephen M Davis, Univ of Melbourne, Melbourne, Australia

Poster Board Number P78 / Presentation Number Th P78
Predictors and Accuracy of Abnormal CT Perfusion in 1296 Consecutive Acute Ischemic Stroke Patients
Nuno M Inácio, Hosp Fernando Fonseca, Amadora, Portugal; Reto Meuli, Philippe Maeder, CHUV - Service of Diagnostic and Interventional Radiology, Lausanne, Switzerland; Mohamed Faouzi, Inst of Social and Preventive Med, Lausanne, Switzerland; Max Winterrack, Dept of Radiology, Div of Neuroradiology, Charlottesville, VA; Patrik Michel, CHUV - Neurology Service, Lausanne, Switzerland

Poster Board Number P79 / Presentation Number Th P79
Persistence of Hyperdense Middle Cerebral Artery Sign on Follow-up CT Scan is Associated with Poor Outcome in Ischemic Stroke Patients Treated with Intravenous Thrombolysis
Prakash P Paliwal, Aftab Ahmad, Shen Liang, Leonard L Yeo, Pei K Loh, Kay W Ng, Lily Y Wong, Su Jie, Mahendran Mallapan, Benjamin K Ong, N Venkatasubramanian, Hock L Teoh, Vincent F Chong, Eric Tan, Arvind K Sinha, Bernard P Chan, Vijay K Sharma, Natl Univ Hosp, Singapore, Singapore
Prognostic Value of Whole Brain Volume Perfusion CT in Acute Stroke <6h after Symptom Onset
Peter Schramm, Sarah Fischer, Ramona Schramm, Marios N Psychogios, Univ Med Goettingen, Goettingen, Germany; Ernst Klotz, Siemens Healthcare Sector, Forchheim, Germany; Klaus Jung, Univ Med Goettingen, Goettingen, Germany; Gunter Erb, Bracco Imaging Deutschland GmbH, Konstanz, Germany; Michael Knauth, Univ Med Goettingen, Goettingen, Germany

Combination of Neurovascular Imaging Modalities for Evaluation of Patients with Stroke
Ameer E Hassan, Saqib A Chaudhry, Fahd Sultan, Gabriella Vazquez, Shujaat Khalil, Muhammad Ansar, M Fareed K Suri, Mustapha A Ezzeddine, Adnan I Qureshi, Zeenat Qureshi Stroke Res Ctr, Univ of Minnesota, Minneapolis, MN

CT Assessment Of Blood Brain Barrier Permeability And Risk Of Haemorrhagic Transformation In Ischaemic Stroke
Adam J Couves, Ferghal McVerry, Niall J Macdougall, Krishna A Dani, Keith W Muir, Univ Of Glasgow, Glasgow, United Kingdom

Does Threshold Based Segmentation of MRI Correlate with Visual Reading of Ischemia and Perfusion Deficit in Acute Scans?
Marie Luby, Sundee Boparai, John K Lynch, José G Merino, Lawrence L Latour, Shlee S Song, Amie W Hsia, Steven Warach, NINDS, Bethesda, MD

E-learn CT Angiography: a Virtual Training Ground Prepares for Stroke Imaging
Inger Havsteen, Anders F Christensen, Jens K Nielsen, Derk Krieger, Louisa Christensen, Hanne Christensen, Copenhagen Univ Hosp Bispebjerg, Copenhagen, Denmark

MR Perfusion And Reperfusion As Predictors Of Hemorrhagic Transformation In Hyper-Acute Ischemic Stroke: A Voxel-Based Analysis
Andria L Ford, Washington Univ, St Louis, MO; Hongyu An, Univ of North Carolina, Chapel Hill, NC; John J Lee, Rosana Ponisio, Washington Univ, St Louis, MO; Hongtu Zhu, Univ of North Carolina, Chapel Hill, NC; 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

Early Performance of MRI reduces the rate of Stroke Misdiagnosis in Young Adults
Pratik Bhattacharya, Nandakumar Nagaraja, Kumar Rajamani, Ramesh Madhavan, Sunita Santhakumar, Seemant Chaturvedi, WAYNE STATE UNIVERSITY, Detroit, MI

Diffusion Imaging 24 Hours After Stroke Onset Accurately Represents Final Infarct Volume
Bruce C Campbell, Depts of Med and Radiology, Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia; Hans T Tu, Dept of Med, Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia; Soren Christensen, Patricia M Desmond, Dept of Radiology, Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia; Christopher R Levi, Dept of Neurology and Hunter Medical Res Inst, John Hunter Hosp, Univ of Newcastle, Newcastle, Australia; Christopher F Bladin, Depts of Neurology, Box Hill Hosp, Monash Univ, Melbourne, Australia; Neilis Hjort, Mahmoud Ashkanian, Christine Solling, Ctr of Functionally Integrative Neuroscience, Dept of Neuroradiology, Århus Univ Hosp, Århus, Denmark; Geoffrey A Donnan, Florey Neuroscience Insts, Univ of Melbourne, Parkville, Australia; Stephen M Davis, Depts of Med, Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia; Leif Østergaard, Ctr of Functionally Integrative Neuroscience, Dept of Neuroradiology, Århus Univ Hosp, Århus, Denmark; Mark W Parsons, Dept of Neurology and Hunter Medical Res Inst, John Hunter Hosp, Univ of Newcastle, Newcastle, Australia

Utility of the NIHSS Exam and Cortical Score to Predict New Cortical Stroke on MRI
Sean I Savitz, Univ of Texas - Houston, Houston, TX; Karen C Albright, Univ of Alabama - Birmingham, Birmingham, AL; Sheryl Martin-Schild, Tulane Univ Sch of Med, New Orleans, LA

Can We Rely On Negative Diffusion Weighted Imaging?
Benjamin A Hotter, Anna Kufner, Uwe Malzahn, Gerhard J Junghuelsen, Jochen B Fiebach, Charité Univ Hosp Berlin, Berlin, Germany

Hyperintense ICA Sign: A Marker For Worse Stroke Outcome
Peter Adamczyk, Jeffrey L Saver, Qing Hao, UCLA Medical Ctr, Los Angeles, CA; Nerses Sanossian, Univ of Southern California, Los Angeles, CA; Noriko Salamon, Rana Fiaz, Latisha K Ali, Doojin Kim, Bruce Ovbiagele, Sidney Starkman, Paul Vespa, Sarah Song, Radoslav Raychev, Hermelinda G Abcede, Nestor Gonzalez, Satoshi Tateshima, Reza Jahan, Gary R Duckwiler, Fernando Vinuela, David S Liebeskind, UCLA Medical Ctr, Los Angeles, CA; UCLA Stroke Investigators

Optical Measurements of Cerebral Hemodynamics in Acute Cortical Stroke
Christopher G Favilla, Rickson Mesquita, Meeri Kim, Joel H Greenberg, John A Detre, Arjun G Yodh, Michael T Mullen, Neelofer Shafi, Scott E Kasner, Univ of Pennsylvania, Philadelphia, PA

Anterior Choroidal Artery Diffusion-Weighted Imaging Patterns at Onset Predict Disability from Carotid Occlusion
Meng Lee, Chang Gung Memorial Hosp, Chiayi, Taiwan; Jeffrey L Saver, Qing Hao, Sidney Starkman, UCLA Stroke Ctr, Los Angeles, CA; Noriko Salamon, UCLA Medical Sch, Los Angeles, CA; Latisha K Ali, Doojin Kim, Bruce Ovbiagele, Sarah Song, Radoslav Raychev, Radoslav Raychev, Linda Abcede, Rana Fiaz, David S Liebeskind, UCLA Stroke Ctr, Los Angeles, CA; UCLA Stroke Investigators

Thrombus Hounsfield Units on Thin-Section Noncontrast CT Predicts Early Vascular Recanalization and Stroke Subtype After Thrombolysis
Josep Puig, Dept of Radiology (IDI), Girona Biomedical Res Inst, Hosp Universitari de Girona Dr Josep Trueta, Girona, Spain; Josep Daunis-i-Estadella, Dept of Informatics and Applied Mathematics, Univ of Girona,
The Value of CT Perfusion (CTP) Prognostic Maps in Predicting Reversible and Irreversible Neurological Dysfunction Following Reperfusion Therapies
Limin Zhao, Kristian B Barliinn, Karen C Albright, Maruthi Kesani, Kara A Sands, Michael J Lyerly, Luis F Cava, Clotilde Balucani, Anne W Alexandrov, Comprehensive Stroke Ctr, Univ of Alabama Hosp, Birmingham, AL; Mark R Harrigan, Dept of Neurosurgery, Univ of Alabama Hosp, Birmingham, AL; Joseph A Horton, Dept of Radiology, Univ of Alabama Hosp, Birmingham, AL; Damon E Patterson, Andrei V Alexandrov, Comprehensive Stroke Ctr, Univ of Alabama Hosp, Birmingham, AL

Poster Board Number P97 / Presentation Number Th P97
Qualitative Evaluation of Mismatch in Acute Stroke Using CT and MRI Perfusion Do Readers Agree? Do Modalities Agree?
Mikayel Grigoryan, Gregory W Albers, Roland Bammer, Matus Straka, Michael Mlynash, Stephanie Kemp, Stanford Stroke Ctr, Palo Alto, CA; Lawrence Wechsler, UMPC Stroke Inst and Dept of Neurology, Pittsburgh, PA; Demi Thai, Maarten Lansberg, Stanford Stroke Ctr, Palo Alto, CA

Poster Board Number P98 / Presentation Number Th P98
Clot Or Not: Using The Sigmoid Plate Sign On Head CT to Differentiate Transverse Sinus Thrombosis from a Congenitally Atretic Cerebral Transverse Sinus
Yolanda Chik, JOHNS HOPKINS HOSPITAL, Baltimore, MD; Rebecca F Gottesman, JOHNS HOPKINS BAYVIEW MED CTR, Baltimore, MD; Steven Zeiler, JOHNS HOPKINS HOSPITAL, Baltimore, MD; Jason Rosenberg, Rafael H Llinas, JOHNS HOPKINS BAYVIEW MED CTR, Baltimore, MD

Poster Board Number P99 / Presentation Number Th P99
MRI As Witness: Ready For Prime-time?
Ona Wu, Massachusetts General Hosp, Boston, MA; Shlee S Song, Carsten Ritter, Lawrence L Latour, Natl Inst of Neurological Diseases and Stroke, Natl Insts of Health, Bethesda, MD; Albert J Yoo, Svetlana Lorenzano, Zeshan A Chaudhry, A Gregory Sorensen, Lee H Schwamm, Massachusetts General Hosp, Boston, MA; Steven Warach, Natl Inst of Neurological Diseases and Stroke, Natl Insts of Health, Bethesda, MD; MR WITNESS Investigators

Poster Board Number P100 / Presentation Number Th P100
Value of Computed Tomography Perfusion Imaging in Evaluation of Patients with Transient Ischemic Attack
Haralabos Zacharatos, Ameer E Hassan, Saqib A Chaudhry, Mushtaq Qureshi, Rizwan Husain, M Fareed K Suri, Mustapha A Ezzeddine, Adnan I Qureshi, Zeeat Qureshi Stroke Res Ctr, Univ of Minnesota, Minneapolis, MN

Cerebral Blood Flow Quantification Utilizing Pseudo-Continuous Arterial Spin Labeling in Acute Stroke Patients
Daymara A Hernandez, Section on Stroke Diagnostics & Therapeutics, NINDS, Bethesda, MD; Reindou P Bokkers, Dept of Radiology, UMC Utrecht, Utrecht, Netherlands; Raymond V Mirasol, Marie Luby, Eric Henning, Section on Stroke Diagnostics & Therapeutics, NINDS, Bethesda, MD; Josè G Merino, Suburban Hosp Stroke Program, Bethesda, MD; Steven Warach, Lawrence L Latour, Section on Stroke Diagnostics & Therapeutics, NINDS, Bethesda, MD

Poster Board Number P102 / Presentation Number Th P102
A Regional Model of Collateral Perfusion Accurately Predicts Tissue Fate in Acute Ischemic Stroke
David S Liebeskind, Fabien Scalzo, Qing Hao, Jeffry R Alger, Xiao Hu, UCLA, Los Angeles, CA; for the UCLA Collateral Investigators

Poster Board Number P103 / Presentation Number Th P103
Optimizing Arterial Input Functions in Acute Stroke MRI – A Comparison With O15-Water-PET
Olivier Zaro-Weber, Wolf-Dieter Heiss, Max-Planck-Institut for Neurological Res, Cologne, Germany; Jan Sobesky, Ctr for Stroke Res and Dept of Neurology, Charité, Univmedizin Berlin, Berlin, Germany

Poster Board Number P104 / Presentation Number Th P104
Delayed Perfusion Predicts the Volume of the Perfusion Lesion
Andrew Bivard, Christopher Levi, Neil Spratt, Mark W Parsons, Univ of Newcastle, Newcastle, Australia

Poster Board Number P105 / Presentation Number Th P105
Oxygen Challenge MRI Provides a Measure of the Underlying Haemodynamic and Metabolic State of the Tissue
Krishna Dani, Rosario Lopez, Celestine Santosh, David Brennam, Christopher McCabe, William Holmes, Univ of Glasgow, Glasgow, United Kingdom; Barrie Condon, Donald Hadley, Inst of Neurological Sciences, Glasgow, United Kingdom; Mhairi Macrae, Keith Muir, Univ of Glasgow, Glasgow, United Kingdom

Poster Board Number P106 / Presentation Number Th P106
DWI-ASPECTS vs CT-ASPECTS in Hyper-acute Stroke Patients
Mutsumi Mitomi, Hiratsuka Kyosai Hosp, Hiratsuka, Japan; Junya Aoki, Yasuyuki Iguchi, Kazumi Kimura, Dept of Stroke Med, Kawasaki Medical Sch, Kurashiki, Japan

Poster Board Number P107 / Presentation Number Th P107
Test-Retest Reproducibility of Cerebral Blood Flow Measurements Using Pseudo-continuous Arterial Spin labeling at 15T
chul-ho sohn, Ji-Hoon Kim, Seung Hong Choi, Moon Hee Han, Kee-Hyun Chang, In-chan Song, Seoul Natl Univ Hosp, Seoul, Korea, Republic of; Geon-Ho Jahng, East-West Neo Medical Ctr, Kyung-He university, Seoul, Korea, Republic of; Tae-Jin Yun, Seoul Natl Univ Hosp, Seoul, Korea, Republic of

Poster Board Number P108 / Presentation Number Th P108
The Superiority of MRI over CT in the Diagnosis of Acute Ischemic Stroke Increases with Patient Age
Carsten H Ritter, Natl Insts of Health, Bethesda, MD; Julio A Chalela, Medical Univ of South Carolina, Charleston, SC; John A Butman, Natl Insts of Health, Bethesda, MD; Andrew M Demchuk, Michael D Hill, Foothills Medical Ctr, Calgary, AB, Canada; Nicholas Patronas, Steven Warach, Natl Insts of Health, Bethesda, MD
Validation of an Automated Perfusion-Diffusion Lesion Assessment Tool
Trevor A Steve, Negar Asdagh, Thomas Jeerakathil, Michael E Knash, Bilal Hameed, Christian Beaulieu, Ashfaq Shuaib, Derek Emery, Kenneth S Butcher, Univ of Alberta, Edmonton, AB, Canada

Secondary Signal Changes And Apparent Diffusion Coefficient Decrease Of The Substantia Nigra Following Striatal Infarction
Makoto Nakajima, Yuichiro Inatomi, Toshiro Yonehara, Saiseikai Kumamoto Hosp, Kumamoto, Japan; Teruyuki Hirano, Makoto Uchino, Faculty of Life Sciences, Kumamoto Univ, Kumamoto, Japan

Acute Stroke Core on Perfusion and Diffusion Images
Matus Straka, Stanford Univ Dept of Radiology, Stanford, CA; Maarten G Lansberg, Michael Mlynash, Stephanie M Kemp, Demi Thai, Gregory W Albers, Stanford Stroke Ctr, Stanford, CA; Roland Bammer, Stanford Univ Dept of Radiology, Stanford, CA

Simultaneous Multiple Lacunar Infarction: Is it different disease entity from Single Lacunar Infarction?
Joon Hwa Lee, Young Jin Kim, Yeonsil Moon, Hahn Young Kim, Konkuk Univ Hosp, Seoul, Korea, Republic of

CT Perfusion Source Images are Superior to CT Angiography for Rapid Evaluation of Collateral Status
David S Liebeskind, UCLA, Los Angeles, CA; Nerses Sanossian, USC, Los Angeles, CA; Qing Hao, Noriko Salamon, Jeffrey L Saver, UCLA, Los Angeles, CA; for the UCLA Collateral Investigators

Delay in Evaluation and Treatment of Posterior Circulation Stroke Compared with Anterior Circulation Stroke
Amrou Sarraj, Sarah K Medrek, Alexandra Garza, John F Pruitt, Jeffery Rhodes, Nusrat Harun, Susan Alderman, Melvin R Sline, Renganayaki Pandurengan, Ramy El Khoury, Tzu-Ching Wu, George Lopez, Andrew Barreto, Nicole R Gonzales, James C Grotta, Sean Savitz, UT Houston, Houston, TX

Does Intracerebral Hemorrhage Mimic Benign Dizziness Presentations? A Population Based Study
Kevin A Kerber, James Burke, Devin Brown, William Meurer, Melinda Smith, Lynda Lisabeth, Lewis Morgenstern, Darin Zahuranc, Univ of Michigan, Ann Arbor, MI

Practice Variation in the Use of Neuroimaging Studies to Evaluate Emergency Department (ED) Patients with a Chief Complaint of Dizziness
Anthony Kim, UCSF, San Francisco, CA; Steve Sidney, Kaiser Permanente Div of Res, Oakland, CA; Jeffery G Klingman, Kaiser Permanente Medical Ctr, Walnut Creek, CA; S Claiborne Johnston, UCSF, San Francisco, CA

Transient Isolated Dysphasia is Associated With a High Rate of Potential Cardiac Sources for Embolism
Jason K Wasserman, Univ of Ottawa, Ottawa Hosp Res Inst, Ottawa, ON, Canada; Jeff J Perry, Dar Dowlatshahi, Grant Stotts, The Ottawa Hosp, Ottawa Hosp Res Inst, Ottawa, ON, Canada; Marco Sivitelli, Queens Univ Dept Emergency Med, Kingston, ON, Canada; Andrew Worster, McMaster Univ, Dept Emergency Med, Hamilton, ON, Canada; Marcel Emond, Laval Univ, Dept Emergency Med, Quebec, QC, Canada; Jane Sutherland, Ottawa Hosp Res Inst, Ottawa, ON, Canada; Ian Stiell, Mukul Sharma, The Ottawa Hosp, Ottawa Hosp Res Inst, Ottawa, ON, Canada

Does Intracerebral Hemorrhage Mimic Benign Dizziness Presentations?
Poster Board Number P116 / Presentation Number Th P116
Anthony Kim, UCSF, San Francisco, CA; Steve Sidney, Kaiser Permanente Div of Res, Oakland, CA; Jeffery G Klingman, Kaiser Permanente Medical Ctr, Walnut Creek, CA; S Claiborne Johnston, UCSF, San Francisco, CA

Emergency Medicine Posters II

Poster Board Number P114 / Presentation Number Th P114
Delay in Evaluation and Treatment of Posterior Circulation Stroke Compared with Anterior Circulation Stroke
Amrou Sarraj, Sarah K Medrek, Alexandra Garza, John F Pruitt, Jeffery Rhodes, Nusrat Harun, Susan Alderman, Melvin R Sline, Renganayaki Pandurengan, Ramy El Khoury, Tzu-Ching Wu, George Lopez, Andrew Barreto, Nicole R Gonzales, James C Grotta, Sean Savitz, UT Houston, Houston, TX

Poster Board Number P115 / Presentation Number Th P115
Does Intracerebral Hemorrhage Mimic Benign Dizziness Presentations? A Population Based Study
Kevin A Kerber, James Burke, Devin Brown, William Meurer, Melinda Smith, Lynda Lisabeth, Lewis Morgenstern, Darin Zahuranc, Univ of Michigan, Ann Arbor, MI

Poster Board Number P116 / Presentation Number Th P116
Practice Variation in the Use of Neuroimaging Studies to Evaluate Emergency Department (ED) Patients with a Chief Complaint of Dizziness
Anthony Kim, UCSF, San Francisco, CA; Steve Sidney, Kaiser Permanente Div of Res, Oakland, CA; Jeffery G Klingman, Kaiser Permanente Medical Ctr, Walnut Creek, CA; S Claiborne Johnston, UCSF, San Francisco, CA

Poster Board Number P117 / Presentation Number Th P117
Transient Isolated Dysphasia is Associated With a High Rate of Potential Cardiac Sources for Embolism
Jason K Wasserman, Univ of Ottawa, Ottawa Hosp Res Inst, Ottawa, ON, Canada; Jeff J Perry, Dar Dowlatshahi, Grant Stotts, The Ottawa Hosp, Ottawa Hosp Res Inst, Ottawa, ON, Canada; Marco Sivitelli, Queens Univ Dept Emergency Med, Kingston, ON, Canada; Andrew Worster, McMaster Univ, Dept Emergency Med, Hamilton, ON, Canada; Marcel Emond, Laval Univ, Dept Emergency Med, Quebec, QC, Canada; Jane Sutherland, Ottawa Hosp Res Inst, Ottawa, ON, Canada; Ian Stiell, Mukul Sharma, The Ottawa Hosp, Ottawa Hosp Res Inst, Ottawa, ON, Canada

Poster Board Number P118 / Presentation Number Th P118
Sudden Headache Preceding Cardiac Arrest: Frequency and Underlying Cause Evaluated with Post-Resuscitation CT Scan
Joji Inamasu, Masashi Nakatsukasa, Saiseikai Utsunomiya Hosp, Utsunomiya, Japan

Poster Board Number P119 / Presentation Number Th P119
Early Clinical Deterioration of Stroke Patients Assessed in the Field within Two Hours of Symptom Onset
Nerses Sanossian, Univ of Southern California, Los Angeles, CA; Sidney Starkman, UCLA Stroke Ctr, Los Angeles, CA; Scott Hamilton, Stanford Univ, Palo Alto, CA; David S Liebeskind, UCLA Stroke Ctr, Los Angeles, CA; Marc Eckstein, Univ of Southern California, Los Angeles, CA; Samuel Stratton, Univ of California Los Angeles, Los Angeles, CA; Frank Pratt, Los Angeles County Fire Dept, Los Angeles, CA; Lucas Restrepo, Latisa K Ali, UCLA Stroke Ctr, Los Angeles, CA; Robin Conwit, Natl Insts of Health, Bethesda, MD; Jeffrey L Saver, UCLA Stroke Ctr, Los Angeles, CA; FAST-MAG Investigators and Coordinators

Poster Board Number P120 / Presentation Number Th P120
Association between Time Spent in the Emergency Department and Stroke Outcome
Alexandros Georgiadis, Muhammad Ansar, Saqib A Chaudhry, Fahd Sultan, Silvina B Tonarelli, Michael Tibbs, Gabriela Vazquez, Laura C Dees, Adnan I Qureshi, Zeenat Qureshi Stroke Res Ctr,Univ of Minnesota, Minneapolis, MN

Poster Board Number P121 / Presentation Number Th P121
Low dose rFVIIa Could effectively Reverse Elevated INR but Did not Chang The Outcome of Patients on Warfarin who Developed Intracerebral hemorrhages
David Z Wang, OSF/INI/UNIV OF ILLINOIS COLL OF MED, Peoria, IL; Ammie K Hodges, OSF Saint Francis Medical Ctr, Peoria, IL; Deepak S Nair, OSF/INI/UNIV OF ILLINOIS COLL MED, Peoria, IL; Jan L Jahnel, Maureen L Mathews, Judi M Beck, OSF/INI/SFMC, Peoria, IL; Mikalynn Katlack, Richwoods High Sch, Peoria, IL; Arun V Talkad, OSF/INI/UNIV OF ILLINOIS COLL OF MED, Peoria, IL

Poster Board Number P122 / Presentation Number Th P122
Oral Anticoagulant Use and Decreasing Hematocrit are Significantly Associated with Discrepant ED Point-of-care INR Results in Patients with Acute Cerebrovascular Disease
Sunanda Nanduri, Allegheny General Hosp, Pittsburgh, PA; Gajanan Hegde, Univ of Pittsburgh, Katz Graduate Sch of Business, Pittsburgh, PA; Arvind Venkat, Sandy Daley, Jack Protetch, Melissa Tian, Ashish Tetal, Allegheny General Hosp, Pittsburgh, PA

Poster Board Number P123 / Presentation Number Th P123
Multimodal Predictors of Massive Ischemic Stroke
Olivier Bill, Philippe Zufferey, Mohamed Fauouzi, Patrik Michel, CHUV, Lausanne, Switzerland
Factors Affecting Inequality In Acute Stroke Care In An Urban Hospital
Jose R Romero, Helena Lau, Aleksandra Pikula, Haroot Artinian, Thanh Nguyen, Mathew Ogrodnik, Feliks Koyfman, Carlos S Kase, Viken L Babikian, Boston Univ Sch of Med, Boston, MA

TeleStroke 2010: A Survey of Currently Active Stroke Telemedicine Programs in the US
Gisele S Silva, Univ Federal de São Paulo, São Paulo, Brazil; Anand Viswanathan, Emma Shandra, Lee H Schwamm, Massachusetts General Hosp, Boston, MA

Acute Stroke Patients Benefit from Emergency Transfer within a Telemedicine Stroke Network
Jessica Kepplinger, Imanuel Dzialowski, Volker Puetz, Christiane Lautenschlaeger, Hjordis Hentschel, Hauke Schneider, Martin Wolz, Thorsten Schultheiss, Dept of Neurology, Dresden Univ Stroke Ctr, Dresden, Germany; Gabriele Schackert, Dept of Neurosurgery, Dresden Univ Stroke Ctr, Dresden, Germany; Ruediger von Kummer, Dept of Neuroradiology, Dresden Univ Stroke Ctr, Dresden, Germany; Ulf Becker, Dept of Neurology, Dresden Univ Stroke Ctr, Dresden, Germany

Variability in the Quality of TeleStroke Informed Consent for IV-TPA
Lisa E Thomas, Anand Viswanathan, Massachusetts General Hosp, Boston, MA; Thomas Cochrane, Brigham & Women’s Hosp, Boston, MA; John Johnson, Marilyn McMahon, Janine Marie Santimauro, Lee Schwamm, Massachusetts General Hosp, Boston, MA

Organization of a US County System for Acute Stroke Care
Steven C Cramer, Univ of California, Irvine, Irvine, CA, CA; Dana Stradling, Univ of California Irvine, Orange, CA, CA; David M Brown, Hoag Memorial Hosp Presbyterian Hosp, Newport Beach, CA; Ignacio M Carrillo-Nunez, Fountain Valley Regional Hosp and Medical Ctr, Fountain Valley, CA; Anthony Ciabarra, St Jude Medical Ctr, Fullerton, CA; Michael Cummings, Mission Hosp, Mission Viejo, CA; Richard Dauben, St Joseph Hosp, Orange, CA; David L Lombardi, Western Medical Ctr Santa Ana, Santa Ana, CA; Nirav Patel, Los Alamitos Medical Ctr, Los Alamitos, CA; Elizabeth N Traynor, Saddleback Memorial Medical Ctr, Laguna Hills, CA; Stephen Waldman, St Jude Medical Ctr, Fullerton, CA; Ken Miller, Samuel J Stratton, Orange County Emergency Medical Services, Santa Ana, CA

Data Sharing to Facilitate the Establishment of Stroke Systems of Care in California
David Reyen, Alisa S Kamigaki, California Dept of Public Health, Sacramento, CA; Sang-Mi Oh, American Heart Association/American Stroke Association, San Jose, CA; Gregory H Gilbert, Stanford Univ Sch of Med, Stanford, CA; Lily A Chaput, California Dept of Public Health, Sacramento, CA

A Systemwide Approach to Decreasing Door-to-Needle Times in Acute Stroke
Sandra Narayanan, Wayne State Univ/Detroit Medical Ctr, Detroit, MI; Elizabeth Wall, Rehabilitation Inst of Michigan/Detroit Medical Ctr, Detroit, MI; Suzanne White, Detroit Medical Ctr, Detroit, MI; Andrew Xavier, Seemant Chaturvedi, Wayne State Univ/Detroit Medical Ctr, Detroit, MI

Access Of Rural Hospitals To Acute Stroke Care Through Telemedicine: The Structure Of The Arkansas Saves (stroke Assistance Through Virtual Emergency Support) Telestroke Program
Salah Keyrouz, UAMS, Little Rock, AR; Arkansas SAVES telestroke program

Prevent Controversial Stroke Trial Results by Better Balancing Baseline Covariates
Wenle Zhao, Medical Univ of South Carolina, Charleston, SC

Recruitment of Ischemic Stroke Patients in Clinical trials in General Practice and Implications for Generalizability of Results
M Fareed K Suri, Adnan I Qureshi, Mustapha A Ezzeddine, Zeenat Qureshi Stroke Res Ctr, Univ of Minnesota, Minneapolis, MN

Un-witnessed Stroke: Impact of Different Onset Times on Eligibility into Stroke Trials
Matthew B Maas, Aneesh B Singhal, Massachusetts General Hosp, Boston, MA

Recruitment of Ischemic Stroke Patients in Clinical trials in General Practice and Implications for Generalizability of Results
M Fareed K Suri, Adnan I Qureshi, Mustapha A Ezzeddine, Zeenat Qureshi Stroke Res Ctr, Univ of Minnesota, Minneapolis, MN

Un-witnessed Stroke: Impact of Different Onset Times on Eligibility into Stroke Trials
Matthew B Maas, Aneesh B Singhal, Massachusetts General Hosp, Boston, MA

Challenges in Accessing Medical Records in a Multi-Site Stroke Trial
Theresa Haley, Gillian Devereux, Keta Hodgson, Heavenly Swendsen, Fiona Chatfield, UCLA, Los Angeles, CA; Robin Conwit, NIH, Baltimore, MD; Sidney Starkman, Jeffrey L Saver, UCLA, Los Angeles, CA; FAST-MAG Investigators and Coordinators

P2Y12 Receptors In Ischemic Inflammation: A New Role For Clopidogrel?
Carla Webster, Genentech, South San Francisco, CA; April McManus, MASA and Coordinators

Effect of Normobaric Oxygen Therapy in a Rat Model of Intracerebral Hemorrhage
Aneesh B Singhal, Norio Fujiwara, Emiri T Mandeville, Ken Arai, Eng H Lo, Massachusetts General Hosp, Boston, MA

BNIP3 Mediates Autophagic Neuronal Death in Stroke Through a Mechanism Involving Beclin 1
Ruoyang Shi, Jiequn Weng, Ling Zhao, Jianming Kong, Univ of Manitoba, Winnipeg, MB, Canada
Poster Board Number P141 / Presentation Number Th P141
Selective Inhibition of NR2B-Containing N-methyl D-aspartate Receptors Attenuates Neuronal Injury after Oxygen-Glucose Deprivation in Cultured Cortical Neuron and Permanent Middle Cerebral Artery Occlusion in Rats
Yasukazu Terasaki, Tsutomu Sasaki, Miki Kawamura, Yukio Sugiyama, Naoki Oyama, Emi Omura-Matsuoka, Yoshiki Yagita, Kazuo Kitagawa, Dept of Neurology, Osaka Univ Graduate Sch of Med, Suita, Osaka, Japan

Poster Board Number P142 / Presentation Number Th P142
White Matter Damage After Stroke And The Effect Of Matrix Metalloproteinases in Type-two Diabetic Mice
Jieli Chen, Xu Cui, Alex Zacharek, Yicheng Cui, Cynthia Roberts, Michael Chopp, HENRY FORD HOSPITAL, Detroit, MI

Poster Board Number P143 / Presentation Number Th P143
An experimental Model of Stroke under Oral Anticoagulant Treatment
Walter Pfeilschifter, Daniel Spitzer, Bozena Czech, Helmuth Steinmetz, Christian Fisch, Goethe Univ, Frankfurt, Germany

Poster Board Number P144 / Presentation Number Th P144
Downregulation Of Endothelial Nitric Oxide Synthase Phosphorylation Contributes To Infarct Expansion After Focal Cerebral Ischemia
Yoshiki Yagita, Tsutomu Sasaki, Naoki Oyama, Yukio Sugiyama, Yasukazu Terasaki, Emi Omura-Matsuoka, Kazuo Kitagawa, OSAKA UNIVERSITY GRAD SCHOOL, Osaka, Japan

Poster Board Number P145 / Presentation Number Th P145
High Resolution Rapid Scanning X-ray Fluorescence Imaging To Track SP10 Labeled Neural Stem Cells In An Experimental Stroke Model
Josh Y Chua, Dept of Neurosurgery, Stanford Univ, Stanford, CA; Zane Tymchak, Dept of Neurosurgery, Univ of Saskatchewan, Saskatoon, SK, Canada; Wei Li Zheng, Dept of Radiology, Wayne State Univ, Detroit, MI; Helen Nichol, Dept of Anatomy and Cell Biology, Univ of Saskatchewan, Saskatoon, SK, Canada; Michael Kelly, Dept of Neurosurgery, Univ of Saskatchewan, Saskatoon, SK, Canada; Raphael Guzman, Dept of Neurosurgery, Stanford Univ, Stanford, CA

Poster Board Number P146 / Presentation Number Th P146
Tissue Plasminogen Activator Induces Vasoconstriction in Acute Ischemic Stroke Rat Model
Dong-Wha Kang, Athinoulia A Martins Ctr for Biomedical Imaging, Massachusetts General Hosp, Charlestown, MA; Xiang Fan, Neuroprotection Res laboratory, Massachusetts General Hosp, Charlestown, MA; Woo-Hyun Shim, Kwang-Yeol Baek, Athinoulia A Martins Ctr for Biomedical Imaging, Massachusetts General Hosp, Charlestown, MA; Sung-Cheol Yun, Asan Medical Ctr, Seoul, Korea, Republic of; Seon Joo Kwon, In-Kyong Jeong, Jeong-Kon Kim, Athinoulia A Martins Ctr for Biomedical Imaging, Massachusetts General Hosp, Charlestown, MA; Jae-seung Jeong, Korea Advanced Inst of Science & Technology, Daejeon, Korea, Republic of; Xiaoying Wang, Neuroprotection Res laboratory, Massachusetts General Hosp, Charlestown, MA; Young Ro Kim, Athinoulia A Martins Ctr for Biomedical Imaging, Massachusetts General Hosp, Charlestown, MA

Poster Board Number P147 / Presentation Number Th P147
Elevated Serum Levels of S-100B Reflect Brain Damage and Successful Treatment Effects in a Rabbit Model of Acute Ischemic Stroke
Sean D Woods, Rene Flores, John D Lowery, William C Culp, Univ of Arkansas for Medical Sciences, Little Rock, AR

Poster Board Number P148 / Presentation Number Th P148
Neuroprotective Effect of TAK-937, a Novel Cannabinoid Receptor Agonist, in a Nonhuman Primate Thromboembolic Stroke Model
Motohisa Suzuki, Kazuhiro Hamajo, Noriko Suzuki, Koji Murakami, Tetsuya Tsukamoto, Masato Shimojo, Takeda Pharmaceutical Company Limited, Osaka, Japan

Poster Board Number P149 / Presentation Number Th P149
Granulocyte Colony-Stimulating Factor Enhances Arteriogenesis and Ameliorates Cerebral Damage in a Mouse Model of Ischemic Stroke
Yukio Sugiyama, Yoshiki Yagita, Naoki Oyama, Yasukazu Terasaki, Emi Omura-Matsuoka, Tsutomu Sasaki, Kazuo Kitagawa, Osaka Univ Graduate Sch of Med, Osaka, Japan

Poster Board Number P150 / Presentation Number Th P150
AMPK Regulates Ischemic Cell Death through GSK3-Beta
Sharon Benashski, Jun Li, Louise McCullough, Univ of Connecticut Health Ctr, Farmington, CT

Poster Board Number P151 / Presentation Number Th P151
Vagus Nerve Stimulation Through the External Ear in Rat Cerebral Ischemia
ILKNUR AY, HAKAN AY, AGREGERY SORESEN, Mass General Hosp, Charlestown, MA

Poster Board Number P152 / Presentation Number Th P152
Demonstration of Ischemic Preconditioning in White Matter: Critical Role for Toll-like Receptor-4
Margaret A Hamner, Anna Savos, Jamie Colman, Bruce R Ransom, Jonathan R Weinstein, Univ of Washington, Sch of Med, Seattle, WA

Poster Board Number P153 / Presentation Number Th P153
Akt Activation Mediates Human Umbilical Cord Blood Cell Protection
Derrick Rowe, Lisa Collier, Alison Willing, Keith Pennypacker, UNIVERSITY OF SOUTH FLORIDA, Tampa, FL

Poster Board Number P154 / Presentation Number Th P154
Trichostatin A Impact Upon Post-stroke Neurogenesis In The Immature Brain Is Dependent Upon The Time-point After Injury Being Assessed
Shilpa D Kadam, Saba Raja, Natasha D Irving, Geoffrey J Markowitz, Kennedy Krieger Inst, Baltimore, MD; Charles Rohde, Johns Hopkin Sch of Public Health, Baltimore, MD; Anne Comi, Kennedy Krieger Inst, Baltimore, MD

Poster Board Number P155 / Presentation Number Th P155
Systemic Treatment With Direct Angiotensin Ii Type 2 Receptor Agonist, Compound 21, Improved Cognitive Function Via Increase in Cerebral Blood Flow And Enhancement Of Excitatory Post-synaptic Potential With Neurite Elongation
Masaki Mogi, Fei Jing, Li-Juan Min, Jun Iwanami, Kana Tsukuda, EHINE UNIV GRADUATE SCHL MED, Tohno Ehime, Japan; Thomas Unger, Ctr for Cardiovascular Res, Inst of Pharmacology, Charité Univ Med, Berlin, Germany; Bjorn Dahlöf, Sahlgrenska Univ Hosp/Ostra, Univ of Gothenburg, Gothenburg, Sweden; Masatsugu Horiuchi, EHINE UNIV GRADUATE SCHL MED, Tohno Ehime, Japan

Poster Board Number P156 / Presentation Number Th P156
Pharmacologic Hsp70 Induction Confers An Anti-inflammatory Response And Protects Brain-derived Endothelial Cells From Microglial Activation
Rachid Kacimi, Midori A Yenari, UCSF, San Francisco, CA
Poster Board Number P157 / Presentation Number Th P157
The Ratio of Bcl2 and Beclin-1 are Critical in Mediating ROS Neuronal Injury towards Cytoprotective Autophagy or Programed Cell Death
Russell C Kirk, S Periyasamy-Thanadan, MEDICAL COLLEGE OF GEORGIA/Georgia Health Sciences Univ, Augusta, GA; Samuel Herberg, MEDICAL COLLEGE OF GEORGIA/Georgia Health Sciences Univ/Charlie Norwood VAMC, Augusta, GA; John R Barrett, MEDICAL COLLEGE OF GEORGIA/Georgia Health Sciences Univ, Augusta, GA; William H Jackson, Andy Zhu, David C Hess, Patricia V Schoenlein, MEDICAL COLLEGE OF GEORGIA/Georgia Health Sciences Univ, Augusta, GA; William Hill, MEDICAL COLLEGE OF GEORGIA/Georgia Health Sciences Univ/Charlie Norwood VAMC, Augusta, GA

Poster Board Number P158 / Presentation Number Th P158
Acute Rosiglitazone Treatment during Reperfusion is Neuroprotective of Hyperglycemic Stroke but Does Not Limit Edema
Marilyn J Cipolla, Julie G Sweet, Univ of Vermont, Burlington, VT

Poster Board Number P159 / Presentation Number Th P159
Mineralocorticoid Receptor Activation Is Involved In Middle Cerebral Artery Remodeling In Life-long Obesity In Sprague-dawley Rats
Paulo W Pires, Jonathon L McClain, Anne M Dorrance, Michigan State Univ, East Lansing, MI

Poster Board Number P160 / Presentation Number Th P160
The Role of Mammalian Target of Rapamycin in Focal Cerebral Ischemia: The Link between TSC2 and mTOR Signaling Pathway
Yong-Joo Ahn, Seo-Kyoung Hwang, BWH/HMS, Cambridge, MA; Sang-Yeul Han, Michael A Moskowitz, MGH/HMS, Boston, MA; James K Liao, Hyung-Hwan Kim, BWH/HMS, Cambridge, MA

Poster Board Number P161 / Presentation Number Th P161
Apyrase, APT102, Improves the Beneficial Effect of rt-PA In Experimental Thromboembolic Stroke
Guanghua Sun, Xiurong Zhao, James C Grotta, Sean Savitz, Univ of Texas-Houston, Houston, TX; Ridong Chen, APT Therapeutics Inc, St Louis, MO; Jaroslav Aronowski, Univ of Texas-Houston, Houston, TX

Poster Board Number P162 / Presentation Number Th P162
Synergistic Memory Impairment Through The Interaction Of Chronic Cerebral Hypoperfusion And Amyloid Toxicity In A Rat Model Of Combined Injury
Hahn Young Kim, Bo-Ryoung Choi, Neurology Konkuk Univ Hosp, Seoul, Korea, Republic of; Jung-Soo Han, Konkuk Univ, Seoul, Korea, Republic of

Poster Board Number P163 / Presentation Number Th P163
Reperfusion rather than Ischemia drives the Formation of Ubiquitin Aggregates in the Mouse Neocortex after Middle Cerebral Artery Occlusion
Karin Hochrainer, Katherine Jackman, Timo Kahles, Lidia Garcia-Bonilla, Josef Anrather, Costantino Iadecola, Weill Cornell Medical Coll, New York, NY

Poster Board Number P164 / Presentation Number Th P164
Moderate Hypothermia Attenuates Peripheral Immunodepression Caused by Stroke in Rats
Lijuan Gu, Xiaoxing Xiong, Takashi Ito, Jessica Lee, Sheri Krams, Gary K Steinberg, Heng Zhao, Stanford Univ, Stanford, CA

Poster Board Number P165 / Presentation Number Th P165
Gender Differences In Brain Atrophy And Neurological Deficits After Intracerebral Hemorrhage
Zheng Chen, Guohua Xi, Richard F Keep, Ya Hua, Univ of Michigan, Ann Arbor, MI

Poster Board Number P166 / Presentation Number Th P166
Should Statins Be Avoided After Intracerebral Hemorrhage?
M Brandon Westover, Matt T Bianchi, Massachusetts General Hosp, Boston, MA; Mark H Eckman, Univ of Cincinnati, Cincinnati, OH; Steven M Greenberg, Massachusetts General Hosp, Boston, MA

Poster Board Number P167 / Presentation Number Th P167
Influence Of Statin Pre-treatment On Mortality In Intracerebral Hemorrhage: A Meta-analysis
Joan Martí-Fàbregas, Raquel Delgado-Mederos, Sergi Martínez-Ramírez, Lavinia Dinia, Aida Alejaldre, Rebeca Marin, Jesús Pérez-Pérez, Josep-Lluís Martí-Vilalta, Jordi Ordóñez, Ignasi Gich, Hosp de la Santa Creu i Sant Pau, Barcelona, Spain

Poster Board Number P168 / Presentation Number Th P168
Nationwide Survey of Expert Opinions about Resuming Anticoagulant Therapy After Intracerebral Hemorrhage for Patients with Nonvalvular Atrial Fibrillation
Koichiro Maeda, Masatoshi Koga, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan; Yasushi Okada, Natl Hosp Organization Kyushu Medical Ctr, Fukuoka, Japan; Kazumi Kimura, Kawasaki Medical Sch, Kurashiki, Japan; Hiroshi Yamagami, Kobe City Medical Ctr General Hosp, Kobe, Japan; Satoshi Okuda, Natl Hosp Organization Nagoya Medical Ctr, Nagoya, Japan; Yasuhiro Hasegawa, St Marianna Univ Sch of Med, Kawasaki, Japan; Yoshiaki Shikawa, Kyorin Univ Sch of Med, Mitaka, Japan; EiSuke Furui, Kohnan Hosp, Sendai, Japan; Jyoji Nakagawara, Nakamura Memorial Hosp, Sapporo, Japan; Kazuomi Kario, Jichi Medical Univ, Shimotsuke, Japan; Tomohisa Nezu, Kaoru Endo, Tetsuya Miyagi, Kazuo Minematsu, Kazunori Toyoda, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan; the Stroke Acute Management with Urgent Risk-factor Assessment and Improvement (SAMURAI) Study Inve

Poster Board Number P169 / Presentation Number Th P169
Tamoxifen Treatment For Intracerebral Hemorrhage
Qing Xie, Jian Guan, Guohua Hua, Richard F Keep, Ya Hua, Univ of Michigan, Ann Arbor, MI

Poster Board Number P170 / Presentation Number Th P170
Prior Antiplatelet Use is Associated With Hematoma Growth in Patients With Spontaneous Intracerebral Hemorrhage
Oziem Kayim Yildiz, Ethem M Arsava, Mehmet A Topcuoglu, Erhan Akpinar, Hacettepe Univ Sch of Med, Ankara, Turkey

Poster Board Number P171 / Presentation Number Th P171
The Rate of Contrast Extravasation in Patients with Intracerebral Hemorrhage
Christopher D d’Esterre, Ting Yim Lee, Univ of Western Ontario, London, ON, Canada; Richard Aviv, Sunnybrook Health Sciences Ctr, Toronto, ON, Canada
Poster Board Number P172 / Presentation Number Th P172
Contrast Extravasation is a More Sensitive Predictor of Intraparenchymal Hemorrhage Growth than Spot Sign
Sweta Goel, Marisa S Gallo, Claire J Creutzfeldt, Jonathan R Weinstein, Rebecca R Masters, Sandeep P Khot, Kyra J Becker, W T Longstreth, David L Tirschwell, Harborview Medical Ctr, Univ of Washington, Seattle, WA

Poster Board Number P173 / Presentation Number Th P173
Validation Of A Computerized Planimetric Tool For Quantifying Intraventricular Hemorrhage Volumes
Dar Dowlatshahi, Univ of Ottawa, Ottawa Hosp Res Inst, Ottawa, ON, Canada; Jayme Kosior, Sherif Idris, Muneeb Eesa, Peter Dickhoff, Manish Joshi, Suresh Subramaniam, Sarah Tymchuk, Michael D Hill, Univ of Calgary, Calgary, AB, Canada; Richard Aviv, Sunnybrook Health Sciences Ctr, Toronto, ON, Canada; Richard Frayne, Andrew M Demchuk, Univ of Calgary, Calgary, AB, Canada; for the PREDICT/Sunnybrook study Investigators

Poster Board Number P174 / Presentation Number Th P174
Prospective Validation of the IVH Score as a Useful Bedside Tool for Estimating Intraventricular Hemorrhage Volume
Brian Y Hwang, Geoffrey Appelboom, Samuel S Bruce, Amanda M Carpenter, Rajeev Deb-Sen, Christopher P Kellner, Paul Gigante, Matthew Piazza, E Sander Connolly, Columbia Univ, New York, NY

Poster Board Number P175 / Presentation Number Th P175
Perihematoma Cerebral Perfusion Pressure is Maintained in Acute Intracerebral Hemorrhage: a CT Perfusion Study
Alexander Tamm, Troy Borne, Thomas Jeerakathil, Negar Asdaghi, Derek Emery, Kenneth Butcher, Univ of Alberta, Edmonton, AB, Canada

Poster Board Number P176 / Presentation Number Th P176
Characteristics Of Non-traumatic Intracerebral Hemorrhages In Relation To Their Cause
Charlotte J van Asch, Angelica C Kool, Gabriël J Rinkel, Catharina J Klijn, Univ Medical Ctr Utrecht, Utrecht, Netherlands

Poster Board Number P177 / Presentation Number Th P177
Impact of Interhospital Transfer on Complications and Outcome after Intracranial Hemorrhage
Ashley Catalano, Surekha Jadhav, Errol Gordon, H R Winn, Jennifer A Frontera, MOUNT SINAI SCHOOL OF MEDICINE, New York, NY

Poster Board Number P178 / Presentation Number Th P178
DVT Prophylaxis after ICH in China: Results from China National Stroke Registry (CNSR)
Yilong Wang, Hao Li, Zixiao Li, Beijing Tian Tan Hosp, Beijing, China; N Nguyen-Huyhn Mai, Univ of California, San Francisco, CA; Xingquan Zhao, Chunxue Wang, Yong Zhou, Liping Liu, Yongjun Wang, Beijing Tian Tan Hosp, Beijing, China

Poster Board Number P179 / Presentation Number Th P179
Cerebral Microbleeds in Patients With Infective Endocarditis are Associated With Impending Intracerebral Hemorrhage
Shuhei Okazaki, Manabu Sakaguchi, Dept of Neurology, Osaka Univ Graduate Sch of Med, Osaka, Japan; BoonHan Hyun, Keiko Nagano, Masashi Tagaya, Dept of Internal Med, Nati Hosp Organization Osaka Nati Hosp, Osaka, Japan; Yasushi Sakata, Dept of Cardiovascular Med, Osaka Univ Graduate Sch of Med, Osaka, Japan; Taichi Sakaguchi, Dept of Cardiovascular Surgery, Osaka Univ Graduate Sch of Med, Osaka, Japan; Kazuo Kitagawa, Dept of Neurology, Osaka Univ Graduate Sch of Med, Osaka, Japan; Masashi Tagaya, Dept of Internal Med, Nati Hosp Organization Osaka Nati Hosp, Osaka, Japan

Poster Board Number P180 / Presentation Number Th P180
Glomerular Filtration Rate Is Not Associated With Hematoma Volume Or In-Hospital Mortality In Spontaneous Intracerebral Hemorrhage
Shawna Cutting, Chloe Castro, Vivien H Lee, Shyam Prabhakaran, Rush Univ Medical Ctr, Chicago, IL

In-Hospital Treatment Posters II

Poster Board Number P181 / Presentation Number Th P181
Sex-Specific Trends in Mortality amongst Hospitalized Stroke Patients in the United States
Amytis Towfighi, Waimai Tai, Univ of Southern California, Los Angeles, CA; Daniela Markovic, Bruce Ovbiagele, Univ of California at Los Angeles, Los Angeles, CA

Poster Board Number P182 / Presentation Number Th P182
Primary Stroke Centers Achieve High Compliance with Disease Performance Measures
Mark J Alberts, Northwestern Univ Medical Sch, Chicago, IL; Jerod M Loeb, Jean Range, Ann Watt, Karen Kolbusz, M J Hampel, Vicki Cantwell, Joseph Troy, The Joint Commission, Oakbrook Terrace, IL

Poster Board Number P183 / Presentation Number Th P183
University of Colorado Hospital In-Hospital Stroke Alert Improvement Project
Alex Graves, Rebekah Zaemisch, William Jones, Kerry Brega, Ethan Cumbler, Univ of Colorado Hosp, Aurora, CO

Poster Board Number P184 / Presentation Number Th P184
Foley Catheterization and Urinary Tract Infections in Patients Hospitalized with Stroke
Sharon N Poisson, UCSF, San Francisco, CA; Steven Sidney, Kaiser Permanente Div of Res, Oakland, CA; S Claiborne Johnston, Mai N Nguyen-Huyhn, UCSF, San Francisco, CA

Poster Board Number P185 / Presentation Number Th P185
Analysis Of The Predicting Factors In The Deterioration Of Acute Ischemic Stroke On Demographic, Clinical Characteristics And Neuro-radiological Findings
Nobukazu Miyamoto, Yasutaka Tanaka, Yuji Ueno, Ryota Tanaka, Nobutaka Hattori, Takao Urabe, Dept of Neurology, Juntendo U, Tokyo, Japan

Poster Board Number P186 / Presentation Number Th P186
Moderate Blood Pressure Reduction does not Reduce Cerebral Blood Flow in Acute Ischemic Stroke
Negar Asdaghi, Trevor Steve, Derek Emery, Thomas Jeerakathil, Kenneth Butcher, Univ of Alberta, Edmonton, AB, Canada

Poster Board Number P187 / Presentation Number Th P187
The Brush Sign on 3-Tesla T2*-Weighted MRI as a Potential Predictor of Hemorrhagic Transformation after ICA-Induced Recanalization
Yuka Terasawa, Koji Fujita, Nobuaki Yamamoto, Dept of Neurology, Tokushima university, Tokushima-city, Japan; Ryoma Morigaki, Dept of Neurosurgery, Tokushima university, Tokushima-city, Japan; Yuishin Izumi, Dept of Neurology, Tokushima university, Tokushima-city, Japan; Junichiro Satomi, Dept of Neurosurgery, Tokushima university, Tokushima-city, Japan; Shizune Harada, Dept of Radiology, Tokushima university, Tokushima-city, Japan; Shinji Nagahiro, Dept of Neurosurgery, Tokushima university, Tokushima-city, Japan; Ryuji Kaji, Dept of Neurology, Tokushima university, Tokushima-city, Japan
Poster Board Number P188 / Presentation Number Th P188
Acute-phase Hyperglycemia Negatively Impacts Outcome and Recovery of Ischemic Stroke
Renzo Figari, Richard Salazar, Mei Lu, Patricia Penstone, Panayiotis Mitsias, HENRY FORD HOSPITAL, Detroit, MI

Poster Board Number P189 / Presentation Number Th P189
Early Neurological Deterioration And Capillary Glucose Levels In Acute Stroke
María de los Ángeles Ortega-Casarubios, Blanca Fuentes, Stroke Ctr Dept of Neurology La Paz Univ Hosp Univ Autónoma de Madrid IdiPAZ, Madrid, Spain; Belén San José, Biostatistics Unit La Paz Univ Hosp, Madrid, Spain; José Castillo, Rogelio Leira, Stroke Unit Dept of Neurology Hosp Clínico Universitario de Santiago de Compostela, Santiago de Compostela, Spain; Joaquín Serena, Stroke Unit Dept of Neurology Hosp Josep Trueta, Gerona, Spain; José Vivancos, Stroke Unit Dept of Neurology Hosp Unrivio de la Princesa Univ Autónoma de Madrid, Madrid, Spain; Antonio Dávalos, Stroke Unit Dept of Neurology Hosp Germans Trias i Pujol, Univ Autónoma de Barcelona, Badalona, Spain; Antonio Gil-Nuñez, Stroke Unit Dept of Neurology Hosp Univio Gregorio Marañón Univ Complutense de Madrid, Madrid, Spain; José Egido, Stroke Unit Dept of Neurology Hosp Clínico Universitario San Carlos Univ Complutense de Madrid, Madrid, Spain; Exuperio Díez-Tejedor, Stroke Ctr Dept of Neurology La Paz Univ Hosp Univ Autónoma de Madrid IdiPAZ, Madrid, Spain; Stroke Project of the Cerebrovascular Diseases Study Group, Spanish Society of Neurology

Poster Board Number P191 / Presentation Number Th P191
Lower Admission Hemoglobin Levels are Associated with Larger Stroke Volumes and Greater Infarct Expansion
W Taylor Kimberly, Ona Wu, E Murat Arsava, Priya Garg, Ruijin Ji, Mark Vangel, Aneesh Singhal, Hakan Ay, A Gregory Sorensen, Massachusetts General Hosp, Boston, MA

Poster Board Number P192 / Presentation Number Th P192
Swallowing Screens in Patients after Stroke: A Systematic Review
Sara K Schepp, David L Tirschwell, Robert M Miller, W T Longstreth Jr, Univ of Washington, Seattle, WA

Poster Board Number P193 / Presentation Number Th P193
Correlation Of Neuroanatomical Location And Dysphagia Pattern By Using Videofluoroscopic Function Scale In Patients With Acute Ischemic Stroke

Poster Board Number P194 / Presentation Number Th P194
The Cleveland Clinic Experience: Stroke And Timing Of Valve Surgery In Infective Endocarditis
Dolora Wisco, Joseph F Sabik, Eugene Blackstone, Irene Katzan, Cleveland Clinic Fndn, Cleveland, OH

Poster Board Number P195 / Presentation Number Th P195
The Level Of Creatine Kinase BB in CSF Correlates With Brain MRI Abnormalities In Post Cardiac Arrest Resuscitated Patients
Aleksander Tkach, Jessica Lundeen, Sandeep Khot, Teddy Youn, William Longstreth, David Tirschwell, university of washington, seattle, WA

Poster Board Number P196 / Presentation Number Th P196
Surgical Variability and Radiological Predictors of Outcome or Reoperation in Patients that Undergo Hemicraniectomy for Malignant Middle Cerebral Artery Infarction
Tzu-Ching Wu, Jeannie Choi, Elliot Friedman, William Ashley Jr, Preeti Sahota, Nusrat Harun, Renganayaki Pandurengan, Navdeep Sangha, Nicole R Gonzales, George A Lopez, James C Grotta, Sean I Savitz, Andrew D Barreto, UT Houston Medical Sch, Houston, TX

Poster Board Number P197 / Presentation Number Th P197
Infarct Volume of Cerebellar Strokes Predicts Neurosurgical Intervention
Navdeep S Sangha, Renganayaki Pandurengan, Mallikarjunarao Kasam, Tzu-Ching Wu, Nicole Gonzales, Vivek Misra, James Grotta, Sean Savitz, Univ of Texas, Houston, Houston, TX

Poster Board Number P198 / Presentation Number Th P198
Acute Stroke Causes Changes in Spleen Size Over Time
Preeti sahota, James Paul Hovis, Thanh-Tung Bui, Nusrat Harun, James Grotta, Sean Savitz, Univ of Texas, Houston, TX

Poster Board Number P199 / Presentation Number Th P199
Positional Sleep Apnea In Patients With Acute Stroke
Millene Camilo, Regina M Fernandes, Heidi H Sander, Larissa A Silva, Debora C Mariano-Gambaro, Taiza E Santos-Pontelli, Daniel G Abud, João P Leite, Octavio M Pontes-Neto, Stroke Service, Univ of Sao Paulo, Ribeirão Preto, Brazil

Poster Board Number P200 / Presentation Number Th P200
Low Body Temperature Does Not Significantly Compromise Therapeutic Effect of Alteplase
Jennifer S Lees, NHS Lothian, Edinburgh, United Kingdom; Nishant K Mishra, Univ of Glasgow, Glasgow, United Kingdom; Monica Saini, Univ of Alberta, Edmonton, AB, Canada; Patrick D Lyden, Cedars-Sinai Medical Ctr, Los Angeles, CA; Ashfaq Shuaib, Univ of Alberta, Edmonton, AB, Canada; on behalf of the VISTA Investigators

Poster Board Number P201 / Presentation Number Th P201
Baseline Creatinine Levels Are Not Needed Prior to CTA/CTP Imaging in Acute Ischemic Stroke Evaluation
Vincent Truong, Jignesh Shah, Rori Spray, Anand Vaishnav, Craig Ziegler, Kerri Remmel, Alex Abou-Chebl, Univ of Louisville Sch of Med, Louisville, KY
Poster Board Number P202 / Presentation Number Th P202

Does Gender Influence The Evolution Of Patients Treated With Intraarterial Procedures?
Olga Maisterra Jr, Marc Ribo, Manuel Quintana, Joao Sargento, Marta Rubiera, Jorge Pagola, David Rodriguez-Luna, Estevo Santamarina, Carlos Alberto Molina, Jose Alvarez-Sabin, Vall d’Hebron hospital, Barcelona, Spain

Poster Board Number P203 / Presentation Number Th P203

Neural Stem Cell Engraftment Peaks at 3 Days After Intraarterial Delivery in a Mouse Hypoxic-Ischemic Stroke Model
Sahar Rosenblum, Nancy Wang, Josh Y Chua, Raymond Choi, Hotaik Sung, Jay K Nathan, Harjus Birk, Raphael Guzman, Stanford Univ, Palo Alto, CA

Poster Board Number P204 / Presentation Number Th P204

Mechanical Thrombectomy by the Penumbra System has the Potential to Improve Neurological and Functional Outcomes in Japanese Patient with Acute Ischemic Stroke
Nobuyuki Sakai, Kobe City General Hosp, Kobe, Japan; Kazunori Toyoda, Natl Cerebral and cardiovascular Ctr, Saita, Japan; JR-NET2 and SAMURAI study Investigators; Penumbra System Pivotal and POST Investigators

Poster Board Number P205 / Presentation Number Th P205

Long-term Clinical Outcome Following Endovascular Reperfusion Therapy in Severe Ischemic Stroke Patients
MASAHITO NAKAZAKI, Takahisa Mori, Hiroyuki Tajiri, Tomonori Iwata, Yulchi Miyazaki, Shonan Kamakura General Hosp, kamakura, Japan

Poster Board Number P206 / Presentation Number Th P206

Endovascular Treatment Outcomes in Acute Stroke Patients with Distal MCA lesions: A single center experience
Jitendra Sharma, Sonal Mehta, Shakeel Chowdhry, Neelima Tummala, Ashish Nanda, Kristine Blackham, Univ Hosp Case Medical Ctr, Cleveland, OH

Poster Board Number P207 / Presentation Number Th P207

Acute Stroke Trials in the 1st decade of the 21st Century
Keun-Sik Hong, ILSAN PAIK HOSPITAL INJE UNIV, Goyang, Korea, Republic of; Meng Lee, Chang Gung Memorial Hosp at Chiayi, Chang Gung Univ Coll of Med, Chiayi, Taiwan; Soo Joo Lee, Eulji Univ Hosp, Daejeon, Korea, Republic of; Qin Hao, David Liebeskind, Jeffrey Saver, UCLA Stroke Ctr, Univ of California, Los Angeles,, Los Angeles, CA

Poster Board Number P208 / Presentation Number Th P208

Ascertaining the Impact of Distal Embolization in Recanalization Therapies for Acute Ischemic Stroke
Matthew S Tenser, Univ of Southern California, Los Angeles, CA; Jeffrey L Saver, Latisa K Ali, Doojin Kim, Bruce Ovbiagele, Sidney Starkman, Michael T Froehller, Sarah Song, Radoslav Raychev, Reza Jahan, Satoshi Tateshima, Nestor Gonzalez, Gary R Duckwiler, Fernando Vinuela, David S Liebeskind, Univ of California, Los Angeles, Los Angeles, CA

Poster Board Number P209 / Presentation Number Th P209

Eligibility Determinations By “Witnessed Onset” and “Last Seen Normal” Principles are Not the Same Among Acute Ischemic Stroke Patients Undergoing Endovascular Treatment
Jefferson T Miley, Ameer E Hassan, Stanley H Kim, Saqib A Chaudhry, Ramachandra P Tummala, Adnan I Qureshi, Zeenat Qureshi Stroke Res Ctr, Univ of Minnesota, Minneapolis, MN

Poster Board Number P210 / Presentation Number Th P210

Comprehensive Stroke Centers Do Not Experience the Weekend Effect for Intra-Arterial Therapy
Ramy El Khoury, Meghan McIntosh, UNIVERSITY OF TEXAS AT HOUSTON, Houston, TX; Luis Cava, UNIVERSITY OF ALABAMA, Birmingham, AL; Rohan Arora, DREXEL UNIVERSITY SCHOOL OF MEDICINE, Philadelphia, PA; Nusrat Harun, Peng R Chen, William W Ashley, UNIVERSITY OF TEXAS AT HOUSTON, Houston, TX; Mark Harrigan, UNIVERSITY OF ALABAMA, Birmingham, AL; Damon Patterson, Edgar Underwood, Joseph Horton, UNIVERSITY OF ALABAMA, Birmingham, AL; Anne W Alexandrov, UNIVERSITY OF ALABAMA, Birmingham, TX; Andrei V Alexandrov, UNIVERSITY OF ALABAMA, Birmingham, AL; James Grotta, Sean Savitz, UNIVERSITY OF TEXAS AT HOUSTON, Houston, TX; Karen C Albright, UNIVERSITY OF ALABAMA, Birmingham, AL

Poster Board Number P211 / Presentation Number Th P211

Safety and Efficacy of Early Blood Pressure Reduction in Acute Ischemic Stroke: An Interim Analysis of VENTURE Trial
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, Seongnam, Korea, Republic of; Ja-Seong Koo, Catholic Univ of Korea, Seoul St Mary's Hosp, Seoul, Korea, Republic of; Young-Su Chu, Hallym Univ Sacred Heart Hosp, Anyang, Korea, Republic of; Byung-Chul Lee, Hallym Univ, Anyang, Korea, Republic of; VENTURE investigators

Poster Board Number P212 / Presentation Number Th P212

Imaging Criteria as a Surrogate Marker for Outcomes after Intra-arterial Thrombolysis
Jacob Kitchener, Saint Louis Univ, Saint Louis, MO; Mouhammad Jumaa, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Sushant Kale, Amer Alshekhlee, Ritesh Kaushal, Tagann Chaisam, John Chibnall, Aninda Acharya, PaiSith Piriyawat, Eli Feen, Salvador Cruz-flores, Charlie Callison, Randall Edgell, Saint Louis Univ, Saint Louis, MO; Tudor Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Nirav Vora, Saint Louis Univ, Saint Louis, MO

Poster Board Number P213 / Presentation Number Th P213

Soft Hyperdense Lesions on CT Scan after Endovascular Treatment in Acute Ischemic Stroke of the Anterior Territory: a Sign of Successful Recanalization and Good Outcome
Natalia Pérez de la Ossa, Hosp Unívri Germans Trias i Pujol, Barcelona, Spain; Marc Ribó, Jorge Pagola, Hosp Univr Vall d’Hebrón, Barcelona, Spain; Mónica Millán, Merixtent Gomis, Hosp Univr Germans Trias i Pujol, Barcelona, Spain; Yolanda Silva, Hosp Univr Josep Trueta, Girona, Spain; Alitziber Aleu, Hosp Univr Germans Trias i Pujol, Barcelona, Spain; Ana Rodriguez-Campello, Hosp del Mar-IMIM, Barcelona, Spain; Patricia Cuadras, Hosp Univr Germans Trias i Pujol, Barcelona, Spain; José Álvarez-Sabin, Hosp Univr Vall d’Hebrón, Barcelona, Spain; Antoni Dávalos, Hosp Univr Germans Trias i Pujol, Barcelona, Spain

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Successful Endovascular Acute Stroke Intervention Prevents Infarct Core Growth
Vincent Truong, Rori Spray, Kerri Remmel, Alex Abou-Chebl, Univ of Louisville Sch of Med, Louisville, KY
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The Internal Maxillary Artery is the Key External to Internal Carotid Collateral in Carotid Occlusion
Ritesh Kaushal, Randall C Edgell, Nirav Vora, Richard Callison, Eliahu Feen, Paisith Piriyawat, Aninda Acharya, Salvador Cruz-Flores, SAINT LOUIS UNIVERSITY, Saint Louis, MO

Poster Board Number P216 / Presentation Number Th P216
Mutant Erythropoietin without Erythropoietic Activity is Neuroprotective Against Ischemic Injury
Juan Xing, Ruth Anne Stetler, Yu Gan, Feng Zhang, UNIVERSITY OF PITTSBURGH, PITTSBURGH, PA; Yanqin Gao, Fudan Univ, Shanghai, China; Jun Chen, Guodong CAO, UNIVERSITY OF PITTSBURGH, PITTSBURGH, PA

Poster Board Number P217 / Presentation Number Th P217
Evidence of Bias and the Bias of Evidence in Neurothrombectomy for Stroke
David S Liebeskind, Meng Lee, UCLA, Los Angeles, CA

Poster Board Number P218 / Presentation Number Th P218
Rapid Formation Of Cerebral Microbleeds After Carotid Artery Stenting
Shoji Matsumoto, Ichiro Nakahara, Kousuke Kakumo, Keichii Tsuji, Nozomu Murai, Tsukasa Sato, Yoshikiko Watanabe, Yoshisaka Fujikuma, Yutaka Fukushita, Masahiro Takezawa, Yuiji Sanaka, Kokura Memorial Hosp, Kitakyushu, Japan; Takeshi Yamada, Saiseikai General Hosp, Fukuoka-shi, Japan

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The Usefulness Of DWI-aspect Score As A Predictor Of Short And Long-term Clinical Outcome Following Emergency Reperfusion Therapy In Severe Acute Ischemic Stroke Patients
MASAHITO NAKAZAKI, Takahisa Mori, Hiroyuki Tajiri, Tomonori Iwata, Yuichi Miyazaki, Shonan Kamakura General Hosp, Kamakura, Japan

Poster Board Number P220 / Presentation Number Th P220
Does Arrival By Ambulance Predict Acute Stroke Intervention In Young Adults?
Nandakumar Nagaraja, Pratik Bhattacharya, Gregory Norris, William Coplin, Sandra Narayanan, Andrew Xavier, Kumar Rajramani, Seemanth Chaturvedi, Wayne State Univ / Detroit Medical Ctr, Detroit, MI

Poster Board Number P221 / Presentation Number Th P221
Anterior Circulation Large Vessel Occlusion Stroke Presenting With Mild Symptoms Clinical Outcomes And Safety Of Intravenous Thrombolysis And Endovascular Treatment
Aitziber Aleu, Hosp Univerii Germans Trias i Pujol, Badalona, Barcelona, Spain; Ridwan Lin, UPMC stroke Inst, Pittsburgh, PA; Monica Millan, Hosp Univerii Germans Trias i Pujol, Badalona, Barcelona, Spain; Syed F Zaidi, UPMC stroke Inst, Pittsburgh, PA; Natalia Perez de la Ossa, Hosp Univerii Germans Trias i Pujol, Badalona, Barcelona, Spain; Mouhammad A Jumaa, UPMC stroke Inst, Pittsburgh, PA; Sira Domenech, Hosp Univerii Germans Trias i Pujol, Badalona, Barcelona, Spain; Amer Malik, UPMC stroke Inst, Pittsburgh, PA; Carlos Castaño, Cristina Guerrero, Hosp Univerii Germans Trias i Pujol, Badalona, Barcelona, Spain; Jaume Roquer, Hosp Del Mar, Badalona, Barcelona, Spain; Joaquin Serena, Hosp Univerii Dr Josep Trueta, Girona, Spain; Antoni Davalos, Hosp Univerii Germans Trias i Pujol, Badalona Barcelona, Spain; Tudor Jovin, UPMC stroke Inst, Pittsburgh, PA

Poster Board Number P222 / Presentation Number Th P222
Early Ischemic Lesion Recurrence Pattern In The Borderzone Region After Thrombolysis
Sam Yeol Ha, Chung-Ang Univ Coll of Med, Seoul, Korea, Republic of; Oh Young Bang, Gyeong-Moon Kim, Chin-Sang Chung, Kwang Ho Lee, Samsung Medical Ctr, Sungkyunkwan Univ, Seoul, Korea, Republic of

Poster Board Number P223 / Presentation Number Th P223
Early Benefit of Thrombolysis is Limited to Strokes of Minor and Moderate Severity
George Ntaios, Mohamed Faouzi, Neurology Service, CHUV, Lausanne, Switzerland; Patrik Michel, CHUV, Lausanne, Switzerland

Poster Board Number P224 / Presentation Number Th P224
Facilitated Recanalization Observed During Endovascular Treatment of Tandem Extracranial Carotid and Intracranial Occlusions: Incidence and Clinical Outcomes
Amer M Malik, UPMC Stroke Inst, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Nirav A Vora, Stroke Inst and Ctr for Cerebrovascular Disease and Skull Base Surgery, Saint Louis Univ, Saint Louis, MO; Ridwan Lin, Syed F Zaidi, Mouhammad A Jumaa, UPMC Stroke Inst, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Aitziber Aleu, Dept of Neurosciences, Hosp Univerii Germans Trias i Pujol, Badalona, Univ Autónoma de Barcelona, Barcelona, Spain; Brian T Jankowitz, Dept of Neurosurgery, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Vivek K Reddy, Maxim D Hammer, Lawrence R Wechsler, UPMC Stroke Inst, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Michael B Horowitz, Dept of Neurosurgery, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Tudor G Jovin, UPMC Stroke Inst, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA

Poster Board Number P225 / Presentation Number Th P225
MRI Turn-Around Time for Acute Stroke Imaging Remains Unchanged Over a 2 Year Time Period
Tielong Pham, Tiesong Shang, Dalia Milan, Diogo Haussen, Philip Garza, Gustavo Ortiz, Dileep R Yavagal, UNIVERSITY OF MIAMI MILLER SCH, Miami, FL

Poster Board Number P226 / Presentation Number Th P226
Different Clinical Evolution and Infarct Volume across Final TIMI grades in Endovascular Reperfusion Therapies for Acute Stroke Should we Redefine Recanalization End-points in IA Trials?
Marta Rubiera, Jorge Pagola, Hosp Univerii Vall d’Hebron, Barcelona, Spain; Joao Sargento-Freitas, Hosp Univerii de Coimbra, Coimbra, Portugal; David Rodriguez-Luna, Pilar Coscojuela, Olga Maisterra, Socorro Piñeiro, Pilar Meler, Francisco J Romero, Jose Alvarez-Sabin, Carlos A Molina, Marc Ribo, Hosp Univerii Vall d’Hebron, Barcelona, Spain

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David S Liebeskind, Fabien Scalzo, Qing Hao, UCLA, Los Angeles, CA; Yiemeng Hoi, Univ of Toronto, Toronto, ON, Canada; Kenneth R Hoffmann, Univ at Buffalo, Buffalo, NY; Xiao Hu, UCLA, Los Angeles, CA; for the UCLA Stroke Investigators

Poster Board Number P228 / Presentation Number Th P228
Poorer Outcomes and Mortality in Elderly Patients treated with Intracerebral Thrombolysis in Acute Ischemic Stroke
Dolora Wisco, Shazia Alam, Alex Spiotta, Ken Uchino, Ferdinand Hui, Irene Katzian, Muhammad S Hussain, Cleveland Clinic, Cleveland, OH
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Safety of Periprocedural Heparin in Acute Ischemic Stroke Endovascular Therapy: The Multi MERCI Trial
Fadi Nahab, Emory Univ, Atlanta, GA; Gary Walker, Concentric Medical, Inc, Mountain View, CA; Jacques E Dion, Emory Univ, Atlanta, GA; Wade S Smith, Univ of California, San Francisco, San Francisco, CA

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Multiple Merci Passes And Endovascular Treatment Outcomes: A Single Center Experience
Jitendra Sharma, Sonal Mehta, Shakeel Chowdhry, Ashish Nanda, Neelima Tummala, Kristine Blackham, Univ Hosp Case Medical Ctr, Cleveland, OH

Poster Board Number P231 / Presentation Number Th P231
Initial Assessment of CT Perfusion Parameters to Determine Thresholds For Infarct Core, Ischemic Penumbra, and Benign Oligemia in Patients undergoing Endovascular Revascularization Therapy (ERT)
Sundeep Mangla, Zhenteng Li, Brandon Smoller, Alan Cherney, SUNY Downstate Health Science Ctr, Brooklyn, NY

Poster Board Number P232 / Presentation Number Th P232
Endovascular and Surgical Management of Symptomatic Rotational Vertebral Artery Compression Resulting from Cervical Spondylosis
Stanley H Kim, Anant I Patel, Neurosurgery, Endovascular, and Spine Ctr, Austin, TX; Kent T Ellington, Austin Neurological Clinic, Austin, TX; Muhammad Munir, Greater Austin Neurology Clinic, Austin, TX

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Cerebral Blood Volume Reversibility Within Infarcted Lesions: The Need for Lengthened Scan Times
Christopher D d’Esterre, Univ of Western Ontario, London, ON, Canada; Richard Aviv, Sunnybrook Health Science Ctr, Toronto, ON, Canada; Matthew Hogan, Ottawa General Hosp, Ottawa, ON, Canada; Ting Yim Lee, Univ of Western Ontario, London, ON, Canada

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Junya Aoki, Larry R Raber, Irene Katzan, Muhammad S Hussain, Ferdinand Hui, Ken Uchino, Cleveland Clinic, Cleveland, OH

Poster Board Number P235 / Presentation Number Th P235
Implementation Of A Patient Selection Protocol For Intra-arterial Therapy Increases Treatment Rates In Acute Ischemic Stroke
Natalia S Rost, Raul G Nogueira, Albert J Yoo, Joshua A Hirsch, Lee H Schwamm, Massachusetts General Hosp, Boston, MA

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Comparison of Ultrasonography and MR Images to High Risked Plaques for Carotid Artery Stenting; with a Pathological Diagnosis
Manabu Inoue, Showa Univ Northern Yokohama Hosp, Yokohama, Japan; Takehiko Nagao, Yubuhito Mochizuki, Masahiro Ida, Manabu Takahashi, Tokyo Metropolitan HMT C Ebara Hosp, Tokyo, Japan; Mitsuuru Kawamura, Showa Univ Hosp, Tokyo, Japan; Masayuki Yoko, Hideki Takubo, Tokyo Metropolitan HMT C Ebara Hosp, Tokyo, Japan

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Poster Board Number P238 / Presentation Number Th P238
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Katharina Busl, Raul G Nogueira, Albert J Yoo, Joshua A Hirsch, Lee H Schwamm, Natalia S Rost, Massachusetts General Hosp, Boston, MA

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Manoj Mittal, Univ of Kansas Medical Ctr, Kansas City, KS; Naveed Akhtar, Coleman Martin, William Holloway, Rebecca Sugg, Marilyn Rymer, Saint Luke’s Brain & Stroke Inst, Kansas City, MO

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Subacute Angioplasty And/or Stenting For The Stroke Patients Deteriorating Due To Vertebrobasilar Stenosis
Tomonori Iwata, Takahisa Mori, Hiroyuki Tajiri, Yuichi Miyazaki, Masahito Nakazaki, Dept of Stroke Treatment, Shonan Kamakura General Hosp, Kamakura, Japan
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**Dysphagic Pattern According to Stroke Location**
Ju Kang Lee, Hwan Tae Lee, Jeom Sun Jeong, Ki Deok Park, Jeong Man Kim, Yeong-Bae Lee, Gachon Univ, Sch of Med, Incheon, Korea, Republic of

**Poster Board Number P247 / Presentation Number Th P247**
**Gender Differences Post Stroke In The Stroke Unit Women Were More Often Aphasic**
Joanna Stolzenburg, Claudia Jansen, Andrea Rocco, Werner Hacke, Peter Ringleb, Univ of Heidelberg, Heidelberg, Germany

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**Is The Efficacy Of Low-frequency RTMS Combined With Intensive Occupational Therapy Influenced By Baseline Severity Of Upper Limb Hemiparesis In Post-stroke Patients?**
Wataru Kakuda, Masahiro Abo, Kazushige Kobayashi, Toshimitsu Takagishi, Ryo Momosaki, Aki Yoko, Akiko Fukuda, Hiroshi Ito, Ayumi Tominaga, Jikei Univ Sch of Med, Tokyo, Japan

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Ju Kang Lee, Jeom Sun Jeong, Chung Hwan Choi, Yeong-Bae Lee, Ok Kyung Lim, Gachon Univ Sch of Med, Incheon, Korea, Republic of

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**Body Mass Index Predicts Outcomes in In-patient Neuro-rehabilitation**
Sahar Yazdani, khyber Medical Coll, Peshawar, Pakistan; Nkiruka Arene, Johns Hopkins Univ, Baltimore, MD

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Judith M Burnfield, Adam P Taylor, Thad W Buster, Yu Shu, Amy J Goldman, Carl A Nelson, Madonna Rehabilitation Hosp, Lincoln, NE

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**Muscle Demands of Device Assisted versus Clinician Assisted Sit-to-stand Transfers: Implications for Stroke Rehabilitation**
Amy J Goldman, Thad W Buster, Adam P Taylor, Mitchell J Ediger, Yu Shu, Judith M Burnfield, Madonna Rehabilitation Hosp, Lincoln, NE

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**Serum Uric Acid and Outcome after Ischemic Stroke Results from the Mexican Multicenter Ischemic Stroke Registry (The PREMIER Study)**
Erwin Chiquete, Hosp Civil de Guadalajara “Fray Antonio Alcalde”, Guadalajara, Mexico; José L Ruiz-Sandoval, Hosp Civil de Guadalajara, Guadalajara, Mexico; Carolina León-Jiménez, ISSSTE, Guadalajara, Mexico; Ana Teresa Ochoa-Guzmán, Hosp Civil de Guadalajara, Guadalajara, Mexico; Luis M Murillo-Bonilla, Univ Autónoma de Guadalajara, Guadalajara, Mexico; Antonio Arauz-Góngora, Insto Nacional de Neurología y Neurocirugía, Mexico City, Mexico; Fernando Barinagarrementeria, Hosp Angeles de Querétaro, Querétaro, Mexico; Alma Ramos-Moreno, INNOVAL, Mexico City, Mexico; Carlos Cantú, Insto Nacional de Ciencias Médicas y Nutrición, Mexico City, Mexico; PREMIER Investigators

**Poster Board Number P255 / Presentation Number Th P255**
**Caregivers Solutions to Problems Experienced in Caring for Stroke Survivors**
Victoria Steiner, Joan Bick, Sandra Krzysiak, Beth Runner, Linda L Pierce, The Univ of Toledo, Toledo, OH

**Poster Board Number P256 / Presentation Number Th P256**
**The Effects of Day Care Service Based on Partnership on Blood Pressure, Cognitive Function, Performance of Activities of Daily Living, Nutritional Status and Health-related Quality of Life for Older Adults with Stroke in South Korea**
Yeon Hwan Park, KeeKyung Chang, Seoul Natl Univ, Seoul, Korea, Republic of

**Poster Board Number P257 / Presentation Number Th P257**
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Deborah M Mastroila, Kathleen Furlong, Hoag Hosp, Newport Beach, CA

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**Feasibility of Screening Swallowing in Patients with Stroke Symptoms in the Emergency Department**
Jane A Anderson, Nancy J Petersen, Stephanie K Daniels, Michael E DeBakey VA Medical Ctr, Houston, TX

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**The Benefits of Multidisciplinary Stroke Grand Rounds on Ischemic Stroke Patient Length of Stay**
Theresa Hall, Joyce Quijano, Cheryl Jastrzebski, MacNeal Hosp, Bervyn, IL

**Poster Board Number P260 / Presentation Number Th P260**
**A Multidisciplinary Quality Improvement Project to Address Delays in CT Imaging and Thrombolytic Treatment in Acute Stroke Patients**
Janine M Mazabob, Gerard Brown, Patrick Stewart, Sarah Livesay, Suzanne Freeborg, St Luke’s Episcopal Hosp, Houston, TX; Jose Suarez, Eric Bershad, Stelios Smirnakis, Baylor Coll of Med, Houston, TX

**Poster Board Number P261 / Presentation Number Th P261**
**National Institutes of Health Stroke Scale (NIHSS) Use in the Northeastern United States**
Megan Mazza, American Heart Association, Framingham, MA; Zainab Magdon-Ismail, American Heart Association, Albany, NY; Shannon Melluzzo, American Heart Association, Springfield, MA; Laura Coe, Massachusetts Dept of Health, Boston, MA; Lee Schwamm, Massachusetts General Hosp, Boston, MA; Toby Gropen, Long Island Coll Hosp, Brooklyn, NY

**Poster Board Number P262 / Presentation Number Th P262**
**No Association Between Post Stroke Emotional Dysfunction And A Tryptophan Hydroxylase 1 Gene A218C Polymorphism In a Korean Population**
Smi Choi-Kwon, Seon Young Choi, Min Hee Suh, Coll of Nursing Seoul Natl Univ, Seoul, Korea, Republic of; Jong S Kim, Dept of Neurology Asan Medical Ctr, Seoul, Korea, Republic of

**Poster Board Number P263 / Presentation Number Th P263**
**A Quality Initiative To Improve Stroke Education Compliance**
Nadine F Lendzion, Jennifer Berry, Patricia H Miller, Terri J Kiernan, MAYO CLINIC HOSPITAL, Phoenix, AZ
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<td>Leigh Ann McCartney, Ghousia Wajida, Cathy Sila, Case Medical Ctr, Cleveland, OH</td>
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<td>Peggy Ohnmacht, Jennifer Whitley, John Angrisani, WHITE PLAINS HOSPITAL, White plains, NY</td>
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**Outcomes, Quality and Health Services**

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<td>Physicians Delay Thrombolysis if There Is More Time to The End of The Thrombolytic Window</td>
<td>Robert Mikulik, Inti Clinical Res Ctr, StAnne’s Univ Hosp, Brno, Czech Republic; Petr Šev ík, Neurology department, Univ Hosp, Plzen, Czech Republic; Daniel Ša ák, Neurology department,Univ Hosp, Olomouc, Czech Republic; Michal Bar, Neurology department, Univ Hosp, Ostrava, Czech Republic; Daniel Václavík, Neurology department, Ostrava Vitkovici, Czech Republic</td>
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<td>Patient Refusal of Tissue Plasminogen Activator for Acute Stroke</td>
<td>Farhaan S Vahidy, UTH - Medical Sch, Houston, TX; Nusrat Harun, UT Health, Houston, TX; James C Grotta, UTH - Medical Sch, Houston, TX; Mohammad H Rahbar, UT Health, Houston, TX; Nneka L Ifejika-Jones, Sean I Savitz, UTH - Medical Sch, Houston, TX</td>
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<td>Prognostic Modeling For An Efficacy And A Safety Of Thrombolysis In Acute Ischemic Stroke Patients</td>
<td>JiSung Lee, Korea Univ, Seoul, Korea, Republic of; Hee-Joon Bae, Seoul Natl Univ Bundang Hosp, Seongnam, Korea, Republic of; Youngchai Ko, Chungbuk Natl Univ Coll of Med, Cheongju, Korea, Republic of; Myung Suk Jang, Seoul Natl Univ Bundang Hosp, Seongnam, Korea, Republic of; Jong-Moo Park, Eulji General Hosp, Seoul, Korea, Republic of; Tai Hwan Park, Seoul Medical Ctr, Seoul, Korea, Republic of; Kyung Bok Lee, Soonchunhyang Univ Hosp, Seoul, Korea, Republic of; Soo Joo Lee, Eulji Univ Hosp, Daejeon, Korea, Republic of; Yong-Jin Cho, Ilsan Paik Hosp, Goyang, Korea, Republic of; Moon-Ku Han, Seoul Natl Univ Bundang Hosp, Seongnam, Korea, Republic of; Juneyoung Lee, Korea Univ, Seoul, Korea, Republic of</td>
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<td>The Risk of Thrombolysis in Demented Population: A Case Control Study</td>
<td>Amer Alshekhlée, Jacob Kitchner, Sushant Kale, Eili Feen, Paisith Piriyawat, Charlie Callison, Randall Edgell, Nirav Vora, Salvador Cruz-Flores, St Louis Univ, St Louis, MO</td>
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Symptomatic Intracerebral Hemorrhage Following Stroke Thrombolysis

What Is The Impact Of Different Criteria On Patient Long-term Outcome?
Daniel Strbian, Helsinki Univ Hosp, Helsinki, Finland; Tiina Sairanen, Helsinki Univ Central Hosp, Helsinki, Finland; Atte Meretoja, Helsinki Univ Hosp, Helsinki, Finland; Janne Pitkäniemi, Helsinki Univ, Helsinki, Finland; Jukka Putaala, Olli Salonen, Helt Silvennoinen, Markku Kaste, Turgut Tatlisumak, Helsinki Univ Hosp, Helsinki, Finland; Helsinki Stroke Thrombolysis Registry Group

Graduating Neurology Residents' Experience with Intravenous tPA for Acute Stroke: a 10 Year Comparison
Jonathan M Raser, Vera Fridman, Kate T Brizzi, Brett L Cucchiara, Hosp of the Univ of Pennsylvania, Philadelphia, PA

Requirement for Emergent Neurosurgical Procedures Following Neuro-endovascular Procedures in Contemporary Practice
Rakesh Khatri, Muhammad Ansar, Fahd Sultan, Shujaat Khalil, Saqib A Chaudhry, Ramachandra P Tummala, Adnan I Qureshi, Zeenat Qureshi Stroke Res Ctr, Univ of Minnesota, Minneapolis, MN

Quality of Life After Intra-Arterial Therapy for Ischemic Stroke
Michael J Wilder, Melissa M Cortez, Perry P Ng, Jennifer J Majersik, Univ of Utah Medical Ctr, Salt Lake City, UT

Stroke Care and Outcomes in Patients With Pre-existing Dementia
Gustavo Saposnik, Univ of Toronto, Toronto, ON, Canada; Roula Raptis, Applied Health Res Ctr, Toronto, ON, Canada; Paula Rochon, Univ of Toronto, Toronto, ON, Canada; Ying Liu, Inst for Clinical Evaluative Sciences, Toronto, ON, Canada; Moira K Kapral, Muhammad Mamdani, Univ of Toronto, Toronto, ON, Canada; Robert Cote, Mc Gill Univ, Montreal, QC, Canada; Sandra Black, Univ of Toronto, Toronto, ON, Canada; on behalf of the Investigators of the Registry of the Canadian Stroke Network; Stroke Outcomes Research Canada (SORCan) Working group

Urinary Incontinence is a Negative Predictor of Discharge Disposition in Patients with Acute Stroke
Nneka Ihejika-Jones, Nusrat Harun, Univ of Texas Houston Medical Sch, Houston, TX; Nareesa Mohammed-Rajput, Regenstrief Inst, Indianapolis, IN; Elizabeth Noser, Mischer Neuroscience Inst, Memorial Hermann - Texas Medical Ctr, Houston, TX; James Grotta, Univ of Texas Houston Medical Sch, Houston, TX

Urinary Tract Infections in Hospitalized Ischemic Stroke Patients: Source and Impact on Outcome
Raymond Reichwein, Gayle Watson, Kathy Morrison, Kevin Cockroft, Penn State Hershey Medical Ctr, Hershey, PA

Effect of Coronary Artery Disease on the Outcomes of the Patients with Ischemic Stroke in Taiwan
JIU-HAW YIN, Robert J Chen, Cheng-Hsin General Hosp, Taipei, Taiwan

Albumin-Corrected Calcium Level is Associated with Mortality after Acute Ischemic Stroke
Jong-Won Chung, Wi-Sun Ryu, Beom Joon Kim, Seung-Hoon Lee, Byung-Woo Yoon, Seoul Natl Univ, Coll of Med, Seoul, Korea, Republic of

The Relationship Between Blood Glucose Fluctuation And Neurological Outcome In Acute Ischemic Stroke Patients
Hiroki Fujii, Brain Attack Ctr Ota Memorial Hosp, Fukuyama, Hiroshima, Japan; Toshiho Ohtsuki, Hiroshima Univ Graduate Sch of Biomedical Sciences, Hiroshima, Japan; Satoshi Kubo, Koto Sato, Kazuhiro Takamatsu, Brain Attack Ctr Ota Memorial Hosp, Fukuyama, Hiroshima, Japan; Akiko Ota, Fukuyama Transporting Shibuya Longevity Health Fndn, Fukuyama, Hiroshima, Japan; Taisei Ota, Masaru Kuriyama, Brain Attack Ctr Ota Memorial Hosp, Fukuyama, Hiroshima, Japan; Masayasu Matsumoto, Hiroshima Univ Graduate Sch of Biomedical Sciences, Hiroshima, Japan

Patient and Facility Characteristics Associated with Discharge to Inpatient Rehabilitation Post-stroke
Linda S Williams, ROUDEBUSH VA MEDICAL CTR, Indianapolis, IN; Greg Arling, Regenstrief Inst, Inc, Indianapolis, IN; Xinli Li, Neale Chumbler, Arlene Schmid, ROUDEBUSH VA MEDICAL CTR, Indianapolis, IN; Diana Ordin, VHA Office of Quality and Performance, Washington, DC; Dawn Bravata, ROUDEBUSH VA MEDICAL CTR, Indianapolis, IN

Are Stroke Survivors Getting the Rehabilitation Services they Need?
Deborah A Willems, Southwestern Ontario Stroke Network, London, ON, Canada; Dianne Bryant, Univ of Western Ontario, London, ON, Canada; Christina O'Callaghan, Ontario Stroke System, Toronto, ON, Canada

Patterns of Rehabilitation Service use following Acute Stroke and its Association With Rehospitalization: The AVAIL Registry
Cheryl Bushnell, Wake Forest Univ, Winston- Salem, NC; Margueritte Cox, Jodi Hawes, Xin Zhao, Dai Wai Olson, Eric Peterson, Duke Univ, Durham, NC; Richard Zorowitz, Johns Hopkins Univ, Baltimore, MD

Patients with Stroke in Northeastern Brazil are Infrequently Treated with Thrombolysis and Evaluated for Stroke Etiology
João José Freitas de Carvalho, Hosp Geral de Fortaleza, Ceara, Brazil; Cicera Borges Machado, Secretaria de Saúde do Estado do Ceara, Ceara, Brazil; Georgiana Alvares Andrade Viana, Hosp Geral de Fortaleza, Ceara, Brazil; Monique Bueno Alves, Bento Cardoso dos Santos, Gisele S Silva, Hosp Israelita Albert Einstein, São Paulo, Brazil

Representativeness of Get with the Guidelines-Stroke among Fee-for-Service Medicare Beneficiaries with Ischemic Stroke
Mathew J Reeves, Michigan State Univ, East Lansing, MI; Eric E Smith, Calgary Stroke Program, Univ of Calgary, Calgary, AB, Canada; Gregg C Fonarow, Div of Cardiology, Univ of California, Los Angeles, CA; DaiWai M Olson, Adrian F Hernandez, Lesley H Curtis, Li Liang, Wendy Pan, Eric D Peterson, Lee H Schwamm, Duke Clinical Res Inst, Durham, NC
Poster Board Number P299 / Presentation Number Th P299
Trends in Acute Ischemic Stroke Presentation in the GWTG Stroke Database 2004-2009: Opportunities for Improvement and Implications of Longer Treatment Time Windows
David Tong, CALIFORNIA PACIFIC MED CTR, San Francisco, CA; Xin Zhao, Duke Clinical Res Inst, Durham, NC; DaiWai Olson, Duke Univ Medical Ctr, Durham, NC; Matthew Reeves, Michigan State Univ, East Lansing, MI; Gregg Fonarow, UCLA, Los Angeles, CA; Lee Schwamm, Massachusetts General Hosp, Boston, MA; Eric Smith, Univ of Calgary, Calgary, AB, Canada

Poster Board Number P300 / Presentation Number Th P300
Stroke care in England, Wales and Northern Ireland Results from the National Sentinel Organisation of Care Audit of Stroke 2010
Anthony G Rudd, Guy's and St Thomas' Hosp, London, United Kingdom; Alexandra Hoffman, Uta Henssge, Royal Coll of Physicians, London, United Kingdom; Derek Lowe, Royal Coll of Physician, London, United Kingdom; Geoffrey Cloud, Royal Coll of Physicians, London, United Kingdom

Poster Board Number P301 / Presentation Number Th P301
Acute Stroke Care: Telestroke vs On-site Stroke Specialist Care Results from the Ontario Telestroke Experience
Ferhana B Khan, Registry of the Canadian Stroke Network, Toronto, ON, Canada; Ruth E Hall, Ontario Stroke Network, Toronto, ON, Canada; Melissa Stamplecoski, Registry of the Canadian Stroke Network, Toronto, ON, Canada; Andrew Calzavara, Inst for Clinical Evaluative Sciences, Toronto, ON, Canada; Janice A Richards, Moira K Kapral, Registry of the Canadian Stroke Network, Toronto, ON, Canada; Frank L Silver, Univ Health Network, Toronto, ON, Canada

Poster Board Number P302 / Presentation Number Th P302
Primary Stroke Center Designation is Associated with Increased Utilization of Intravenous Tissue Plasminogen Activator and Mechanical Embolectomy for Acute Ischemic Stroke in Illinois
Maggie McNulty, Bichun Ouyang, Maritza Barajas, Lauren N Macklis, Shyam Prabhakaran, Rush Univ Medical Ctr, Chicago, IL

Poster Board Number P303 / Presentation Number Th P303
Participation in a Statewide Stroke Registry is Associated with Shorter Door-to-Needle Time in Patients with Acute Ischemic Stroke Receiving Intravenous tissue-Plasminogen Activator
Michael R Frankel, Emory Univ Sch of Med, Atlanta, GA; Moges S Ido, GA Dept of Community Health-Div of Public Health, Atlanta, GA; Kerrie A Krompf, Emory Univ Sch of Med, Atlanta, GA; Katja G Bryant, Emory Johns Creek Hosp, Johns Creek, GA; Laura J Fehrs, GA Dept of Community Health-Div of Public Health, Atlanta, GA

Poster Board Number P304 / Presentation Number Th P304
Quality of Acute Stroke Care Improves during Participation in a Statewide Stroke Registry
Moges S Ido, Laura J Fehrs, Georgia Dept of Community Health, Atlanta, GA; Kerrie A Krompf, Dept of Neurology, Emory Univ, Atlanta, GA; Katja G Bryant, Georgia Dept of Community Health, Atlanta, GA; Michael R Frankel, Dept of Neurology, Emory Univ, Atlanta, GA

Poster Board Number P305 / Presentation Number Th P305
What Hospital Characteristics Are Associated With Better Quality Of Care? Results from The Michigan Coverdell Stroke Registry
Mathew J Reeves, Michigan State Univ, East Lansing, MI; Adrienne Nickles, Rochelle Hurst, Stacey Roberts, Jay Fiedler, Michigan Dept of Community Health, Lansing, MI

Poster Board Number P306 / Presentation Number Th P306
Does Implementation of Critical Pathway improve the Clinical Outcomes on Acute Ischemic Stroke?
Wook-joon Kim, Ulsan Univ Hosp, Univ of Ulsan Coll of Med, Ulsan, Korea, Republic of; youngchul Ko, Eulji Univ Coll of Med, Daejeon, Korea, Republic of; Jung Hyun Park, Dongguk Univ Gyeongju Hosp, Gyeongju, Korea, Republic of; Hae Min Kim, Mi Hwa Yang, Hui Lae Yeo, Myung Suk Jang, Stroke center, Seoul Natl Univ Bundang Hosp, Bundang, Korea, Republic of; Moon-Ku Han, Stroke center, Seoul Natl Univ Bundang Hosp, Bundang, Kyrgyzstan; Hee-Joon Bae, Stroke center, Seoul Natl Univ Bundang Hosp, Bundang, Korea, Republic of

Poster Board Number P307 / Presentation Number Th P307
Impact of a New Neuroscience Intermediate Care Unit on Acute Stroke Care: Quality, Cost, and Nursing Productivity
Richard S Jung, Cathy Sila, Anthony J Furlan, Univ Hosp Case Medical Ctr, Stroke & Cerebrovascular Ctr, Cleveland, OH; Curtis Tatsuoka, Leigh A McCartney, Univ Hosp Case Medical Ctr, Cleveland, OH; Andrew Gallan, Case Western Reserve Univ, Cleveland, OH

Poster Board Number P308 / Presentation Number Th P308
Hospital-Based Study of Acute Stroke Management and Outcome: Results from the Thai Stroke Registry (TSR)
Yongchai Nilanont, Div of Neurology, Siriraj Hosp, Mahidol Univ, Bangkok, Thailand; Samart Nidhinandana, Div of Neurology, Phramongkutkla Hosp and Coll of Med, Bangkok, Thailand; Nisasri Suwanwela, Neurological Unit, Dept of Med, Chulalongkorn Univ, Bangkok, Thailand; Suchat Hanchaiphiboolkulk, Dept of Neurology, Prasat Neurological Inst, Bangkok, Thailand; Pyatat Tatsanavivat, Div of Cardiovascular Disease and Internal Med, Khon Kaen Univ, Khon Kaen, Thailand; Niphon Poungvarin, Div of Neurology, Siriraj Hosp, Mahidol Univ, Bangkok, Thailand

Poster Board Number P309 / Presentation Number Th P309
Predictors of the Use of Dysphagia Screening in Patients with Acute Ischemic Stroke
Shihab Masrur, Berkshire Medical Ctr, Pittsfield, MA; Eric E Smith, Univ of California, Albert, AB, Canada; Jeffrey L Saver, UCLA Stroke Ctr, Los Angeles, CA; Mathew Reeves, Michigan State Univ, East Lansing, MI; Deepak L Bhatt, Brigham and Women hospital, Boston, MA; Xin Zhao, Duke Clinical Res Inst, Durham, NC; DaiWai Olson, Duke Univ Medical Ctr, Durham, NC; Wenqin Pan, Adrian F Hernandez, Duke Clinical Res Inst, Durham, NC; Gregg C Fonarow, Ronald Reagan UCLA Medical Ctr, LA, CA; Lee H Schwamm, Massachusetts General Hosp, Boston, MA

Poster Board Number P310 / Presentation Number Th P310
Association between Do Not Resuscitate Orders and the Quality of Acute Stroke Care in the Veterans Health Administration (VHA)
Mathew J Reeves, Michigan State Univ, East Lansing, MI; Laura Myers, Veterans Health Admin (VHA) Stroke Quality Enhancement Res Initiative (QUERI) Program, Indianapolis, IN; Linda S Williams, Diana Ordin, Dawn M Bravata, Veterans Health Admin (VHA) Stroke Quality Enhancement Res Initiative (QUERI) Program, Indianapolis, IN
SAH Management Posters II  Th P330 – Th P334

Poster Board Number P330 / Presentation Number Th P330
Soluble Endoglin and Vasospasm in Subarachnoid Hemorrhage
Fernando D Testai, Venkatesh Aiyagari, Maureen Hillmann, Sepideh Amin-Hanjani, Univ of Illinois at Chicago, Chicago, IL; Glyn Dawson, Univ of Chicago, Chicago, IL; Philip B Gorelick, Univ of Illinois at Chicago, Chicago, IL

Poster Board Number P331 / Presentation Number Th P331
Hemodynamics are Altered in Patients with Aneurysm-related Vasospasm pre- & post-therapy: Serial Evaluation with Whole-brain CT Perfusion
Cheemun Lum, Miguel Bussiere, Ejaz Ahmed, Matthew Hogan, Lawrie Garnett, John Hooper, John Sinclair, Mukul Sharma, The Ottawa Hosp, Ottawa, ON, Canada

Poster Board Number P332 / Presentation Number Th P332
Correlation between Anemia and Delayed Cerebral Ischemia (DCI) in aneurysmal subarachnoid haemorrhage
Muhammad A Taqi, Kaiz Asli, Khaled Asif, Michel Torbey, Medical Coll of Wisconsin, Milwaukee, WI

Poster Board Number P333 / Presentation Number Th P333
Identification of Predictors Differentiating Reversible Cerebral Vasocostriction Syndrome with Subarachnoid Hemorrhage from Aneurysmal Subarachnoid Hemorrhage
Susanne Muelhschlegel, Bruce A Barton, Univ of Massachusetts Medical Sch, Worcester, MA; Mehmet A Topcuoglu, Hacettepe Univ, Ankara, Turkey; Joshua Fok, Chinese Univ, Hong Kong, Hong Kong; Aneesh B Singhal, Massachusetts General Hosp, Harvard Medical Sch, Boston, MA

Poster Board Number P334 / Presentation Number Th P334
Systemic Hemodynamics Is Different Between Clipping And Coiling After Aneurismal Subarachnoid Hemorrhage – SAH Picco Multicenter Study –
Nobutaka Horie, Shunsuke Ishizaka, Dept of Neurosurgery, Nagasaki Univ, SAH Picco study group Japan, Nagasaki, Japan; Pentaro Hayashi, Kazuhiro Suyama, Dept of Neurosurgery, Nagasaki Univ, Nagasaki, Japan; Izumi Naga, Dept of Neurosurgery, Nagasaki Univ, SAH Picco study group Japan, Nagasaki, Japan

Vascular Cognitive Impairment Posters II  Th P335

Poster Board Number P335 / Presentation Number Th P335
Subclinical Lacunar Infarction And Chronic Kidney Disease Are Independently Associated With Frontal Lobe Dysfunction In Community-dwelling Elderly Subjects – The Sefuri Brain MRI Study
Hiroshi Yao, Nati Hosp Organization Hizen Psychiatric Ctr, Saga, Japan; Yoshikazu Miwa, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan; Yuki Takashima, Takahiro Mori, Nati Hosp Organization Hizen Psychiatric Ctr, Saga, Japan; Akira Uchino, Saitama Medical Univ Intl Medical Ctr, Saitama, Japan; Taketomi Yuzuruhi, Nati Hosp Organization Hizen Psychiatric Ctr, Saga, Japan; Toshiyuki Sasaguri, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan; Manabu Hashimoto, Nati Hosp Organization Hizen Psychiatric Ctr, Saga, Japan

Late-Breaking Science Posters I

Poster Board Number LB P1 / Presentation Number LB P1
Evaluation Of Acute Ischemic Injury In The Treatment Setting Is Significantly Different Between NCCT and CTA Source Images
Arnd Dörfler, Tobias Struffert, Martin Köhrmann, Univsiklinikum Erlangen, Erlangen, Germany; Sean Meagher, Kenneth Fraser, OSF Saint Francis Medical Ctr, Peoria, IL; Donald Frei, Richard Bellon, Daniel Huddle, Gwendolyn Dooley, Swedish Medical Ctr, Englewood, CO; Albert Yoo, R Gilberto Gonzalez, Zeshan A Chaudhry, Massachusetts General Hosp, Boston, MA; Brittany Leader, Elan Mualem, Siu Po Sit, Arani Bose, Penumbra, Inc, Alameda, CA

Poster Board Number LB P2 / Presentation Number LB P2
Perlecain Domain V is a Triple Functioning Stroke Treatment that Neuroprotects, Enhances Brain Repair, and Modulates Glial Activation and Scar Formation
Abraham Al Ahmad, Boyeon Lee, Douglas Clarke, Michael Kahle, Christi Parham, Gregory Bix, Texas A&M COLLEGE OF MEDICINE, College Station, TX
Methamphetamine Is Neuroprotective In A Rat Model Of Embolic Stroke
David J Poulsen, Thomas Rau, Univ of Montana, Dept Biomedical and Pharmaceutical Sciences, Missoula, MT; Li Zhang, Henry Ford Hosp, Detroit, MI; Aakrity Kothiwol, Univ of Montana, Dept Biomedical and Pharmaceutical Sciences, Missoula, MT; Michael Chopp, Henry Ford Hosp, Detroit, MI

Heme oxygenase1 is Neuroprotective in a Permanent Model of Ischemic Brain Injury and Plays a Key Role in Gingko Biloba (EGb761) Neuroprotection
Zahoor A Shah, Univ of Toledo, Toledo, OH; Sylvain Dore, Univ of Florida, Gainesville, FL

Incidence and Accelerating Effects of Intraplaque Hemorrhage in the Carotid Artery
Jie Sun, Hunter R Underhill, Daniel S Hippe, Yunjing Xue, Chun Yuan, Thomas S Hatsukami, Univ of Washington, Seattle, WA

Exon Level Expression Profiles That Associate with Angiographic Vasospasm in Patients with Aneurysmal Subarachnoid Hemorrhage
Veronika Skvortsova, Ludmila Stakhovskaya, Nikolay Shamalov, Kseniya Shekhovtsova, Cher Lee Soon, Federal Stroke Ctr, Moscow, Russian Federation

Safety and Efficacy of Thrombolysis in Ischemic Stroke Patients Aged 80 Years or Older
Katharina Knauer, Carolin Knauer, Susanne Müller, AC Ludolph, Roman Huber, RKU, Ulm, Germany

Association Of Hematoma Growth And Poor Outcome In Intracerebral Hemorrhage: Implications From The Interact1 Study

Safety and Efficacy of Thrombolysis in Ischemic Stroke Patients Aged 80 Years or Older
Katharina Knauer, Carolin Knauer, Susanne Müller, AC Ludolph, Roman Huber, RKU, Ulm, Germany

First Results of Implementation of Intravenous Thrombolysis in Stroke Patients in the Russian Federation: Data of Hospital Registry
Veronika Skvortsova, Ludmila Stakhovskaya, Nikolay Shamalov, Kseniya Shekhovtsova, Cher Lee Soon, Federal Stroke Ctr, Moscow, Russian Federation

CT P1 – CT P47
Ongoing Clinical Trials Posters II

CT P1 – CT P47
Ongoing Clinical Trials Posters II

Poster Board Number CT P1 / Presentation Number CT P1
The POINT Trial
S Claiborne Johnston, J Donald Easton, Univ of California San Francisco, San Francisco, CA

Poster Board Number CT P2 / Presentation Number CT P2
ICTUS Study: International Citicoline Trial on acUte Stroke (update 2011)
Antoni Dávalos, Hosp Germans Trias i Pujol, Badalona, Spain; José Alvarez-Sabín, Hosp de la Vall d’Hebron, Barcelona, Spain; José Castillo, Hosp Clínico Univirio de Santiago, Santiago de Compostela, Spain; Erik Cobo, Univ Politècnica de Catalunya, Barcelona, Spain; Exuperio Díez-Tejedor, Hosp Univirio La Paz, Madrid, Spain; Jose Ferro, Hosp de Santa Maria, Lisbon, Portugal; Eduardo Martinez-Vila, Clínica Univirio de Navarra, Pamplona, Spain; Julio J Secades, Ferrer Group, Barcelona, Spain; for the ICTUS Trial Investigators

Poster Board Number CT P3 / Presentation Number CT P3
GORE HELEX 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; The Gore REDUCE Study Investigators

Poster Board Number CT P4 / Presentation Number CT P4
The Familial Intracranial Aneurysm Study II Laura Sauerbeck, Univ of Cincinnati, Cincinnati, OH; FIA Investigators

Poster Board Number CT P5 / Presentation Number CT P5
The Interventional Management of Stroke (IMS) III Trial: An Ongoing Phase III Trial
Thomas A Tomsick, Joseph P Broderick, Univ of Cincinnati, Cincinnati, OH; for the IMS III Investigators

Poster Board Number CT P6 / Presentation Number CT P6
The Insulin Resistance Intervention after Stroke (IRIS) Trial
Walter Kernan, Yale Schoool of Med, New Haven, CT; Karen L Furie, Massachusetts General Hosp, Boston, MA; Mark Gorman, Univ of Vermont, Burlington, VT; Peter Guarino, Yale Sch of Med, New Haven, CT; Ralph I Horwitz, Stanford Univ, Palo Alto, CA; Silvio Inzucchi, Anne M Lovejoy, Catherine M Viscoli, Lawrence H Young, Yale Schoool of Med, New Haven, CT

Poster Board Number CT P7 / Presentation Number CT P7
Surgical Trial in Lobar Intracerebral Haemorrhage (STICH II)
Barbara A Gregson, Newcastle Univ, Newcastle Upon Tyne, United Kingdom; STICH II Investigators
Outcomes of Intracerebral Hemorrhage without Early Do-Not-Resuscitate Orders: A Multicenter Observational Registry
Darin B Zahuranec, Univ of Michigan, Ann Arbor, MI; J Claude Hemphill III, Univ of California San Francisco, San Francisco, CA; Kyra J Becker, Univ of Washington, Seattle, WA; Madeleine C Geraghty, Providence Sacred Heart Medical Ctr, Spokane, WA; Brisa N Sanchez, Lewis B Morgenstern, Univ of Michigan, Ann Arbor, MI

Mechanical Retrieval and Recanalization of Stroke Clots Using Embolectomy
Chelsea S Kidwell, Georgetown Univ, Washington, DC; Reza Jahan, Sidney Starkman, Jeffry R Alger, Judy Guzy, UCLA Stroke Ctr, Los Angeles, CA; Gina Ramirez, Georgetown Univ, Washington, DC; Timothy Schaewe, Jeffrey L Saver, UCLA Stroke Ctr, Los Angeles, CA; MR RESCUE Investigators

SPACE-2: Stent-protected Angioplasty in Asymptomatic Carotid Artery Stenosis vs Endarterectomy A three-arm Clinical Trial
Peter A Ringleb, Tilman Reiff, Hemassee Amiri, Univ hospital Heidelberg, Heidelberg, Germany; SPACE 2 Collaborators

Stenting and Aggressive Medical Management for Preventing Recurrent stroke in Intracranial Stenosis (SAMMPRIS)
Colin Derdeyn, Washington Univ Sch of Med, St Louis, MO; Marc Chimowitz, Medical Univ of South Carolina, Charleston, SC; David Fiorella, State Univ of New York, Stony Brook, Stony Brook, NY; Tanya Turan, Medical Univ of South Carolina, Charleston, SC; Bethany Lane, Michael Lynn, Emory Univ Sch of Med, Atlanta, GA; Scott Janis, Natl Inst of Neurological Disorders and Stroke, Bethesda, MD

The Role of Cerebral Hemodynamics in Moyamoya Disease
Colin Derdeyn, Washington Univ Sch of Med, St Louis, MO; Patricia Davis, Univ of Iowa Sch of Med, Iowa City, IA; Shyam Prabhakaran, Rush Univ Sch of Med, Chicago, IL; Venkatesh Aiyagari, Univ of Illinois at Chicago, Chicago, IL; Christina Ivan, Indiana Univ Sch of Med, Indianapolis, IN; Alysson Zazulia, Tom Videen, Nancy Hantrler, John Lee, Robert Grubb Jr, Gregory Zippel, Phil Miller, Washington Univ Sch of Med, St Louis, MO

Intensive Blood Pressure Reduction in Acute Cerebral Haemorrhage Trial (INTERACT2): progress update on the largest clinical trial in ICH

Antihypertensive Treatment of Acute Cerebral Hemorrhage II
Adnan I Qureshi, Univ of Minnesota, Minneapolis, MN; ATACH-II Investigators

Mechanisms of Stroke in Intracranial Stenosis (MoSIS - NCT01152944)
Shyam Prabhakaran, Rush Univ Medical Ctr, Chicago, IL; David S Liebeskind, Univ of California Los Angeles, Los Angeles, CA; Iszet Campo-Bustillo, Tatjana Rundek, Sebastian Koch, Univ of Miami, Miller Sch of Med, Miami, FL; Miral D Jhaveri, Rush Univ Medical Ctr, Chicago, IL; Michael Lynn, Emory Univ, Atlanta, GA; Colin P Derdeyn, Washington Univ Sch of Med, St Louis, MO; Marc I Chimowitz, Medical Univ of South Carolina, Charleston, SC; Jose G Romano, Univ of Miami, Miller Sch of Med, Miami, FL

Desmoteplase in Acute Ischemic Stroke: Status Update on the DIAS Clinical Trial Program
Gregory W Albers, Stanford Univ Stroke Ctr, Palo Alto, CA; Rüdiger von Kummer, Univ of Technology, Dresden, Germany; on behalf of the DIAS-3 and DIAS-4 Study Group

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, Los Angeles Fire Dept EMS and USC, Los Angeles, CA; Sam Stratton, OC EMS Agency and Harbor-UCLA Medical Ctr, Los Angeles, CA; Frank Pratt, LA County Fire EMS, Los Angeles, CA; Scott Hamilton, Stanford, San Francisco, CA; Robin Conwit, NIH-NINDS, Bethesda, MD; David S Liebeskind, Geffen Sch of Med at UCLA, Los Angeles, CA; Gene Sung, Nerses Sanossian, Univ of Southern California, Los Angeles, CA; for the FAST-MAG Investigators and Coordinators

Carotid Revascularization Endarterectomy versus Stenting Trial (CREST): Long Term Follow-up
Alice J Sheffet, Susan E Hughes, MeeLee Tom, UMDNJ NJ MEDICAL SCHOOL, Newark, NJ; Donald V Heck, Forsyth Radiological Associates, Winston-Salem, NC; Bart Demaerschalk, Mayo Clinic Arizona, Scottsdale, AZ; Irfan Altafullah, Minneapolis Clinic of Neurology, Golden Valley, MN; David Chiu, The Methodist Hosp, Houston, TX; Jenifer H Voeks, Jason Avery, Univ of Alabama at Birmingham, Birmingham, AL; Mary E Longbottom, Thomas G Brott, for the CREST Investigators, Mayo Clinic Florida, Jacksonville, FL

Secondary Prevention of Small Subcortical Strokes (SPS3)
Ana Roldan, Marie Benavente, UNIVERSITY OF BRITISH COLUMBIA, VANCOUVER, BC, Canada; Pablo Pergola, Gabriela Pergola, UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO, SAN ANTONIO, TX; Leslie McClure, Jeff Szychowski, UNIVERSITY OF ALABAMA, Birmingham, AL; Christopher Coffey, UNIVERSITY OF IOWA, Iowa, IA; Robin Conwit, NIH-NINDS, Bethesda, MD; Robert Hart, UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO, San Antonio, TX; Oscar Benavente, UNIVERSITY OF BRITISH COLUMBIA, VANCOUVER, BC, Canada
Randomized Evaluation of Recurrent Stroke Comparing PFO Closure to Established Current Standard of Care Treatment (RESPECT) Trial
David Thaler, Tufts Medical Ctr, Boston, MA; John Carroll, Univ of Colorado, Denver, CO; Jeffrey Saver, UCLA, Los Angeles, CA; Richard Smalling, Univ of Texas, Houston, Houston, TX; Brian van Dorn, AGA Medical Corp, Plymouth, MN

The Spot Sign for Predicting and Treating ICH Growth (STOP-IT) Study
Matthew Flaherty, Univ of Cincinnati, Cincinnati, OH; The STOP-IT Study Investigators

Vertebrobasilar Flow Evaluation and Risk of Transient Ischemic Attack and Stroke (VERITAS) Study
Sepideh Amin Hanjani, Keith Thulborn, Sean Ruland, Dilip Pandey, DeJuran Richardson, Univ of Illinois at Chicago, Chicago, IL; Gregory J Zipfel, Washington Univ Sch of Med at St Louis, St Louis, MO; Mitchell S Elkind, Columbia Univ, New York, NY; David S Liebeskind, Univ of California at Los Angeles, Los Angeles, CA; Jeffrey Kramer, Mercy Hosp and Medical Ctr, Chicago, IL; Frank Silver, Univ of Toronto-Toronto Western Hosp, Toronto, ON, Canada; Scott Kasner, Univ of Pennsylvania, Philadelphia, PR; Colin Derdeyn, Washington Univ Sch of Med at St Louis, St Louis, MO; Philip B Gorelick, Fady T Charbel, Univ of Illinois at Chicago, Chicago, IL

Third International Stroke Trial (IST-3) a Large-scale Randomised Controlled Trial Of Thrombolytic Therapy For Patients With Acute Ischaemic Stroke ISRCTN ISRCTN25765518
Peter A Sandercock, Univ of Edinburgh, Edinburgh, United Kingdom; Richard I Lindley, Univ of Sydney, Sydney, Australia; Joanna Wardlaw, Univ of Edinburgh, Edinburgh, United Kingdom; The IST-3 collaborative group

A Single-Blind Study of the Safety, Pharmacokinetics and Pharmacodynamics of Escalating Repeat Doses of GSK249320 in Patients With Ischemic Stroke
Steven C Cramer, UC IRVINE MEDICAL CENTER, Orange, CA; On behalf of the GSK249320 Study Investigators

The National Institute of Health Research Stroke Research Network Clinical Trials Portfolio
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Update on Warfarin versus Aspirin in Reduced Cardiac Ejection Fraction Trial
JLP Thompson, Shunichi Homma, Columbia Univ, New York, NY

Phase 2/3 Study of Intravenous Thrombolysis and Hypothermia for Acute Treatment of Ischemic Stroke
Thomas M Hemmen, Rema Raman, UCSD MEDICAL CENTER, San Diego, CA; David Brown, Hoag Memorial Hosp Presbyterian, Newport Beach, CA; Fen-Lei Chang, Parkview Hosp, Fort Wayne, IN; Gregor Broessner, Medische Univ Innsbruck, Innsbruck, Austria; Salvador Cruz-Flores, St Louis Univ, St Louis, MO; Rainer Kolmar, Univsklinikum Erlangen, Erlangen, Germany; Gilda M Tafreshi, Scripps Mercy Hosp, San Diego, CA; Mauricio Concha, Sarasota Memorial Hosp, Sarasota, FL; Irfan Alatafullah, North Memorial Hosp, Robbinsdale, MN; Patrick Michel, Univ de Lausanne, Lausanne, Switzerland; Sven Poli, UnivKlinikum Heidelberg, Heidelberg, Germany; Andrei V Alexandrov, Univ of Alabama, Birmingham, AL; Karen S Rapp, UCSD MEDICAL CENTER, San Diego, CA; George A Lopez, James C Grotta, Univ of Texas Medical Sch, Houston, TX; Patrick D Lyden, Cedars-Sinai Medical Ctr, Los Angeles, CA

A Very Early Rehabilitation Trial (AVERT): Ongoing Phase III Trial of Efficacy and Cost Effectiveness of Early Mobility Training after Stroke
Julie Bernhardt, Natl Stroke Res Inst, Heidelberg Heights, Australia; on behalf of the AVERT Trialist Collaboration

Cryptogenic Stroke And Underlying Af Trial (crystal Af): Design, Status And Clinical Significance To Patients, Physicians, And Hospitals
Richard A Bernstein, Northwestern Univ, Glenview, IL; Johannes Brachmann, Klinikum Coburg, Coburg, Germany; Hans-Christoph Diener, Univ Hosp Essen, Essen, Germany; Carlos A Morillo MD, McMaster Univ, Hamilton, ON, Canada; Tommaso Sanna MD, Vincenzo DiLazzaro MD, Catholic Univ of the Sacred Heart, Rome, Italy; Rod Passman, Northwestern Univ, Chicago, IL; Marilyn Rymer, St Lukes Hosp, Kansas City, MO

Efficacy of Nitric Oxide in Stroke (ENOS) Trial - A Prospective Randomised Controlled Trial in Acute Stroke
Sandep Ankolekar, Cheryl Hogg, Sally Utton, Philip M Bath, Univ of Nottingham, Nottingham, United Kingdom
A Phase II RCT of Stroke Navigators to Improve Compliance with Secondary Stroke Prevention: PROTECT DC

Alexander W Dromerick, Natl Rehabilitation Hosp, Washington, DC; M Christopher Gibbons, Johns Hopkins Sch of Med, Baltimore, MD; Dorothy F Edwards, Univ of Wisconsin, Madison, WI; Deenonna Farr, Natl Rehabilitation Hosp, Washington, DC; Annapurni Jayam-Trout, Howard Univ Sch of Med, Washington, DC; Nawar M Shara, Georgetown Univ/Medstar Health Res Inst, Washington, DC; Brisa M Sanchez, Univ of Michigan, Ann Arbor, MI; Ali Fokar, Medstar Health Res Inst, Hyattsville, MD; Regina Coles, Georgetown Univ, Washington, DC; Judson D Richardson, Natl Rehabilitation Hosp, Washington, DC; Bruce Ovbiagele, UCLA Sch of Med, Los Angeles, CA; Chelsea S Kidwell, Georgetown Univ, Washington, DC

The Combined Approach to Lysis Utilizing Epifibatide and rt-PA in Acute Ischemic Stroke Enhanced Regimen (The CLEAR-ER Stroke Trial): An Ongoing Phase IIb Trial

Arthur M Pancioli, U CINCINNATI MEDICAL CTR, Cincinnati, OH; for the CLEAR-ER Investigators

The Third International Stroke Trial (IST-3) A Large Randomised Controlled Trial of rt-PA in Acute Ischemic Stroke: Perfusion and Angiography Study: Current Progress and Recruitment

Joanna Wardlaw Sr, Peter Sandercock Sr, Trevor Carpenter Jr, Univ of Edinburgh, Edinburgh, United Kingdom; Rudiger von Kummer Sr, Univ of Dresden, Dresden, Germany; Anders von Heijn, Veronica Murray, Karolinska Inst, Stockholm, Sweden; Andre Peeters, St Luc Hosp, Louvain, Belgium; Mark Parsons, John Hunter and Calvary Mater Hosp, Newcastle, Australia; Adam Kobayashi, Univ of Warwick, Warwick, UK; Max Wintermark, Univ of Virginia, Charlottesville, VA; Richard Lindley, Univ of Sydney, Sydney, Australia; IST3 Perfusion and Angiography Study Group

Final (post-treatment) ASPECTS Score Is An Independent Predictor Of Clinical Outcome Following Endovascular Treatment Of Acute Anterior Circulation Ischemic Stroke: Analysis Of The PICS Database

Albert Yoo, Massachusetts General Hosp, Boston, MA; Michael Brant-Zawadzki, Hoag Hosp, Newport Beach, CA; Donald Frei, Swedish Medical Ctr, Englewood, CO; Donald Heck, Forsyth Medical Ctr, Winston-Salem, NC; Tim Malisch, Alexian Brothers Medical Ctr, Elk Grove Village, IL; Sean Meagher, OSF Saint Francis Medical Ctr, Peoria, IL; Darryl Shaff, Lehigh Valley Health Network, Allentown, PA; Osama Zaidat, Medical Coll of Wisconsin, Milwaukee, WI; Michael Alexander, Cedars-Sinai Medical Ctr, Los Angeles, CA; Laszlo Miskolczi, Holy Cross Hosp, Fort Lauderdale, FL; Brian Chong, Mayo Clinic, Phoenix, AZ; Robert Harr, Univ Hosp of Cleveland, Cleveland, OH; Daniel Sasson, Maimonides Medical Ctr, Brooklyn, NY; Avi Setton, North Shore Univ Hosp, Manhasset, NY; Aquila Turk III, MUSC, Charleston, SC; Christopher Zylak, Sacred Heart Medical Ctr, Spokane, WA; R Gilberto Gonzalez, Zeshan A Chaudhry, Massachusetts General Hosp, Boston, MA; Elan Maulem, Penumbra, Inc, Alameda, CA; Arani Bose, Siu Po Sit, Penumbra, Inc, Alameda, CA; For the PICS Investigators

A Phase 2 Multicenter, Randomized, Double-blind, Placebo Controlled Study of the Safety and Efficacy of PF-03049423 in Subjects with Ischemic Stroke

Martin M Bednar, Pfizer Inc, Groton, CT; Steven C Cramer, U California, Irvine, CA; Seth P Finklestein, Biotofix Inc, Waltham, MA; Joseph Park, Lucio Ferreira, Pfizer Inc, Groton, CT; Ruth McKernan, Pfizer Inc, Cambridge, United Kingdom; Larry D Altstiel, James W Kupiec, Pfizer Inc, Groton, CT; Natalie Mount, Pfizer Inc, Cambridge, United Kingdom; Paul Maruff, CogState Inc, Melbourne, Australia

Podcast: Prevention Of Decline in Cognition After Stroke Trial: A Factorial Randomised Trial Of Blood Pressure And Lipid Lowering

Sandeep Ankolekar, Lynn Stokes, Philip M Bath, Univ of Nottingham, UK, Nottingham, United Kingdom

Desmoteplase in Acute Ischemic Stroke (DIAS) Clinical Trial Program: Regional Hub-Spoke Recruitment in DIAS-4 in the United States

Philip B Gorelick, Dept of Neurology, Univ of Illinois Coll of Med, Chicago, IL; Gregory W Albers, Stanford Univ Stroke Ctr, Palo Alto, CA; Rüdiger von Kummer, Univ of Technology, Dresden, Germany

Western States Stroke Consortium Telemedicine for Stroke Project

Gene Y Sung, Univ of Southern California, Los Angeles, CA; Bart Demeerschalk, Mayo Clinic-Scottsdale, Phoenix, AZ; Chris Fanale, Swedish Medical Ctr, Denver, CO; Paul Katz, Renown Regional Medical Ctr, Reno, NV; Jennifer Majersik, Univ of Utah, Salt Lake City, UT; David Tong, California Pacific Medical Ctr, San Francisco, CA

The CHinese Medicine (MLC 601, NeuroAid®) Efficacy on Stroke recovery (CHIMES) Trial : Progress and Safety Update

Christopher Chen, Chimes Society, Singapore, Singapore

Triple Antiplatelets For Reducing Dependency After Ischaemic Stroke (tardis) Safety And Tolerability Of Clopidogrel When Added To Aspirin And Dipyridamole In High Risk Patients With Recent Ischaemic Stroke: A Randomised Controlled Trial

Sandeep Ankolekar, Margaret J Adrian, Philip M Bath, Univ of Nottingham, Nottingham, United Kingdom

Asymptomatic Carotid Trial I

Seema Chaturvedi, WAYNE STATE UNIVERSITY, Detroit, MI; Lawrence Wechsler, Univ of Pittsburgh, Pittsburgh, PA; Jon Matsumura, Univ of Wisconsin, Madison, WI; Kenneth Rosenfield, Massachusetts General Hosp, Boston, MA; Gary Ansel, Riverside Hosp, Columbus, OH; Thomas Riles, NYU, New York, NY
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Dantrolene for the Prevention and Treatment of Cerebral Vasospasm after Subarachnoid Hemorrhage – a Phase II Trial
Susanne Muehlschlegel, Bridget Garland, Raphael Carandang, Wiley Hall, Univ of Massachusetts Medical Sch, Worcester, MA; John R Sims, Massachusetts General Hosp, Harvard Medical Sch, Boston, MA

Poster Board Number CT P46 / Presentation Number CT P46
Low-frequency Transcranial Magnetic Stimulation To Enhance Motor Recovery In The Subacute Phase After Stroke
Adriana Conforto, Eduardo Mello, Erina Nagaya, Waldry Santos Jr, Eduardo Melo, Milberto Scaff, Hosp das Clinicas/Sao Paulo Univ, Sao Paulo, Brazil; Leonardo Cohen, Human Cortical Physiology Section, NINDS, NIH, Bethesda, MD

Poster Board Number CT P47 / Presentation Number CT P47
Interim Analysis of a Multi-center Trial in Secondary Ischemic Stroke Prevention in China
Bin Peng, Yicheng Zhu, Jun Ni, Weihai Xu, Lixin Zhou, Ming Yao, Jianming Wang, Peking Union Medical Coll Hospit, Beijing, China; Jiang Wu, Jilin Univ, Changchun, China; Chuanqiang Pu, 301 Hosp, Beijing, China; Yongjun Wang, Beijing Tiantan Hosp, Beijing, China; Liying Cui, Peking Union Medical Coll Hospit, Beijing, China; SMART Study Group
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Notes
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LEADING THE QUEST IN STROKE CARE.

• Cedars-Sinai has Joint Commission Primary Stroke Center Certification.
• Cedars-Sinai has been awarded the American Heart Association Get With The Guidelines Gold Plus award since its inception.
• The Chair of the Department of Neurology, Patrick Lyden, MD, is a leading research expert on cerebrovascular disease and potential treatments for stroke.
• Cedars-Sinai is contributing to NIH clinical trials in stroke:
  ICTuS 2/3: The largest study of hypothermia for acute stroke ever attempted. Dr. Lyden is the PI of this multi-center protocol, funded through SPOTRIAS grants from NINDS to University of California, San Diego and University of Texas at Houston. ICTuS 2/3 will be the definitive trial of this potential neuroprotectant.
  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 6 months compared to subjects treated with best medical care alone.
  MR RESCUE: Compares the effectiveness of treatment with the mechanical embolectomy within 8 hours of symptom onset to standard medical treatment and to identify people who might benefit from the devices based on penumbral imaging with CT or MRI.

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Chad Miller, MD  Laurie Paletz, RN
Asma Moheet, MD  Betty Robertson, RN
David Palestrant, MD  Nili Steiner, RN
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