

Connecting the World to Stroke Science



INTERNATIONAL
STROKE 2014
CONFERENCE

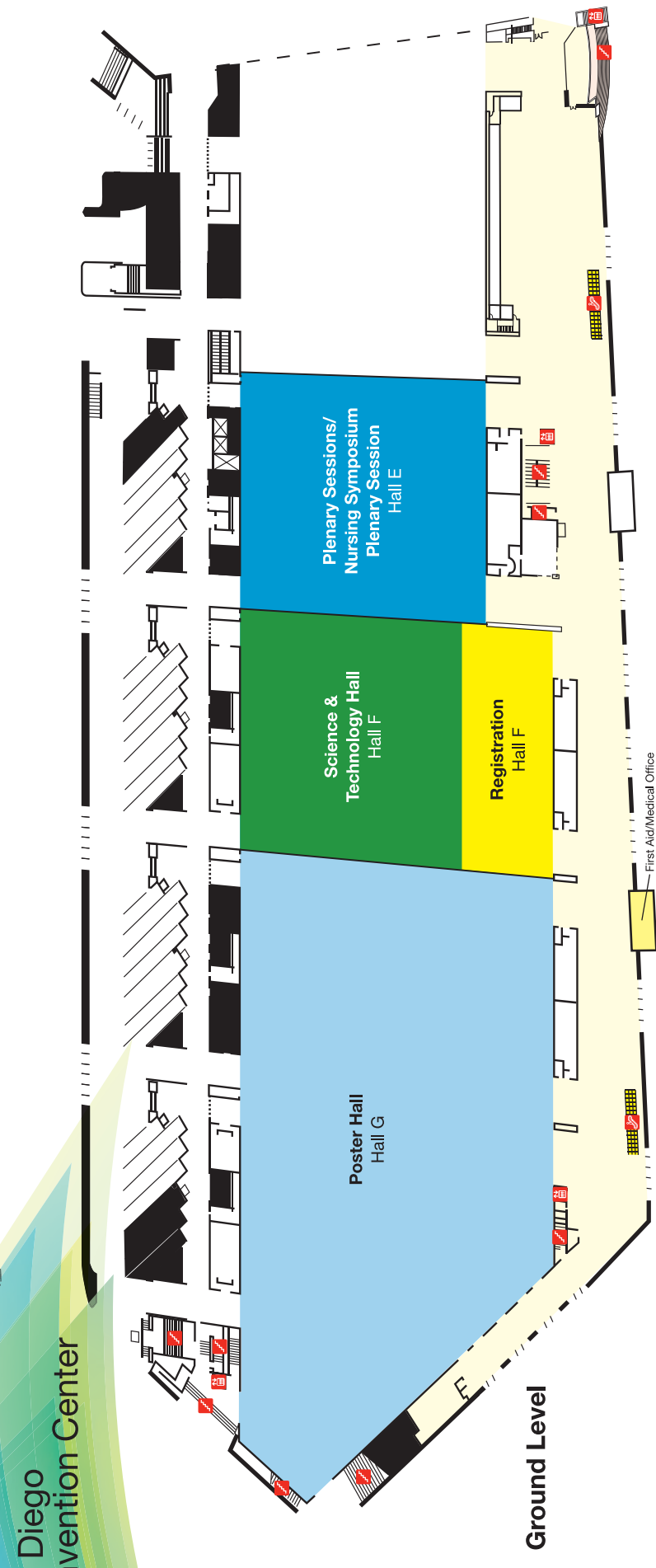
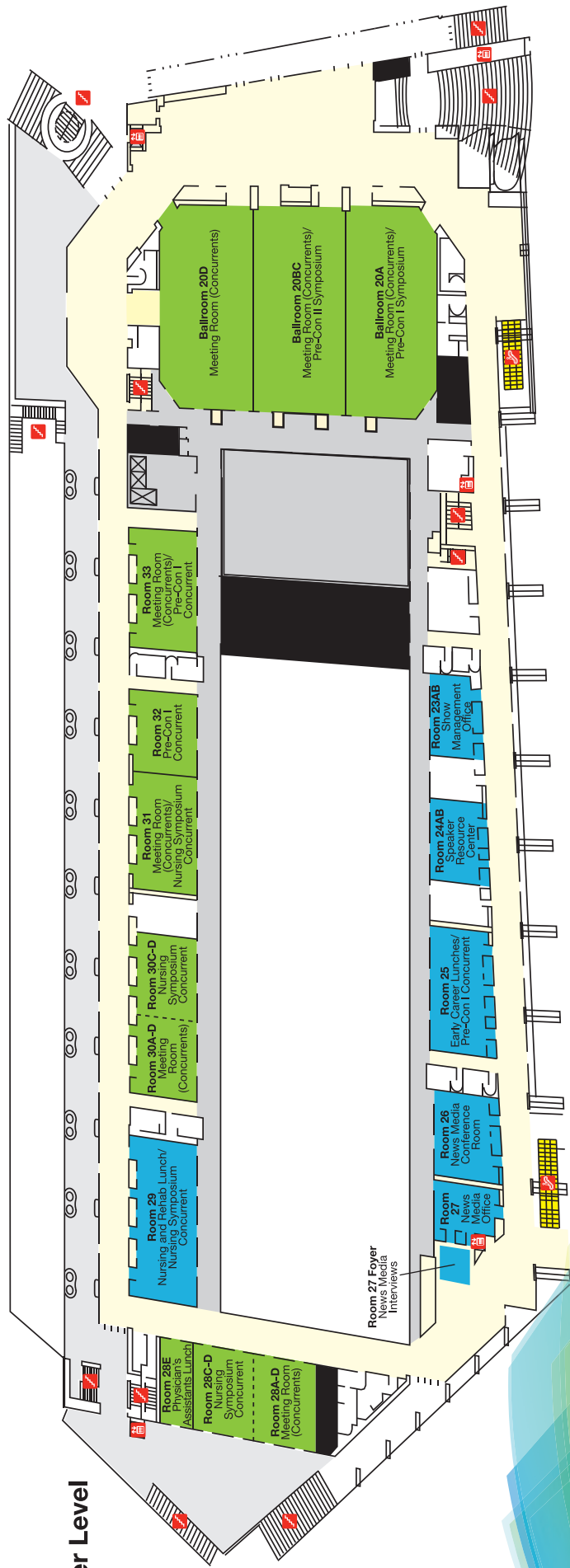
Nursing Symposium: February 11
ISC Pre-Conference: February 11
Sessions: February 12-14
Exhibits: February 12-13
San Diego, California
strokeconference.org



Final Program

Education. Inspiration. Illumination.

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The American Heart Association/American Stroke Association is grateful to the members of the International Stroke Conference 2014 Program Committee for their dedication and leadership provided throughout the year in planning the program.

Program Committee

Steven M Greenberg, MD, PhD, FAHA, Chair
Kyra Becker, MD, FAHA, Vice Chair
Heinrich Audebert, MD
Tamilyn Bakas, PhD, RN, FAHA, FAAN
Gregory Bix, MD, PhD
Joseph P Broderick, MD, FAHA (Stroke Council Chair)
S Thomas Carmichael, MD, PhD
Seemant Chaturvedi, MD, FAHA, FAAN
Kevin Cockcroft, MD, MSc, FACS
Gabrielle deVeber, MD
Anne Dorrance, PhD, FAHA
David Fiorella, MD, PhD
Joshua Goldstein, MD, PhD, FAHA
Tudor Jovin, MD
Scott Kasner, MD, MS, FAHA
Michael E Kelly, MD, PhD, FRCSC
Peter J Kelly, MD, MS, FRCPI, ABPN (Dip)
Kennedy R Lees, MD
Lewis Morgenstern, MD, FAHA, Past Chair
William Mack, MD, FAHA
Bo Norrving, MD, PhD, FESC
Bruce Ovbiagele, MD, MSc, FAHA
Leonardo Pantoni, MD
Peter Schellinger, MD, PhD, FESO, FAHA
Eric Smith, MD
Joel Stein, MD
Babu Welch, MD
Darin Zahuranec, MD

For a complete list of ISC abstract graders, please go to strokeconference.org/programming.

Dear Colleague:

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

The International Stroke Conference 2014 provides unique opportunities to meet and network with colleagues from around the world with wide-ranging research interests and expertise in stroke prevention, diagnosis, treatment and rehabilitation. This year, we anticipate almost 3,800 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 2014 program offers three separate pre-conference symposia: the State-of-the-Science Stroke Nursing Symposium; the ISC Pre-Conference Symposium I: Stroke in the Real World: Emergency Stroke Care 2014; and the Student/Trainee/Early Career Pre-Conference Symposium II. The main days of the ISC include invited symposia; debates; oral scientific abstract presentations; and scientific abstract posters, as well as special lectures on recent advances and state-of-the-science technologies. This conference is intended for adult and pediatric neurologists; neurosurgeons; neurointerventionalists; neuroradiologists and interventional radiologists; physiatrists; endovascular specialists; emergency medicine specialists; primary care physicians; hospitalists; nurses and nurse practitioners; rehabilitation specialists; physical, occupational, and speech therapists; and pharmacists. 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 and Stroke Nursing has planned another extraordinary pre-conference symposium. The State-of-the-Science Stroke Nursing Symposium 2014 program will include: Advances in Clinical Research and Quality Improvement; Essentials of Standard Clinical Practice and Stroke Center Development; Rehabilitation and Recovery; and Application of Evidence-based Practice.

The ISC Pre-Conference Symposium I: Stroke in the Real World: Emergency Stroke Care 2014 will highlight scientific advances in cerebrovascular disease while emphasizing their application in the real world. This year's symposium will focus on issues pertinent to the acute management of stroke in the ED and will cover a variety of topics of interest to healthcare providers working in the emergency department including: identifying unusual presentations of stroke; reviewing data on the use of intravenous and intra-arterial therapy; field triage of stroke patients and the utilization of primary stroke centers; treating ICH, SAH and ischemic stroke during the golden hour in the ED; and managing complications of novel anticoagulants as well as a series of interactive breakout sessions.

The ISC Pre-Conference Symposium II: Animal Models 2.0: Co-morbid Conditions, Optogenetics and Other New Directions is a new symposium developed especially for students, trainees and early career professionals. It will focus on new developments in animal modeling of stroke and will provide a direct and interactive learning experience with highly published investigators in the field that have developed new stroke models with the next generation of advancements.

The International Stroke Conference will feature special symposia, debates and abstract presentations that focus on numerous topics from 21 stroke-related categories. Sessions in clinical categories will center on stroke community risk factors, emergency care, acute neuroimaging, acute endovascular and acute nonendovascular treatment, diagnosis of stroke etiology, cerebral large artery disease, in-hospital treatment, clinical rehabilitation and recovery, and outcomes, quality and health services research. Sessions in basic science categories focus on vascular biology in health and disease, basic and preclinical neuroscience of stroke recovery, and experimental mechanisms and models. Further specialized topics include pediatric stroke, intracerebral hemorrhage, nursing, preventive strategies, vascular cognitive impairment, aneurysm, subarachnoid hemorrhage and other neurocritical management, vascular malformations, and ongoing clinical trials.

This year, not only will you have the opportunity to experience exceptional education and network with almost 3,800 cerebrovascular research and practice experts from around the globe, you will also have the chance to see the beautiful city of San Diego – the picturesque city by the ocean.

Thank you for joining us for this unique event. For the most current conference and programming information, please visit strokeconference.org and the online program planner. And don't forget to mark your calendar for next year, Feb 11 – 13, 2015, in music city – Nashville, Tennessee.

Sincerely,

Steven M Greenberg, MD, PhD, FAHA

Chair, International Stroke Conference Program Committee

7:00 AM 8:00 AM 9:00 AM 10:00 AM 11:00 AM 12:00 PM 1:00 PM 2:00 PM 3:00 PM 4:00 PM 5:00 PM 6:00 PM

State-of-the-Science Stroke Nursing Symposium

Pre-Conference Symposium I: Stroke in the Real World:
Emergency Stroke Care 2014

Pre-Conference Symposium II
(Student/Trainee/Early Career)

International Stroke Conference 2014

TUES • FEB. 11

WED • FEB 12

Symposia
Ultrafast Door to Recanalization Time Using Endovascular Therapy: How Do We Change Practice?
Non-atherosclerotic Vasculopathies
Obstructive Sleep Apnea, Cerebrovascular Dysfunction, and Vascular Cognitive Impairment
What Is the Ideal Diet for Stroke Prevention?
Oral Abstracts
Acute Neuroimaging Oral Abstracts I
Basic and Preclinical Neuroscience of Stroke Recovery Oral Abstracts I
Outcomes, Quality and Health Services Research Oral Abstracts I

SHORT BREAK

Symposia
Treating Stroke in the Field: Lessons from the First Generation of Prehospital Stroke Trials
Flow Diversion for Unruptured Aneurysms
Application of Nanotechnology for Stroke
Oral Abstracts
Diagnosis of Stroke Etiology Oral Abstracts
Intracerebral Hemorrhage Oral Abstracts I
Pediatric Stroke Oral Abstracts
Vascular Biology in Health and Disease Oral Abstracts

BREAK/SCIENCE AND TECHNOLOGY HALL

PLENARY SESSION I
AHA Presidential Address
ISC Program Chair Welcome
NIH Stroke Trial Network
Robert G Siekert Award
Keynote Oral Abstracts
David Sherman Award

LUNCH BREAK
SCIENCE AND TECHNOLOGY HALL
Fellow and Early Career/Stroke Leader Luncheon
Nursing & Rehabilitation Professionals Luncheon

Symposia
Telestroke 2.0: Developing Evidence-based Measures of Quality and Outcomes for Remote Stroke Management
Controversies in the Management of Acutely Ruptured AVMs
Non-neuronal Targets for Stroke Therapy
Exercise after Stroke: Evidence and Application
Oral Abstracts
Community/Risk Factors Oral Abstracts I
In-hospital Treatment Oral Abstracts
Preventive Strategies Oral Abstracts

BREAK/SCIENCE AND TECHNOLOGY HALL

Symposia
Recanalization Therapies for Acute Ischemic Stroke in the Very Elderly
Monitoring Techniques in the Neuroscience ICU
Vascular Disconnection: Mechanisms of Small Vessel Disease-related Cognitive Impairment
Junior Investigator Session I
Oral Abstracts
Acute Nonendovascular Treatment Oral Abstracts
Cerebral Large Artery Disease Oral Abstracts I
Nursing Oral Abstracts

SHORT BREAK

PROFESSOR-LED POSTER TOUR SESSIONS
5:15 PM - 6:15 PM
REGULAR POSTER SESSIONS
6:15 PM - 6:45 PM

International Stroke Conference 2014

THURS • FEB 13

Debate
Diffusion and Perfusion for Endovascular Treatment
Symposia
Assessing Risk of Intracerebral Hemorrhage in 2014
Protecting the Ischemic Neonatal Brain: What Can We Do Better?
Advances in Neuromodulation and Functional Restoration in Stroke Rehabilitation
Oral Abstracts
Community/Risk Factors Oral Abstracts II
Emergency Care/Systems Oral Abstracts I
Vascular Cognitive Impairment Oral Abstracts

SHORT BREAK

Symposia
Negative Randomized Studies in Endovascular Therapy for Acute Stroke: Can Different Study Designs Lead to Different Results?
Management of Dural Venous Sinus Thrombosis
Neuroprotection through Therapeutic Hypothermia
Oral Abstracts
Acute Neuroimaging Oral Abstracts II
Aneurysm Oral Abstracts
Experimental Mechanisms and Models Oral Abstracts I
Outcomes, Quality and Health Services Research Oral Abstracts II

SHORT BREAK

PLENARY SESSION II
Mordecai Y T Globus Award
Stroke Care in Emergency Medicine Award
Keynote Oral Abstracts
Thomas Willis Award

LUNCH BREAK
SCIENCE AND TECHNOLOGY HALL
Fellow and Early Career/Stroke Leader Roundtable Luncheon
Physician Assistants and Nurse Practitioners Luncheon

Debate
Secondary Prevention for Stroke: Does Etiology Matter?
Symposia
Purpose, Design, Conduct, and Implementation of Multicentre (Phase 3) Animal Studies
Acute Management of ICH: Blood Pressure Lowering, Surgery and Future Directions
Oral Abstracts
Acute Endovascular Treatment Oral Abstracts I
Clinical Rehabilitation and Recovery Oral Abstracts
Vascular Malformations Oral Abstracts
Late-Breaking Science Oral Abstracts

BREAK/SCIENCE AND TECHNOLOGY HALL

Debate
Acute Carotid Revascularization
Symposia
Stroke Palliative Care
Direct Thrombin Inhibitors and Neuroprotection: An Unexpected Journey
Advances in Neuroimaging: New Tools to Understand Injury and Repair in Pediatric Stroke
Treatment of Small Vessel Disease: Lessons from the Clinical Trials
Stroke Controversies (a Stroke journal session)
Junior Investigator Session II

SHORT BREAK

PROFESSOR-LED POSTER TOUR SESSIONS
5:15 PM - 6:15 PM
REGULAR POSTER SESSIONS
6:15 PM - 6:45 PM

International Stroke Conference 2014

FRI • FEB 14

Symposia
Stroke Guidelines Session
Cryptogenic Stroke: Knowns and Unknowns
Transitional Stroke Care: The Intersection of Practice, Research, and Policy
Remote Limb Conditioning: A New, Safe Therapy for Stroke?
Oral Abstracts
Cerebral Large Artery Disease Oral Abstracts II
Experimental Mechanisms and Models Oral Abstracts II
Intracerebral Hemorrhage Oral Abstracts II

SHORT BREAK

Debate
Symptomatic Carotid Stenosis: Are We Ready to Study Aggressive Medical Therapy
Symposia
Does Protecting the Brain from Stroke and Its Neurodegenerative Effects Have Its Origins in Youth?
Stroke Family Caregivers: Research, Resources and Policy
Oral Abstracts
Acute Endovascular Treatment Oral Abstracts II
Basic and Preclinical Neuroscience of Stroke Recovery Oral Abstracts II
Emergency Care/Systems Oral Abstracts II
SAH and Other Neurocritical Management Oral Abstracts

SHORT BREAK

PLENARY SESSION III
The Next Big Thing in Stroke (at Lightning Speed)
William M Feinberg Award
Keynote Oral Abstracts
ISC 2015 Program Chair's Closing Remarks

ADJOURN


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Acute Endovascular Treatment	Acute Neuroimaging	Acute Nonendovascular Treatment	Aneurysm	Basic and Preclinical Neuroscience of Stroke Recovery	Cerebral Large Artery Disease	Clinical Rehabilitation and Recovery	
Ultrafast Door to Recanalization Time Using Endovascular Therapy: How Do We Change Practice? Ballroom 20BC Wed, 7:00 am - 8:30 am	Acute Neuroimaging Oral Abstracts I Ballroom 20A Wed, 7:00 am - 8:30 am	Recanalisation Therapies for Acute Ischemic Stroke in the Very Elderly Ballroom 20BC Wed, 3:30 pm - 5:00 pm	Flow Diversion for Unruptured Aneurysms Room 33 Wed, 8:40 am - 10:10 am	Basic and Preclinical Neuroscience of Stroke Recovery Oral Abstracts I Room 31 Wed, 7:00 am - 8:30 am	Non-atherosclerotic Vasculopathies Room 28A-D Wed, 7:00 am - 8:30 am	Exercise after Stroke: Evidence and Application Room 33 Wed, 1:30 pm - 3:00 pm	
Negative Randomized Studies in Endovascular Therapy for Acute Stroke: Can Different Study Designs Lead to Different Results? Ballroom 20BC Thurs, 8:40 am - 10:10 am	Diffusion and Perfusion for Endovascular Treatment (Debate) Ballroom 20BC Thurs, 7:00 - 8:30 am	Acute Nonendovascular Treatment Oral Abstracts Ballroom 20A Wed, 3:30 pm - 5:00 pm	Aneurysm Oral Abstracts Room 31 Thurs, 8:40 am - 10:10 am	Non-neuronal Targets for Stroke Therapy Room 30A-D Wed, 1:30 pm - 3:00 pm	Cerebral Large Artery Disease Oral Abstracts I Room 30A-D Wed, 3:30 pm - 5:00 pm	Advances in Neuromodulation and Functional Restoration in Stroke Rehabilitation Room 31 Thurs, 7:00 am - 8:30 am	
Acute Endovascular Treatment Oral Abstracts I Ballroom 20D Thurs, 1:30 pm - 3:00 pm	Acute Neuroimaging Oral Abstracts II Ballroom 20A Thurs, 8:40 am - 10:10 am	Acute Carotid Revascularization (Debate) Ballroom 20BC Thurs, 3:30 pm - 5:00 pm		Neuroprotection through Therapeutic Hypothermia Room 30A-D Thurs, 8:40 am - 10:10 am	Cerebral Large Artery Disease Oral Abstracts II Ballroom 20D Fri, 7:30 am - 9:00 am	Clinical Rehabilitation and Recovery Oral Abstracts Room 28A-D Thurs, 1:30 pm - 3:00 pm	
Acute Endovascular Treatment Oral Abstracts II Ballroom 20D Fri, 9:10 am - 10:40 am				Basic and Preclinical Neuroscience of Stroke Recovery Oral Abstracts II Room 33 Fri, 9:10 am - 10:40 am	Symptomatic Carotid Stenosis: Are We Ready to Study Aggressive Medical Therapy? (Debate) Ballroom 20BC Fri, 9:10 am - 10:40 am		
Community/Risk Factors	Diagnosis of Stroke Etiology	Emergency Care/ Systems	Experimental Mechanisms and Models	In-hospital Treatment	Intracerebral Hemorrhage	Nursing	
What Is the Ideal Diet for Stroke Prevention? Room 33 Wed, 7:00 am - 8:30 am	Diagnosis of Stroke Etiology Oral Abstracts Ballroom 20A Wed, 8:40 am - 10:10 am	Treating Stroke in the Field: Lessons from the First Generation of Prehospital Stroke Trials Ballroom 20BC Wed, 8:40 am - 10:10 am	Application of Nanotechnology for Stroke Room 31 Wed, 8:40 am - 10:10 am	In-hospital Treatment Oral Abstracts Ballroom 20A Wed, 1:30 pm - 3:00 pm	Intracerebral Hemorrhage Oral Abstracts I Room 30A-D Wed, 8:40 am - 10:10 am	Nursing Oral Abstracts Ballroom 20D Wed, 3:30 pm - 5:00 pm	
Community/Risk Factors Oral Abstracts I Ballroom 20BC Wed, 1:30 pm - 3:00 pm	Secondary Prevention for Stroke: Does Etiology Matter? (Debate) Ballroom 20A Thurs, 1:30 pm - 3:00 pm	Emergency Care/Systems Oral Abstracts I Room 30A-D Thurs, 7:00 am - 8:30 am	Experimental Mechanisms and Models Oral Abstracts I Room 33 Thurs, 8:40 am - 10:10 am	Stroke Palliative Care Ballroom 20A Thurs, 3:30 pm - 5:00 pm	Assessing Risk of Intracerebral Hemorrhage in 2014 Room 28A-D Thurs, 7:00 am - 8:30 am	Stroke Family Caregivers: Research, Resources and Policy Ballroom 28A-D Fri, 9:10 am - 10:40 am	
Community/Risk Factors Oral Abstracts II Ballroom 20A Thurs, 7:00 am - 8:30 am		Emergency Care/Systems Oral Abstracts II Room 30A-D Fri, 9:10 am - 10:40 am	Purpose, Design, Conduct, and Implementation of Multicentre (Phase 3) Animal Studies Room 33 Thurs, 1:30 pm - 3:00 pm		Acute Management of ICH: Blood Pressure Lowering, Surgery and Future Directions Room 30A-D Thurs, 1:30 pm - 3:00 pm		
			Remote Limb Conditioning: A New, Safe Therapy for Stroke? Room 33 Fri, 7:30 am - 9:00 am		Intracerebral Hemorrhage Oral Abstracts II Room 30A-D Fri, 7:30 am - 9:00 am		
			Experimental Mechanisms and Models Oral Abstracts II Room 31 Fri, 7:30 am - 9:00 am				
Outcomes, Quality and Health Services Research	Pediatric Stroke	Preventive Strategies	SAH and Other Neurocritical Management	Vascular Biology in Health and Disease	Vascular Cognitive Impairment	Vascular Malformations	Non-category Specific Sessions
Outcomes, Quality and Health Services Research Oral Abstracts I Room 30A-D Wed, 7:00 am - 8:30 am	Pediatric Stroke Oral Abstracts Room 28A-D Wed, 8:40 am - 10:10 am	Preventive Strategies Oral Abstracts Room 28A-D Wed, 1:30 pm - 3:00 pm	Monitoring Techniques in the Neuroscience ICU Room 31 Wed, 3:30 pm - 5:00 pm	Obstructive Sleep Apnea, Cerebrovascular Dysfunction, and Vascular Cognitive Impairment Ballroom 20D Wed, 7:00 am - 8:30 am	Vascular Disconnection: Mechanisms of Small Vessel Disease-related Cognitive Impairment Room 28A-D Wed, 3:30 pm - 5:00 pm	Controversies in the Management of Acutely Ruptured Arteriovenous Malformations Room 31 Wed, 1:30 pm - 3:00 pm	Junior Investigator Session I Room 33 Wed, 3:30 pm - 5:00 pm
Telestroke 2.0: Developing Evidence-based Measures of Quality and Outcomes for Remote Stroke Management Ballroom 20D Wed, 1:30 pm - 3:00 pm	Protecting the Ischemic Neonatal Brain: What Can We Do Better? Room 33 Thurs, 7:00 am - 8:30 am	Cryptogenic Stroke: Knowns and Unknowns Ballroom 20A Fri, 7:30 am - 9:00 am	Management of Dural Venous Sinus Thrombosis Room 28A-D Thurs, 8:40 am - 10:10 am	Vascular Biology in Health and Disease Oral Abstracts Ballroom 20D Wed, 8:40 am - 10:10 am	Vascular Cognitive Impairment Oral Abstracts Ballroom 20D Thurs, 7:00 am - 8:30 am	Vascular Malformations Oral Abstracts Room 31 Thurs, 1:30 pm - 3:00 pm	Late-Breaking Science Oral Abstracts Ballroom 20BC Thurs, 1:30 pm - 3:00 pm
Outcomes, Quality and Health Services Research Oral Abstracts II Ballroom 20D Thurs, 8:40 am - 10:10 am	Advances in Neuroimaging: New Tools to Understand Injury and Repair in Pediatric Stroke Room 28A-D Thurs, 3:30 pm - 5:00 pm		SAH and Other Neurocritical Management Oral Abstracts Room 31 Fri, 9:10 am - 10:40 am	Direct Thrombin Inhibitors and Neuroprotection: An Unexp cted Journey Room 30A-D Thurs, 3:30 pm - 5:00 pm			Stroke Controversies (a Stroke Journal Session) Room 31 Thurs, 3:30 pm - 5:00 pm
Transitional Stroke Care: The Intersection of Practice, Research, and Policy Room 28A-D Fri, 7:30 am - 9:00 am				Does Protecting the Brain from Stroke and Its Neurodegenerative Effects Have Its Origins in Youth? Ballroom 20A Fri, 9:10 am - 10:40 am			Junior Investigator Session II Room 33 Thurs, 3:30 pm - 5:00 pm
				Treatment of Small Vessel Disease: Lessons from the Clinical Trials Ballroom 20D Thurs, 3:30 pm - 5:00 pm			
				Stroke Guidelines Session Ballroom 20BC Fri, 7:30 am - 9:00 am			

International Stroke Conference Program Committee Disclosure Table

Heinrich Audebert	H.J. Audebert: Honoraria; Modest; Boehringer Ingelheim, Bayer Vital, BMS Pharma, Pfizer, Takeda, Sanofi. Consultant/Advisory Board; Significant; Lundbeck. Consultant/Advisory Board; Modest; Bayer Vital, BMS. Research Grant; Significant; BMBF, Berlin Technology Foundation with EU-co-funding, Roche Diagnostics, Sanofi Syntelabo, T-Systems.
Tamilyn Bakas	T. Bakas: Research Grant; Significant; NIH NINR R01 Grant.
Kyra Becker	K. Becker: Research Grant; Significant; NINDS. Other; Significant; outcomes adjudication committee for Merck.
Gregory Bix	G. Bix: None.
Joseph Broderick	J. Broderick: Other Research Support; Significant; Novo Nordisk (Supplier of drug for NINDS-funded STOP-IT trial), EKOS Corporation supplied catheter devices for IMS III clinical trial, Schering Plough supplies drug for NINDS-funded CLEARER Trial, Genentech Inc. (Supplier of alteplase for NINDS-funded CLEARER, IMS III trials). Honoraria; Significant; Genentech, Inc – educational grant to the American Academy of Neurology for 2012 annual meeting program 2AC.007 “What’s in a Stroke Center: Members, Services, Organization and Roles” which I directed. Consultant/Advisory Board; Modest; Pfizer, Inc. Consultant/Advisory Board; Significant; PhotoThera – participation in DSMB. Consultant/Advisory Board; Modest; The George Institute for Global Health. Honoraria; Significant; Boehringer Ingelheim – honorarium for lectures presented at the 11th Annual Stroke Unit Heads Meeting and the 5th Annual Hearts and Minds Cardiovascular Conference, plus travel expenses to and from meeting.
S Thomas Carmichael	S. Carmichael: Research Grant; Significant; Biotime, Inc.
Seemant Chaturvedi	S. Chaturvedi: Expert Witness; Modest; Compensation for expert witness review. Consultant/Advisory Board; Modest; WL Gore. Abbott Vascular. Boehringer-Ingelheim. Bristol Myers Squibb.
Kevin Cockroft	K. Cockroft: Honoraria; Modest; Bayer Nippon. Consultant/Advisory Board; Modest; Covidien Neurovascular, Actuated Medical.
Gabrielle deVeber	G deVeber: Research Grant; Significant; NINDS.
Anne Dorrance	A. Dorrance: None
David Fiorella	D. Fiorella: None
Joshua Goldstein	J. Goldstein: Consultant/Advisory Board; Modest; CSL Behring. Research Grant; Significant; CSL Behring.
Steven Greenberg	S.M. Greenberg: Research Grant; Significant; National Institutes of Health. Consultant/Advisory Board; Significant; Hoffman-Laroche, MRI review committee.
Tudor Jovin	T.G. Jovin: Consultant/Advisory Board; Modest; Silk Road Medical.
Scott Kasner	S.E. Kasner: Research Grant; Significant; WL Gore, Acorda, AstraZeneca, Biogen. Consultant/Advisory Board; Significant; Medtronic, Parexel, Novartis, GlaxoSmithKline, Boehringer Ingelheim, Abbvie, Pfizer.
Michael Kelly	M. Kelly: Ownership Interest; Modest; Blockade Medical Shareholder.
Peter Kelly	P. Kelly: None
Kennedy R. Lees	K.R. Lees: Employment; Modest; University of Glasgow, NIHR Stroke Research Network. Research Grant; Modest; NIH support for CLEAR-III, EUROHYP-1. Other Research Support; Modest; Genentech support for VISTA project. Honoraria; Modest; AHA, Boehringer Ingelheim, Sanofi Aventis, Merck. Other; Modest; DMC Chairman for NEST-3, ECASS, DIAS, ICTUS, Grifols, WAKE-UP, ATTEST.
William Mack	W. Mack: Consultant/Advisory Board; Modest; Penumbra Inc. (DSMB/CEC)
Lewis Morgenstern	L.B. Morgenstern: Research Grant; Modest; St. Jude Medical.
Bo Norrving	B. Norrving: Honoraria; Modest; Syngis, Photothera, Allergan, Bayer, Boehringer. Honoraria; Significant; Servier.
Bruce Ovbiagele	B. Ovbiagele: Research Grant; Significant; NIH-NINDS U01 NS079179.
Leonardo Pantoni	L. Pantoni: None
Peter Schellinger	P.D. Schellinger: Speakers’ Bureau; Modest; Boehringer Ingelheim, Cerevast, Bayer, BMS Pfizer, Sanofi, Covidien. Honoraria; Modest; Boehringer Ingelheim, Cerevast, Bayer, BMS Pfizer, Sanofi, Covidien. Consultant/Advisory Board; Modest; Boehringer Ingelheim.
Eric Smith	E.E. Smith: Research Grant; Significant; NIH, Canadian Institutes of Health Research, Alberta Innovates – Health Solutions, Canadian Partnership Against Cancer, Canadian Stroke Network, Heart and Stroke Foundation of Canada, Alzheimer Society of Canada.
Joel Stein	J. Stein: Research Grant; Modest; Myomo, Inc., Tyromotion, Inc.. Speakers’ Bureau; Modest; QuantiaMD. Consultant/Advisory Board; Modest; Myomo, Inc.
Babu Welch	B. Welch: Consultant/Advisory Board; Modest; Stryker Neurovascular, Covidien.
Darin Zahuranec	D. Zahuranec: Honoraria; Modest; American Academy of Neurology for speaking on end-of-life decisions in stroke. Research Grant; Significant; NIH/NIA K23AG038731. Other Research Support; Modest; Medtronic.

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.

International Stroke Conference

February 12 – 14
San Diego Convention Center
San Diego, California

Program Description

The International Stroke Conference is the world's largest meeting dedicated to the science and treatment of cerebrovascular disease. More than 1,500 presentations will be featured that emphasize basic, clinical and translational sciences as they evolve toward a more complete understanding of stroke pathophysiology with the overall goal of developing more effective prevention and treatment.

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

Program/Learning Objectives

At the conclusion of the International Stroke Conference, participants should be able to:

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

International Stroke Conference and Nursing Symposium Abstracts

Abstracts from the International Stroke Conference 2014 and the Nursing Symposium 2014 will be published online in February 2014 on the *Stroke* journal's Web site at <http://stroke.ahajournals.org>. Late-Breaking Science and Ongoing Clinical Trials abstracts will be available online on the ISC Web site at strokeconference.org.

CME/CE Disclosure

All 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.

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

Continuing Education Accreditation – Nurses

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

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

Continuing Medical Education Accreditation – Physician Assistants

AAPA accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credit™* from organizations accredited by ACCME or a recognized state medical society.

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

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

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

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

Legal Disclaimer

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

Embargo Guidelines

International Stroke Conference 2014 abstracts, lectures and presentations are embargoed for release at the date and time of presentation or time of AHA/ASA news event. Late-Breaking Science abstract results are embargoed for the date and time of each session's start time in which the abstract is scheduled. Ongoing Clinical Trials abstracts are embargoed for the date and time of the Ongoing Clinical Trials Poster Session start time. Information may not be released before the scheduled presentation time. Written embargoed information cannot be shared with anyone but one-on-one embargoed media interviews can be conducted as long as the reporter agrees to abide by the embargo policy.

General Information

AHA Research Funding Opportunities

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

American Stroke Association Headquarters

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

Location: Booth 241 (in the Science and Technology Hall, Hall F)

Hours: Wednesday and Thursday, 10:00 am – 4:00 pm

American Stroke Association – Join *Together To End Stroke*

The American Stroke Association has launched *Together to End Stroke™*, sponsored nationally by Covidien, to teach all Americans that stroke is largely preventable, treatable and beatable. Through *Together to End Stroke*, the ASA is focusing its efforts across the entire stroke continuum of care in the areas of prevention, acute treatment, and post-stroke rehabilitation by providing tools and resources for consumers and health care professionals, an online digital strategy, national branding and messaging, local grassroots events and multicultural outreach. We need your help spreading this message to your patients and networks. Visit the ASA Headquarters booth (Hall F, Booth 241). To receive updates on stroke, advocacy and new resources, go to StrokeAssociation.org/signup. Let's work *Together to End Stroke*.

Badges

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

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

CME/CE Credit

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

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

For both options:

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

For assistance please contact our National Support Center at 1-888-242-2453 or e-mail learn@heart.org.

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

Conference Bags

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

Dining/Concessions

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

Exhibits/Science and Technology Hall

On Wednesday and Thursday, visit the Science and Technology Hall in Hall F, where cerebrovascular products and services will be featured.

Exhibit Hours:	Wednesday	10:00 am – 4:00 pm
	Thursday	10:00 am – 4:00 pm

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

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

Exhibitors

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

Guests of Speakers

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

Hotel Questions

A Housing Desk is located with Registration in Hall F, Ground Level of the San Diego Convention Center and will be open during regular registration hours.

International Attendees

International attendees may obtain an attendance verification form at one of the self-service terminals in Registration, located in Hall F, Ground Level of the San Diego Convention Center.

Loss of Badge Credentials

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

Medical Emergencies

The First Aid Station is located in Box Office G, Ground Level of the San Diego Convention Center. An AED is available. Please report emergencies to the nearest security guard or the Show Office, Room 23AB on the Upper Level.

Multimedia Products/Services

The following multimedia products/services are available at the San Diego Convention Center.

AHA/ASA Scientific Statements and Practice Guidelines – Download any of the 11 LWW-published AHA journals' iPad® apps for free to access the iPad supplement of the AHA/ASA Scientific Statements and Practice Guidelines. This special supplement is free to access for everyone. Included in the annual collection is the most frequently cited cardiovascular and stroke stats reference – the AHA Statistical Update. More information is available at the American Stroke Association's Headquarters Booth 241.

AHA TV – NEW! AHA TV premieres in San Diego. Your brand new conference television channel is here to cover news, views and all the important issues that emerge at the International Stroke Conference. You will be able to watch exclusive reports, produced especially for the conference from organizations, institutions, hospitals and universities dedicated to the prevention, treatment and care of cerebrovascular disease. AHA TV, brought to you by the international film and broadcasting company WebEdge, will feature a new episode daily. Watch the program around the venue and on selected hotel channels, as well as online on YouTube, the conference Web site, on social media and at <http://www.webedge.com/videos/health>.

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

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 G) and at strokeconference.org. Attendee login is required.

Mobile Meeting Guide – Use the ASA mobile meeting guide for on-the-go access to meeting information with your handheld device or smart phone. Available at strokeconference.org/mobile. Helpful staff is available in Registration, Hall F, to answer questions.

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

Posters: QR Codes – In addition to traditional poster boards at the International Stroke Conference 2014, AHA now offers a way for attendees to download information directly from a poster onto their smart phones and tablets. It's called a QR code, and it's simple to use. Just download a QR code reader from the app store on your phone (we recommend QR Reader) and then scan the code on the poster. You will then have a link to view the poster online as well as the author's contact information.

Stroke News – Visit strokeconference.org/sciencenews for official AHA/ASA news coverage of the science presented at the 2014 meeting including: exclusive video interviews, presentation slides and audio, summary slides, news releases, and more.

Wireless Internet – Complimentary WiFi will be located at various hot spots throughout the Science and Technology Hall, Hall F.

News Media

From Feb 12 – 14, for media interviews, news conferences or inquiries about news releases, contact News Media Headquarters, Room 27 on the Upper Level.

No Smoking Policy

American Heart Association/American Stroke Association policy prohibits smoking in convention center meeting rooms, the Poster Hall and the Science and Technology Hall. We appreciate your cooperation.

Photography and Audio/Video Recording

Unauthorized recording of the American Heart Association's Scientific Sessions, scientific conferences and the American Heart Association/American Stroke Association's International Stroke Conference is prohibited, whether by video, still or digital photography, audio, or any other recording or reproduction mechanism. This includes recording of presentations and supporting audiovisual materials and of poster presentations and supporting poster materials. The American Heart Association/ American Stroke Association reserves the rights to all recordings or reproductions of presentations at AHA/ASA scientific conferences and meetings.

Power To End Stroke

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

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

Registration

Onsite Registration Hours – Onsite registration will take place in Hall F, Ground Level, at the San Diego Convention Center during the days and hours listed below:

Tuesday, Feb 11	6:30 am – 5:00 pm
Wednesday, Feb 12	6:30 am – 5:00 pm
Thursday, Feb 13	6:30 am – 5:00 pm
Friday, Feb 14	6:30 am – 12 Noon



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

Registration Refund/Cancellation Policy – Registrants who cancel must request a refund of fees paid in writing. Cancellation requests received at Convention Data Services by Jan 22, 2014, midnight EST will be processed, less a \$50 administrative fee. No refunds will be issued until 7 – 15 days post-event. No refunds will be made after Jan 22, 2014. Purchased meal tickets are non-refundable. Refunds will not be granted for no-shows after the conference. **No refunds will be issued onsite.**

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

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

Restaurant Reservations

Visit the San Diego Visitor's Information Booth in the Hall E Lobby, Ground Level, for information and reservations at the many fine restaurants in San Diego and to pick up city attraction guides and brochures.

Safety

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

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

Sessions Seating

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

Speaker Resource Center

The Speaker Resource Center is located in Room 24A-B of the San Diego Convention Center. All oral presentations will be in electronic format. Speakers are required to submit their presentations to the Speaker Resource Center **at least 12 hours before session start time**. All speakers must check in at Room 24A-B at least two hours before session start time to review their presentations for technical and format issues.

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

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

Tuesday, Feb 11	6:00 am – 5:30 pm
Wednesday, Feb 12	6:00 am – 5:30 pm
Thursday, Feb 13	6:00 am – 5:30 pm
Friday, Feb 14	6:00 am – 12 Noon

Stroke OnDemand™

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

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

Transportation

Ground Transportation

Shuttle service from the airport is available at the transportation plazas across from the San Diego Airport Terminals 1 and 2, and curbside from the Commuter Terminal.

Taxicab stands are located at the airport. Base fare and rates are displayed on the meter and include a flag drop charge plus a per-mile and/or a per-hour charge. If you are traveling from the airport, they will also add \$1.50 to your final total.

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 San Diego Convention Center

Onsite private vehicle parking is available at the San Diego Convention Center's underground garage located below the building. Enter the parking garage on Harbor Drive between First Ave. and Fifth Ave. The daily rate is \$15. Payment is due upon entry and there are no in and out privileges. No overnight or RV parking is permitted.

Additional parking is located directly across the street from the San Diego Convention Center, on the corner of Harbor and 8th Ave.

Twitter



Use Twitter to tweet your questions/comments during the meeting or just talk about what is happening at ISC 2014. Use hashtag: #ISC14.

Venue

San Diego, California

Experience the beauty of San Diego. Nestled in the midst of more than seventy miles of pristine beaches to the west, and sprawling mountains and desert to the east, San Diego has something for everyone. With friendly locals, world-class attractions like SeaWorld and the San Diego Zoo, and a laid-back vibe all its own, California's playground is perfect for the young and young at heart. Whether it is the vibrant Gaslamp Quarter, upscale or casual dining, museums, art galleries, a Tony Award-winning theater, world-class opera, or the symphony, there is something for everyone in this picturesque city by the ocean.

Web Resources

HealthJobsPLUS for Professionals

This is a Job Placement Service that can be found online at strokeconference.org (HealthJobsPlus) or at the Communication Center, located in the Hall F Lobby, Ground Level.

my.americanheart.org

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

StrokeAssociation.org

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

StrokeAssociation.org/resources

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

strokeconference.org

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

learn.heart.org

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

Online Itinerary/Program Planner

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

STROKE COUNCIL ACTIVITIES

Wednesday, Feb 12, 12:10 pm – 1:30 pm, Room 29 Nursing and Rehabilitation Professionals Luncheon

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

Moderators: Lorie Richards, PhD, OTR/L, Salt Lake City, UT
Kelly Anderson, BSN, RN, Murray, UT

12:10 Introduction, Announcements and Overview
Lorie Richards, PhD, OTR/L, Salt Lake City, UT

12:15 Federal Healthcare Rules and Regulations
John D Ward, Allentown, PA

12:45 Collaboration between Nurses, Patients, Families, Physical Therapists, and Occupational Therapists
DaiWai Olson, PhD, RN, CCRN, Dallas, TX

1:15 Discussion

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

We would like to thank Lorie Richards, Kelly Anderson, and the Nursing and Rehabilitation Professions Committee for their time and effort in planning this luncheon.

Wednesday, Feb 12, 12:10 pm – 1:30 pm, Room 25 Fellow and Early Career Luncheon: Developing Successful Career Paths in Stroke

Moderator: Pooja Khatri, MD, FAHA, Cincinnati, OH

12:10 Introduction
Pooja Khatri, MD, FAHA, Cincinnati, OH

12:15 The Path to a Successful Stroke Clinical Trialist
Marc I Chimowitz, MD, FAHA, Charleston, SC

12:30 The Path to a Successful Stroke Basic Scientist
Michael Tymianski, MD, PhD, FRCSC, Toronto, ON, Canada

12:45 The Path to a Successful Stroke Director
Marilyn M Rymer, MD, FAHA, Kansas City, KS

1:00 Discussion

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

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

Wednesday, Feb 12, 6:45 pm, Room 25 Stroke Council Annual Business Meeting

All Stroke Council Members are welcome to attend.

Thursday, Feb 13, 12:10 pm – 1:30 pm, Room 25
Fellow and Early Career/Stroke Leader Roundtable Luncheon

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

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

Facilitator: Pooja Khatri, MD, FAHA, Cincinnati, OH

Table Moderators/Leaders:

Opeolu Adeoye, MD, Cincinnati, OH
Acute Stroke/Neurocritical Care

Sepideh Amin-Hanjani, MD, FAANS, FACS, FAHA, Chicago, IL
Cerebrovascular Surgery

William Barsan, MD, FACEP, FAHA, Ann Arbor, MI
Acute Stroke/Emergency Medicine

E Sander Connolly, Jr, MD, FAHA, New York, NY
Cerebrovascular Surgery/Basic Science

Steven Cramer, MD, Orange, CA
Stroke Rehabilitation

Stephen M Davis, MD, FRCP, Edin FRACP, FAHA, Victoria, Australia
Acute Stroke/Neuroimaging

Stephanie DeBette, MD, Paris, France
Stroke Genetics/Neurocritical Care

Marc Fisher, MD, FAHA, Worcester, MA
Stroke journal

Heather Fullerton, MD, San Francisco, CA
Pediatric Stroke/Epidemiology

Philip B Gorelick, MD, MPH, FAHA, Grand Rapids, MI
Stroke Prevention

Dawn Kleindorfer, MD, FAHA, Cincinnati, OH
Epidemiology/Stroke Prevention

Barbara Lutz, PhD, RN, CRRN, FAHA, Gainesville, FL
Nursing

Louise D McCullough, MD, PhD, Farmington, CT
Basic Science

Ruediger Von Kummer, MD, PhD, FAHA, Dresden, Germany
Endovascular/Radiology

Nils G Wahlgren, MD, PhD, Stockholm, Sweden
Acute Stroke

Carolee J Winstein, PhD, PT, FAPTA, Los Angeles, CA
Rehabilitation

Max Wintermark, MD, Charlottesville, VA
Stroke Neuroimaging

Osama Zaidat, MD, Milwaukee, WI
Endovascular/Neurology

We would like to thank Dr. Pooja Khatri for her time and effort in planning these Early Career Luncheons.

Thursday, Feb 13, 12:10 pm – 1:30 pm, Room 28E
NEW! Physician Assistants and Nurse Practitioners Luncheon

Moderator: Krista Jordan, PA-C, St Louis Park, Minnesota

12:10 National and International Trends of Physician Assistants
Krista Jordan, PA-C, St Louis Park, Minnesota

12:30 Effective Utilization of Advance Practice Providers in Neurology
Matthew J Ostrander, MD, St Louis Park, Minnesota

12:50 Panel Discussion

Krista Jordan, PA-C, St Louis Park, Minnesota
Kristen Barklow, RN, MSN, CNP, Minneapolis, Minnesota
David Y Huang, MD, PhD, Chapel Hill, North Carolina
Matthew J Ostrander, MD, St Louis Park, Minnesota
Gail Wallace, RN, CNP, Duluth, MN

1:15 Informal Discussion and Networking

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

We would like to thank Krista Jordan for her time and effort in planning this Physician Assistants and Nurse Practitioners Luncheon.

AWARD INFORMATION

The International Stroke Conference 2014 is pleased to offer several awards for investigators in stroke-related research. Selected awardees will present and be acknowledged at the International Stroke Conference.

David G Sherman Lecture

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

Wednesday, Feb 12, 11:40 am, Hall E

David G Sherman Lecture:
Considering the Future of Academic Vascular Neurology
Marc Fisher, MD, FAHA, Worcester, MA

Robert G Siekert New Investigator Award in Stroke

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

Wednesday, Feb 12, 10:59 am, Hall E

Robert G Siekert New Investigator Award in Stroke:
Subjective Judgments of Physicians and Nurses are More Accurate than Formal Clinical Scales in Predicting Functional Outcome After Intracerebral Hemorrhage
David Y Hwang, MD, New Haven, CT

Thomas Willis Lecture

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

Thursday, Feb 13, 11:40 am, Hall E

Thomas Willis Lecture:
Sex, Stroke and Innovation
Patricia D Hurn, PhD, FAHA, Austin, TX

Mordecai Y T Globus New Investigator Award

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

Thursday, Feb 13, 10:32 am, Hall E

Mordecai Y T Globus New Investigator Award in Stroke:
In Vivo Molecular Imaging Of Thrombosis and Thrombolysis Using A Fibrin-binding PET Probe
Francesco Blasi, PharmD, PhD, Charlestown, MA

Stroke Care in Emergency Medicine Award

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

Thursday, Feb 13, 10:46 am, Hall E

Stroke Care in Emergency Medicine Award:

Stroke Severity Adjusted EMS Triage Has Benefits For Bypassed Primary Stroke Centers

Evan Allen, MBA, Orlando, FL

William M Feinberg Award for Excellence in Clinical Stroke

The International Stroke Conference 2014 Program Committee accepted nominations for the 2014 William M Feinberg Award for Excellence in Clinical Stroke. This award recognizes significant contributions to the investigation and management of clinical research in stroke.

Friday, Feb 14, 12:03 pm, Hall E

William M Feinberg Award for Excellence in Clinical Stroke: Hemodynamics and Stroke Risk in Carotid Artery Occlusion

William Powers, MD, FAHA, Chapel Hill, NC

ISC Junior Investigator Travel Grants

The International Stroke Conference 2014 Travel Grants for Junior Investigators encourage and support the efforts of early career investigators in cerebrovascular disease research and encourage participation in the International Stroke Conference by providing travel funds to attend the International Stroke Conference 2014, present research in oral or poster format, and engage in discussion with senior investigators.

Application for travel grants for ISC 2015 will take place during the ISC 2015 abstract submission process. You must submit an abstract for ISC 2015 to be eligible to apply for a travel grant.

The International Stroke Conference 2014 Program Committee would like to thank the AHA/ASA's Stroke Council for their generous contribution to the ISC 2014 travel grants.

NOMINATIONS FOR ISC 2015 AWARDS

Nominations for ISC 2015 Awards

ISC staff will begin accepting nominations for the named ISC awards on Wednesday, February 12, 2014. The deadline to submit nominations for the Feinberg, Sherman and Willis Awards is Wednesday, July 9, 2014. Please go to strokeconference.org/awardsandlectures for more information about each of these awards.

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

Applications for the abstract-based awards will occur during the abstract submission process, May 21 – August 12, 2014.

FAHA Application Submission and Deadlines

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

POSTERS

Professor-Led Poster Tours and Regular Poster Sessions

During the ISC 2014 poster sessions, there will be both Professor-Led Poster Tours and Regular Poster Sessions. During the Professor-Led Poster Tours, leaders in the stroke field will take groups of conference attendees around 12 speaker-attended posters ordered by category. Each poster presenter will have approximately 2 minutes to present the highlights of his or her work, followed by 3 minutes for a Q&A from attendees. There are 10 different poster tours to select from during each Poster Tour Session.

To be a part of a Poster Tour, please turn to pg 48 and pg 72 in the Poster Abstracts section of the Final Program and decided which section/category of posters you would like to attend during each of the two Poster Tour Sessions. Five – ten minutes prior to the Poster Tour Session start time, simply go to the correspondingly numbered "Section" sign for that section/category of posters.

During the Regular Poster Sessions, poster presenters will stand by their poster for individual Q&A time with attendees; they will not give a formal presentation. These

posters are separate and not a part of the Professor-Led Poster Tours. To see the posters in the Regular Poster Session, please turn to pg 55 and pg 79 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 G, Ground Level) from 8:00 am – 6:45 pm on Wednesday, Feb 12 and Thursday, Feb 13. The speaker-attended poster sessions will take place at the following times:

Wednesday, Feb 12

Professor-Led Poster Tours	5:15 pm – 6:15 pm
Regular Poster Session	6:15 pm – 6:45 pm

Thursday, Feb 13

Professor-Led Poster Tours	5:15 pm – 6:15 pm
Regular Poster Session	6:15 pm – 6:45 pm

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

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

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

Download the free app:

1. Visit www.scanlife.com on your smartphone.
2. Download the free application (for almost all phones). iPhone users, go to the App Store and download app ScanLife.
3. Use the app to scan the code.

Start Planning Now for the International Stroke Conference 2015 in Nashville, Tennessee!

CALL FOR SCIENCE

Thank you for attending the International Stroke Conference 2014. Please don't forget these important dates for the International Stroke Conference 2015:

Submit Session Ideas

Suggested Session Submitter Opens: Monday, Feb 10, 2014
Suggested Session Submitter Closes: Monday, March 10, 2014

Submit Your Best Science for Consideration for ISC 2015

Presenting your science at ISC offers you many benefits:

- **International Impact:** Media coverage from around the world resulted in more than 1.4 billion media impressions from nearly 1,500 stories for ISC 2013.
- **Network with Leaders in the Stroke Field:** Attend ISC and discuss your findings with stroke research and practice experts from around the globe.
- **Virtual Reach:** The ISC virtual reach through the AHA/ASA Web site, e-mails, YouTube, Facebook and Twitter activity reached more than 90,000 people daily.
- **Published Abstracts:** Accepted ISC and Nursing Symposium abstracts will be published online on the *Stroke* journal Web site.

Submit Abstracts

Submission Opens: Wednesday, May 21, 2014
Submission Closes: Tuesday, Aug 12, 2014

Submit Late-Breaking Science and Ongoing Clinical Trials Abstracts

Submission Opens: Wednesday, Oct 8, 2014
Submission Closes: Wednesday, Nov 5, 2014

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

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

Bill Young



The stroke community lost one of its best this year. Bill Young was a uniquely talented individual and clinician-scientist. He substantially advanced our understanding of the pathophysiology of brain arteriovenous malformations before his untimely death on August 1, 2013. Bill's contributions were far-ranging, and reflected his ability to identify and ask important questions, and to develop impressive cross-disciplinary teams to answer these questions. He leaves behind an unusually large group of friends, collaborators and trainees.

Bill started performing intravenous and then intra-arterial xenon CBF studies in the late 1980s and early 1990s while at Columbia. He initially used these tools to study the effects of anesthetic agents on cerebral blood flow and oxygen metabolism. In collaboration with very skilled vascular neurosurgeons, vascular neurologists, cognitive neuropsychologists and interventional neuroradiologists, he began using these tools to investigate the hemodynamic and metabolic effects of AVMs and of the impact of treatment of AVMs. He documented the clinical relevance of normal perfusion pressure breakthrough and the hemodynamic thresholds of ischemia in humans.

At the turn of the millenium, he joined the faculty of the University of California-San Francisco as the James P. Livingston Professor and Vice-Chair of Anesthesia and Perioperative Care. He developed another world-class interdisciplinary team, under the banner of the Center for Cerebrovascular Research, which was dedicated to investigating the fundamental basis for the development and the biology of brain AVMs. This work has extended to epidemiologic, imaging, and clinical trials. Bill was also an outstanding mentor, with a long list of directly supervised career development awardees from both the National Institutes of Health and the American Heart Association. Bill was an active member of National Institutes of Health study sections, a strong advocate for basic and translational research at the International Stroke Conference Program Committee, and an extremely accomplished jazz pianist who would commonly find the hot spot in town before a meeting or study section and sit in with professional musicians until late into the evening.

He will be well remembered and sorely missed.

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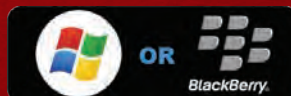
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CVSN Council Mission

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

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State-of-the-Science Stroke Nursing Symposium 2014

Tuesday, Feb 11, 2014
San Diego Convention Center
San Diego, California

The American Heart Association/American Stroke Association is grateful to the members of the 2014 State-of-the-Science Stroke Nursing Symposium Program Committee for their dedication and leadership provided throughout the year planning the program.

Program Committee

Jennifer Cohn, MSN, CNRN, Chair
Karen Saban, PhD, APRN, RN, CNRN, Vice Chair
Tamelyn Bakas, PhD, RN, FAHA, FAAN (ISC Program Committee Liaison)
Terrie Black, MBA, BSN, RN, BC, CRRN
Theresa Green, RN, PhD
Millie Hepburn-Smith, MSN, ACNS-BC
Sarah Livesay, DNP, RN, ACNP, CNS-A (AANN Liaison)
Linda Pierce, PhD, RN, CNS, CRRN, FAHA, FAAN
Sue Pugh, RN, MSN, CRRN, CNRN, FAHA
Karen Seagraves, MS, MPH, ACNS-BC, ANP-BC

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

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

Symposium Description

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

Nursing Symposium 2014 Learning Objectives

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

- Explain the burning issues surrounding depression and stroke
- Implement processes for obtaining follow-up after hospital discharge
- Describe the advances in clinical research and quality improvement including:
 - Optimizing stroke care through the use of lean principles across the continuum of care
 - LEANing down DTN time in a community hospital setting
 - If educating the pre-hospital community and community-at-large influences tPA treatment rates
- Define the essentials of standard clinical practice and stroke center development including:
 - Nursing roles within a comprehensive stroke center (transitions of care)
 - The use of multimodal monitoring in the detection of stroke and its sequela
- Discuss rehabilitation and recovery from stroke including:
 - The long term management of the stroke patient
 - FES and neuromodulation in stroke rehabilitation
- Manage the application of evidence-based practice including:
 - Advancing stroke science through nursing research
 - Translating nursing evidence into practice
 - A synthesis of current science and development of nursing care protocol with regard to craniectomy

Continuing Education Accreditation – Nurses

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

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

All persons who develop and/or control educational content in CME/CE activities sponsored by the American Heart Association will disclose to the audience all financial relationships with any commercial supporters of this activity as well as with other commercial interests whose lines of business are related to the CME/CE certified content of this activity. In addition, presenters will disclose unlabeled/unapproved uses of drugs or devices discussed in their presentations. Such disclosures will be made in writing in course presentation materials.

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

TUESDAY, FEBRUARY 11

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

8:00 am – 11:30 am

Plenary Session Hall E

Moderators: Jennifer Cohn, MSN, CNRN, Indianapolis, IN
Karen L Saban, PhD, RN, APRN, CNRN, Maywood, IL

- 8:00 Opening Remarks**
Mariann Piano, RN, PhD, FAHA, Chicago, IL
- 8:10 Program Announcements**
Sue Pugh, MSN, RN, CRRN, CNRN, Baltimore, MD
- 8:15 Stroke Article of the Year Presentation**
Rosemarie B King, RN, PhD, FAHA, Chicago, IL
- 8:25 Acute Stroke: Burning Issues Surrounding Depression and Stroke**
Mary K Brethour, CRNP, PhD, Hampton Cove, AL
Stephanie L Casal, MS, Stanford, CA
Catherine J Kirkness, PhD, Seattle, WA
Pamela H Mitchell, RN, PhD, FAHA, FAAN, Seattle, WA
Mary Straw, DHA, MS, RN, Oakbrook Terrace, IL

9:50 am – 10:10 am

Short Break

- 10:10 Stroke Journal Update**
Marc Fisher, MD, FAHA, Worcester, MA
- 10:20 Transitions of Care: Implementing Processes for Obtaining Follow-up after Hospital Discharge**
Jennifer M Brackman, BSN, RN, Canton, OH
Robynn S Cox, RN, BSN, Cleveland, OH
Julie Fisher, RN, BSN, Norwalk, OH
Alice Liskay, RN, BSN, MPA, CCRN, Cleveland, OH
Melissa Richardson, Mayfield Heights, OH

11:30 am – 1:00 pm

Lunch – Hall D

A boxed lunch will be provided.

1:00 pm – 5:00 pm

Concurrent A – Room 29

Advances in Clinical Research and Quality Improvement

Moderator: Sue Pugh, MSN, RN, CRRN, CNRN, Baltimore, MD

- 1:00 Optimizing Stroke Care through Use of Lean Principles across the Continuum of Care**
Kalcee Foreman, BSN, RN, St Louis, MO
Julie Griffin, BSN, MHA, St Louis, MO
Jennifer Williams, MSN, St Louis, MO
- 1:45 LEANing Down DTN Time in a Community Hospital Setting**
J Lynn Hundley, Floyds Knobs, IN
- 2:00 Nurse-Led Acute Stroke Team** **NS1**
Lynn Klassman, Royce Peppas, Barbara Pool, Lisa Brezinski, Mary Ann Tinsley, Advocate Lutheran General Hosp, Park Ridge, IL
- 2:15 Code Neuro Nurses May Improve Door-to-Needle Times in Posterior Circulation Strokes** **NS2**
Debbie Summers, Marilyn Rymer, Jennifer Wessol, Saint Luke's Hosp, Kansas City, MO
- 2:30 The Hospital Anxiety and Depression Scale has Limitations in Inpatient Post Stroke Depression Screening** **NS3**
Stephanie L Casal, Anna Finley-Caulfield, Waimei Amy Tai, Stanford Hosp and Clinics, Palo Alto, CA

2:45 pm – 3:00 pm**Short Break**

3:00 Does Educating the Pre-hospital Community and Community-at-large Influence tPA Treatment Rates?

Gerald Creel, RN, BS, CCRN, San Angelo, TX

4:00 The Power of Outreach: How Educating The Community Increases The Role of rtPA

Erin Rindels, Angela Overton, Univ of Iowa Hosp and Clinics, Iowa City, IA

4:15 Feasibility of an Electronic Point-of-Discharge Tablet for Collection of Perception of Stroke Care Quality Data

Fern Cudlip, Eden Medical Ctr, Castro Valley, CA; Victoria Swatzell, Scottsdale Healthcare – Osborn Campus, Scottsdale, AZ; Dmitri A Alexandrov, Independent Web Consultant, Burlington, VT; Meghan R Freier, Saint-Luke's Hosp, Kansas City, MO; Tara Rowek, St. Joseph's Regional Medical Ctr, Paterson, NJ; Alexis J Wojner, Health Outcomes Inst, LLC, Fountain Hills, AZ; Anne W Alexandrov, Univ of Alabama at Birmingham, Birmingham, AL

4:30 Factors Affecting Uncertainty in Caregivers of Stroke Survivors

Eeseung Byun, UCSF, San Francisco, CA; Barbara J Riegel, Marilyn S Sommers, Nancy C Tkacs, Lois K Evans, Univ of Pennsylvania, Philadelphia, PA

4:45 Discussion

5:00 Adjourn

1:00 pm – 5:00 pm**Concurrent B – Room 31****Essentials of Standard Clinical Practice and Stroke Center Development**

Moderator: Millie Hepburn, PhD (c), RN, ACNS-BC, Nanuet, NY

1:00 Nursing Roles within a Comprehensive Stroke Center: A Focus on Transitions of Care

Wende Fedder, RN, MBA, DNP, FAHA, Elk Grove Village, IL
Elizabeth Kim, MSN, APN, CNS, Elk Grove Village, IL
Judith Spilker, BSN, Cincinnati, OH
Theresa Terna, BSN, Elk Grove Village, IL

2:00 Measurement of Acute Stroke Nursing Knowledge: Opportunities for Improvement in Stroke Nursing Education

Anne W Alexandrov, Stephen E DiBiase, Artney Patterson Walker, Univ of Alabama at Birmingham, Birmingham, AL; Alexis J Wojner, Health Outcomes Inst, LLC, Fountain Hills, AZ; Barbara B Brewer, Univ of Arizona, Tucson, AZ; Victoria Swatzell, Scottsdale Healthcare – Osborn Campus, Scottsdale, AZ

2:15 The Effects of Introducing a Nurse Practitioner Stroke Champion into the Emergency Department

Lindsay Olson-Mack, Jacqueline Reardon, Elton Hedden, Rowena Carino, Cynthia VanWyk, Pamela Letzkus, Katherine Clarkson-Afshar, Scripps Health, San Diego, CA

2:30 Retention of Stroke Education Provided During Hospitalization: Increasing Stroke Knowledge or Wasting Resources?

Diane Handler, St. Luke's Hosp, Cedar Rapids, IA; Anne W Alexandrov, Univ of Alabama at Birmingham, Birmingham, AL

2:45 pm – 3:00 pm**Short Break**

3:00 What Are the Numbers Telling Us? Use of Multimodal Monitoring in the Detection of Stroke and Its Sequela

Kim Olin, Albuquerque, NM

4:00 Prevalence of Angioedema in Patients Treated with Rt-PA within a U.S. National Database

Traci Doellman, Univ of Cincinnati, Cincinnati, OH; Laura Heitsch, Washington Univ, St. Louis, MO; Heidi Sucharew, Cincinnati Childrens Hosp Medical Ctr, Cincinnati, OH; Opeolu Adeoye, Simona Ferioli, Dawn O Kleindorfer, Univ of Cincinnati, Cincinnati, OH

4:15 Impact of Substance Abuse on Timely Treatment with rt-PA: A Population-Based Study

Emily B Goodall, Pamela L Kimmel, Univ of Cincinnati, Cincinnati, OH; Heidi Sucharew, Cincinnati Childrens Hosp Medical Ctr, Cincinnati, OH; Kathleen Alwell, Charles J Moomaw, Felipe DE LOS RIOS LA ROSA, Daniel Woo, Matthew Flaherty, Pooja Khatri, Opeolu Adeoye, Simona Ferioli, Univ of Cincinnati, Cincinnati, OH; Jason Mackey, Indiana Univ, Indianapolis, IN; Sharyl Martini, Brett M Kissela, Dawn O Kleindorfer, Univ of Cincinnati, Cincinnati, OH

4:30 Stroke Mobile: Implementing A Novel Family Centered, Home-based Post-discharge System Of Care

Bethany Jennings, Lynn Eckhardt, Raymond Egger, Antonio Batiquin, Aaron Bridges, Patricia Commiskey, Gregory Dadlez, Ochsner Medical Ctr, New Orleans, LA; Ashley Wennerstrom, Tulane Univ Sch of Med, New Orleans, LA; Michael Saucier, Kenneth Gaines, Ochsner Medical Ctr, New Orleans, LA

4:45 Discussion

5:00 Adjourn

1:00 pm – 5:00 pm**Concurrent C – Room 30C-D****Rehabilitation and Recovery: An Ongoing Process**

Moderator: Teri Green, RN, PhD, Calgary, AB, Canada

1:00 Life after Stroke: Long Term Management of the Stroke Patient

Kathy Morrison, MSN, RN, CNRN, Hershey, PA
Bo Norrving, MD, PhD, FESC, Lund, Sweden
Marion Walker, PhD, MPhil, Nottingham, United Kingdom

2:00 Road to Recovery after Stroke: Understanding Predictors of Discharge Destination, Functional Independence, and Quality of Life after Hospital Discharge

Laurie Paletz, Pamela Roberts, Harriet Aronow, Sonia Guerra, Tingjian Yan, CEDARS SINAI MED CTR, Los Angeles, CA

2:15 Stroke Follow-up: Characteristics of Patients Re-hospitalized to Acute Care 30 Days After Discharge from Rehabilitation

Terrie Black, Joint Commission, Williamsville, NY; Sandra Illig, Caitlin Illig, Taryn Bennett, MedTel Outcomes, Williamsville, NY

2:30 A Better Understanding of Readmission after Stroke by Including Stroke Survivor and Caregiver Perspectives

Carole L White, Tracy L Brady, Laura L Saucedo, Univ of Texas Health Science Ctr at San Antonio, San Antonio, TX; Deb Motz, Johanna A Sharp, Baptist Health System, San Antonio, TX; Lee A Birnbaum, Univ of Texas Health Science Ctr at San Antonio, San Antonio, TX

2:45 pm – 3:00 pm**Short Break**

3:00 FES and Neuromodulation in Stroke Rehabilitation

Milos Popovic, PhD, PEng, Toronto, ON, Canada

4:00 Performance-based Testing Identifies Cognitive Deficits Missed by Screening Methods Used in Mild Stroke

Dorothy F. Edwards, Univ of Wisconsin, Madison, WI; Mary T. Morrison, Sister Kenny Rehabilitation Inst, Minneapolis, MN; Gordon M. Giles, Samuel Merritt Univ, Oakland, CA

4:15 One Hospital's Experience in Establishing a Stroke Peer Visitor Program

Carol J Droegemueller, Regions Hosp, Saint Paul, MN

4:30 Objective Fall Risk Detection in Stroke Survivors

Ruth E Taylor-Piliae, Bijan Najafi, Bruce M. Coull, Univ of Arizona, Tucson, AZ

4:45 Discussion

5:00 Adjourn

1:00 pm – 5:00 pm**Concurrent D – Room 28C-D****Application of Evidence-based Practice**

Moderator: Sarah L Livesay, DNP, RN, ACNP, CNS-A, Houston, TX

1:00 Advancing Stroke Science through Nursing Research

Matthew Gallek, PhD, RN, Tucson, AZ
Helena W Morrison, PhD, Augusta, GA
Leslie Ritter, PhD, RN, Tucson, AZ
Ruth Taylor-Piliae, PhD, RN, FAHA, Tucson, AZ

1:45 Translating Evidence into Practice: Nurses at the Forefront

Janice L Hinkle, RN, PhD, CNRN, Washington, DC
Patrice M Lindsay, BScN, MEd, PhD, Etobicoke, ON, Canada
Elaine T Miller, PhD, RN, CRRN, FAHA, FAAN, Cincinnati, OH
Hilaire Thompson, Seattle, WA

2:30 Exploring Clinician Perspectives of Treating Acute Stroke with Thrombolytic Therapy: Results of a Multi-center Qualitative Research Study

Elizabeth Gialde, John Spertus, Emily Chhatriviwalla, Brian Garavalia, Debbie Summers, Marilyn Rymer, Carole Decker, Saint Luke's Hosp, Kansas City, MO

2:45 pm – 3:00 pm

Short Break

- 3:00 Craniectomy: A Synthesis of Current Science and Development of Nursing Care Protocol**
Sarah L Livesay, DNP, RN, ACNP, CNS-A, Houston, TX
- 4:00 Improving Stroke Evidenced-Based Best Practices across a Multi-State Healthcare System** **NS20**
Deborah Camp, Atlanta Medical Ctr, Atlanta, GA; Ann Mroz, Tenet Healthcare- Florida Region, Fort Lauderdale, FL; Tina Cronin, Piedmont Medical Ctr, Rock Hill, SC; Maria Fernandez, Tenet Healthcare Corp, Dallas, TX
- 4:15 HealtheCongregations: Preventing Stroke Through Stroke Tele-education** **NS21**
Patty A Schweickert, Andrea C. Lomboy, Nina Solenski, Univ of Virginia, Charlottesville, VA
- 4:30 Stroke Length of Stay: Life in the FAST Lane** **NS22**
Mary Beth Zimmermann, Baylor Univ Medical Ctr, Dallas, TX; Diane Trower, Baylor University Medical Ctr, Dallas, TX; Karen Zwerneman, Baylor Regional Medical Ctr at Plano, Plano, TX
- 4:45 Discussion**
- 5:00 Adjourn**

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

Start Planning Now for the State-of-the-Science Stroke Nursing Symposium and the International Stroke Conference 2015 in Nashville, Tennessee!

CALL FOR SCIENCE

Thank you for attending the State-of-the-Science Stroke Nursing Symposium 2014. Please don't forget these important dates for the State-of-the-Science Stroke Nursing Symposium 2015:

Submit Session Ideas

Submit your session suggestions for the Stroke Nursing Symposium 2015.

Suggested Session Submitter Opens: Monday, Feb 10, 2014

Suggested Session Submitter Closes: Monday, March 10, 2014

Submit Your Best Science for Consideration for the Nursing Symposium and the International Stroke Conference 2015

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

The International Stroke Conference includes a Nursing abstract category. You may submit nursing abstracts to both the Nursing Symposium and the International Stroke Conference. The same abstract may be submitted for both, but it can only be accepted for and presented at either ISC or the Nursing Symposium.

Submit Abstracts

Submission Opens: Wednesday, May 21, 2014

Submission Closes: Tuesday, Aug 12, 2014

Submit Late-Breaking Science and Ongoing Clinical Trials Abstracts

Submission Opens: Wednesday, Oct 8, 2014

Submission Closes: Wednesday, Nov 5, 2014

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

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Call for Abstracts:
May 21 – Aug 12, 2014

Late-Breaking Science and Ongoing Clinical Trials Abstract Submission:
Oct 8 – Nov 5, 2014

Housing & Registration Opens:

FAHA/VIP:	Members*:	Nonmembers:
Oct 1, 2014	Oct 8, 2014	Oct 15, 2014

*Must be an AHA/ASA Professional Member by Sept 17, 2014 to qualify for the opening of priority registration and housing.

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Jan 21, 2015

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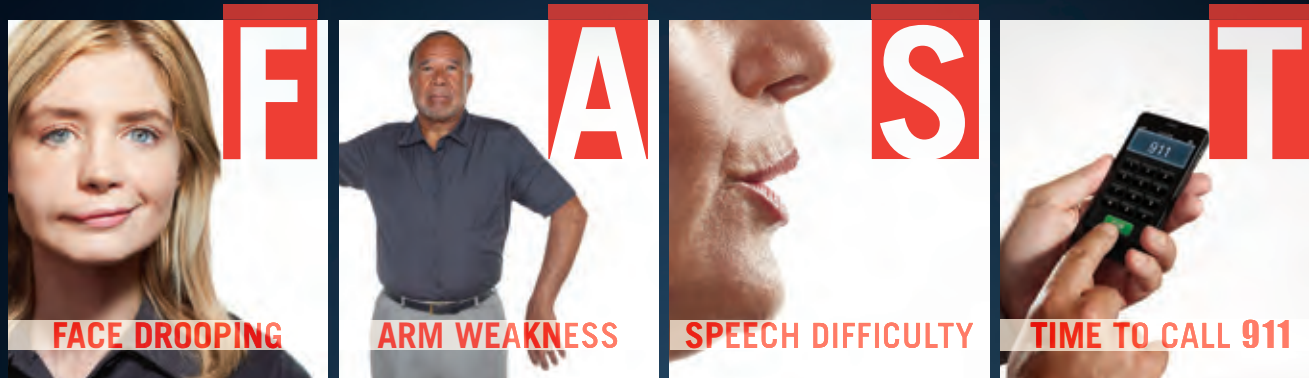
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ISC Pre-Conference Symposium I

Stroke in the Real World: Emergency Stroke Care 2014

Tuesday, Feb 11, 2014
San Diego Convention Center
San Diego, California

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

Program Committee

Ted Wein, MD, FRCPC, FAHA, Chair
Joshua Goldstein, MD, PhD, FAHA
Kama Guluma, MD
Brett M Kissela, MD, MS
Phillip Scott, MD, FAHA
Kyra Becker, MD, FAHA (ISC Program Committee, Vice Chair)
Steven M Greenberg, MD, PhD, FAHA (ISC Program Committee, Chair)

Symposium Description

The Pre-Conference Symposium I of the International Stroke Conference is designed to provide up-to-date information for healthcare professionals caring for patients with stroke. This one-day symposium highlights scientific advances in cerebrovascular disease while emphasizing their application in the real world. This year's symposium will focus on issues pertinent to the acute management of stroke in the ED and will cover a variety of topics of interest to healthcare providers working in the emergency department such as ED physicians, hospitalists, neurologists, nurses/nurse practitioners, physician assistants, stroke fellows, and pharmacists.

The main focus will be on identifying unusual presentations of stroke; reviewing data on the use of intravenous and intra-arterial therapy; field triage of stroke patients and the utilization of primary stroke centers; treating ICH, SAH and ischemic stroke during the golden hour in the ED; and managing complications of novel anticoagulants as well as a series of interactive breakout sessions. Participants will also have the opportunity to have an informal lunch with the faculty where questions or challenging stroke cases may be discussed.

Learning Objectives

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

- Identify unusual presentations of stroke
- Compare intravenous thrombolysis and intrarterial thrombolysis, and deduce which therapy is appropriate for each patient
- Establish when to bypass the closest hospital, and when to transfer from your hospital to a comprehensive stroke center
- Describe medico legal issues in stroke care and available telephone support/telestroke
- Apply LP, CSF sensitivity, specificity of a negative CT, and/or CTA for differential diagnosis
- Discuss ICH, SAH and ischemic stroke in the ED
- Manage NOACS in the ED
- Explain:
 - The 5 minute neurological exam
 - How to dissect dizziness
 - The current standard of care for treating TIA and stroke
 - Imaging and thrombolysis
- Define who is tracking your performance and what they are publishing about it

Continuing Medical Education Accreditation – Physicians

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

For full CME/CE accreditation information on the International Stroke Conference's Pre-Conference Symposium I: Stroke in the Real World: Emergency Stroke Care 2014, please visit strokeconference.org.

Continuing Medical Education Accreditation – Physician Assistants

AAPA accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credit™* from organizations accredited by ACCME or a recognized state medical society.

All persons who develop and/or control educational content in CME/CE activities sponsored by the American Heart Association will disclose to the audience all financial relationships with any commercial supporters of this activity as well as with other commercial interests whose lines of business are related to the CME/CE-certified content of this activity. In addition, presenters will disclose unlabeled/unapproved uses of drugs or devices discussed in their presentations. Such disclosures will be made in writing in course presentation materials.

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

Tuesday, February 11

Stroke in the Real World: Emergency Stroke Care 2014

9:30 am – 5:00 pm

9:30 am – 3:00 pm

Plenary Session – Ballroom 20A

Moderators: Theodore Wein, MD, FRCPC, FAHA, Montreal, QC, Canada
Joshua Goldstein, MD, PhD, FAHA, Boston, MA

- 9:30 Welcome**
Steven M Greenberg, MD, PhD, FAHA, Boston, MA
- 9:35 A Wolf in Sheep's Clothing: Identifying Unusual Presentations of Stroke**
Kama Guluma, MD, San Diego, CA
- 10:00 Q&A**
- 10:08 Open Up Your Mind: Revascularization 2014**
- 10:10 Open Up Your Mind: Intravenous Thrombolysis in 2014**
Phillip Scott, MD, FAHA, Ann Arbor, MI
- 10:25 Open Up Your Mind: Intrarterial Thrombolysis / Interventional Therapy 2014**
Raul Nogueira, MD, Atlanta, GA
- 10:40 Open Up Your Mind: Decision Analysis in Thrombolytic Therapy**
Michael Hill, MD, MSc, FRCPC, Calgary, AB, Canada
- 10:55 Q&A**
- 11:05 Where Do We Go from Here? Triage in the Field**
Prasanthi Govindarajan, MD, MAS, San Francisco, CA
- 11:20 Q&A**
- 11:25 The New Batmobile: Putting the ED into the Ambulance**
Martin Ebinger, MD, Berlin, Germany
- 11:35 Q&A**
- 11:40 Sue-sue-sue Ya! Medico Legal Issues in Stroke Care**
Dale Hebert, JD, Ann Arbor, MI
- 11:55 Q&A**
- 12:00 Stand By Me: Who's Backing You Up?**
Natalia S Rost, MD, MA, Boston, MA
- 12:12 Q&A**

12:20 pm – 1:15 pm

Lunch with the Faculty: Ask Your Questions Ballroom 20D

All Faculty (A boxed lunch will be provided.)

1:15 pm – 3:00 pm

Moderators: Brett M Kissela, MD, MS, Cincinnati, OH
Kama Guluma, MD, San Diego, CA

- 1:15 Not Tonight; I Have a Headache**
Peter Panagos, MD, St Louis, MO
- 1:30 Q&A**
- 1:37 The Golden Hour: ICH in the ED**
Opeolu Adeoye, MD, Cincinnati, OH
- 1:47 The Golden Hour: SAH in the ED**
J Claude Hemphill III, MD, MS, FAAN, San Francisco, CA
- 1:57 The Golden Hour: Ischemic Stroke in the ED**
Laura Heitsch, MD, St Louis, MO

2:10 Q&A

2:20 **NOACS in the ER: What You Really Need to Know**
Hans-Christoph Diener, MD, PhD, FAHA, FAAN, Essen, Germany

2:45 Q&A

3:00 pm – 3:45 pm

Concurrent Sessions

Concurrent IA – Room 32
The 5 Minute Neurological Exam
Theodore Wein, MD, FRCPC, FAHA, Montreal, QC, Canada

Concurrent IB – Room 33
Dissecting Dizziness
David Newman-Toker, MD, PhD, Baltimore, MD

Concurrent IC – Ballroom 20A
Are You Up to Snuff? Current Standard of Care for Treating TIA and Stroke
Mary Kalafut, MD, FAHA, La Jolla, CA

Concurrent ID – Room 25
Imaging and Thrombolysis Workshop
Andrew Demchuk, MD, Calgary, AB, Canada

3:50 pm – 4:30 pm

Concurrent Sessions

Concurrent IIA – Room 32
The 5 Minute Neurological Exam
Theodore Wein, MD, FRCPC, FAHA, Montreal, QC, Canada

Concurrent IIB – Room 33
Dissecting Dizziness
David Newman-Toker, MD, PhD, Baltimore, MD

Concurrent IIC – Ballroom 20A
Are You Up to Snuff? Current Standard of Care for Treating TIA and Stroke
Mary Kalafut, MD, FAHA, La Jolla, CA

Concurrent IID – Room 25
Imaging and Thrombolysis Workshop
Andrew Demchuk, MD, Calgary, AB, Canada

4:35 pm – 5:00 pm

Closing Plenary Session – Ballroom 20A

Moderators: Brett M Kissela, MD, MS, Cincinnati, OH
Kama Guluma, MD, San Diego, CA

4:35 **Big Brother Is Watching**
Joshua Goldstein, MD, PhD, FAHA, Boston, MA

4:50 Q&A

4:55 **Closing Remarks**
Kyra Becker, MD, FAHA, Seattle, WA

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

ISC Pre-Conference Symposium II

Animal Models 2.0: Co-morbid Conditions, Optogenetics and Other New Directions
(Students / Trainees / Early Career)
Tuesday, Feb 11, 2014
San Diego Convention Center
San Diego, California

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

Program Committee

S Thomas Carmichael, MD, PhD, Chair
Kyra Becker, MD, FAHA (ISC Program Committee, Vice Chair)
Steven M Greenberg, MD, PhD, FAHA (ISC Program Committee, Chair)

Symposium Description

The pre-clinical modeling of stroke occupies a key phase in the translational science of stroke therapeutics. Pre-clinical modeling of stroke serves as the primary avenue for discovery of new biological processes in cell death and neural repair. Pre-clinical modeling also serves in the intermediate stages of drug development. As the clinical science of stroke evolves, so, too, does the pre-clinical science in animal modeling of

stroke. Pre-clinical models of stroke have evolved to include the effects of age, female sex, and co-morbid conditions such as diabetes. Outcome measures in pre-clinical models have grown more sophisticated than the simple observation of posture and gross movement patterns to include measures of skilled motor function and effects of repetitive motor use as might occur in neurorehabilitation. Finally, a key step in the translation of therapeutics toward human use has traditionally been the large animal model. Despite any individual or small-scale research reports, an alidated large animal model of stroke and stroke recovery has only recently been developed.

This pre-conference course on new developments in animal modeling of stroke will provide a direct and interactive symposia with highly published investigators in the field that have developed new stroke models with these next generation of advancements.

Learning Objectives

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

- Cite the goals in using pre-clinical models of stroke
- Identify the current animal models of stroke and their limitations
- Explain the inclusion of age, female sex, and diabetes in stroke animal modeling
- Discuss new motor and somatosensory outcome measures in rodent models of stroke
- Describe the role and application of large animal models of stroke

Continuing Medical Education Accreditation – Physicians

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

For full CME/CE accreditation information on the International Stroke Conference's Pre-Conference Symposium II: Animal Models 2.0: Co-morbid Conditions, Optogenetics and Other New Directions, please visit strokeconference.org

Continuing Medical Education Accreditation – Physician Assistants

AAPA accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credit™* from organizations accredited by ACCME or a recognized state medical society.

All persons who develop and/or control educational content in CME/CE activities sponsored by the American Heart Association will disclose to the audience all financial relationships with any commercial supporters of this activity as well as with other commercial interests whose lines of business are related to the CME/CE-certified content of this activity. In addition, presenters will disclose unlabeled/unapproved uses of drugs or devices discussed in their presentations. Such disclosures will be made in writing in course presentation materials.

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

Tuesday, February 11

Animal Models 2.0: Co-morbid Conditions, Optogenetics and Other New Directions

1:00 pm – 4:00 pm

Ballroom 20BC

Moderator: S Thomas Carmichael, MD, PhD, Los Angeles, CA

- 1:00 **Overview and Introduction**
S Thomas Carmichael, MD, PhD, Los Angeles, CA
- 1:05 **Female Sex and Age in Animal Models of Stroke**
Louise D McCullough, MD, PhD, Farmington, CT
- 1:40 **New and More Sophisticated Pre-clinical Stroke Outcome Measures**
Theresa A Jones, PhD, Austin, TX
- 2:15 **Imaging the Impact of Diabetes on Stroke Damage and Recovery**
Craig E Brown, MD, Victoria, BC, Canada
- 2:50 **Primate Models of Stroke Neuroprotection and Neural Repair**
DJ Cook, MD, Kingston, ON, Canada
- 3:25 **Discussion**

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

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Wednesday, February 12 (7:00 am – 8:30 am)

Category	Acute Endovascular Treatment	Cerebral Large Artery Disease
Session Title	Ultrafast Door to Recanalization Time Using Endovascular Therapy: How Do We Change Practice?	Non-atherosclerotic Vasculopathies
Session Type	Invited Symposium	Invited Symposium
Room	Ballroom 20BC	28A-D
Moderator(s)	Sandra Narayanan, MD, Detroit, MI Helmi Lutsep, MD, FAHA, Portland, OR	Wouter Schievink, MD, Los Angeles, CA Hugh Markus, MD, FRCP, Cambridge, United Kingdom
7:00	Impact of Reducing Door to Balloon Times on Clinical Outcomes in STEMI William A Gray, MD, New York, NY	Introduction Wouter Schievink, MD, Los Angeles, CA
7:19	Door In, Door Out Times in Transferred Endovascular Patients Rishi Gupta, MD, Atlanta, GA	(7:05) Cervical Artery Dissection Neil Schwartz, MD, PhD, Palo Alto, CA
7:38	The Impact of Multimodal Imaging on Times to Reperfusion: Is It Worth It? Muhammad Shazam Hussain, MD, FRCP, Cleveland, OH	(7:23) Moyamoya Disease Gary K Steinberg, MD, PhD, FAHA, Stanford, CA
7:57	Ultrafast Door to Groin Puncture Times in Clinical Trials: Lessons from ESCAPE and SWIFT-PRIME Mayank Goyal, MBBS, MD, FRCP, Calgary, AB, Canada	(7:41) Reversible Vasoconstriction Syndromes and CNS Vasculitis Aneesh B Singhal, MD, Boston, MA
8:15	Discussion	Discussion

Category	Acute Neuroimaging	Basic and Preclinical Neuroscience of Stroke Recovery
Session Title	Acute Neuroimaging Oral Abstracts I	Basic and Preclinical Neuroscience of Stroke Recovery Oral Abstracts I
Session Type	Abstract	Abstract
Room	Ballroom 20A	31
Moderator(s)	Peter D Schellinger, MD, PhD, FESO, FAHA, Minden, Germany Carlos A Molina, MD, Barcelona, Spain	S Thomas Carmichael, MD, PhD, Los Angeles, CA Jill Roberts, PhD, Lexington, KY
7:00	Antegrade Flow Across An Intracranial Occlusion Can Be Reliably Assessed On Ct Perfusion Source Images And It Predicts Recanalization With Intravenous Tpa 1 Sachin Mishra, Foothills Medical Ctr, Calgary, AB, Canada Andrew Demchuk, Foothills Medical Ctr, Calgary, AB, Canada	APE1 Upregulation Reduces Oxidative DNA Damage And Protects Hippocampal Neurons From Ischemic Injury 8 Peiyong Li, Univ of Pittsburgh, Pittsburgh, PA Jun Chen, Univ of Pittsburgh, Pittsburgh, PA
7:12	Extensive Collateral Recruitment after Intravenous Thrombolysis in Acute Ischemic Stroke is Associated with Symptomatic Intracranial Haemorrhage 2 Leonard Yeo, NUHS, Singapore, Singapore Vijay Sharma, NUHS, Singapore, Singapore	Triggering Receptor Expressed on Myeloid Cells 2 (TREM2) deficiency Attenuates Phagocytic Activities of Microglia and Exacerbates Ischemic Damage in Experimental Stroke 9 Masahito Kawabori, Univ of California, San Francisco, San Francisco, CA Midori Yenari, Univ of California, San Francisco, San Francisco, CA
7:24	Collaterals, not Clots! CT Angiography Predictors of Recanalization, Reperfusion and Clinical Outcomes After Thrombectomy in Pooled Analyses of TREVO EU and TREVO2 3 David S Liebeskind, UCLA, Los Angeles, CA Raul G Nogueira, Emory Univ Sch of Med, Atlanta, GA	Human Placenta-Derived Adherent Cell Treatment of Stroke Induces Angiogenesis, Increases Synaptic Plasticity and Improves Functional Outcome in Older-Adult Rats 10 Amjad Shehadah, Henry Ford Hosp, Detroit, MI Jieli Chen, Henry Ford Hosp, Detroit, MI
7:36	Excellent Collaterals in STAR: Minimal Infarct Core Trumps the Degree of Hypoperfusion 4 David S Liebeskind, UCLA, Los Angeles, CA Raul G Nogueira, Emory Univ Sch of Med, Atlanta, GA	Ultrasonic Vocalizations as a Tool to Model Aphasia in Murine Experimental Stroke 11 Cassandra J Trammel, Univ of Connecticut, Farmington, CT Louise D McCullough, Univ of Connecticut, Farmington, CT
7:48	Dynamic Perfusion Assessment of Collateral Blood Flow in MCA Occlusion as Indicator of Tissue Fate 5 Kersten Villringer, Academic Neuroradiology, Berlin, Germany Jochen B Fiebach, Academic Neuroradiology, Berlin, Germany	S-Nitrosylation Invokes Functional Recovery from Experimental Stroke through the Hypoxia-inducible Factor-1 alpha/Vascular Endothelial Growth Factor Pathway 12 Mushfiquddin Khan, Medical Univ of South Carolina, Charleston, SC Avtar K Singh, Medical Univ of South Carolina, Charleston, SC
8:00	Response To Thrombolysis Treatment In Ischemic Stroke Patients With And Without Arterial Occlusion On Computed Tomographic Angiography: The Third International Stroke Trial 6 Joanna M Wardlaw, Univ of Edinburgh, Edinburgh, United Kingdom Peter A Sandercock, Univ of Edinburgh, Edinburgh, United Kingdom	Novel Humanized Recombinant T Cell Receptor Ligand Protects Brain In Females After Experimental Stroke 13 Jie Pan, Univ of Texas at Austin, Austin, TX Patricia Hurn, Univ of Texas at Austin, Austin, TX
8:12	Differential Effect Of Baseline Cta Collateral Status On Clinical Outcomes In Patients Enrolled In The Ims-3 Trial 7 Bijoy K Menon, Univ of Calgary, Calgary, AB, Canada Andrew M Demchuk, Univ of Calgary, Calgary, AB, Canada	Synaptic Remodeling after Stroke Enhanced by Transplanted Human Neural Stem Cells is Coincident with Functional Recovery 14 Takeshi Hiu, Nagasaki Univ, Nagasaki City, Japan Gary Steinberg, Stanford Univ, Stanford, CA
8:24	Discussion	Discussion

Short Break (8:30 am – 8:40 am)

Wednesday, February 12 (7:00 am – 8:30 am)

Category	Community/Risk Factors	Vascular Biology in Health and Disease
Session Title	What Is the Ideal Diet for Stroke Prevention?	Obstructive Sleep Apnea, Cerebrovascular Dysfunction, and Vascular Cognitive Impairment
Session Type	Invited Symposium	Invited Symposium
Room	33	Ballroom 20D
Moderator(s)	Tanya Turan, MD, FAHA, Charleston, SC Graeme J Hankey, MBBS, MD, FRCP, FRCP, FRACP, Perth, Australia	Oleg Chernyshev, MD, PhD, Houston, TX Robert M Bryan, PhD, Houston, TX
7:00	Diet and Risk of Stroke: Potential Pathophysiologic Mechanisms at Play Amytis Tonfighi, MD, Los Angeles, CA	Neurovascular Dysfunction in Chronic Intermittent Hypoxia Costantino Iadecola, MD, FAHA, New York, NY
7:19	Qualitative and Quantitative Contributions of Various Dietary Patterns to Incident Stroke Bernadette Boden-Albala, MPH, DrPH, New York, NY	Increased Cerebrovascular Sensitivity to ET-1 in a Rat Model of Obstructive Sleep Apnea David J Durgan, PhD, Houston, TX
7:38	Dietary Interventions Shown to Lower Stroke Risk Cheryl Anderson, PhD, MPH, MS, San Diego, CA	Neurobiology and Neuropathophysiology of Obstructive Sleep Apnea S Veasey, MD, Philadelphia, PA
7:57	The Mediterranean Diet: Q.E.D for Stroke Prevention?	Clinical Aspects of Obstructive Sleep Apnea and Vascular Cognitive Impairment Antonio Culebras, MD, Syracuse, NY
8:15	Discussion	Discussion

Category	Outcomes, Quality and Health Services Research	
Session Title	Outcomes, Quality and Health Services Research Oral Abstracts I	
Session Type	Abstract	
Room	30A-D	
Moderator(s)	Kamakshi Lakshminarayan, MD, PhD, Minneapolis, MN Peter A Sandercock, MD, FRCP, Edinburgh, United Kingdom	
7:00	Differential Impact Of Comprehensive Stroke Care Capacity On In-hospital Mortality After Stroke-j-aspect Study 15 Koji Iihara, National Cerebral and Cardiovascular Ctr, Suita, Japan Kenichi Morita, National Cerebral and Cardiovascular Ctr, Suita, Japan	
7:12	Regional Variation in the Physician Case Volume for Carotid Artery Stenting (CAS) vs Carotid Endarterectomy (CEA) 16 Hiraku Kumamaru, Harvard Sch of Public Health, Boston, MA Soko Setoguchi, Duke Clinical Res Inst, Durham, NC	
7:24	Ischemic Stroke Profile, Risk factors and Outcomes in India: the Indo-US Stroke Project 17 PN Sylaja, Sree Chitra Tirunal Institute for Medical Sciences and Technology, Thiruvananthapuram, India Aneesh Singhal, Massachusetts General Hosp, Boston, MA	
7:36	Does Quality Improvement Training Add to Audit and Feedback for Inpatient Stroke Care Processes? 18 Linda S Williams, Roudebush VA Medical Ctr, Indianapolis, IN Teresa Damush, Roudebush VA Medical Ctr, Indianapolis, IN	
7:48	Hospital Level Variation in Do-not-resuscitate Orders for Ischemic Stroke Patients: Implications for National Hospital Comparisons 19 Adam G Kelly, Univ of Rochester, Rochester, NY James F Burke, Univ of Michigan, Ann Arbor, MI	
8:00	Relationship Between Physician Annual Volume And Stroke Mortality - Results From The Ontario Stroke Registry 20 Jiming Fang, ICES, Toronto, ON, Canada Maira Kapral, Univ of Toronto, Toronto, ON, Canada	
8:12	Are Stroke Outcomes Influenced By New Starting Residents? The July Effect: Myth Or Reality? 21 Tai Hwan Park, Seoul Medical Ctr, Seoul, Korea, Republic of Gustavo Saposnik, St Michael's Hosp, Univ of Toronto, Toronto, ON, Canada	
8:24	Discussion	
Short Break (8:30 am – 8:40 am)		

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

Wednesday, February 12 (8:40 am – 10:10 am)

Category	Diagnosis of Stroke Etiology	Intracerebral Hemorrhage
Session Title	Diagnosis of Stroke Etiology Oral Abstracts	Intracerebral Hemorrhage Oral Abstracts I
Session Type	Abstract	Abstract
Room	Ballroom 20A	30A-D
Moderator(s)	Karen L Furie, MD, MPH, FAHA, Boston, MA	Christopher D Anderson, MD, Boston, MA Stephan A Mayer, MD, FAHA, New York, NY
8:40	New Silent Brain Infarcts after Coronary Artery Bypass Graft Surgery: Lesion Patterns, Mechanism, and Predictors 22 Hyun-Wook Nah, Dong-A Univ, Busan, Korea, Republic of Dong-Wha Kang, Asan Medical Ctr, Seoul, Korea, Republic of	The Surgical Trial in Lobar Intracerebral Haemorrhage - Analysis of Crossover Patients 29 Barbara A Gregson, Newcastle Univ, Newcastle Upon Tyne, United Kingdom A David Mendelow, Newcastle Univ, Newcastle Upon Tyne, United Kingdom
8:52	Neuroimaging and Echocardiographic Predictors of Paroxysmal Atrial Fibrillation on Outpatient Mobile Cardiac Outpatient Telemetry in Cryptogenic Ischemic Stroke and TIA Patients 23 Omar Kass-Hout, Emory Sch of Med, Atlanta, GA Fadi Nahab, Emory Sch of Med, Atlanta, GA	Association Of Fluid Levels, Density Heterogeneity And Irregular Margins On Baseline Non-contrast Computerized Tomography With Significant Hematoma Expansion in Intracerebral Hemorrhage 30 Dylan Blacquiere, Univ of Ottawa, Ottawa, ON, Canada Dar Dowlatshahi, Univ of Ottawa, Ottawa, ON, Canada
9:04	Predictors of Occult Atrial Fibrillation in Cryptogenic Stroke 24 Scott E Kasner, Univ of Pennsylvania, Philadelphia, PA	Ultraearly Hematoma Growth: Multicenter External Validation Of The Adjustment Of Intracerebral Hemorrhage Volume By Onset-to-imaging Time 31 David Rodriguez-Luna, Stroke Unit, Vall d'Hebron Univ Hosp, Barcelona, Spain Carlos A Molina, Stroke Unit, Vall d'Hebron Univ Hosp, Barcelona, Spain
9:16	Paroxysmal Atrial Fibrillation is Common in Patients With Defined Etiology for Stroke: Prolonged Monitoring of Cardiac Rhythm for Detection of Atrial Fibrillation After a Cerebral Ischemic Event (PEACE) Study 25 Esseddeeg M Ghrooda, Univ of Alberta, Edmonton, AB, Canada Ashfaq Shuaib, Univ of Alberta, Edmonton, AB, Canada	Optimal Threshold for Defining Early Clinical Deterioration as a Predictor of Poor Outcome in Acute Intracerebral Hemorrhage 32 Nerses Sanossian, Univ of Southern California, Los Angeles, CA Jeffrey L Saver, UCLA Stroke Ctr, Los Angeles, CA
9:28	Agreement Between TOAST And CCS Classification In SiGN 26 Patrick F McArdle, Univ of Maryland, Baltimore, MD Brad B Worrall, Univ of Virginia, Charlottesville, VA	Cerebral Blood Flow in Leukoaraiosis Regions is Unaffected by Acute Lowering of Blood Pressure in Intracerebral Hemorrhage Patients 33 Mahesh Kate, University of Alberta, Edmonton, AB, Canada Kenneth Butcher, University of Alberta, Edmonton, AB, Canada
9:40	Sleep Apnea and Ischemic Stroke Subtype: the BASIC Sleep Project 27 Devin L Brown, Univ of Michigan, Ann Arbor, MI Lynda D Lisabeth, Univ of Michigan, Ann Arbor, MI	Hypercoagulable Response After Intracerebral Hemorrhage Does Not Occur In Patients With Hematoma Enlargement 34 Jorge Kawano-Castillo, Univ of Texas at Houston, Houston, TX James Grotta, Univ of Texas at Houston, Houston, TX
9:52	“Defining The Undefined”- Rapidly Improving Stroke Symptoms: A Systematic Review of the Literature 28 Pirouz Piran, SUNY Downstate Medical Ctr, Brooklyn, NY Steven R Levine, SUNY Downstate Medical Ctr, Brooklyn, NY	Stabilizing Bleeding Prior To Acute Therapies for Spontaneous Intracerebral Hemorrhage 35 Wendy Ziai, Johns Hopkins Univ School of Medicine, Baltimore, MD Daniel F Hanley, Johns Hopkins Univ School of Medicine, Baltimore, MD
10:04	Discussion	Discussion

Category	Aneurysm	Emergency Care/Systems
Session Title	Flow Diversion for Unruptured Aneurysms	Treating Stroke in the Field: Lessons from the First Generation of Prehospital Stroke Trials
Session Type	Invited Symposium	Invited Symposium
Room	33	Ballroom 20BC
Moderator(s)	Michael Kelly, MD, PhD, FRCSC, Saskatoon, SK, Canada J Mocco, MD, MS, Nashville, TN	Natalia S Rost, MD, MA, Boston, MA Robert Silbergleit, MD, FAHA, Ann Arbor, MI
8:40	The History of Flow Diversion Peter K Nelson, MD, New York, NY	Informed Consent in the Field: How Do You Enroll in the Ambulance? Nerses Sanossian, MD, Los Angeles
8:59	Biophysical Properties and Clinical Correlates of Flow-diverting Stents David F Kallmes, MD, Rochester, MN	Getting it 'RIGHT': Blood Pressure Moderation in the Field Philip M Bath, BSc, MB, BS, MD, FRCPath, FRCP, FESC, Nottingham, United Kingdom
9:18	Indications and Contraindications for Flow Diversion Vitor M Pereira, MD, MSc, Geneva, Switzerland	Telestroke in the Field: From Hub-and-Spoke to Hub-and-Truck? Thomas Liman, MD, MSc, Berlin, Germany
9:37	Complications of Flow Diversion Adnan Siddiqui, MD, PhD, Buffalo, NY	Bringing the Hospital to the Patient: TPA Treatment on Scene with a Mobile CT Scanner Heinrich Audebert, MD, Berlin, Germany
9:55	Discussion	Discussion

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

Wednesday, February 12 (8:40 am – 10:10 am)

Category	Pediatric Stroke	Vascular Biology in Health and Disease
Session Title	Pediatric Stroke Oral Abstracts	Vascular Biology in Health and Disease Oral Abstracts
Session Type	Abstract	Abstract
Room	28A-D	Ballroom 20D
Moderator(s)	Steven Pavlakis, MD, Brooklyn, NY Nicholas V Stence, MD, Aurora, CO	MingMing Ning, MD, Boston, MA Adviye Ergul, MD, PhD, FAHA, Augusta, GA
8:40	Parvovirus B19 DNA Prevalence Is Increased In Pediatric Stroke Patients Compared To Controls: Pilot Findings From The Vascular Effects Of Infection In Pediatric Stroke (VIPS) Study 36 Jorge M Luna, Columbia Univ, New York, NY Mitchell S Elkind, Columbia Univ, New York, NY	Increased Activation of Inflammatory Genes in Monocytes of Healthy People with Ischemic White Matter Disease 43 Paul A Nyquist, Johns Hopkins, Baltimore, MD Diane M Becker, Johns Hopkins, Baltimore, MD
8:52	Pediatric Brain Attacks: Differentiating Between Stroke and Mimics in the Emergency Room 37 Mark T Mackay, The Royal Children's Hosp, Melbourne, Australia Franz Babi, The Royal Children's Hosp, Melbourne, Australia	Global Hypomethylation And Promoter Hypomethylation Of Fit1 Concurrently Occurred In Atherosclerotic Tissues 44 Jei Kim, Chungnam Natl Univ Hosp, Daejeon, Korea, Republic of
9:04	Herpes Viruses in Childhood Arterial Ischemic Stroke: Interim Results of the VIPS Study 38 Heather J Fullerton, Univ of California, San Francisco, CA Gabrielle A DeVeber, Hosp for Sick Children, Toronto, ON, Canada	Carotid Intima-Media Thickness is Associated with White Matter Hyperintensity Volume: The Northern Manhattan Study 45 Matthew S Markert, The Univ of Kansas, Kansas City, KS Tatjana Rundek, The Univ of Miami, Miami, FL
9:16	Infection, Vaccination, and Childhood Stroke: Preliminary Results of the Vascular Effects of Infection in Pediatric Stroke (VIPS) Study 39 Nancy K Hills, Univ of California, San Francisco, CA Heather J Fullerton, Univ of California, San Francisco, CA	Leukoaraiosis Evolves Through Discrete Acute Ischemic Injuries: Weekly Diffusion Tensor Imaging and T2 Relaxometry at 16 Time Points 46 John Conklin, Univ of Toronto, Toronto, ON, Canada Daniel M Mandell, Univ of Toronto, Toronto, ON, Canada
9:28	The Impact of an Institutional Acute Stroke Protocol on Time to Treatment of Childhood Stroke 40 Melissa Shack, The Hosp for Sick Children, Toronto, ON, Canada Gabrielle A deVeber, The Hosp for Sick Children, Toronto, ON, Canada	Proteomic Profiling of Acute Stroke Patients Highlights the Importance of vWF and vWF-cleaving Protease (ADAMTS13) in Thrombolysis 47 MingMing Ning, Mass General Hosp/Harvard Med Sch, Boston, MA Eng H Lo, Mass General Hosp/Harvard Med Sch, Boston, MA
9:40	Care Seeking Behaviours in Childhood Arterial Ischemic Stroke 41 Mark T MacKay, The Royal Children's Hosp, Parkville, Australia Paul T Monagle, The Royal Children's Hosp, Parkville, Australia	Cd73 Regulation of Netrin-1 Expression in Brain Ischemia 48 Danica Petrovic-Djergovic, Univ of Michigan, Ann Arbor, MI David J Pinsky, Univ of Michigan, Ann Arbor, MI
9:52	Chronic Endothelial Activation in Childhood Arterial Ischemic Stroke 42 Timothy J Bernard, Univ of Colorado Denver; Colorado Children's Hosp, Denver, CO Marilyn J Manco-Johnson, Univ of Colorado Denver, Denver, CO	Deletion of Mirna 17-92 in Cerebral Endothelial Cells Induces Disruption of BBB 49 Ruilan Zhang, Henry Ford Hosp, Detroit, MI Zheng Gang Zhang, Henry Ford Hosp, Detroit, MI
10:04	Discussion	Discussion

Category	Experimental Mechanisms and Models	For changes to the program made since the Final Program went to print, please check the online Program/Itinerary Planner located on the ISC Web site at strokeconference.org. The Oral Abstracts list the Presenting Author (first in bold) and the Senior Author (last) of the abstract. For the complete Author Block of an abstract (including the Conflict of Interest information), please check the online Program/Itinerary Planner on the ISC Web site at strokeconference.org or the ISC abstracts online in the <i>Stroke</i> journal. The number listed immediately after the abstract's title is the abstract's presentation number.
Session Title	Application of Nanotechnology for Stroke	
Session Type	Invited Symposium	
Room	31	
Moderator(s)	Seung-Hoon Lee, MD, PhD, Seoul, Korea, Republic of Denis Buxton, PhD, Bethesda, MD	
8:40	Nanoparticle-mediated siRNA Targeting of Macrophages in Cardiovascular Disease Matthias Nahrendorf, MD, PhD, Boston, MA	
8:59	Nanoparticles and the Brain Endothelium Samir Mitragotri, MS, PhD, Santa Barbara, CA	
9:18	Ceria Nanoparticles Begin: New Therapeutic Nanomaterials Against Ischemic Stroke Chi Kim, MD, Seoul, Korea, Republic of	
9:37	Targeted Colloidal Nanoparticles for Imaging and Treating Cardiovascular Disease Samuel A Wickline, MD, PhD, St Louis, MO	
9:55	Discussion	
Short Break/Science and Technology Hall (Hall F) (10:10 am – 10:30 am)		

Wednesday, February 12 (10:30 am – 12 Noon)	
	Plenary Session
Session Title	Plenary Session I
Session Type	Plenary
Room	Hall E
Moderator(s)	Steven M Greenberg, MD, PhD, FAHA, Boston, MA Kyra Becker, MD, FAHA, Seattle, WA
10:30	AHA Presidential Address Mariell Jessup, MD, FAHA, Philadelphia, PA
10:45	ISC Program Chair Welcome Steven M Greenberg, MD, PhD, FAHA, Boston, MA
10:52	NIH Stroke Trial Network Joseph Broderick, MD, FAHA, Cincinnati, OH
10:57	Introduction of the Robert G Siekert New Investigator Award in Stroke Kyra Becker, MD, FAHA, Seattle, WA
10:59	Robert G Siekert New Investigator Award in Stroke: Subjective Judgments of Physicians and Nurses Are More Accurate Than Formal Clinical Scales in Predicting Functional Outcome After Intracerebral Hemorrhage 211 David Y Hwang, Yale Univ Sch of Med, New Haven, CT Kevin N Sheth, Yale Univ Sch of Med, New Haven, CT
11:11	The Uricic Study: A Randomized Trial of Efficacy and Safety of Uric Acid Administration in Acute Stroke LB1 Angel Chamorro, Hosp Clinic Barcelona, Barcelona, Spain Anna M Planas, Ctr Superior Investigaciones Cientificas, Barcelona, Spain
11:23	Impact of Treatment Delay, Age and Stroke Severity on the Effects of Intravenous Thrombolysis With Alteplase in Acute Ischemic Stroke: An Individual-patient-data Meta-analysis LB2 Jonathan R Emberson, Univ of Oxford, Oxford, United Kingdom Werner Hacke, Univ of Heidelberg, Heidelberg, Germany;
11:35	Introduction of the David G Sherman Lecture Steven M Greenberg, MD, PhD, FAHA, Boston, MA
11:40	David G Sherman Lecture: Considering the Future of Academic Vascular Neurology Marc Fisher, MD, FAHA, Worcester, MA
Short Break (12 Noon – 12:10 PM)	

Wednesday, February 12 (12:10 pm – 1:30 pm)			
Session Title	Fellow and Early Career Luncheon: Developing Successful Career Paths in Stroke	Nursing and Rehabilitation Professionals Luncheon	Science and Technology Hall (Exhibits) Lunch Break Hall F
Room	25 (Ticket required; seating is limited.)	29 (Ticket required; seating is limited.)	
Moderator(s)	Pooja Khatri, MD, FAHA, Cincinnati, OH	Kelly Anderson, BSN, Murray, UT Lorie Richards, PhD, OTR/L, Salt Lake City, UT	
12:10	Introduction Pooja Khatri, MD, FAHA, Cincinnati, OH		
12:15	The Path to a Successful Stroke Clinical Trialist Marc I Chimowitz, MD, FAHA, Charleston, SC	The Impact of Current and Future Healthcare Trends, Relative to Stroke Care John D Ward, Allentown, PA	
12:30	The Path to a Successful Stroke Basic Scientist Michael Tymianski, MD, PhD, FRCSC, Toronto, ON, Canada		
12:45	The Path to a Successful Stroke Director Marilyn M Rymer, MD, FAHA, Kansas City, KS	Collaboration between Nurses, Patients, Families, Physical Therapists, and Occupational Therapists Daiwai Olson, PhD, RN, CCRN, Dallas, TX	
1:00	Discussion	(1:15) Discussion	

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Wednesday, February 12 (1:30 pm – 3:00 pm)

Category	Basic and Preclinical Neuroscience of Stroke Recovery	Clinical Rehabilitation and Recovery
Session Title	Non-neuronal Targets for Stroke Therapy	Exercise after Stroke: Evidence and Application
Session Type	Invited Symposium	Invited Symposium
Room	30A-D	33
Moderator(s)	Shameena Bake, PhD, Bryan, TX Jerome Badaut, PhD, Loma Linda, CA	Steven C Cramer, MD, Orange, CA Julie Bernhardt, PhD, BSC, Melbourne, Australia
1:30	Role of the Endothelial Cell alpha5beta1 Integrin and the Blood–Brain Barrier Following Stroke Gregory Bix, MD, PhD, Lexington, KY	Understanding Exercise Physiology in Medicine and Stroke Rehabilitation Sandra Billinger, PT, PhD, FAHA, Kansas City, KS
1:49	(1:45) Stroke Severity in Aging Is Associated with Reduced Functional Capacity of Astrocytes Farida Sohrabji, PhD, College Station, TX	
2:08	(2:00) Microglial Cells Protect Neurovascular Integrity in Post-ischemic Neonatal Brain Zinaida Vexler, PhD, San Francisco, CA	The Impact of Stroke and Physical Inactivity on Metabolic Health and Skeletal Muscle: Evidence for Exercise Alice Ryan, PhD, Baltimore, MD
2:15	Regulatory B Cells in Experimental Stroke Halina Offner, MD, Portland, OR	
2:30	Neural Progenitor Biology and White Matter Repair after Subcortical Stroke S Thomas Carmichael, MD, PhD, Los Angeles, CA	(2:27) Post-stroke Exercise: Translating Evidence to Practice Gillian E Mead, MD, Edinburgh, United Kingdom
2:45	Discussion	Discussion

Category	Community/Risk Factors	In-hospital Treatment
Session Title	Community/Risk Factors Oral Abstracts I	In-hospital Treatment Oral Abstracts
Session Type	Abstract	Abstract
Room	Ballroom 20BC	Ballroom 20A
Moderator(s)	Maria Aguilar, MD, Phoenix, AZ Kazunori Toyoda, MD, Suita, Japan	Steven R Levine, MD, Brooklyn, NY Martin Ebinger, MD, Berlin, Germany
1:30	Oral Contraceptive Use and Incident Stroke in Women with Sickle Cell Disease 50 Adnan I Qureshi , Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN M Fareed K Suri, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN	Safety Of Early And Urgent Carotid Endarterectomy (CEA) In Symptomatic Carotid Artery Stenosis (sCAS): An International, Multicenter Study 57 Georgios Tsivgoulis , Sch of Med, Univ of Athens, Athens, Greece Spyros N Vasdekis, Sch of Med, Univ of Athens, Athens, Greece
1:42	Effects of Vascular Risk Factors on Microstructural White Matter: A Voxel-Based Longitudinal Diffusion Tensor Imaging Study 51 Pauline Maillard , Univ of California Davis, Davis, CA Charles DeCarli, Univ of California Davis, Davis, CA	Rates of In-Hospital Adverse Events and Discharge Outcomes Among Ischemic Stroke Patients Admitted to Joint Commission Primary Stroke Centers in United States 58 Saqib A Chaudhry , Michigan State Univ, East Lansing, MI Adnan I Qureshi, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN
1:54	Brainstem Infarction is Associated with Sleep Apnea: the BASIC Sleep Project 52 Devin L Brown , Univ of Michigan, Ann Arbor, MI Lynda D Lisabeth, Univ of Michigan, Ann Arbor, MI	Patients With Ischemic Stroke Have More Than Three-Fold Higher Rates of In-Hospital Mortality If Their Troponin is Elevated 59 Krishi V Peddada , Saint Louis Univ Sch of Med, St Louis, MO Joshua M Stolker, Saint Louis Univ, St Louis, MO
2:06	Recurrent Stroke in the Warfarin versus Aspirin in Reduced Ejection Fraction (WARCEF) Trial 53 Patrick Pullicino , SGUL, Canterbury, United Kingdom Shunichi Homma, Columbia Univ Medical Ctr, New York, NY	Inpatient Statin Use in Intracerebral Hemorrhage is Strongly Associated With Improved Survival 60 Alexander Flint , Kaiser Permanente, Redwood City, CA S Claiborne Johnston, UCSF, San Francisco, CA
2:18	Procalcitonin, Copeptin And Midregional Pro-atrial Natriuretic Peptide As Markers Of Ischemic Stroke Risk: The Northern Manhattan Study 54 Mira Katan , Univ Hosp of Zurich (and Columbia Univ), Zurich (and New York), Switzerland Mitchell S Elkind, Columbia Univ, New York, NY	Safety and Feasibility of Acute Dabigatran Therapy in Minor Ischemic Stroke Patients Without Atrial Fibrillation 61 Ken Butcher , The Univ of Alberta, Edmonton, AB, Canada Ashfaq Shuaib, The Univ of Alberta, Edmonton, AB, Canada
2:30	Trans-ethnic Meta-analysis Of Genome-wide Association Studies On Cerebral White Matter Lesions Identifies New Loci 55 Myriam Fornage, Univ of Texas Health Science Ctr at Houston, Houston, TX	Recovery-based Prediction Of Who Is Using A G-tube At 6 Weeks Post-stroke 62 Andria L Ford , Washington Univ Sch of Med, Saint Louis, MO Jeff Edmiston, Barnes-Jewish Hosp, Saint Louis, MO
2:42	Genome-wide Association Studies Of Incident Stroke: The Charge Consortium 56 Stephanie Debette , Boston Univ Sch of Med; Paris 7 Univ, Paris, France Will T Longstreth, Univ of Washington, Seattle, WA	Risk of Malnutrition on Admission Predicts Mortality, Length of Hospital Stay and Hospitalisation Costs at 6 Months Post Stroke 63 Filomena Gomes , King's Coll London, London, United Kingdom Christine Elizabeth Weekes, Guy's & St Thomas' NHS Fdn Trust, London, United Kingdom
2:54	Discussion	Discussion

Science and Technology Hall (Exhibits)/Break, Hall F (3:00 pm – 3:30 pm)

Wednesday, February 12 (1:30 pm – 3:00 pm)

Category	Outcomes, Quality and Health Services Research	Vascular Malformations
Session Title	Telestroke 2.0: Developing Evidence-based Measures of Quality and Outcomes for Remote Stroke Management	Controversies in the Management of Acutely Ruptured Arteriovenous Malformations
Session Type	Invited Symposium	Invited Symposium
Room	Ballroom 20D	31
Moderator(s)	Heinrich J Audebert, MD, Berlin, Germany Jennifer Juhl Majersik, MD, Salt Lake City, UT	Kevin Cockroft, MD, MSc, FACS, Hershey, PA Alexander Khalessi, MD, MS, San Diego, CA
1:30	Transformers: Translating the Science of Quality Measurement and Improvement into the Development of a Telestroke Quality Measures and Reporting Frame Lee H Schwamm, MD, FAHA, Boston, MA	Tribute to William Young Colin Derdeyn, MD, FAHA, St Louis, MO Michael Lawton, MD, San Francisco, CA Randolph S Marshall, MD, New York, NY
1:49	The Lone Ranger: What Does 'Quality' Mean from the Spoke Hospital Perspective? Chris Fanale, MD, Englewood, CO	(1:35) The Timing of Endovascular Management of Ruptured AVMs: What and When to Treat Alejandro Berenstein, MD, New York, NY
2:08	Mortal Kombat: The Need for Development and Implementation of Rigorous Telestroke Credentialing and Training Requirements Jeffrey Switzer, DO, Augusta, GA	(1:53) Early Resection of Ruptured AVMs: Patient Selection and Surgical Techniques Michael Lawton, MD, San Francisco, CA
2:27	Super Mario Bros: Taking Telestroke Minimum Technology Standards and Performance Requirements to the Next Level Bart M Demaerschalk, MD, MSc, FRCPC, Phoenix, AZ	(2:11) Multimodality Treatment of Ruptured AVMs Christopher S Ogilvy, MD, Boston, MA
2:45	Discussion	(2:28) Critical Care Management of Ruptured AVMs: What We Can Do to Improve Outcome Andrew M Naidech, MD, MPH, Chicago, IL
		Discussion

Category	Preventive Strategies	
Session Title	Preventive Strategies Oral Abstracts	
Session Type	Abstract	
Room	28A-D	
Moderator(s)	Peter J Kelly, MD, MS, FRCPI, ABPN (Dip), Dublin, Ireland Karen L Furie, MD, MPH, FAHA, Boston, MA	
1:30	The Use of Oral Anticoagulation After Ischemic Stroke Increases, Users Have Fewer Recurrences, and Are Increasingly Likely to Survive. A Nationwide Study From Finland 64 Atte Meretoja , Helsinki Univ Central Hosp, Helsinki, Finland Markku Kaste, Helsinki Univ Central Hosp, Helsinki, Finland	
1:42	Effect Of Prestroke Statin Use On Stroke Severity And Early Functional Recovery 65 Jay Chol Choi , Jeju Natl Univ, Jeju-si, Korea, Republic of Hee-Joon Bae, Seoul Natl Univ Bundang Hosp, Seoul Natl Univ Coll of Med, Seongnam, Korea, Republic of	
1:54	MRI Predictors of Stroke Recurrence in Patients With Recent Lacunar Stroke: The SPS3 Trial 66 Oscar R Benavente , Univ of British Columbia, Vancouver, BC, Canada Robert G Hart, Univ of McMaster, Hamilton, ON, Canada	
2:06	HsCRP Predicts Recurrent Stroke and Vascular Events among Patients with Lacunar Stroke: The Levels of Inflammatory Markers in the Treatment of Stroke (LIMITS) Study 67 Mitchell S Elkind , Columbia Univ, New York, NY Oscar Benavente, Univ of British Columbia, Vancouver, BC, Canada	
2:18	Safety and Effectiveness of Intensive Blood Pressure Management in the Elderly: Findings from the Secondary Prevention of Small Subcortical Strokes Trial 68 Carole L White , Univ of Texas Health Science Ctr at San Antonio, San Antonio, TX Oscar R Benavente, Univ of British Columbia, Vancouver, BC, Canada	
2:30	The Effect of Patching in Carotid Endarterectomy (CEA) on Reducing The Risk of Restenosis and Stroke in the Carotid Revascularization Endarterectomy Versus Stenting Trial (CREST) 69 Mahmoud Malas , Johns Hopkins Bayview Medical Ctr, Baltimore, MD Thomas G Brott, Mayo Clinic, Jacksonville, FL	
2:42	Risk of Hemorrhage in Veterans Who Switch to Dabigatran for Stroke Prevention in Atrial Fibrillation 70 Mary Vaughan Sarrazin , Univ of Iowa, Iowa City, IA Alexander Mazur, Univ of Iowa, Iowa City, IA	
2:54	Discussion	

For changes to the program made since the Final Program went to print, please check the online Program/Itinerary Planner located on the ISC Web site at strokeconference.org.

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

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

Science and Technology Hall (Exhibits)/Break, Hall F (3:00 pm – 3:30 pm)

Wednesday, February 12 (3:30 pm – 5:00 pm)

Category	Acute Nonendovascular Treatment	SAH and Other Neurocritical Management
Session Title	Recanalisation Therapies for Acute Ischemic Stroke in the Very Elderly	Monitoring Techniques in the Neuroscience ICU
Session Type	Invited Symposium	Invited Symposium
Room	Ballroom 20BC	31
Moderator(s)	Bo Norrving, MD, PhD, FESC, Lund, Sweden Bruce Ovbiagele, MD, MSc, FAHA, Charleston, SC	Joshua Medow, MD, MS, Madison, WI J Claude Hemphill, MD, MS, FAAN, San Francisco, CA
3:30	The Oldest Old: Clinical Characteristics, Impact of Comorbidity, and Frailty on Acute Stroke Outcome Gary Ford, MB, ChB, MA, MRCP, FESC, Newcastle Upon Tyne, United Kingdom	Licor Monitoring Stephan A Mayer, MD, FAHA, New York, NY
3:49	Intravenous Thrombolysis in the Very Elderly Richard Lindley, MD, Sydney, Australia	(3:45) Use of TCD in the Neuro ICU Halinder Mangat, MD, New York, NY
4:08	Stroke Thrombectomy in the very Elderly Albert Yoo, MD, Boston, MA	(4:00) Microdialysis as a Tool in the Neuro ICU Michael F Stiefel, MD, PhD, Valhalla, NY
4:27	Assessing Individual Risk, Uncertainties and Benefits of Acute Therapies in the Oldest Old Gustavo Saposnik, MD, MSc, FAHA, Toronto, ON, Canada	(4:15) Depth Electrodes for EEG Monitoring Jan Claassen, MD, PhD, New York, NY
4:45	Discussion	Discussion

Category	Acute Nonendovascular Treatment	Cerebral Large Artery Disease
Session Title	Acute Nonendovascular Treatment Oral Abstracts	Cerebral Large Artery Disease Oral Abstracts I
Session Type	Abstract	Abstract
Room	Ballroom 20A	30A-D
Moderator(s)	Seemant Chaturvedi, MD, FAHA, FAAN, Detroit, MI Patrik Michel, PD-MER, Lausanne, Switzerland	James C Grutta, MD, FAHA, Houston, TX
3:30	Refining the CT Angiography Collaterals Scoring System to Better Predict Outcome in Acute Ischemic Stroke 71 Amrou Sarraj, UT Houston, Houston, TX Sean I Savitz, UT Houston, Houston, TX	Risk Factors Associated with Failure of Aggressive Medical Therapy in the SAMMPRIS 78 Michael F Waters, Univ of Florida Coll of Med, Gainesville, FL Marc I Chimowitz, Medical Univ of South Carolina, Charleston, SC
3:42	Comparative Effectiveness of Intravenous Thrombolysis in patients with Mild Ischemic Stroke 72 Hee-Joon Bae, Seoul Natl Univ Bundang Hosp, Seongnam, Korea, Republic of	Effect of Carotid Revascularization Endarterectomy Versus Stenting Trial Results on Performance of Carotid Artery Stent Placement and Carotid Endarterectomy in United States 79 Farhan Siddiq, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN Adnan I Qureshi, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN
3:54	Resistance To Iv Thrombolysis And Prognostic Impact Of Metabolic Syndrome In Middle Cerebral Artery Ischemic Stroke 73 Laura Dorado, Hosp Univiri Germans Trias i Pujol, Badalona, Spain Antonio Dávalos, Hosp Univiri Germans Trias i Pujol, Badalona, Spain	Early Intervention With High-Dose Statin Decreased the Plaque in Acute Stroke Patients With Intracranial Atherosclerosis: High-Resolution MR Wall Imaging Study 80 Sookyung Ryoo, Samsung Medical Ctr, Seoul, Korea, Republic of Oh Young Bang, Samsung Medical Ctr, Seoul, Korea, Republic of
4:06	Early Arterial Recanalization After Intra-venous Tissue-Plasminogen-Activator Treatment in the Interventional Management of Stroke-3 Study 74 Ruediger Von Kummer, Univ Hosp, Dresden, Germany Thomas A Tomsick, Univ of Cincinnati Academic Health Ctr, Cincinnati, OH	Recurrent Stroke Risk after Angioplasty and Stenting for Symptomatic Intracranial Stenosis: Data from the SAMMPRIS Trial 81 Colin Derdeyn, Washington Univ Sch of Med, St Louis, MO Marc Chimowitz, Medical Univ of South Carolina, Charleston, SC
4:18	Safety Of Statin Pretreatment In Intravenous Thrombolysis (IVT) For Acute Ischemic Stroke (AIS) 75 Georgios Tsvigoulis, Sch of Med, Univ of Athens, Athens, Greece Robert Mikulik, Intl Clinical Res Ctr, St Anne's Univ, Brno, Czech Republic	Please check the Errata for the abstract that will be presented at this time.
4:30	Genome Wide Association Study of Early Neurological Deterioration After Acute Ischemic Stroke Defines the Interferon-Stimulated Gene IFIT1 as a Neuroprotective Factor 76 Laura Heitsch, Washington Univ, Saint Louis, MO Jin-Moo Lee, Washington Univ, Saint Louis, MO	30-Day Mortality After Carotid Artery Stenting (CAS) in Trial Versus Real-World Settings 83 Jessica J Jalbert, Brigham and Women's Hosp/Harvard Medical Sch, Boston, MA Soko Setoguchi, Duke Clinical Res Inst, Durham, NC
4:42	Comparative Efficacy Of Different Acute Reperfusion Therapies For Acute Ischemic Stroke: A Comprehensive Meta-analysis Of Clinical Trials 77 Georgios Tsvigoulis, Sch of Med, Univ of Athens, Athens, Greece Andrei V Alexandrov, Univ of Alabama at Birmingham, Birmingham, AL	Low Risk of Stroke or Death Among Patients With Recently Symptomatic Carotid Stenosis Awaiting Revascularisation - A Pooled Analysis of Randomised Trials 84 Leo H Bonati, Univ Hosp Basel, Basel, Switzerland Thomas G Brott, Mayo Clinic, Jacksonville, FL
4:54	Discussion	Discussion

Short Break (5:00 pm – 5:15 pm)

Wednesday, February 12 (3:30 pm – 5:00 pm)

Category	Vascular Cognitive Impairment	
Session Title	Vascular Disconnection: Mechanisms of Small Vessel Disease-related Cognitive Impairment	Junior Investigator Session I
Session Type	Invited Symposium	Abstract
Room	28A-D	33
Moderator(s)	Martin Dichgans, MD, Munich, Germany Anand Viswanathan, MD, PhD, Boston, MA	Philip B Gorelick, MD, MPH, FAHA, Grand Rapids, MI S Claiborne Johnston, MD, FAHA, San Francisco, CA
3:30	The Mechanisms Underlying SVD-related Cognitive Impairment in a Pure Vascular Dementia: CADASIL Hugues Chabriot, MD, PhD, Paris, France	Understanding Priorities of Surrogate Decision Makers for Patients with Intracerebral Hemorrhage (ICH) David Hwang, MD, New Haven, CT
3:35		Discussant
3:40		Q&A
3:49	The Cognitive Profile of Patients with Small Vessel Disease Jianping Jia, MD, Beijing, China	(3:48) Stroke and CPAP Outcome Study (SCOUTS) Sandeep Khot, MD, MPH, Seattle, WA
3:53		Discussant
3:58		Q&A
4:08	Connectivity, Memory and the Impact of Vascular Disease: Lessons from Healthy Elderly and MCI Mike O'Sullivan, MRCP, PhD, London, United Kingdom	(4:06) Poststroke Fatigue: Relationship With Mobility, Cardio-Respiratory Fitness, Activities of Daily Living, Community Re-Integration and Quality of Life Olumide Dada, PhD, Ibadan, Nigeria
4:16		(4:11) Discussant
		Q&A
4:27	The Impact of SVD on Cognition in Patients with Alzheimer's Disease Julie Schneider, MD, Chicago, IL	(4:24) Rivaroxaban versus Warfarin in cerebral venous thrombosis. Pilot study Juan Camilo Vargas-Gonzalez, MD, Mexico City, Mexico
4:34		(4:29) Discussant
		Q&A
4:45	Discussion	Cilostazol versus PLaivix and Aspirin in StEnting (Cilostazol PLEASE) trial Ameer E Hassan, MD, Minneapolis, MN
		(4:47) Discussant
4:52		Q&A

Category	Nursing
Session Title	Nursing Oral Abstracts
Session Type	Abstract
Room	Ballroom 20D
Moderator(s)	Debbie R Summers, RN, MSN, FAHA, ARNP, Kansas, MO Barbara Lutz, PhD, RN, CRRN, FAHA, Wilmington, NC
3:30	One Size Does Not Fit Fall: Does a Successful Inpatient Fall Reduction Program Benefit Stroke Patients? 85 Alicia M Richardson , Univ of Rochester, Rochester, Ann M Leonhardt, Univ of Rochester, Rochester, NY
3:42	Methodological Issues in Telephone Interventions for Stroke Survivors and Family Caregivers 86 Catherine J Kirkness , Univ of Washington, Seattle, WA Tamilyn Bakas, Indiana Univ, Indianapolis, IN
3:54	Evolution of the 24-Hour In-House Stroke Team 87 Cari S Pearson , Providence St Peter Hosp, Olympia, WA
4:06	A Prospective Evaluation Of Efficacy Of A Nurse-led Tia Clinic In Hong Kong 88 Yu Chung Tsang, Mick , United Christian Hosp, Hong Kong, Hong Kong Ng Ping Wing, United Christian Hosp, Hong Kong, Hong Kong
4:18	Instituting a 24/7 Enrollment Plan for Acute Ischemic Stroke Clinical Trials: Feasibility, Implementation and Potential Impact 89 Loren F Shen , Univ of Texas Health Science Ctr at Houston, Houston, TX Andrew D Barreto, Univ of Texas Health Science Ctr at Houston, Houston, TX
4:30	Nursing Education: A Critical Need in the Delivery of High Quality Stroke Care 90 Virginia Daggett , Richard L Roudebush VA Medical Ctr, Indianapolis, IN Teresa Damush, Richard L Roudebush VA Medical Ctr, Indianapolis, IN
4:42	Relationship Between Joint Commission Comprehensive Stroke Center Designation and Sparrow Hospital Lansing, Michigan in Conjunction with Michigan State University Department of Neurology 91 Erin L Shell , Michigan State Univ, East Lansing, MI Syed Hussain, Michigan State Univ, East Lansing, MI
4:54	Discussion
Short Break (5:00 pm – 5:15 pm)	

Poster Hall, Hall G

Moderated Posters W MP1– W MP120; see pg 48 in the Poster Abstract index for a complete listing of all the posters in the Wednesday Professor-Led Poster Tour 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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HeadQuarters, Booth 241 or online at
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The American Heart Association/American Stroke Association's Get With The Guidelines-Atrial Fibrillation Program is made possible with funding in part from Daiichi Sankyo, Inc.



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Thursday, February 13 (7:00 am – 8:30 am)

Category	Acute Neuroimaging	Clinical Rehabilitation and Recovery
Session Title	Diffusion and Perfusion for Endovascular Treatment (Debate)	Advances in Neuromodulation and Functional Restoration in Stroke Rehabilitation
Session Type	Debate	Invited Symposium
Room	Ballroom 20B-C	31
Moderator(s)	Peter D Schellinger, MD, PhD, FESO, FAHA, Minden, Germany	Adriana Conforto, MD, PhD, Sao Paulo, Brazil Ela B Plow, PhD, PT, Cleveland, OH
7:00	DWI and PI Are the Ideal Tools for Selecting Patients for Any Recanalization Therapy in Any Time Window Steven Warach, MD, Austin, TX	Deep Cerebellar Stimulation in Post-stroke Neurorehabilitation: Findings from Preclinical Investigations Andre Machado, MD, Cleveland, OH
7:19	(7:25) DWI and PI Are of No Additional Use and Time Consuming Martin Köhrmann, MD, Erlangen, Germany	The Benefit of Low Frequency rTMS in Right Parietal Lesion Patients: Tipping the Inter-hemispheric Balance with TMS and Improving Sustained Attention Lorella Battelli, MD, Boston, MA
7:38		Enhancing Recovery of Sensory Deficits after Stroke with rTMS Svetlana Pundik, MD, MS, Cleveland, OH
7:57	(7:50) Comment On the Debators and Future Perspective Stephen M Davis, MD, FRCP, Edin FRACP, FAHA, Victoria, Australia	tPA and miRNAs as Mediators of Neuroregeneration and Neurological Recovery Post-stroke Michael Chopp, PhD, FAHA, Detroit, MI
8:15	Discussion	Discussion

Category	Community/Risk Factors	Emergency Care/Systems
Session Title	Community/Risk Factors Oral Abstracts II	Emergency Care/Systems Oral Abstracts I
Session Type	Abstract	Abstract
Room	Ballroom 20A	30A-D
Moderator(s)	J David Spence, MD, London, ON, Canada Hank Ay, MD, FAHA, Boston, MA	Yongjun Wang, MD, Beijing, China Phillip Scott, MD, FAHA, Ann Arbor, MI
7:00	Prevalence and Predictors of Apparent Treatment-Resistant Hypertension among Individuals with a History of Physician-Diagnosed Stroke or TIA ⁹² Virginia J Howard, Univ of Alabama at Birmingham, Birmingham, AL Paul Muntner, Univ of Alabama at Birmingham, Birmingham, AL	Geographic Access to Acute Stroke Care in the United States ⁹⁹ Opeolu Adeoye, Univ of Cincinnati, Cincinnati, OH Dawn Kleindorfer, Univ of Cincinnati, Cincinnati, OH
7:12	Adherence to Mediterranean Diet and Prediction of Incident Stroke ⁹³ Georgios Tsigoulis, Sch of Med, Univ of Athens, Athens, Greece Suzanne Judd, Univ of Alabama at Birmingham, Birmingham, AL	Combining Prehospital Neuroprotective Therapy with Post-Hospital Arrival Recanalization Therapies: The FAST-MAG Experience ¹⁰⁰ Nerses Sanossian, Univ of Southern California, Los Angeles, CA Jeffrey L Saver, UCLA Stroke Ctr, Los Angeles, CA
7:24	Blacks Arrive Later After Stroke Onset Than Whites In Chicago ⁹⁴ Neelum Aggarwal, Rush Univ Medical Ctr, Chicago, IL Shyam Prabhakaran, Northwestern Univ, Feinberg Sch of Med, Chicago, IL	Educational level, Emergency Medical Services Activation and Hospital Arrival in Acute Stroke ¹⁰¹ Gisele S Silva, Albert Einstein Hosp and Federal Univ of São Paulo, São Paulo, Brazil João José Freitas de Carvalho, Department of Health State of Ceará, Fortaleza, Brazil
7:36	The Impact of Blood Pressure Variability on Stroke Recurrence: The SPS3 trial ⁹⁵ Thalia S Field, Univ of Calgary, Calgary, AB, Canada Oscar Benavente, Univ of British Columbia, Vancouver, BC, Canada	Use of Emergency Medical Services by Stroke Patients ¹⁰² Aaron M Anderson, Emory Univ Sch of Med, Atlanta, GA Dawn O Kleindorfer, University of Cincinnati, Cincinnati, OH
7:48	Stroke in the Young: Preliminary Results for Temporal Trends in the Age of Stroke Incidence in a Large, Bi-Racial Population ⁹⁶ Brett M Kissela, Univ of Cincinnati, Cincinnati, OH Dawn Kleindorfer, Univ of Cincinnati, Cincinnati, OH	Mobile Telestroke During Ambulance Transport is Feasible in a Rural EMS setting - pilot data from the Improving Treatment with Rapid Evaluation of Acute stroke via mobile Telemedicine (iTREAT) study ¹⁰³ Sherita N Chapman, Univ of Virginia Health System, Charlottesville, VA Andrew M Southerland, Univ of Virginia Health System, Charlottesville, VA
8:00	The Impact Of “Traditional” Risk Factors For Incident Versus Recurrent Stroke ⁹⁷ George Howard, Univ of Alabama at Birmingham, Birmingham, AL Virginia J Howard, Univ of Alabama at Birmingham, Birmingham, AL	Golden Hour-Thrombolysis By Starting Treatment Before Hospital Arrival The Pre-Hospital Acute Neurological Treatment and Optimization of Medical Care in Stroke study (PHANTOM-S) ¹⁰⁴ Martin Ebinger, Ctr for Stroke Res, Charité Univmedizin Berlin, Berlin, Germany Heinrich J Audebert, Ctr for Stroke Res, Charité Univmedizin Berlin, Berlin, Germany
8:12	Stroke Recurrence Rates are Not Changing over Time ⁹⁸ Ikjae Lee, Univ of Cincinnati Medical Ctr, Cincinnati, OH Brett Kissela, Univ of Cincinnati Medical Ctr, Cincinnati, OH	Geographic Disparities In Emergency Medical Services Calls For Stroke In Chicago ¹⁰⁵ Shyam Prabhakaran, Northwestern Univ, Feinberg Sch of Med, Chicago, IL Kathleen O'Neill, American Heart Association, Chicago, IL
8:24	Discussion	Discussion

Short Break (8:30 am – 8:40 am)

Thursday, February 13 (7:00 am – 8:30 am)

Category	Intracerebral Hemorrhage	Pediatric Stroke
Session Title	Assessing Risk of Intracerebral Hemorrhage in 2014	Protecting the Ischemic Neonatal Brain: What Can We Do Better?
Session Type	Invited Symposium	Invited Symposium
Room	28A-D	33
Moderator(s)	Jin-Moo Lee, MD, PhD, St Louis, MO Eric E Smith, MD, Calgary, AB, Canada	Stephen Ashwal, MD, Loma Linda, CA Rand Askalan, MD, PhD, Toronto, ON, Canada
7:00	Clinical Risk Factors for ICH: An Epidemiologic Perspective Dawn Kleindorfer, MD, FAHA, Cincinnati, OH	Protecting the Ischemic Brain: Lessons To Be Learned from the Adult Brain Mary Stenzel-Poore, PhD, Portland, OR
7:19	Neuroimaging to Diagnose the Etiology and Stratify Risk of ICH M Edip Gurol, MD, Boston, MA	Hypothermia: Can We Push Its Boundaries? Jerome Yager, MD, Edmonton, AB, Canada
7:38	Genetic and Other Laboratory Markers of ICH Risk Joan Montaner, MD, PhD, Barcelona, Spain	Inflammation as a Target for Neuroprotection Susan J Vannucci, PhD, New York, NY
7:57	Medications and ICH: Beyond Antithrombotics Philip B Gorelick, MD, MPH, FAHA, Grand Rapids, MI	Neuroprotection of the Ischemic Developing Brain: How Close Are We to the Bedside? Michael Johnston, MD, Baltimore, MD
8:15	Discussion	Discussion

Category	Vascular Cognitive Impairment	
Session Title	Vascular Cognitive Impairment Oral Abstracts	
Session Type	Abstract	
Room	Ballroom 20D	
Moderator(s)	Natan Bornstein, MD, Tel-Aviv, Israel	
7:00	Low Cognitive Scores in Domains of Learning, Memory or Executive Function Predict Incident Stroke: The REGARDS Study 106 Virginia G Wadley, Univ of Alabama at Birmingham, Birmingham, AL George Howard, Univ of Alabama at Birmingham, Birmingham, AL	
7:12	Infectious Burden and Cognitive Performance: the Northern Manhattan Study 107 Clinton B Wright, Univ of Miami, Miami, FL Mitchell S Elkind, Columbia Univ, New York, NY	
7:24	Chronic Kidney Disease Is Associated with the Risk of Dementia in Patients with Vascular Risk Factors Independently of Cerebral Small Vessel Disease 108 Kaori Miwa, Osaka Univ Graduate Sch of Med, Suita, Osaka, Japan Kazuo Kitagawa, Osaka Univ Graduate Sch of Med, Suita, Osaka, Japan	
7:36	Manipulative Dexterity is Associated with Occult White Matter Ischemic Lesions in Healthy Asymptomatic Persons at Increased Risk for Cardiovascular Disease 109 Paul A Nyquist, Johns Hopkins, Baltimore, MD Diane M Becker, Johns Hopkins, Baltimore, MD	
7:48	Age Associated Brain Volume is More Closely Correlated to Periventricular than Deep White Matter Disease 110 Paul Nyquist, Johns Hopkins, Baltimore, MD Dhananjay Vaidya, Johns Hopkins, Baltimore, MD	
8:00	Outpatients Referred for Carotid Doppler Evaluation Who Have Elevated Coated-Platelets Demonstrate Early Cognitive Impairment 111 Angelia Kirkpatrick, Univ of Oklahoma Health Sciences Ctr, Oklahoma City, OK Calin Prodan, Univ of Oklahoma Health Sciences Ctr, Oklahoma City, OK	
8:12	Long-term Cognitive Changes after Stroke: The Regards Study 112 Deborah A Levine, Univ of Michigan, Ann Arbor, MI Virginia G Wadley, Univ of Alabama at Birmingham, Birmingham, AL	
8:24	Discussion	
Short Break (8:30 am – 8:40 am)		

For changes to the program made since the Final Program went to print, please check the online Program/Itinerary Planner located on the ISC Web site at strokeconference.org.

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

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

Thursday, February 13 (8:40 am – 10:10 am)

Category	Acute Neuroimaging	Aneurysm
Session Title	Acute Neuroimaging Oral Abstracts II	Aneurysm Oral Abstracts
Session Type	Abstract	Abstract
Room	Ballroom 20A	31
Moderator(s)	Martin Köhrmann, MD, Heidelberg, Germany Jens Fiehler, MD, Hamburg, Germany	Mark Bain, MD, Cleveland, OH Michael Tymianski, MD, PhD, FRCSC, Toronto, ON, Canada
8:40	Dodecafluoropentane Emulsion Delays and Reduces MRI Markers of Infarction in a Rat Stroke Model 113 J S Nix, Univ of Arkansas for Medical Sciences, Little Rock, AR William C Culp, Univ of Arkansas for Medical Sciences, Little Rock, AR	Surpass Flow Diverter for Endovascular Treatment of Intracranial Aneurysms - A Multicenter Preliminary Clinical and Angiographic Experience in 161 patients with 186 Aneurysms 120 Ajay K Wakhloo, Univ of Massachusetts, Boston, MA Nader Sourour, Pitie-Salpetriere Hosp, Paris, France
8:52	Interim Recanalization in Acute Ischemic Stroke Patients Selected for Endovascular Treatment by CT Angiography 114 Mushtaq H Qureshi, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN Adnan I Qureshi, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN	Effects of Modifiable Risk Factors on the Age of Collagen in Intracranial Aneurysms 121 Nima Etminan, Heinrich Heine Univ, Düsseldorf, Germany Loch Macdonald, Univ of Toronto, Toronto, Germany
9:04	Snapshot MR-OEF for Simultaneous Imaging of Tissue Oxygenation and CVR in 90 seconds 115 Charles G Cantrell, Northwestern Univ, Chicago, IL Timothy J Carroll, Northwestern Univ, Chicago, IL	Intra-aneurysmal Flow Disruption: A New Approach for the Endovascular Treatment of Intracranial Aneurysms. Clinical Experience in a Multicenter Series of 66 Patients with 68 Aneurysms 122 Laurent Pierot, CHU Reims, Reims, France Christophe Cognard, CHU Toulouse, Toulouse, France
9:16	Migraineurs Are More Susceptible To Infarct Growth In Acute Stroke 116 Katharina Eikermann-Haerter, Massachusetts General Hosp, Charlestown, MA Hakan Ay, Massachusetts General Hosp, Charlestown, MA	The Unruptured Intracranial Aneurysm Treatment Score (UIATS) - Proposal of a multidisciplinary research group 123 Nima Etminan, Heinrich Heine Univ, Düsseldorf, Germany Loch Macdonald, Univ of Toronto, Toronto, ON, Canada
9:28	A Six Minute MRI Protocol for Evaluation of Acute Ischemic Stroke: Pushing the Boundaries 117 Kambiz Nael, Univ of Arizona, Tucson, AZ Bruce Coull, Univ of Arizona, Tucson, AZ	Quantifying Intracranial Aneurysm Wall Permeability for Risk Assessment using Dynamic Contrast Enhanced MRI: A Pilot Study 124 Parmede Vakil, Northwestern Univ, Chicago, IL Timothy J Carroll, Northwestern Univ, Chicago, IL
9:40	Diffusion Lesion Volume Reduction after Recanalization Therapy for Anterior Circulation Stroke with Major Vessel Occlusion: Analysis from the RESCUE-Japan Registry Study 118 Mikito Hayakawa, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan Shinichi Yoshimura, Gifu Univ, Gifu, Japan	Treatment of Intracranial Aneurysms With the LUNA AES Updated 125 Nader Sourour, Pitie Salpetriere, Paris, France René Anxionnat, CHU Nancy, Nancy, France
9:52	Serial Analysis of Perfusion Angiography in Endovascular Intervention for Acute Stroke with Proximal Middle Cerebral Artery Occlusion 119 Jason W Tarpley, UCLA, Los Angeles, CA David S Liebeskind, UCLA, Los Angeles, CA	Comparison of Flow Diversion and Coiling in Large Unruptured Intracranial Saccular Aneurysms 126 Nohra Chalouhi, Thomas Jefferson Univ, Philadelphia, PA Pascal Jabbour, Thomas Jefferson Univ, Philadelphia, PA
10:04	Discussion	Discussion

Category	Acute Endovascular Treatment	Basic and Preclinical Neuroscience of Stroke Recovery
Session Title	Negative Randomized Studies in Endovascular Therapy for Acute Stroke: Can Different Study Designs Lead to Different Results?	Neuroprotection through Therapeutic Hypothermia
Session Type	Invited Symposium	Invited Symposium
Room	Ballroom 20B-C	30A-D
Moderator(s)	Tudor G Jovin, MD, Pittsburgh, PA Pooja Khatri, MD, FAHA, Cincinnati, OH	Thomas Hemmen, MD, PhD, La Jolla, CA Patrick Lyden, MD, Los Angeles, CA
8:40	Better Patient Selection Would Improve Outcomes in Endovascular Treated Patients Raul G Nogueira, MD, Atlanta, GA	(8:40) Introduction and Overview Thomas Hemmen, MD, PhD, La Jolla, CA
8:55	(8:59) State-of-the-Art Endovascular Technology and Faster Reperfusion Times Would Improve Outcomes in Endovascular Treated Patients Brian T Jankowitz, MD, Pittsburgh, PA	(8:45) Neuroprotective Mechanisms of Hypothermia Midori A Yenari, MD, FAHA, San Francisco, CA
9:10	(9:18) Can Endovascular Beat IV t-PA? Would Any Other Trial Design Have Led to Different Results? Gregory W Albers, MD, Palo Alto, CA	(9:02) Therapeutic Hypothermia for Acute Ischemic Stroke
9:25	(9:37) Endovascular Stroke Therapy Outside Clinical Trials: Should We Still Offer It? Antoni Davalos, MD, PhD, Barcelona, Spain	(9:19) Therapeutic Hypothermia for Acute Spinal Cord Injury and Diffuse Axonal Injury Guadalupe Argelis Castillo-Abrego, MD, Panama, Panama
9:40		(9:36) Drug Induced Hypothermia Shan Ping Yu, MD, PhD, Atlanta, GA
9:55	Discussion	(9:53) Feasibility of Hypothermia Jesper Petersson, MD, Malmö, Sweden

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

Thursday, February 13 (8:40 am – 10:10 am)

Category	Experimental Mechanisms and Models	Outcomes, Quality and Health Services Research
Session Title	Experimental Mechanisms and Models Oral Abstracts I	Outcomes, Quality and Health Services Research Oral Abstracts II
Session Type	Abstract	Abstract
Room	33	Ballroom 20D
Moderator(s)	John Hallenbeck, MD, Bethesda, MD Adviye Ergul, MD, PhD, FAHA, Augusta, GA	Cheryl Bushnell, MD, MHS, Winston Salem, NC
8:40	Genetic Ablation Of Alternatively-spliced Extra Domain A Of Fibronectin Protects Hypercholesterolemic Mice From Acute Stroke Injury 127 Ajmal Ahmad, Univ of Iowa, Iowa, IA Anil Chauhan, Univ of Iowa, Iowa, IA	Effect of Warfarin Adherence on the Mortality After Ischemic Stroke: A Nationwide Multicenter Cohort Study 134 Chi K Kim, Seoul Natl Univ Hosp, Seoul, Korea, Republic of Byung-Woo Yoon, Seoul Natl Univ Hosp, Seoul, Korea, Republic of
8:52	Intracisternal Administration Of Tissue Plasminogen Activator Improves Cerebrospinal Fluid Flow And Cortical Perfusion After Subarachnoid Hemorrhage In Mice 128 Dominic A Siler, Oregon Health & Science Univ, Portland, OR Nabil J Alkayed, Oregon Health & Science Univ, Portland, OR	Antiplatelet Therapy Following Ischemic Stroke - Continue or Change Pre-existing Therapy? 135 Wardati Mazlan Kepli, Univ of Glasgow, Glasgow, United Kingdom Jesse Dawson, Univ of Glasgow, Glasgow, United Kingdom
9:04	PAK01: A Synthesized Small Molecule That Enhances Reperfusion, Neuroprotection And Avoids Hemorrhagic Transformation In Rodent Models Of Thromboembolic Stroke 129 Shinn-Zong Lin, China Medical Univ Hosp, Taichung, Taiwan Shiqi Peng, Capital Medical Univ, Beijing, China	Is the Use of r-tPa in Mild Stroke Patients Cost-Effective? 136 David L Veenstra, Univ of Washington, Seattle, WA
9:16	Effects of Genetic Inactivation of Amyloid Precursor Protein in Cerebral Microvasculature 130 Anantha Vijay R Santhanam, Mayo Clinic, Rochester, MN Zvonimir S Katusic, Mayo Clinic, Rochester, MN	Efficacy and Safety of a TIA Electronic Support Tool (FASTEST): A Cluster Randomized Controlled Trial 137 Annemarei Ranta, MidCentral Health/Univ of Otago, Palmerston North, New Zealand Mark Weatherall, Univ of Otago, Wellington, New Zealand
9:28	Prostaglandin D2 DP1 Receptor Ameliorates Stroke Outcomes Through Cerebral Blood Flow And Hemostasis 131 Abdullah S Ahmad, Univ of Florida, Gainesville, FL Sylvain Dore, Univ of Florida, Gainesville, FL	Assessing Disability Outcome in Acute Stroke Clinical Trials: Increased Study Power with Linear (ALDS) Compared with Ordinal (mRS) Scales 138 Napasri N Chaisinanunkul, David Geffen Sch of Med, UCLA, Los Angeles, CA Jeffrey L Saver, David Geffen Sch of Med, UCLA, Los Angeles, CA
9:40	Roles of Angiotensin (1-7) And Angiotensin II Type 2 Receptor on Intracranial Aneurysmal Rupture 132 Kenji Shimada, Univ of California, San Francisco, San Francisco, CA Tomoki Hashimoto, Univ of California, San Francisco, San Francisco, CA	Acute Stroke Reperfusion Therapy Trends in the Expanded Treatment Window Era 139 Ganesh Asaithambi, Univ of Florida, Gainesville, FL Kamakshi Lakshminarayan, Univ of Minnesota, Minneapolis, MN
9:52	Inhibition of TRPV4 is Protective of the Brain and Cerebral Circulation During Ischemic Stroke 133 Marilyn J Cipolla, Univ of Vermont, Burlington, VT Mark T Nelson, Univ of Vermont, Burlington, VT	Long-term disability after lacunar stroke: Secondary Prevention of Small Subcortical Stroke Study 140 Mandip S Dhamoon, Mount Sinai Sch of Med, New York, NY Mitchell S Elkind, Columbia Univ, New York, NY
10:04	Discussion	Discussion

Category	SAH and Other Neurocritical Management	
Session Title	Management of Dural Venous Sinus Thrombosis	
Session Type	Invited Symposium	
Room	28A-D	
Moderator(s)	Chirag D Gandhi, MD, Newark, NJ William Mack, MD, FAHA, Los Angeles, CA	
8:40	Pathogenesis and Risk Factors of DVST Fernando Barinagarremeneria, MD, Querétaro, Mexico	For changes to the program made since the Final Program went to print, please check the online Program/Itinerary Planner located on the ISC Web site at strokeconference.org. The Oral Abstracts list the Presenting Author (first in bold) and the Senior Author (last) of the abstract. For the complete Author Block of an abstract (including the Conflict of Interest information), please check the online Program/Itinerary Planner on the ISC Web site at strokeconference.org or the ISC abstracts online in the <i>Stroke</i> journal. The number listed immediately after the abstract's title is the abstract's presentation number.
8:59	Medical Management Gene Y Sung, MD, MPH, Los Angeles, CA	
9:18	Acute Endovascular Intervention Charles Prestigiacomo, MD, FAANS, FACS, Newark, NJ	
9:37	Stenting for Chronic Sequelae and Pseudotumor Felipe Albuquerque, MD, Phoenix, AZ	
9:55	Discussion	

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

Thursday, February 13 (10:30 am – 12 Noon)	
	Plenary Session
Session Title	Plenary Session II
Session Type	Plenary
Room	Hall E
Moderator(s)	Steven M Greenberg, MD, PhD, FAHA, Boston, MA Kyra Becker, MD, FAHA, Seattle, WA
10:30	Introduction of the Mordecai Y T Globus New Investigator Award in Stroke Kyra Becker, MD, FAHA, Seattle, WA
10:32	Mordecai Y T Globus New Investigator Award in Stroke: In Vivo Molecular Imaging of Thrombosis and Thrombolysis Using a Fibrin-binding PET Probe 212 Francesco Blasi, Massachusetts General Hosp, Charlestown, MA Peter Caravan, Massachusetts General Hosp, Charlestown, MA
10:44	Introduction of the Stroke Care in Emergency Medicine Award Kyra Becker, MD, FAHA, Seattle, WA
10:46	Stroke Care in Emergency Medicine Award: Stroke Severity Adjusted EMS Triage Has Benefits For Bypassed Primary Stroke Centers 213 Evan Allen, Florida Hosp Neuroscience Inst, Orlando, FL Adnan I Qureshi, Zeenat Qureshi Stroke Inst, St Cloud, MN
10:58	Introduction of the Keynote Abstracts Steven M Greenberg, MD, PhD, FAHA, Boston, MA
11:00	The Field Administration of Stroke Therapy - Magnesium (FAST-MAG) Phase 3 Trial: Primary Results 214 Jeffrey L Saver, Geffen Sch of Med at UCLA, Los Angeles, CA Sidney Starkman, David Geffen Sch of Med at UCLA, Los Angeles, CA
11:12	Hyperhomocysteinemia As A Model Of Vascular Dementia And Its Effects On Amyloid Pathology In A Transgenic Mouse Model 215 Donna M Wilcock, Sanders-Brown Ctr on Aging, Lexington, KY
11:24	Risk of Thrombosis Remains Elevated for 12 Weeks After Labor and Delivery 216 Hooman Kamel, Weill Cornell Medical Coll, New York, NY Mitchell S Elkind, Columbia Coll of Physicians and Surgeons, New York, NY
11:36	Introduction of the Thomas Willis Award Steven M Greenberg, MD, PhD, FAHA, Boston, MA
11:40	Thomas Willis Award: Sex, Stroke and Innovation Patricia Hurn, PhD, FAHA, Austin, TX
Short Break (12 Noon – 12:10 pm)	

12:10 pm – 1:30 pm

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

Fellow and Early Career/Stroke Leader Roundtable Luncheon
Room 25
(Ticket required; seating is limited.)

Moderator: Pooja Khatri, MD, FAHA, Cincinnati, OH

Acute Stroke

Nils G Wahlgren, MD, PhD, Stockholm, Sweden

Acute Stroke/Emergency Medicine

William G Barsan, MD, FACEP, FAHA, Ann Arbor, MI

Acute Stroke/Neurocritical Care

Opeolu Adeoye, MD, Cincinnati, OH

Acute Stroke/Neuroimaging

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

Basic Science

Louise D McCullough, MD, PhD, Farmington, CT

Cerebrovascular Surgery

Sepideh Amin-Hanjani, MD, FAANS, FACS, FAHA, Chicago, IL

Cerebrovascular Surgery/Basic Science

E Sander Connolly, Jr, MD, FAHA, New York, NY

Endovascular/Neurology

Osama Zaidat, MD, Milwaukee, WI

Endovascular/Radiology

Ruediger Von Kummer, MD, PhD, FAHA, Dresden, Germany

Epidemiology/Stroke Prevention

Dawn Kleindorfer, MD, FAHA, Cincinnati, OH

Nursing

Barbara Lutz, PhD, RN, CRRN, FAHA, Gainesville, FL

Pediatric Stroke/Epidemiology

Heather Fullerton, MD, San Francisco, CA

Rehabilitation

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

Stroke Genetics/Neurocritical Care

Stephanie Debette, MD, Paris, France

Stroke Journal

Marc Fisher, MD, FAHA, Worcester, MA

Stroke Neuroimaging

Max Wintermark, MD, Charlottesville, VA

Stroke Prevention

Philip B Gorelick, MD, MPH, FAHA, Grand Rapids, MI

Stroke Rehabilitation

Steven C Cramer, MD, Orange, CA

12:10 pm – 1:30 pm

Physician Assistants and Nurse Practitioners Luncheon

Room 28E

(Ticket required; seating is limited.)

Moderator: Krista Jordan, PA-C, St Louis Park, Minnesota

12:10 National and International Trends of Physician Assistants

Krista Jordan, PA-C, St Louis Park, Minnesota

12:30 Effective Utilization of Advance Practice Providers in Neurology

Matthew J Ostrander, MD, St Louis Park, Minnesota

12:50 Panel Discussion

Krista Jordan, PA-C, St Louis Park, Minnesota

Kristen Barklow, RN, MSN, CNP, Minneapolis, Minnesota

David Y Huang, MD, PhD, Chapel Hill, North Carolina

Matthew J Ostrander, MD, St Louis Park, Minnesota

Gail Wallace, RN, CNP, Duluth, MN

1:15 Informal Discussion and Networking

[illegible]

Thursday, February 13 (1:30 pm – 3:00 pm)

Category	Acute Endovascular Treatment	Clinical Rehabilitation and Recovery
Session Title	Acute Endovascular Treatment Oral Abstracts I	Clinical Rehabilitation and Recovery Oral Abstracts
Session Type	Abstract	Abstract
Room	Ballroom 20D	Room 28A-D
Moderator(s)	Andrei Alexandrov, MD, Birmingham, AL Cathy A Sila, MD, FAAN, Cleveland, OH	Michael O'Dell, MD, New York, NY Carolee J Winstein, PhD, PT, FAPTA, Los Angeles, CA
1:30	Door-to-Puncture: A Practical Metric for Capturing and Enhancing System Processes Associated With Endovascular Stroke Care, Preliminary Results From the Rapid Reperfusion Registry 141 Chung-Huan J Sun , Emory Univ, Atlanta, GA; Rishi Gupta, Emory Univ, Atlanta, GA	Cortical Connectivity is a Powerful Predictor of Motor Recovery in Chronic Stroke 148 Steven C Cramer , Univ of California, Irvine, Irvine, CA
1:42	ASPECTS Decay During Inter-facility Transfer Predicts Patient Outcomes in Endovascular Reperfusion for Ischemic Stroke: A Unique Assessment of Dynamic Physiologic Change over Time 142 Chung-Huan J Sun , Emory Univ, Atlanta, GA Rishi Gupta, Emory Univ, Atlanta, GA	A Novel Phase 1/2A Study of Intraparenchymal Transplantation of Human Modified Bone Marrow Derived Cells in Patients with Stable Ischemic Stroke 149 Gary K Steinberg , Stanford Medical Ctr, Stanford, CA Ernest W Yankee, SanBio, Inc, Mountain View, CA
1:54	Evaluation of Interval Times from Onset to Recanalization in Patients Undergoing Endovascular Therapy in the IMS III Trial 143 Mayank Goyal , Univ of Calgary, Calgary, AB, Canada Joseph P Broderick, Univ of Cincinnati, Cincinnati, OH	Dalfampridine in Patients With Chronic Post-Ischemic Stroke Deficits: Results From a Phase 2 Study 150 David M Simpson , Mount Sinai Sch of Med, New York, NY Enrique Carrazana, Acorda Therapeutics, Inc, Ardsley, NY
2:06	The Pittsburgh Outcomes After Stroke Thrombectomy (POST) Score Predicts Good Outcomes After Endovascular Therapy for Anterior Circulation Large Vessel Occlusions 144 Srikant Rangaraju , Univ of Pittsburgh Medical Ctr, Pittsburgh, PA Tudor G Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA	Selection of Post-Acute Rehabilitation Facilities in the Northeast: A Survey of Discharge Planners 151 Alyse Sicklick , Gaylord Hosp, Wallingford, CT Lila Martin, Tufts Univ Sch of Med, Boston, MA
2:18	Transferred Ischemic Stroke Patients Have Worse Outcomes After Endovascular Therapy 145 Malik M Adil , Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN Shyam Prabhakaran, Feinberg Sch of Med, Chicago, IL	The Contrastim Stroke Study: Improving Hand and Arm Function After Stroke With Combined Non-Invasive Brain Stimulation and Task-Oriented Therapy - A Pilot Study 152 Richard L Harvey , The Rehabilitation Inst of Chicago, Chicago, IL Lynn M Rogers, The Rehabilitation Inst of Chicago, Chicago, IL
2:30	Optimal Workflow and Process Based Performance Measures for Endovascular Therapy in Acute Ischemic Strokes From the Star Registry 146 Bijoy K Menon , Univ of Calgary, Calgary, AB, Canada Mayank Goyal, Univ of Calgary, Calgary, AB, Canada	Motor Imagery During Movement Activates the Brain More Than Movement Alone After Stroke 153 Steven C Cramer , Univ of California, Irvine, Irvine, CA
2:42	Time to Angiographic Reperfusion Predicts Good Clinical Outcome in the Penumbra Studies 147 Pooja Khatri , Univ of Cincinnati, Cincinnati, OH Siu Po Sit, Penumbra, Inc, Alameda, CA	Changes in Task fMRI After Stroke Rehabilitation Using Closed-Loop Neurofeedback 154 Brittany M Young , Univ of Wisconsin - Madison, Madison, WI Vivek Prabhakaran, Univ of Wisconsin - Madison, Madison, WI
2:54	Discussion	Discussion

Category	Diagnosis of Stroke Etiology	Experimental Mechanisms and Models
Session Title	Secondary Prevention for Stroke: Does Etiology Matter? (Debate)	Purpose, Design, Conduct, and Implementation of Multicentre (Phase 3) Animal Studies
Session Type	Debate	Invited Symposium
Room	Ballroom 20A	33
Moderator(s)	Martin O'Donnell, MB, PhD, Galway, Ireland	Marc Fisher, MD, FAHA, Worcester, MA David Howells, PhD, Melbourne, Australia
1:30	Are We Ordering Too Many Etiological Diagnostic Tests for Stroke? James F Burke, MD, Ann Arbor, MI	The Rational for Multicentre Animal Studies Malcolm R Macleod, MB, ChB, PhD, Edinburgh, United Kingdom
1:49	(1:55) With the Exception of Carotid Stenosis and A FIB (and a Few Zebras), Etiology Does Not Matter William J Powers, MD, FAHA, Chapel Hill, NC	Design of Multicentre Animal Studies Ulrich Dirnagl, MD, Berlin, Germany
2:08	(2:20) Stroke Etiology Does Matter in Effective Management of Patients Marc I Chimowitz, MD, FAHA, Charleston, SC	Successfully Climbing the 'STAIRS': Surmounting Failed Translation of Experimental Ischemic Stroke Treatments Jill Roberts, PhD, Lexington, KY
2:27		Stroke Models and Their Application to Multicenter Trials Louise D McCullough, MD, PhD, Farmington, CT
2:45	Discussion	Discussion

Science and Technology Hall (Exhibits)/Break, Hall F (3:00 pm – 3:30 pm)

Thursday, February 13 (1:30 pm – 3:00 pm)

Category	Vascular Malformations	
Session Title	Vascular Malformations Oral Abstracts	Late-Breaking Science Oral Abstracts
Session Type	Abstract	Abstract
Room	31	Ballroom 20B-C
Moderator(s)	Babu Welch, MD, Dallas, TX Sean Lavine, MD, New York, NY	Anne Dorrance, PhD, FAHA, East Lansing, MI Darin Zahuranec, MD, Ann Arbor, MI
1:30	Health-Related Quality of Life in Patients With Unruptured Brain Avm Managed With or Without Interventional Therapy - The Aruba Trial 155 Christian Stapf, APHP - Hôpital Lariboisière, Paris, France J P Mohr, The Neurological Inst, New York, NY	Blood Pressure Variability in INTERACT2: An Important Determinant of Outcome Following Acute Intracerebral Haemorrhage LB3 Lisa S Manning, Univ of Leicester, Leicester, United Kingdom Hisatomi Arima, The George Inst for Global Health, Univ of Sydney, Sydney, Australia
1:42	Embolization Followed by Radiosurgery for the Treatment of Brain Arteriovenous Malformations (AVMs) 156 Michael P Marks, Stanford Univ Med Ctr, Stanford, CA Gary K Steinberg, Stanford Univ Med Ctr, Stanford, CA	Effect of Chronic Blood Pressure Lowering on Cognition in Patients with Recent Lacunar Stroke. The Secondary Prevention of Small Subcortical Strokes (SPS3) Trial LB4 Oscar R Benavente, Univ of British Columbia, Vancouver, BC, Canada Robert G Hart, Univ of McMaster, Hamilton, ON, Canada
1:54	MicroRNA Expression Signature in Human Brain Arteriovenous Malformations and Brain Hemangioblastoma 157 Guo-Yuan Yang, Shanghai Jiaotong Univ, Shanghai, China	Genomewide Association Study of Intracranial Aneurysm Identifies a New Association on Chromosome 7 LB5 Joseph Broderick, Univ of Cincinnati, Cincinnati, OH Tatiana Foroud, Indiana Univ, Indianapolis, IN
2:06	Magnetic Resonance Digital Subtraction Angiography Identifies Impaired Drainage in Arteriovenous Malformations With History of Rupture 158 Justin E Vranic, Northwestern Univ Feinberg Sch of Med, Chicago, IL Timothy J Carroll, Northwestern Univ Feinberg Sch of Med, Chicago, IL	Safety Endpoints and Thromboembolic Events for the First 250 Patients Enrolled in the Clot Lysis: Evaluation of Accelerated Resolution of Intraventricular Hemorrhage Trial (CLEAR III) LB6 Wendy Ziai, Johns Hopkins Univ SOM, Baltimore, MD Daniel F Hanley, Johns Hopkins Univ SOM, Baltimore, MD
2:18	Exceptional Aggressiveness of CCM3 Phenotype 159 Tania J Rebeiz, Univ of Chicago, Chicago, IL Issam Awad, Univ of Chicago, Chicago, IL	Clopidogrel With Aspirin in Acute Minor Stroke or Transient Ischemic Attack and Intracranial Artery Stenosis: Subgroup-analysis of Chance LB7 Liping Liu, Beijing Tiantan Hosp, Beijing, China Yongjun Wang, Beijing Tiantan Hosp, Beijing, China
2:30	Spetzler-Martin Grade and Outcomes by Randomization Assignment in ARUBA 160 J P Mohr, The Neurological Inst, New York, NY Christian Stapf, APHP - Hôpital Lariboisière, Paris, France	Dabigatran Provides Marked Protection from Hypertension-Carotid Artery Stenosis-Induced Vascular Cognitive Impairment LB8 Frank C Barone, SUNY Downstate Medical CTR, Brooklyn, NY Daniel M Rosenbaum, SUNY Downstate Medical CTR, Brooklyn, NY
2:42	Effects of Radiation Dose on Gene Expression in Cultured Murine Brain Endothelial Cells 161 Newsha Raoufi-Rad, Australian Sch of Advanced Med, Sydney, Australia Marcus Andrew Stoodley, Australian Sch of Advanced Med, Sydney, Australia	Intravenous Thrombolysis or Endovascular Therapy for Acute Ischemic Stroke Associated With Cervical Internal Carotid Artery Occlusion: The ICARO-3 Study LB9 Maurizio Paciaroni, Stroke Unit, Perugia, Italy
2:54	Discussion	Discussion

Category	Intracerebral Hemorrhage	For changes to the program made since the Final Program went to print, please check the online Program/Itinerary Planner located on the ISC Web site at strokeconference.org. The Oral Abstracts list the Presenting Author (first in bold) and the Senior Author (last) of the abstract. For the complete Author Block of an abstract (including the Conflict of Interest information), please check the online Program/Itinerary Planner on the ISC Web site at strokeconference.org or the ISC abstracts online in the <i>Stroke</i> journal. The number listed immediately after the abstract's title is the abstract's presentation number.
Session Title	Acute Management of ICH: Blood Pressure Lowering, Surgery and Future Directions	
Session Type	Invited Symposium	
Room	30A-D	
Moderator(s)	Robert Loch Macdonald, MD, PhD, FRCS(C), FAANS, FACS, Toronto, ON, Canada Joshua Goldstein, MD, PhD, FAHA, Boston, MA	
1:30	Subgroup Analyses of the INTERACT2 Trial Craig Anderson, MD, PhD, Sydney NSW, Australia	
1:45	STICH II: Outcomes from the Surgical Trial of Lobar ICH David Mendelow, MBBCh, PhD, FRCS, Newcastle, United Kingdom	
2:00	Does Craniotomy Reduce the Volume of ICH-evidence from STICH II Barbara Greyson, PhD, Newcastle Upon Tyne, United Kingdom	
2:15	Innovative Approaches Utilizing Minimally Invasive Surgery Plus Pharmacotherapy Daniel F Hanley, MD, FAHA, Baltimore, MD	
2:30	Discussion	
Science and Technology Hall (Exhibits)/Break, Hall F (3:00 pm – 3:30 pm)		

Thursday, February 13 (3:30 pm – 5:00 pm)

Category	Acute Nonendovascular Treatment	In-hospital Treatment
Session Title	Acute Carotid Revascularization (Debate)	Stroke Palliative Care
Session Type	Debate	Invited Symposium
Room	Ballroom 20B-C	Ballroom 20A
Moderator(s)	Seemant Chaturvedi, MD, FAHA, FAAN, Detroit, MI	Gregory J Zipfel, MD, Saint Louis, MO Richard Zorowitz, MD, FAHA, Baltimore, MD
3:30	(3:30) Early Treatment of Carotid Stenosis in Acute Setting Should Be Implemented Tudor G Jovin, MD, Pittsburgh, PA	What Is Unique to Palliative Care after Stroke? Claire Creutzfeldt, MD, Seattle, WA
3:45	(3:55) Early Treatment of Carotid Stenosis in Acute Setting Might Be Harmful Paola De Rango, MD, Perugia, Italy	What Is the Optimal Role for Palliative Care Consultants after Stroke? Robert G Holloway, MD, MPH, Rochester, NY
4:00		What to Expect? Symptom Management after Stroke Barbara Lutz, PhD, RN, CRRN, FAHA, Wilmington, NC
4:15		Inter-personal and Inter-national Differences in What We Call 'Quality-of-life' Stefan Lorenzl, MD, Munich, Germany
4:30	(4:20) Hemorrhage Risk in Carotid Stenosis Michael Maza, MD, Stockholm, Sweden	What's Next? Research Agenda Darin Zahuranec, MD, Ann Arbor, MI
4:45	Discussion	Discussion

Category		
Session Title	Stroke Controversies (a <i>Stroke</i> journal Session)	Treatment of Small Vessel Disease: Lessons from the Clinical Trials
Session Type	Invited Symposium	Invited Symposium
Room	31	Ballroom 20D
Moderator(s)	Marc Fisher, MD, FAHA, Worcester, MA Wolf R Schäbitz, MD, Bielefeld, Germany	Kennedy R Lees, MD, Glasgow, United Kingdom Charlotte Cordonnier, MD, Lille, France
3:30	Presentation of Stroke Progress and Innovation Awards Marc Fisher, MD, FAHA, Worcester, MA	Moderator's Introduction Kennedy R Lees, MD, Glasgow, United Kingdom
3:35	(3:36) Is Off-label Use of New Oral Anticoagulants Appropriate? (Pro) Michael D Hill, MD, MSc, FRCPC, Calgary, AB, Canada	Ultra-early Magnesium Treatment in Suspected Lacunar Stroke (FAST-MAG) Jeffrey L Saver, MD, FAHA, FAAN, Los Angeles, CA
3:50	(3:44) Is Off-label Use of New Oral Anticoagulants Appropriate? (Con) Geoffrey Donnan, MD, MBBS, FAHA, FRACP, Parkville Victoria, Australia	Does the Location or Etiology of ICH Influence Response to Acute Blood Pressure Lowering (INTERACT-2) Craig Anderson, MD, PhD, Sydney NSW, Australia
	(3:52) Is Off-label Use of New Oral Anticoagulants Appropriate? (Rebuttal) Michael D Hill, MD, MSc, FRCPC, Calgary, AB, Canada	
	(3:56) Is Off-label Use of New Oral Anticoagulants Appropriate? (Summary) Carlos A Molina, MD, Barcelona, Spain	
4:05	(3:58) Is the 4.5 Hours Time Window for Intravenous Thrombolysis with rt-PA Firmly Established? (Pro) Peter D Schellinger, MD, PhD, FESO, FAHA, Minden, Germany	MRI Correlates and Cognition in SPS3 Oscar Benavente, MD, FRCPC, Vancouver, BC, Canada
	(4:06) Is the 4.5 Hours Time Window for Intravenous Thrombolysis with rt-PA Firmly Established? (Con) Lawrence R Wechsler, MD, Pittsburgh, PA	
	(4:14) Is the 4.5 Hours Time Window for Intravenous Thrombolysis with rt-PA Firmly Established? (Rebuttal) Peter D Schellinger, MD, PhD, FESO, FAHA, Minden, Germany	
	(4:18) Is the 4.5 Hours Time Window for Intravenous Thrombolysis with rt-PA Firmly Established? (Summary) Magdy Selim, MD, PhD, FAHA, Boston, MA	
4:20	(4:20) Should a Patient with an Unruptured AVM be Referred for Intervention? (Pro) Sepideh Amin-Hanjani, MD, FAANS, FACS, FAHA, Chicago, IL	Is It Time to Stop Testing Blood Pressure Treatment and Start Lowering It Instead? Philip M Bath, BSc, MB, BS, MD, FRCPath, FRCP, FESC, Nottingham, United Kingdom
4:35	(4:28) Should a Patient with an Unruptured AVM be Referred for Intervention? (Con) J P Mohr, MS, MD, FAHA, FAAN, New York, NY	Panel Discussion
	(4:36) Should a Patient with an Unruptured AVM be Referred for Intervention? (Rebuttal) Sepideh Amin-Hanjani, MD, FAANS, FACS, FAHA, Chicago, IL	
4:40	(4:40) Should a Patient with an Unruptured AVM be Referred for Intervention? (Summary) Carlos A Molina, MD, Barcelona, Spain	
4:55	(4:42) Discussion	Closing Remarks Kennedy R Lees, MD, Glasgow, United Kingdom

Short Break (5:00 pm – 5:15 pm)

Thursday, February 13 (3:30 pm – 5:00 pm)

Category	Pediatric Stroke	Vascular Biology in Health and Disease
Session Title	Advances in Neuroimaging: New Tools to Understand Injury and Repair in Pediatric Stroke	Direct Thrombin Inhibitors and Neuroprotection: An Unexpected Journey
Session Type	Invited Symposium	Invited Symposium
Room	28A-D	30A-D
Moderator(s)	Michael Rivkin, MD, Boston, MA Adam Kirton, MD, MSc, FRCPC, Calgary, AB, Canada	Sheryl Martin-Schild, MD, PhD, New Orleans, LA Jaroslaw Aronowski, MS, PhD, Houston, TX
3:30	Diffusion Tensor Imaging: Window into Neonatal Brain Plasticity Terry Inder, St Louis, MO	Biology of PAR-1, APC and Thrombin Berislav V Zlokovic, MD, PhD, Los Angeles, CA
3:49	Functional MRI and Connectivity: Recovery of Neural Networks in Children after Stroke	Thrombin Toxicity and the Neurovascular Unit Patrick Lyden, MD, Los Angeles, CA
4:08	Perfusion MRI and Optical Imaging in Acute Childhood Stroke Daniel J Licht, MD, Philadelphia, PA	Role of Thrombin Mediating Hemorrhagic Edema Richard F Keep, PhD, Ann Arbor, MI
4:27	Imaging Vascular Elements of the Neurovascular Unit: the Effect of Age Rebecca N Ichord, MD, Philadelphia, PA	Clinical Trials of Direct Thrombin Inhibitors for Stroke – Focus on Argatroban Andrew Barreto, MD, Houston, TX
4:45	Discussion	Discussion

Category		
Session Title	Junior Investigator Session II	
Session Type	Invited Symposium	
Room	33	
Moderator(s)	Gregory Bix, MD, PhD, Lexington, KY Jin-Moo Lee, MD, PhD, St Louis, MO	
3:30	EEG-NIRS based low-cost screening and monitoring of cerebral microvessels functionality Anirban Dutta, PhD, Berlin, Germany	
3:35	Discussant	
3:40	Q&A	
3:48	The Roles of Set-β Neuronal Survival, Axon Growth and Regeneration Felix Trakhtenberg, PhD, MS, Miami, FL	
3:53	Discussant	
3:58	Q&A	
4:06	A comprehensive view of Inflammation Underlying Hypertension as a Preceding and Co-morbid Status to Ischemic Stroke Helena Morrison, PhD, RN, Augusta GA	
4:11	Discussant	
4:16	Q&A	
4:24	Tissue Plasminogen Activator Impairs Stem Cell Function, Thus Limiting Recovery Following Stroke J Mocco, MD, MS, Nashville, TN	
4:29	Discussant	
4:34	Q&A	
4:42	Acetazolamide in the treatment of acute ischemic stroke due to cerebral small vessel disease Angelos Katramados, MD, Detroit, MI	
4:47	Discussant	
4:52	Q&A	
Short Break (5:00 pm – 5:15 pm)		

For changes to the program made since the Final Program went to print, please check the online Program/Itinerary Planner located on the ISC Web site at strokeconference.org.

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

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

Poster Hall, Hall G

Moderated Posters T MP1 – T MP120; see pg 72 in the Poster Abstracts index for a complete listing of all the posters in the Thursday Professor-Led Poster Tour 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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We're making Americans aware of **TWO IMPORTANT STROKE SIGNS.**

They're the signs that identify facilities certified as **Primary Stroke Centers and Comprehensive Stroke Centers**. We're helping patients and their families learn to look for these certification symbols and understand their significance through communication resources such as our map tool at heart.org/myhealthcare.

If your hospital isn't already on the map, start earning your spot by visiting heart.org/certification.



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This image shows a full page of blank, white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is a vertical margin line on the left side, creating a narrow left margin. The paper appears to be from a notebook or a standard ruled document.

FRIDAY, FEBRUARY 14 (7:30 am – 9:00 am)

Category	Preventive Strategies	Experimental Mechanisms and Models
Session Title	Cryptogenic Stroke: Knowns and Unknowns	Remote Limb Conditioning: A New, Safe Therapy for Stroke?
Session Type	Invited Symposium	Invited Symposium
Room	Ballroom 20A	33
Moderator(s)	Richard A Bernstein, MD, PhD, Chicago, IL David Kent, MD, Boston, MA	David Hess, MD, Augusta, GA Miguel A Perez-Pinzon, PhD, FAHA, Miami, FL
7:30	Separating Pathogenic PFOs and Those with a High Risk of Recurrence from the Resk David E Thaler, PhD, Boston, MA	Pre-clinical Models of Remote Limb Conditioning John Zhang, MD, PhD, Loma Linda, CA
7:49	Clinical Trials of PFO Closure for Prevention of Recurrent Stroke: What Went Wrong? Anthony J Furlan, MD, Cleveland, OH	Mechanisms of Remote Limb Conditioning Heng Zhao, PhD, Stanford, CA
8:08	Undetected Atrial Fibrillation in Cryptogenic Stroke Martin A Ritter, MD, Munster, Germany	Remote Limb Conditioning in the Heart Andrew Redington, MD, Toronto, ON, Canada
8:27	Redefining the Symptomatic Carotid Plaque Tobias Saam, MD, Munich, Germany	Remote Limb Conditioning in Stroke Trials Sebastian Koch, MD, Miami, FL
8:45	Discussion	Discussion

Category	Cerebral Large Artery Disease	Experimental Mechanisms and Models
Session Title	Cerebral Large Artery Disease Oral Abstracts II	Experimental Mechanisms and Models Oral Abstracts II
Session Type	Abstract	Abstract
Room	Ballroom 20D	31
Moderator(s)	Tanya Turan, MD, FAHA, Charleston, SC	Marilyn Cipolla, PhD, MS, FAHA, Burlington, VT
7:30	Ipsilateral Ischemic Stroke in Japanese Patients With Asymptomatic Carotid Stenosis on Recent Medical Treatment 162 Eisuke Furui, Kohhan Hosp, Sendai, Japan Satoru Fujiwara, Kohhan Hosp, Sendai, Japan	Diet-induced Diabetes Impairs Neovascularization and Functional Recovery After Ischemic Stroke 169 Zhi Qu, Georgia Regents Univ, Augusta, GA Adviye Ergul, Georgia Regents Univ, Augusta, GA
7:42	Carotid Stenosis and Stroke Recurrence in Minor Stroke Patients With Atrial Fibrillation 163 Shigeru Fujimoto, Steel Memorial Yawata Hosp, Kitayushu, Japan Takanari Kitazono, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan	Aspirin Reduces Mortality Caused by Intracranial Aneurysm Rupture in mPGES-1 Deficient Mice 170 Ricardo A Pena Silva, Univ of Iowa, Iowa City, IA David Hasan, Univ of Iowa, Iowa City, IA
7:54	Comparison Between Transcranial Doppler and Functional MRI With Breath Holding Test for Cerebral Vasoreactivity Assessment in Patients with Carotid Stenosis 164 Cynthia R Campos-Herrera, State Univ of Campinas, Campinas, Brazil Li LiMin, State Univ of Campinas, Campinas, Brazil	Effect of Long-Term Treatment With Fimasartan on Transient Focal Ischemia in Rat Brain 171 Chi K Kim, Seoul Natl Univ Hosp, Seoul, Korea, Republic of Byung-Woo Yoon, Seoul Natl Univ Hosp, Seoul, Korea, Republic of
8:06	Platelet Derived Growth Factor (pdgf) is Associated With Progression of Symptomatic Intracranial Large Artery Atherosclerosis 165 Sang-Wuk Jeong, Dongguk Univ Coll of Med, Goyang City, Korea, Republic of	Circulating Mirna Profiles Discriminate Stroke Severity Associated With Age and Sex 172 Amutha Selvamani, Texas A&M Health Science Ctr, Bryan, TX Farida Sohrabji, Texas A&M Health Science Ctr, Bryan, TX
8:18	Carotid Artery Stent Placement and Carotid Endarterectomy in Patients with Dialysis Dependent Renal Failure 166 Malik M Adil, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN Adnan I Qureshi, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN	Effects of Ischemic Preconditioning on Microglial Phenotype and Transcriptome 173 Jonathan R Weinstein, Univ of Washington, Seattle, WA Thomas Möller, Univ of Washington, Seattle, WA
8:30	Noninvasive MRI Measurement of Cerebrovascular Reactivity Enables Evaluation of Surgical Revascularization Response in Moyamoya 167 Travis R Ladner, Vanderbilt Univ Sch of Med, Nashville, TN Megan K Strother, Vanderbilt Univ, Nashville, TN	Roles of Pericyte NADPH Oxidase 4 in Acute Brain Ischemia 174 Ataru Nishimura, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan Takanari Kitazono, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan
8:42	Coated-Platelets Improve TIA/Stroke Prediction in Asymptomatic Internal Carotid Artery Stenosis 168 Angelia Kirkpatrick, Univ of Oklahoma Health Sciences Ctr, Oklahoma City, OK Calin Prodan, Univ of Oklahoma Health Sciences Ctr, Oklahoma City, OK	The Role of ER-α, ER-β, and AR in the FCG Model of Ischemic Brain Injury 175 Kathryn C Bentivegna, Univ of Connecticut Health Ctr, Farmington, CT Louise D McCullough, Univ of Connecticut Health Ctr, Farmington, CT
8:54	Discussion	Discussion

Short Break (9:00 am – 9:10 am)

FRIDAY, FEBRUARY 14 (7:30 am – 9:00 am)

Category	Outcomes, Quality and Health Services Research	
Session Title	Transitional Stroke Care: The Intersection of Practice, Research, and Policy	Stroke Guidelines Session
Session Type	Invited Symposium	Invited Symposium
Room	28A-D	Ballroom 20BC
Moderator(s)	Pamela W Duncan, PhD, FAPTA, FAHA, Winston-Salem, NC Rosemarie B King, RN, PhD, FAHA, Chicago, IL	Alejandro Rubinstein, MD, Rochester, MN Karen Furie, MD, MPH, FAHA, Providence, RI
7:30	How Effective Are Current Stroke Transitional Care Interventions? Janet P Bettger, ScD, FAHA, Durham, NC	An Updated Definition of Stroke for the 21st Century Scott Kasner, MD, MS, FAHA, Philadelphia, PA
7:49	Translating Research into Practice: Transitional Care and Systematic Stroke Prevention Cheryl Bushnell, MD, MHS, Winston-Salem, NC	(7:42) AHA/ASA Scientific Advisory Oral Antithrombotic Agents for the Prevention of Stroke in Atrial Fibrillation Karen Furie, MD, MPH, FAHA, Providence, RI
		(7:54) Decline in Stroke Mortality Daniel Lackland, DPH, FAHA, Mt Pleasant, SC
8:08	Life-limiting Stroke: Integration of Palliative Care in the Transitional Framework Theresa Green, RN, PhD, Calgary, AB, Canada	(8:06) Cerebral and Cerebellar Infarction with Swelling Kevin Sheth, MD, FAHA, New Haven, CT
8:27	Improving Care Transitions: Policymakers' Perspective Anne F Deutsch, PhD, CRRN, RN, Chicago, IL	(8:18) The Risk Adjustment of Ischemic Stroke Outcomes for Comparing Hospital Performance Irene Katzan, MD, MS, FAHA, Cleveland, OH
		(8:30) Guidelines for the Prevention of Stroke in Women Cheryl Bushnell, MD, MHS, Winston Salem, NC
8:45	Discussion	Discussion

Category	Intracerebral Hemorrhage	
Session Title	Intracerebral Hemorrhage Oral Abstracts II	
Session Type	Abstract	
Room	30A-D	
Moderator(s)	Joan Montaner, MD, PhD, Barcelona, Spain Thorsten G Steiner, MD, PhD, Heidelberg, Germany	
7:30	Long Term Mortality in Acute Ischemic Stroke Patients with Nonvalvular Atrial Fibrillation According to Location and Burden of Cerebral Microbleeds 176 Tae-Jin Song , Ewha Womans Univ Sch of Med, Seoul, Korea, Republic of Ji Hoe Heo, Yonsei Univ Coll of Med, Seoul, Korea, Republic of	For changes to the program made since the Final Program went to print, please check the online Program/Itinerary Planner located on the ISC Web site at strokeconference.org. The Oral Abstracts list the Presenting Author (first in bold) and the Senior Author (last) of the abstract. For the complete Author Block of an abstract (including the Conflict of Interest information), please check the online Program/Itinerary Planner on the ISC Web site at strokeconference.org or the ISC abstracts online in the <i>Stroke</i> journal. The number listed immediately after the abstract's title is the abstract's presentation number.
7:42	Oral Anticoagulation Related Intracerebral Hemorrhage Is Becoming More Common and Less Fatal. A Nationwide Study From Finland 177 Atte Meretoja , Helsinki Univ Central Hosp, Helsinki, Finland Markku Kaste, Helsinki Univ Central Hosp, Helsinki, Finland	
7:54	Desmopressin Increases Platelet Activity After Acute Intracerebral Hemorrhage 178 Andrew M Naidech , Northwestern Univ, Chicago, IL Hau C Kwaan, Northwestern Univ, Chicago, IL	
8:06	Racial-ethnic Blood Pressure Differences in Acute Intracerebral Hemorrhage 179 Sebastian Koch , Univ of Miami, Miami, FL Daniel Woo, Univ of Cincinnati, Cincinnati, OH	
8:18	The Relation of Timing and Degree of Blood Pressure Control with Hematoma Growth - Secondary Analysis of The Interact2 Trial 180 C Stapf , APHP - Hôpital Lariboisière, Paris, France C S Anderson, The George Inst of Global Health, Sydney, Australia	
8:30	Meta-Analysis of Genome-Wide Association Studies Identifies Two New Susceptibility Loci for Intracerebral Hemorrhage 181 Daniel Woo , Univ of Cincinnati Coll of Med, Cincinnati, OH Jonathan Rosand, Massachusetts General Hosp, Boston, MA	
8:42	"Spot" Sign vs "Dot" Sign as Predictor of Hemorrhagic Stroke Outcomes 182 Katherine O Brag , Tulane Univ Sch of Med, New Orleans, LA Ramy El Khoury, Tulane Univ Sch of Med, New Orleans, LA	
8:54	Discussion	

Short Break (9:00 am – 9:10 am)

FRIDAY, FEBRUARY 14 (9:10 am – 10:40 am)

Category	Acute Endovascular Treatment	Basic and Preclinical Neuroscience of Stroke Recovery
Session Title	Acute Endovascular Treatment Oral Abstracts II	Basic and Preclinical Neuroscience of Stroke Recovery Oral Abstracts II
Session Type	Abstract	Abstract
Room	Ballroom 20D	33
Moderator(s)	Michael D Hill, MD, MSc, FRCPC, Calgary, AB, Canada Marc Ribo, MD, PhD, Barcelona, Spain	Richard Milner, MD, La Jolla, CA Luther Creed Pettigrew, MD, MPH, Lexington, KY
9:10	Examining the Effect of Intra-Arterial Therapy on Outcomes in IV tPA Ineligible Ischemic Stroke Patients 183 Amrou Sarraj, UT Houston, Houston, TX Sean I Savitz, UT Houston, Houston, TX	Allogeneic Marrow Stromal Cells Show Differences in Activation After Exposure to Blood From Healthy Subjects versus Stroke Patients 190 Kaushik Parsha, Univ of Texas, Health Science Ctr, Houston, TX Sean I Savitz, Univ of Texas, Health Science Ctr, Houston, TX
9:22	Drivers of Costs Associated With Reperfusion Therapy in Acute Stroke: The IMS III Trial 184 Joseph P Broderick, Univ of Cincinnati, Cincinnati, OH	Optical Inhibition of Striatum Neuron Promotes Recovery After Ischemic Stroke 191 Guo Yuan Yang, Shanghai Jiaotong University, Shanghai, China
9:34	Risk-adjusted Comparison of Good Functional Outcome at 3 Months after Primary Endovascular Therapy or Intravenous Thrombolysis Alone. Results from an Observational, Population-based Study 185 Sònia Abilleira, Agency for Health Quality and Assessment of Catalonia (AHQAC), Barcelona, Spain Miquel Gallofré, Agency for Health Quality and Assessment of Catalonia (AHQAC), Barcelona, Spain	Bone Marrow Mononuclear Cells May Enhance Recovery After Stroke By Modulating the Microglial Response 192 Bing Yang, UT Medical School at Houston, Houston, TX Sean Savitz, UT Medical School at Houston, Houston, TX
9:46	Effectiveness of Endovascular Recanalization for Acute Stroke: A Transition Toward Superiority Over Intravenous Thrombolysis 186 Beom Joon Kim, Seoul Natl Univ Bundang Hosp, Seongnam-si, Gyeonggi-do, Korea, Republic of Hee-Joon Bae, Seoul Natl Univ Bundang Hosp, Seongnam-si, Korea, Republic of	Imaging Biomarkers to Predict Fluency and Naming in Chronic Nonfluent Aphasic Patients 193 Gottfried Schlaug, Beth Israel Deaconess Med Ctr, Boston, MA
9:58	Impact of General Anesthesia on Safety and Outcomes in the Endovascular Arm of IMS III 187 Alex Abou-Chebl, Univ of Louisville Sch of Med, Louisville, KY Joseph P Broderick, Univ of Cincinnati, Cincinnati, OH	BDNF Knockdown Abrogates AT1 Blockade -Induced Improvement in Stroke Outcome 194 Abdelrahman Fouda, Univ of Georgia – Coll of Pharmacy, Augusta, GA Susan C Fagan, Univ of Georgia - Coll of Pharmacy, Augusta, GA
10:10	Correlation of Angiographic Capillary Index Score (CIS) with Diffusion and Perfusion MR Imaging in the DEFUSE 2 Trial 188 Michael P Marks, Stanford Univ Med Ctr, Stanford, CA Greg W Albers, Stanford Univ Med Ctr, Stanford, CA	Simvastatin Rescues Impaired Angiogenesis Potential of Cerebrovascular Endothelial Cells by AGEs : The Role of Autophagy 195 Xuwei Hou, Hangzhou First People Hospital, Hangzhou, China Ningfu Wang, Hangzhou First People Hospital, Hangzhou, China
10:22	STAR: CT and MR Perfusion Imaging and Good Outcomes in Endovascular Stroke Treatment 189 David S Liebeskind, UCLA, Los Angeles, CA Raul G Nogueira, Emory Univ Sch of Med, Atlanta, GA	Human Recombinant Peptide (RCP) Sponge Enables Novel Noninvasive Cell Therapy for Ischemic Stroke 196 Michiyuki Miyamoto, Hokkaido Univ, Sapporo, Japan Kiyohiro Houkin, Hokkaido Univ, Sapporo, Japan
10:34	Discussion	Discussion

Category	Vascular Biology in Health and Disease	Nursing
Session Title	Does Protecting the Brain from Stroke and Its Neurodegenerative Effects Have Its Origins in Youth?	Stroke Family Caregivers: Research, Resources and Policy
Session Type	Invited Symposium	Invited Symposium
Room	Ballroom 20A	28A-D
Moderator(s)	Joanna Wardlaw, MD, Edinburgh, United Kingdom Virginia J Howard, PhD, FAHA, Birmingham, AL	Margaret Kelly-Hayes, EdD, RN, FAAN, Boston, MA Elaine T Miller, DNS, RN, CRRN, FAHA, FAAN, Cincinnati, OH
9:10	Epigenetic and Environmental Effects on Brain Development: A Link to Late Life Disease Jonathan Rosand, MD, Boston, MA	Common Needs and Concerns Expressed by Stroke Family Caregivers: Implications for Future Research Tamelyn Bakas, PhD, RN, FAHA, FAAN, Westfield, IN
9:29	Investments in Children's Cognitive Development and Long-term Vascular Risk: What Do We Know? Maria Glymour, ScD, San Francisco, CA	(9:25) Assessing Stroke Caregiver Outcomes for Research and Practice: What Quality Measures Exist? Rosemarie B King, RN, PhD, FAHA, Chicago, IL
9:48	What Risk Factors in Youth Predict Vascular Disease in Old Age: Why? George Howard, DPH, FAHA, Birmingham, AL	(9:40) Impact of Stroke on the Whole Family System: Looking Beyond the Caregiver Joan S Grant, DSN, RN, CS, Birmingham, AL
10:07	White Matter Integrity, Genetics and Brain Vascular Disease: Genetic, Epigenetic and Environmental Predictors of Vulnerability Peter Kochunov, PhD, Baltimore, MD	(9:55) Resources, Policy and Future Directions to Support Stroke Family Caregivers Barbara Lutz, PhD, RN, CRRN, FAHA, Wilmington, NC
10:25	Discussion	(10:10) Stroke Family Caregiving: An International Perspective Anu Berg, PhD, Lappeenranta, Finland

Short Break (10:40 am – 11:00 am)

FRIDAY, FEBRUARY 14 (9:10 am – 10:40 am)

Category	Emergency Care/Systems	SAH and Other Neurocritical Management
Session Title	Emergency Care/Systems Oral Abstracts II	SAH and Other Neurocritical Management Oral Abstracts
Session Type	Abstract	Abstract
Room	30A-D	31
Moderator(s)	Octavio M Pontes Neto, MD, PhD, Ribeirao Preto, Brazil Jennifer Juhl Majersik, MD, Salt Lake City, UT	May A Kim-Tenser, MD, Los Angeles, CA Jose Suarez, MD, Houston, TX
9:10	The TeleStroke Mimic (TM) Score: A Prediction Rule for Identifying Stroke Mimics Evaluated in a Telestroke Network 197 Syed F Ali , Massachusetts General Hosp/Harvard Medical Sch, Boston, MA Lee H Schwamm, Massachusetts General Hosp/Harvard Medical Sch, Boston, MA	Xe-Loaded Liposome Reduces Bleeding With Neuroprotection From Early Injury in Subarachnoid Hemorrhagic Stroke 204 Tao Peng , UT Health Science Ctr at Houston, Houston, TX Shao-Ling Huang, UT Health Science Ctr at Houston, Houston, TX
9:22	Robotic Telepresence versus Standardly Supervised Stroke Alert Team Assessments 198 Cumara B O'Carroll , Mayo Clinic Arizona, Phoenix, AZ Bart M Demaerschalk, Mayo Clinic Arizona, Phoenix, AZ	Association of Statin Use With the Risk of Subarachnoid Hemorrhage in Medicare Patients With Unruptured Cerebral Aneurysms 205 Kimon Bekelis , Dartmouth-Hitchcock Medical Ctr, Lebanon, NH Nancy Morden, The Dartmouth Inst for Health Policy and Clinical Practice, Lebanon, NH
9:34	Antihypertensive Utilization in Hyperacute Intracerebral Hemorrhage Presenting to the Emergency Room 199 Abraham Flinders , Keck Sch of Med, Los Angeles, CA Jeffrey L Saver, UCLA Stroke Ctr, Los Angeles, CA	Intraarterial (IA) Therapy of Cerebral Vasospasm: Comparison of Single Agent vs Multiple Agent Infusion 206 Peng Roc Chen , Univ of TX Medical Sch at Houston, Houston, TX Imo Aisiku, Brigham and Women's Hosp, Harvard Medical Sch, Boston, MA
9:46	Team of Neurohospitalists, Telestroke, and Nurse Stroke Coordinator Increases the Use of Intravenous Alteplase in a Community Hospital 200 H McCord Smith , St Mary's Healthcare System, Athens, GA David C Hess, Georgia Regents Univ, Augusta, GA	Hospital Case Volume is Associated With Mortality in Patients Hospitalized With Subarachnoid Hemorrhage 207 Shyam Prabhakaran , Northwestern Univ, Chicago, IL Lee H Schwamm, Massachusetts General Hosp, Boston, MA
9:58	Prevalence of Unsuspected Renal Insufficiency in Stroke Patients Presenting to the Emergency Department: A Population-Based Assessment 201 Aaron W Grossman , Univ of Cincinnati, Cincinnati, OH Dawn O Kleindorfer, Univ of Cincinnati, Cincinnati, OH	Pharmacologic Thromboprophylaxis Reduces the Odds of Venous Thromboembolism in Patients With Hemorrhagic Stroke 208 William M Coplin , St Anthony Hosp, Lakewood, CO David Bar-Or, St Anthony Hosp, Lakewood, CO
10:10	Door-to-needle-time at 20 Minutes is Feasible and Safe 202 Sille M Henriksen , Copenhagen Univ Hosp, Bispebjerg, Copenhagen, Denmark Hanne K Christensen, Copenhagen Univ Hosp, Bispebjerg, Copenhagen, Denmark	Association Between Pharmacologic Thromboprophylaxis and Hemorrhage Progression in Patients With Hemorrhagic Stroke 209 William M Coplin , St Anthony Hosp, Lakewood, CO David Bar-Or, St Anthony Hosp, Lakewood, CO
10:22	Emergent Brain Imaging for Acute Ischemic Stroke in Veterans Health Administration Hospitals 203 Kori Sausser , Univ of Michigan, Ann Arbor, MI Deborah A Levine, Univ of Michigan, Ann Arbor, MI	A Phase I Clinical Trial of Sildenafil for the Treatment of Cerebral Vasospasm Following Subarachnoid Hemorrhage 210 Gregory Zipfel , Washington Univ in St Louis, St Louis, MO
10:34	Discussion	Discussion

Category	Cerebral Large Artery Disease	
Session Title	Symptomatic Carotid Stenosis: Are We Ready to Study Aggressive Medical Therapy? (Debate)	For changes to the program made since the Final Program went to print, please check the online Program/Itinerary Planner located on the ISC Web site at strokeconference.org. The Oral Abstracts list the Presenting Author (first in bold) and the Senior Author (last) of the abstract. For the complete Author Block of an abstract (including the Conflict of Interest information), please check the online Program/Itinerary Planner on the ISC Web site at strokeconference.org or the ISC abstracts online in the <i>Stroke</i> journal. The number listed immediately after the abstract's title is the abstract's presentation number.
Session Type	Debate	
Room	Ballroom 20BC	
Moderator(s)	J David Spence, MD, London, ON, Canada	
9:10	Optimizing Therapeutic Choices in Symptomatic Carotid Stenosis Robert E Harbaugh, MD, Hershey, PA	
9:35	Can We Identify High and Low Risk Patients with Carotid Stenosis? Hugh Markus, MD, FRCP, Cambridge, United Kingdom	
10:00	Can We Be Sure That SAMMPRIS-style Medical Therapy Is Sufficient in Low Risk Patients with Carotid Stenosis Martin M Brown, MA, MD, FRCP, London, United Kingdom	
10:25	Discussion	

Short Break (10:40 am – 11:00 am)

FRIDAY, FEBRUARY 14 (11:00 am – 1:00 pm)

	Plenary Session	
Session Title	Plenary Session III	
Session Type	Plenary	
Room	Hall E	
Moderator(s)	Steven M Greenberg, MD, PhD, FAHA, Boston, MA Kyra Becker, MD, FAHA, Seattle, WA	
11:00	The Next Big Thing in Stroke (at Lightning Speed)	S Claiborne Johnston, MD, FAHA, San Francisco, CA
11:06		A Gregory Sorensen, MD, Washington DC
11:12		S Thomas Carmichael, MD, PhD, Los Angeles, CA
11:18		Jeffrey L Saver, MD, FAHA, FAAN, Los Angeles, CA
11:24		Monique M B Breteler, MD, PhD, Bonn, Germany
11:30		Ulrich Dirnagl, MD, Berlin, Germany
11:36		Hugh Markus, MD, FRCP, Cambridge, United Kingdom
11:42		Lawrence Wong, MD, Shatin, Hong Kong
11:48		Leigh R Hochberg, MD, PhD, Boston, MA
11:54		Walter Koroshetz, MD, FAAN, Bethesda, MD
12:00	Introduction of the William M Feinberg Award Steven M Greenberg, MD, PhD, FAHA, Boston, MA	
12:03	William M Feinberg Award for Excellence in Clinical Stroke: Hemodynamics and Stroke Risk in Carotid Artery Occlusion William J Powers, MD, FAHA, Chapel Hill, NC	
12:23	Keynote Oral Abstracts	Transcranial Doppler is Superior to Echocardiography for Detection of Patent Foramen Ovale LB10 J David Spence , Roberts Res Inst, Western Univ, London, ON, Canada
12:35		Cryptogenic Stroke and Underlying Atrial Fibrillation (CRYSTAL AF) LB11 Richard A Bernstein , Northwestern Medical Sch, Chicago, IL Katherine Lindborg, Medtronic, Inc, Mounds View, MN
12:47		Improving Door-to-Needle Times in Acute Ischemic Stroke: Principal Results from the Target: Stroke Initiative LB12 Gregg C Fonarow , UCLA Medical Ctr, Los Angeles, CA Lee H Schwamm, Massachusetts General Hosp, Boston, MA
12:59	ISC 2015 Program Chair's Closing Remarks Kyra Becker, MD, FAHA, Seattle, WA	

Start Planning Now for the International Stroke Conference 2015 in Nashville, Tennessee!

CALL FOR SCIENCE

Thank you for attending the International Stroke Conference 2014. Please don't forget these important dates for the International Stroke Conference 2015:

Submit Session Ideas

Suggested Session Submitter Opens: Monday, Feb 10, 2014
Suggested Session Submitter Closes: Monday, March 10, 2014

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Submit Abstracts

Submission Opens: Wednesday, May 21, 2014
Submission Closes: Tuesday, Aug 12, 2014

Submit Late-Breaking Science and Ongoing Clinical Trials Abstracts

Submission Opens: Wednesday, Oct 8, 2014
Submission Closes: Wednesday, Nov 5, 2014

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

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



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SECTION 1

MODERATED POSTERS

E-POSTER KIOSK

E-POSTER KIOSK

POSTER ATTENDANT

NG CLINICAL TRIALS

LATE - BREAKING SCIENCE

POSTER ABSTRACT PRESENTATIONS

WEDNESDAY, FEBRUARY 12
5:15 PM – 6:45 PM
HALL G

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

Moderated Posters W MP1 –
W MP120; see pg 48 – pg 54 in the
Poster Abstract Index for a complete
listing of all the posters in this
Wednesday Professor-Led Poster Tour
session.

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

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

Posters W P1 – W P374; see pg 55 –
pg 72 in the Poster Abstract Index for
a complete listing of all the posters in
this Wednesday session.

PPS 1 – PPS 3; see pg 72 in the
Poster Abstract Index for a complete
listing of all the posters in this special
Wednesday session. These posters
contain relevant and important
science that was either previously
published (print or online) or was
previously presented at another
meeting prior to the International
Stroke Conference 2014.

Late-Breaking Science Posters LB P1
– LB P24; see pg 97 – pg 98 in the
Poster Abstract Index for a complete
listing of all of the Late-Breaking
Science posters in this Wednesday
session.

THURSDAY, FEBRUARY 13
5:15 PM – 6:45 PM
HALL G

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

Moderated Posters T MP1 –
T MP120; see pg 72 – pg 79 in the
Poster Abstract Index for a complete
listing of all the posters in this
Thursday Professor-Led Poster Tour
session.

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

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

Posters T P1 – T P368; see pg 79 –
pg 96 in the Poster Abstract Index for
a complete listing of all the posters in
this Thursday session.

Ongoing Clinical Trials Posters CT
P1 – CT P53; see pg 98 – pg 101
in the Poster Abstract Index for a
complete listing of all of the Ongoing
Clinical Trials Posters in this Thursday
session.

PROFESSOR-LED POSTER TOURS AND POSTER SESSIONS

During the ISC 2014 poster sessions, there will be both Professor-Led Poster Tours and Regular Poster Sessions. The Professor-Led Poster Tours are organized by poster category. Leaders in the stroke field will take groups of conference attendees around 12 speaker-attended posters ordered by category. Each poster presenter will have approximately 2 minutes to present the highlights of his or her work, followed by 3 minutes for a Q&A from attendees. There are 10 different poster tours to select from during each Poster Tour Session.

To be a part of a Poster Tour, please turn to pg 48 (Wednesday) and pg 72 (Thursday) in the Poster Abstracts section of the Final Program and decided which section/category of posters you would like to attend during each of the two Poster Tour Sessions. Five – ten minutes prior to the Poster Tour Session start time, simply go to the correspondingly numbered “Section” sign for that section/category of posters.

During the Regular Poster Sessions, poster presenters will stand by their poster for individual Q&A time with attendees; they will not give a formal presentation. These posters are separate and not a part of the Professor-Led Poster Tours. To see the posters in the Regular Poster Session, please turn to pg 55 (Wednesday) and pg 79 (Thursday) in the Poster Abstracts section of the Final Program.

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

PROFESSOR-LED POSTER TOURS BY CATEGORY: SESSION I

WEDNESDAY, FEBRUARY 12

5:15 PM – 6:15 PM

Hall G

**Acute Endovascular Treatment and
Nursing Moderated Poster Tour**

W MP1 – W MP12

SECTION 1

Moderators: Dileep R Yavagal, MD, Miami, FL
Virginia S Daggett, PhD, RN Indianapolis, IN

Poster Board Number MP1 / Presentation Number W MP1

Leadership + Education = Quality

Deb S Motz, Johanna A Sharp, Thelma Garcia, Dicky Huey, Lori Czekaj, Tommye Austin, Baptist Health System, San Antonio, TX

Poster Board Number MP2 / Presentation Number W MP2

Daily Goals Poster Supports Effective Patient Education

Deb S Motz, Johanna A Sharp, Thelma Garcia, Tracy Moore, Dicky Huey, Tommye Austin, Baptist Health System, San Antonio, TX

Poster Board Number MP3 / Presentation Number W MP3

**Modifiable Risk Factors of Stroke and Psychosocial Health Factors Among
Community-Residing Adults With Prehypertension**

Hee-Young Song, Dept of Nursing, Wonju, Korea, Republic of

Poster Board Number MP4 / Presentation Number W MP4

**Psychometric Evaluation of an Instrument to Assess Perceived Benefits and
Barriers to Exercise for Stroke Prevention among African Americans**

Dawn Aycock, Patricia Clark, GEORGIA STATE UNIVERSITY, Atlanta, GA

Poster Board Number MP5 / Presentation Number W MP5

**The Global Impact of Recent Intra-Arterial Therapy (IAT) Randomized
Controlled Trials on Current and Future Stroke Practice**

Amrou Sarraj, Wafi Bibars, UT Houston, Houston, TX; Amelia K Boehme, Univ of Alabama, Birmingham, AL; Sheryl Martin-Schild, Tulane Univ, New Orleans, LA; James C Grotta, Sean I Savitz, UT Houston, Houston, TX

Poster Board Number MP6 / Presentation Number W MP6

**Pre-treatment Neuroimaging Is Critical To Identify Acute Stroke Patients With
Large Infarcts Unlikely to Respond to Endovascular Therapy**

Don Frei, Swedish Medical Ctr, Englewood, CO; Albert Yoo, Massachusetts General Hosp, Boston, MA; Donald Heck, Forsyth Medical Ctr, Winston-Salem, NC; Frank Hellinger II, Florida Hosp, Orlando, FL; Vance McCollom, Mercy Health Ctr, Oklahoma City, OK; David Fiorella, Stony Brook Medical Ctr, Stony Brook, NY; Aquilla Turk III, Medical Univ of South Carolina, Charleston, SC; Tim Malisch, Alexian Brothers Medical Ctr, Elk Grove Village, IL; Osama Zaidat, Medical Coll of Wisconsin, Milwaukee, WI; Michael Alexander, Cedars-Sinai Medical Ctr, Los Angeles, CA; Tom Devlin, Erlanger Health System, Chattanooga, TN; Elad Levy, Kaleida Health, Buffalo, NY; Qaisar Shah, Abington Memorial Medical Ctr, Abington, PA; Ferdinand Hui, Cleveland Clinic, Cleveland, OH; Mayank Goyal, Alberta Health Services, Calgary, AB, Canada; Raj Ghodke, Harborview Medical Ctr, Seattle, WA; Ali Shaibani, Northwest Community Hosp, Arlington Heights, IL; Mark Harrigan, Univ of Alabama at Birmingham, Birmingham, AL; Tudor Jovin, UPMC Health System, Pittsburgh, PA; Michael Madison, St Joseph's HealthEast – St Paul, St Paul, MN; Zeshan Chaudhry, Ramon Gonzalez, Massachusetts General Hosp, Boston, MA; Leticia Barraza, Arani Bose, Siu Po Sit, Penumbra, Inc, Alameda, CA; START Investigators

Poster Board Number MP7 / Presentation Number W MP7

**Predictors and Implications of Capacity to Provide Informed Consent for Acute
Ischemic Stroke Treatment Trials**

Hari Kishan R Indupuru, Loren Shen, Amber N Jacobs, Chunyan Cai, James C Grotta, Andrew D Barreto, Univ of Texas Health Science Ctr at Houston, Houston, TX

Poster Board Number MP8 / Presentation Number W MP8

**The Natural History of Acute Ischemic Stroke from Large Vessel Proximal
Occlusion: A Comparison with the IMS III Patients**

Vallabh Janardhan, Alex Venizelos, Ryan M Gianatasio, Sherman H Chen, Parita Bhuva, Mark M Murray, Madhu B Vijayappa, Paul A Hansen, Anita Guthmann, Texas Stroke Inst, Dallas-Fort Worth, TX; Raymond Cheung, Queen Mary Hosp, Hong Kong, China; Thomas Leung, Prince of Wales Hosp, Hong Kong, China; Lynne Ammar, Denise Myer, Christina To, Sophia S Kuo, Hope Buell, Leticia Barraza, Arani Bose, Siu Po Sit, Penumbra, Inc, Alameda, CA; Penumbra FIRST Trial Investigators

Poster Board Number MP9 / Presentation Number W MP9

Early Reperfusion with a Stentriever Device: A First Step to Superior Outcomes in TREVO2

David S Liebeskind, Fabien Scalzo, UCLA, Los Angeles, CA; Nerses Sanossian, USC, Los Angeles, CA; Bin Xiang, Prospect Analytical, Inc, San Jose, CA; Rishi Gupta, UCLA, Marietta, GA; Tudor G Jovin, UPMC Stroke Inst, Pittsburgh, PA; Gregory W Albers, Stanford Univ Medical Ctr, Stanford, CA; Helmi L Lutsep, Oregon Stroke Ctr OHSU, Portland, OR; Wade S Smith, Univ of California San Francisco, San Francisco, CA; Raul G Nogueira, Emory Univ Sch of Med, Atlanta, GA; for the TREVO2 Investigators

Poster Board Number MP10 / Presentation Number W MP10

The Prognostic Value of Age and NIH Stroke Scale in Predicting the Outcomes of Endovascular Stroke Therapy in the STAR Registry; Validation of the SPAN-100 score

Mohammed A Almekhlafi, Univ of Calgary & King Abdulaziz Univ, Calgary, AB, Canada; Antoni Davalos, Univ Hosp Germans Trias i Pujol, Badalona, Spain; Alain Bonafe, CHU de Montpellier – Guy de Chauliac, Montpellier, France; Rene Chapot, Alfred Krupp Krankenhaus, Essen, Germany; Jan Gralla, Univ of Bern, Bern, Switzerland; Vitor Mendes Pereira, Univ Hosp of Geneva, Geneva, Switzerland; Mayank Goyal, Univ of Calgary, Calgary, AB, Canada

Poster Board Number MP11 / Presentation Number W MP11

Post Stroke Emotional Dysfunction and Fatigue Are Related to Tryptophan Hydroxylase 2 Polymorphisms

Smi Choi-Kwon, Mi Hye Ko, Sunyoung Choi, Seoul Natl Univ, Seoul, Korea, Republic of; Js Kim, Asan Medical Ctr, Seoul, Korea, Republic of

Poster Board Number MP12 / Presentation Number W MP12

Changing Policies for Blood Pressure Management in Spontaneous Intracerebral Hemorrhage

Jill Slater, Holly Morhaim, Steven Rudolph, Maimonides Medical Ctr, Brooklyn, NY

Acute Neuroimaging Moderated Poster Tour W MP13 – W MP24

SECTION 2

Moderator: Lawrence L Latour, PhD, Bethesda, MD

Poster Board Number MP13 / Presentation Number W MP13

Missed Imaging Diagnosis Without CT Perfusion May Affect Clinical Decision for TPA and Thrombectomy in Acute Stroke

Sarah W Meng, Xiang Liu, Michael Hewitt, Christiana Care Health Services, Wilmington, DE

Poster Board Number MP14 / Presentation Number W MP14

Early Infarct Growth Predicts Long-term Clinical Outcome in Ischemic Stroke

Seung Min Kim, Deok Hee Lee, Sun U Kwon, Sang Joon Kim, Jong S Kim, Dong-Wha Kang, Asan Medical Ctr, Univ of Ulsan Coll of Med, Seoul, Korea, Republic of

Poster Board Number MP15 / Presentation Number W MP15

A Novel Magnetic Resonance Imaging Approach for Collateral Flow Imaging in Ischemic Stroke

Suk Jae Kim, Samsung Medical Ctr, Seoul, Korea, Republic of; Jeong Pyo Son, Samsung Biomedical Res Inst, Seoul, Korea, Republic of; Sookyoung Ryoo, Chang Hyo Yoon, Jihoon Cha, Gyeong-Moon Kim, Chin-Sang Chung, Kwang Ho Lee, Oh Young Bang, Samsung Medical Ctr, Seoul, Korea, Republic of

Poster Board Number MP16 / Presentation Number W MP16

Lower Apparent Diffusion Coefficient Ratio Predicts Increased Swelling After Ischemic Stroke

Thomas W Battey, Mahima Karki, Ona Wu, Aneesh B Singhal, Massachusetts General Hosp, Boston, MA; Kevin N Sheth, Yale New Haven Hosp, New Haven, CT; W Taylor Kimberly, Massachusetts General Hosp, Boston, MA

Poster Board Number MP17 / Presentation Number W MP17

Basilar Plaque on High Resolution Mri Predicts Early Neurologic Deterioration After Pontine Infarction

Hyun Young Kim, Young Seo Kim, Kyu-Yong Lee, Seong-Ho Koh, Coll of Med, Hanyang Univ, Seoul, Korea, Republic of; Sung Hyuk Heo, Dae-Il Chang, Coll of Med, Kyung Hee Univ, Seoul, Korea, Republic of; Yeong-Bae Lee, Coll of Med, Gachon Univ, Incheon, Korea, Republic of

Poster Board Number MP18 / Presentation Number W MP18

Baseline-24h CT ASPECTS Mismatch A Predictor Variable of Successful Thrombectomy

Pedro Cardona, Helena Quesada, Luis Cano, Blanca Lara, Paloma Mora, Sonia Aixut, Lucia Aja, Bellvitge Univ Hosp, Barcelona, Spain; Ana Escrig, Parc Sanitari Sant Joan de Deu, Sant Boi, Spain; Maria Angeles De Miquel, Francisco Rubio, Bellvitge Univ Hosp, Barcelona, Spain

Poster Board Number MP19 / Presentation Number W MP19

MRI Voxel-Based Profiling of Tissue Viability and Ischemia in Acute Ischemic Stroke: Elimination of Time as a Treatment Barrier?

Aaron P Tansy, Fabien Scalzo, Sidney Starkman, Latisha K Ali, Doojin Kim, Paul M Vespa, Neal M Rao, Anil Yallapragada, Jeffrey R Alger, Noriko Salamon, Jeffrey L Saver, David S Liebeskind, UCLA Sch of Med, Los Angeles, CA; for the UCLA Stroke Investigators

Poster Board Number MP20 / Presentation Number W MP20

PerfAngio: A Software Solution for Quantitative Perfusion Angiography

Fabien Scalzo, Amrit S Ahluwalia, Zibing Huang, Gary Ren, David S Liebeskind, UCLA, Los Angeles, CA

Poster Board Number MP21 / Presentation Number W MP21

Contrast Staining on Ct After Endovascular Treatment for Acute Ischemic Stroke: Association With Worse Outcomes

Esteban Cheng-Ching, Muhammad S Hussain, Gabor Toth, Nancy Obuchowski, Shumei Man, Dolora Wisco, Ken Uchino, Ferdinand Hui, Cleveland Clinic, Cleveland, OH

Poster Board Number MP22 / Presentation Number W MP22

Hyperdense MCA Sign as a Recanalization And Outcomes Predictor Of IA Thrombectomy

Anat Horev, UPMC, Pittsburgh, PA; David G Romero, La Fe, Valencia, Spain; Brian T Jankowitz, Amin Aghaebrahim, Cynthia L Kenmuir, Ashutosh Jadhav, Tudor G Jovin, UPMC, Pittsburgh, PA

Poster Board Number MP23 / Presentation Number W MP23

About 30% Of Wake-up Stroke Patients May Be Candidate For The tPA Therapy Using Negative-FLAIR As A Tissue Clock

Koichiro Nagai, Kazumi Kimura, Junya Aoki, Kensaku Shibazaki, Takuya Ebata, Takahiro Sato, Naoki Saji, Junichi Uemura, Kawasaki Medical Sch, kurashiki-city okayama, Japan

Poster Board Number MP24 / Presentation Number W MP24

Modified Tibi (Thrombolysis in Brain Ischemia) Grading System for Assessment of Abnormal Residual Flow at Site of Intracranial Occlusion in Acute Ischemic Stroke

Aftab Ahmad, Univ Of Alberta Hosp, Edmonton, AB, Canada; Vijay Kumar Sharma, Natl Univ Health System, Singapore, Singapore; Khurshid Khan, Univ Of Alberta Hosp, Edmonton, AB, Canada; Andrei V Alexandrov, Univ of Alabama Hosp, Birmingham, AL; Georgios Tsigioulis, Univ of Athens, Athens, Greece; Ashfaq Shuaib, Maher Saqqur, Univ Of Alberta Hosp, Edmonton, AB, Canada

Aneurysm and SAH and Other Neurocritical Management Moderated Poster Tour W MP25 – W MP36

SECTION 3

Moderators: TBD

Poster Board Number MP25 / Presentation Number W MP25

Stroke Outcomes in Patients Receiving Extracorporeal Membranous Oxygenation

Deena Nasr, Alejandro Rabinstein, Mayo Clinic, Rochester, MN

Poster Board Number MP26 / Presentation Number W MP26

Intracranial Pressure Waveforms Indicate Vasodilation During Remote Ischemic Conditioning

Robert Hamilton, Mark Connolly, Xiao Hu, Nestor R Gonzalez, UCLA, Los Angeles, CA

Poster Board Number MP27 / Presentation Number W MP27

Time to Peak Troponin T Levels Following Subarachnoid Hemorrhage

Katherine Duello, Jay P Nagel, William D Freeman, Joseph L Blackshear, David A Miller, Mayo Clinic Florida, Jacksonville, FL

Poster Board Number MP28 / Presentation Number W MP28

Early Elevation of Plasma Soluble Fms-Like Tyrosine Kinase-1 is Associated With Poor Functional Outcome After Subarachnoid Hemorrhage

Sherry H-Y Chou, Steven K Feske, Brigham and Women's Hosp, Harvard Medical Sch, Boston, MA; Sarah Suh, Kristina Lieu, Brigham and Women's Hosp, Boston, MA; Rose Du, Galen V Henderson, Farzaneh A Sorond, Brigham and Women's Hosp, Harvard Medical Sch, Boston, MA; Eng H Lo, MingMing Ning, Massachusetts General Hosp; Harvard Medical Sch, Boston, MA

Poster Board Number MP29 / Presentation Number W MP29

CSF MicroRNA-181b is Associated With Poor 6-Month Outcome Following Subarachnoid Hemorrhage

Sherry H-Y Chou, Basak Icli, Brigham and Women's Hosp; Harvard Medical Sch, Boston, MA; Meghan Cahill, Brigham and Women's Hosp, Boston, MA; Rose Du, Brigham and Women's Hosp; Harvard Medical Sch, Boston, MA; Sarah Suh, Brigham and Women's Hosp, Boston, MA; Galen V Henderson, Farzaneh A Sorond, Steven K Feske, Brigham and Women's Hosp; Harvard Medical Sch, Boston, MA; Eng H Lo, MingMing Ning, Massachusetts General Hosp; Harvard Medical Sch, Boston, MA; Mark W Feinberg, Brigham and Women's Hosp; Harvard Medical Sch, Boston, MA

Poster Board Number MP30 / Presentation Number W MP30

Safety of Unfractionated Heparin for Venous Thromboembolism Prophylaxis in Patients With Aneurysmal Subarachnoid Hemorrhage

Airton Leonardo Manoel, Alberto Goffi, David Turkel-Parrella, Victoria McCredie, David Ben-Israel, Simon Abrahamson, Univ of Toronto, Toronto, ON, Canada

Poster Board Number MP31 / Presentation Number W MP31

Thrombotic and Hemorrhagic Complications After Pipeline Embolization – A Platelet Aggregation and Transcranial Doppler Study

Radoslav Raychev, UCLA Stroke Ctr, Los Angeles, CA; Satoshi Tateshima, Fernando Vinuela, Reza Jahan, Nestor Gonzalez, Viktor Szeder, Amit Bagude, Angelos Konstas, Gary Duckwiler, UCLA Stroke center, Los Angeles, CA

Poster Board Number MP32 / Presentation Number W MP32

Localized Increase of Chemokines in the Lumen of Human Cerebral Aneurysms

Nohra Chalouhi, Thomas Jefferson Univ and Jefferson Hosp for Neuroscience, Philadelphia, PA; Lauren Points, Univ of Iowa, Philadelphia, PA; Gary L Pierce, Zuhair Ballas, Univ of Iowa, Iowa City, IA; Pascal Jabbour, Thomas Jefferson Univ and Jefferson Hosp for Neuroscience, Philadelphia, PA; David Hasan, Univ of Iowa, Iowa City, IA

Poster Board Number MP33 / Presentation Number W MP33

Brain and Aortic Aneurysm Screening – Cost-Effectiveness of Screening for Intracranial Aneurysms

Boxiang Jiang, Benjamin Z Ball, John R Gaughen Jr, Univ of Virginia, Charlottesville, VA; Robert D Brown Jr, Mayo Clinic, Rochester, MN; James C Torner, Univ of Iowa, Iowa City, IA; George J Stukenborg, Andrew M Southerland, Bradford B Worrall, Univ of Virginia, Charlottesville, VA

Poster Board Number MP34 / Presentation Number W MP34

Safety and Efficacy of Hydrosoft Coils in the Treatment of the Aneurysm Neck: Preliminary Results From the GEL THE NEC Registry

Waleed Brinjikji, Beth B Connelly, Mayo Clinic, Rochester, MN; David Tubman, Abbott Northwestern Hosp, Minneapolis, MN; Brian Hoh, Univ of Florida, Gainesville, FL; Mary E Jensen, Univ of Virginia, Charlottesville, VA; Michael Kelly, Univ of Saskatchewan, Saskatoon, SK, Canada; Pascal Jabbour, Thomas Jefferson Univ, Philadelphia, PA; Imran M Chaudry, Univ of South Carolina, Charleston, SC; Ferdinand Hui, Cleveland Clinic, Cleveland, OH; David F Kallmes, Mayo Clinic, Rochester, MN

Poster Board Number MP35 / Presentation Number W MP35

Localized Increase of Myeloperoxidase in the Lumen of Human Cerebral Aneurysms

David M Hasan, Yi Chu, William M Nauseef, Gary L Pierce, Univ of Iowa, Iowa City, IA; Guangjie Cheng, Univ of Alabama Sch of Med, Birmingham, AL; Lauren Wegman-Points, Ricardo A Pena Silva, Donald D Heistad, Univ of Iowa, Iowa City, IA

Poster Board Number MP36 / Presentation Number W MP36

The Phenomenon of Delayed Pipeline Embolization Device Migration: Technical Considerations, Complication Avoidance, and Management

Nohra Chalouhi, Stavropoula Tjoumakaris, L Fernando Gonzalez, David Hasan, Peter Pema, Grahame Gould, Robert Rosenwasser, Pascal Jabbour, Thomas Jefferson Univ, Philadelphia, PA

Basic and Preclinical Neuroscience of Stroke Recovery Moderated Poster Tour

W MP37 – W MP48

SECTION 4

Moderators: Joseph C LaManna, PhD, Cleveland, OH
Gregory Bix, MD, PhD, Lexington, KY

Poster Board Number MP37 / Presentation Number W MP37

A Novel Homocysteine Inhibitor Enhances Neurological Recovery after Cerebral Ischemia in Mice and Non-Human Primates

Hiroko Suzuki, Daisuke Fukudome, Satoshi Yuki, Mitsubishi Tanabe Pharma Corp, Yokohama, Japan

Poster Board Number MP38 / Presentation Number W MP38

Apolipoprotein A-I (ApoA-I) Mimetic Peptide, D-4F, Regulates miRNA Expression and Improves Functional Outcome after Stroke in Diabetic Rats

Ruizhuo Ning, Michael Chopp, Alex Zacharek, Tao Yan, Cynthia Roberts, Jieli Chen, Henry Ford Hosp, Detroit, MI

Poster Board Number MP39 / Presentation Number W MP39

Basic Fibroblast Growth Factor After Ischemic Stroke In Diabetic Patients – Research For Biomarkers In Ischemic Stroke (REBIOS) -

Kuniyuki Nakamura, Fukuoka Dental Coll Medical and Dental Hosp, Fukuoka, Japan; Tetsuro Ago, Koichi Arimura, Noriko Makihara, Ataru Nishimura, Ryu Matsuo, Yoshinobu Wakisaka, Junya Kuroda, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan; Tetsu Isomura, Hideto Awano, Kazuo Suzuki, Moleculence Corp, Yokohama, Japan; Yasushi Okada, Natl Hosp Organization Kyushu Medical Ctr, Fukuoka, Japan; Masahiro Kamouchi, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan; Hiroaki Ooboshi, Fukuoka Dental Coll Medical and Dental Hosp, Fukuoka, Japan; Takanari Kitazono, Graduate Sch of Medical Sciences, Kyushu Univ, Fukuoka, Japan

Poster Board Number MP40 / Presentation Number W MP40

Pyruvate Protects Post-Hypoxic Neuronal Cells and a Blood Brain Barrier Model From rTPA Toxicity

Myoung-Gwi Ryou, Gourav Roy Choudhury, Ali Winters, Loukun Xie, Robert T Mallet, Shao-hua Yang, UNT Health Science Ctr at Fort Worth, Fort Worth, TX

Poster Board Number MP41 / Presentation Number W MP41

Potential of Gaba-Mediated Synaptic Inhibition in the Recovery Phase: A Novel Therapeutic Target for Stroke

Takeshi Hiu, Nagasaki Univ, Nagasaki, Japan; Tonya Bliss, Jeanne Paz, Eric Wang, Zoya Farzampour, Andrew Olson, Kristina Micheva, Gordon Wang, Kevin Tran, Nathan Manley, Robin Lemmens, Yasuhiro Nishiyama, Ahmet Arac, Scott Hamilton, Nancy O'Rourke, Stephen Smith, John Huguenard, Gary Steinberg, Stanford Univ, Stanford, CA

Poster Board Number MP42 / Presentation Number W MP42

Early Treatment With Minocycline Promotes Neurovascular Remodeling of Tight Junctions Facilitating Recovery After Stroke in Rat Brain

Yi R Yang, Victor M Salayandia, Eduardo Y Estrata, Jeffrey F Thompson, Gary A Rosenberg, Yi Yang, Univ of New Mexico, Albuquerque, NM

Poster Board Number MP43 / Presentation Number W MP43

Fetal and Maternal Microchimeric Responses to Ischemic Stroke

Anita Patel, Rodney Ritzel, Sarah Pan, Louise McCullough, Univ of Connecticut, Farmington, CT

Poster Board Number MP45 / Presentation Number W MP45

Longitudinal MEG Measures for Cortical Reorganization Underlying Paretic Hand Recovery After Subacute Stroke

Chih-Wei Tang, I-Hui Lee, Natl Yang-Ming Univ, Taipei, Taiwan

Poster Board Number MP46 / Presentation Number W MP46

Beyond the Brain: Stroke Induces Vascular Breakdown and Unique Profiles of Peripheral Inflammatory Response in the Eye and Spinal Cord

Sarah Pan, Rodney Ritzel, Anita Patel, Richard Lieberman, Louise McCullough, UConn Health Ctr, Farmington, CT

Poster Board Number MP47 / Presentation Number W MP47

Mitochondrial P53 Inhibition Abolishes Detrimental Effect of Post-Stroke Isolation on Ischemic Injury

Venugopal Reddy venna, Lena M O'Keefe, Yan Xu, Rajkumar Verma, Anthony Patrizz III, Brett Friedler, Louise D McCullough, Univ of Connecticut health center, Farmington, CT

Poster Board Number MP48 / Presentation Number W MP48

Post-stroke Administration of Exogenous Inter-alpha Inhibitor Proteins is Neuroprotective

Venugopal Reddy Venna, Nickolas Mancini, Victoria Scranton, Anthony Patrizz III, Yow-Pin Lim, Louise D McCullough, Univ of Connecticut Health Ctr, Farmington, CT

SECTION 5

Moderators: Mai N Nguyen - Huynh, MD, Oakland, CA

Poster Board Number MP49 / Presentation Number W MP49

Carriage of the PIA2 Allele of Glycoprotein IIIa is Associated With an Increased Risk of Ischaemic Stroke: A Meta-Analysis

Ben H Ellis, Christopher N Floyd, Albert Ferro, King's Coll London, London, United Kingdom

Poster Board Number MP50 / Presentation Number W MP50

Risk Prediction of Incident Acute Ischemic Stroke (AIS): Pooled Data Analysis of Cohort Studies

Dilip K Pandey, UIC Coll of Med, Chicago, IL; Philip B Gorelick, Hauenstein Neuroscience Inst, Grand Rapids, MI

Poster Board Number MP51 / Presentation Number W MP51

ICD-9 Code Positive Predictive Value for Stroke Subtype in a Population-Based Epidemiology Study

Kathleen Alwell, Univ of Cincinnati, Cincinnati, OH; Jane C Khoury, Cincinnati Childrens Hosp Medical Ctr, Cincinnati, OH; Dawn O Kleindorfer, Charles J Moomaw, Jane Eilerman, Daniel Woo, Matthew Flaherty, Simona Ferioli, Felipe DeLos Rios La Rosa, Sharyl Martini, Brett M Kissela, Univ of Cincinnati, Cincinnati, OH

Poster Board Number MP53 / Presentation Number W MP53

Cerebrovascular Events Occurring After Hospital Discharge for Labor and Delivery

Nandita Sriram, Dominic A Hovsepian, Hooman Kamel, Babak B Navi, Weill Cornell Medical Coll, New York, NY

Poster Board Number MP54 / Presentation Number W MP54

Risk Factors for Nosocomial Infections after Intracerebral Hemorrhage and Their Impact on Outcome: The Ethnic/Racial Variations of Intracerebral Hemorrhage (ERICH) Study

Aaron Sylvan Lord, New York Univ Sch of Med, New York, NY; Mitchell S Elkind, Columbia Univ, New York, NY; Carl D Langefeld, Wake Forest Sch of Med, Winston-Salem, NC; Charles J Moomaw, Univ of Cincinnati Coll of Med, Cincinnati, OH; Neeraj Badjatia, Univ of Maryland Sch of Med, New York, NY; Padmini Sekar, Univ of Cincinnati Coll of Med, Cincinnati, OH; Anastasia Vashkevich, Jonathan Rosand, Massachusetts General Hosp, Boston, MA; Chelsea Kidwell, Georgetown Univ Medical Ctr, Washington, DC; Jennifer Osborne, Daniel Woo, Univ of Cincinnati Coll of Med, Cincinnati, OH

Poster Board Number MP55 / Presentation Number W MP55

Inflammatory Biomarkers and Incident Stroke in the Framingham Offspring Study

Ashkan Shoamanesh, Harvard Medical Sch, Boston, MA; Sarah R Preis, Boston Univ Sch of Public Health, Boston, MA; Alexa S Beiser, Boston Univ Sch of Public Health, Boston Univ Sch of Med, Boston, MA; Carlos S Kase, Philip A Wolf, Emelia J Benjamin, Jose R Romero, Sudha Seshadri, Boston Univ Sch of Med, Boston, MA

Poster Board Number MP56 / Presentation Number W MP56

Left Atrial Septal Pouch as a Stroke Risk Factor: Association With Cryptogenic Stroke

Jonathan Wong, California Pacific Medical Ctr, San Francisco, CA; Dawn Lombardo, UC Irvine Medical Ctr, Orange, CA; Nathan Wong, UC Irvine Sch of Med, Irvine, CA; Mark Fisher, UC Irvine Medical Ctr, Orange, CA

Poster Board Number MP57 / Presentation Number W MP57

Illicit Cocaine Use and Risk of Ischemic Stroke: The Stroke Prevention in Young Adults Study

Yu-Ching Cheng, Veterans Affairs Maryland Health Care System; Univ of Maryland Sch of Med, Baltimore, MD; Saad A Qadwai, Kathleen A Ryan, Univ of Maryland Sch of Med, Baltimore, MD; John W Cole, Steven J Kittner, Veterans Affairs Maryland Health Care System; Univ of Maryland Sch of Med, Baltimore, MD

Poster Board Number MP58 / Presentation Number W MP58

The Relationship Between Carotid Stiffness, Diastolic Diameter, and White Matter Hyperintensity Volume: <i>The Northern Manhattan Study</i>

Matthew S Markert, Kansas Univ Medical Ctr, Kansas City, KS; Chuanhui Dong, David Della-Morte, Eugene Roberts, Susanne Bartels, The Univ of Miami, Miami, FL; Mitchell S Elkind, Columbia Univ, New York, NY; Ralph L Sacco, Clinton B Wright, Tatjana Rundek, The Univ of Miami, Miami, FL

Poster Board Number MP59 / Presentation Number W MP59

Spanish Language Consent Process Increases Prehospital Clinical Trial Enrollment in the Hispanic Community

Samantha B Cherin, UCLA, Los Angeles, CA; Nerses Sanossian, USC, Los Angeles, CA; Latisha Ali, Lucas Restrepo, Miguel Valdes- Sueiras, UCLA, Los Angeles, CA; Scott Hamilton, Stanford Univ, Palo Alto, CA; Robin Conwit, Natl Insts of Health, Bethesda, MD; Marc Eckstein, Los Angeles Fire Dept, Los Angeles, CA; Franklin Pratt, Los Angeles County Fire Dept, Los Angeles, CA; Samuel Stratton, Univ of California, Irvine, CA; Sidney Starkman, Jeffrey L Saver, UCLA, Los Angeles, CA; For the FAST-MAG Investigators and Coordinators

Poster Board Number MP60 / Presentation Number W MP60

Atrial Fibrillation is Associated with Worse Collaterals in Acute Stroke:

Angiography in the ENDOSTROKE Registry

David S Liebeskind, UCLA, Los Angeles, CA; Christian H Nolte, Georg Bohner, Charité Hosp, Berlin, Germany; Tobias Neumann-Haefelin, Erich Hofmann, Klinikum Fulda, Fulda, Germany; Joachim Berkefeld, Oliver C Singer, Goethe Univ, Frankfurt, Germany; for the ENDOSTROKE Study group

SECTION 6

Moderators: James McKinney, MD, New Brunswick, NJ

Dana Leifer, MD, New York, NY

Poster Board Number MP61 / Presentation Number W MP61

Prevalence of Echocardiographic Abnormalities in Acute Ischemic Stroke

Bryan Eckerle, Univ of Cincinnati, Cincinnati, OH; Heidi Sucharew, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Kathleen Alwell, Charles J Moomaw, Matthew Flaherty, Sharyl Martini, Daniel Woo, Pooja Khatri, Opeolu Adeoye, Simona Ferioli, Brett M Kissela, Dawn O Kleindorfer, Univ of Cincinnati, Cincinnati, OH

Poster Board Number MP62 / Presentation Number W MP62

Plaque Heterogeneity of Carotid Artery Stenosis Measured by 3D Ultrasonography and the Gray Scale Median is Predictive of Cerebrovascular Events

Roland-Richard Macharzina, Julia Helm, Alexa Böhrsch, Anna Grabs, Univ Heart Ctr Freiburg – Bad Krozingen, Bad Krozingen, Germany; Roman Sztajcel, Univ of Geneva, Geneva, Switzerland; Werner Vach, Inst of Medical Biometry, Univ of Freiburg, Freiburg, Germany; Thomas Zeller, Franz-Josef Neumann, Univ Heart Ctr Freiburg – Bad Krozingen, Bad Krozingen, Germany

Poster Board Number MP63 / Presentation Number W MP63

Diagnostic Yield of an Extended Ambulatory Cardiac Rhythm Monitor in Patients With TIA or Stroke

Christie E Tung, Maarten G Lansberg, Mintu P Turakhia, Stanford Univ, Palo Alto, CA

Poster Board Number MP64 / Presentation Number W MP64

Evaluation of Deep Venous Thrombosis in Cryptogenic Stroke and Patent Foramen Ovale

Ava L Liberman, Vistasp Daruwalla, Deborah Bergman, Richard A Bernstein, Yvonne Curran, James C Carr, Jeremy D Collins, Shyam Prabhakaran, Northwestern Univ, Chicago, IL

Poster Board Number MP65 / Presentation Number W MP65

Accuracy of Two-Dimensional Echocardiography using Second Harmonic Imaging for the Diagnosis of Intracardiac Right-to-Left Shunt: A Meta-Analysis of Prospective Studies

M Khalid Mojaddidi, Jared Winoker, Scott C Roberts, Pavlos Msaouel, Albert Einstein Coll of Med, Bronx, NY; Muhammad O Zaman, William Beaumont Hosp, Grosse Pointe, MI; Rubine Gevorgyan, Jonathan M Tobis, UCLA Sch of Med, Los Angeles, CA

Poster Board Number MP66 / Presentation Number W MP66

Are Carotid Artery Stenosis-Isolated and Carotid Artery-Plus Two Distinct Entities?

Vishal B Jani, Michigan State Univ, East Lansing, MI; Adil Malik, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN; Sayed Hussain, Michigan State Univ, East Lansing, MI; Adnan I Qureshi, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN

Poster Board Number MP67 / Presentation Number W MP67

Etiology-Specific Clinical and Imaging Features in Ischemic Stroke

Ethem Murat Arsava, Hacettepe Univ Faculty of Med, Ankara, Turkey; Robert D Brown Jr, Mayo Clinic, Rochester, MN; Steven J Kittner, Univ of Maryland, Baltimore, MD; James F Meschia, Mayo Clinic, Jacksonville, FL; Braxton D Mitchell, Univ of Maryland, Baltimore, MD; Kathryn M Rexrode, Brigham and Women's Hosp, Harvard Medical Sch, Boston, MA; Jonathan Rosand, Massachusetts General Hosp, Harvard Medical Sch, Boston, MA; Tatjana Rundek, Univ of Miami, Miami, FL; Daniel Woo, Univ of Cincinnati, Cincinnati, OH; Bradford B Worrall, Univ of Virginia, Charlottesville, VA; Hakan Ay, Massachusetts General Hosp, Harvard Medical Sch, Boston, MA

Poster Board Number MP68 / Presentation Number W MP68

MRI Infarct Patterns Do Not Predict Long-Term Cardiac Rhythm Recorder Findings

Keith Phoa, Mahesh Kate, Ashfaq Shuaib, Ibrahim Yaseen, Kenneth Butcher, Brian Buck, Univ of Alberta, Edmonton, AB, Canada

Poster Board Number MP70 / Presentation Number W MP70

Characteristics of Patients With Microemboli Detected With Transcranial Doppler Monitoring

Lauren Koffman, Zubair Ahmed, Rebecca Michael, Leasa Baus, Larry Raber, Irene Katzan, Cleveland Clinic Fndn, Cleveland, OH

Poster Board Number MP71 / Presentation Number W MP71

Quantification of Cerebral Vascular Reserve Mapping from Dynamic Susceptibility Contrast Magnetic Resonance Imaging

Yong I Jeong, Renee Qian, Parmede Vakil, Northwestern Univ, Evanston, IL; Michael C Hurley, Sameer A Ansari, Bernard R Bendok, Northwestern Memorial Hosp, Chicago, IL; Hunt Batjer, UT Southwestern Medical Ctr, Dallas, TX; Timothy J Carroll, Northwestern Univ, Evanston, IL

Experimental Mechanisms and Models
Moderated Poster Tour

W MP73 – W MP84

SECTION 7

Moderators: Louise D McCullough, MD, PhD, Avon, CT
Ken Arai, PhD, Charlestown, MA

Poster Board Number MP73 / Presentation Number W MP73

Protective Effect of Argatroban on Behavioral Outcome Following MCAo up to Four Hours

Lifu Zhao, Benedict Pereira, Jessica Lamb, Padmesh Rajput, Patrick Lyden, Cedars-Sinai Medical Ctr, Los Angeles, CA

Poster Board Number MP75 / Presentation Number W MP75

Docosahexaenoic Acid Upregulates Iduna Expression in the Ischemic Penumbra and Protects Rat Brains Against Focal Ischemia

Nicolas G Bazan, Pranab K Mukherjee, Veronica Palaszczuk, Larissa Khoutorova, Daniela V Anzola, Sung-Ha Hong, Ludmila Belayev, Louisiana State Univ, New Orleans, LA

Poster Board Number MP76 / Presentation Number W MP76

Ischemic Postconditioning Protected Against Stroke by Inhibiting NADPH Oxidase-Mediated ROS Activity

Sungpil Joo, Stanford Univ, Palo Alto, CA; Weiyang Xie, Stanford, Stanford, CA; Yifang Fan, Heng Zhao, Stanford Univ, Stanford, CA

Poster Board Number MP77 / Presentation Number W MP77

The Role of Ischemia/Reperfusion Generated Nitrate Stress on VEGF Angiogenic Signaling in Diabetic rats

Mohammed A Abdelsaid, Roshini Prakash, Weiguo Li, Maha Coucha, Susan Fagan, Advive Ergul, Georgia Regents Univ, Augusta, GA

Poster Board Number MP78 / Presentation Number W MP78

Small Changes in Intracellular pH Block Ischemic and Excitotoxic Cell Death by Suppressing Neuronal Superoxide Production

Seok Joon Won, Tina Lam, Angela M Brennan-Minnella, UCSF, San Francisco, CA; Yeyie Shi, Dandan Sun, U Pittsburgh, Pittsburgh, PA; Raymond A Swanson, UCSF, San Francisco, CA

Poster Board Number MP79 / Presentation Number W MP79

The Sex Chromosome Complement Contributes to Ischemic Stroke Sensitivity and Inflammatory Responses in Aged FCG Mice

Fudong Liu, Kathryn Bentivegna, Mehwish Mirza, Eleanor B Steffens, Yan Xu, Louise D McCullough, University Conn Health Center, Farmington, CT

Poster Board Number MP80 / Presentation Number W MP80

Stroke Alters Neutrophil and Monocyte Function

Johanna Ruhnau, Karsten Schulze, Bernadette Gaida, Sönke Langner, Christof Kessler, Barbara Bröcker, Alexander Dressel, Antje Vogelgesang, Univ Greifswald, Greifswald, Germany

Poster Board Number MP81 / Presentation Number W MP81

Excess Salt Increases Infarct Size Produced by Photothrombotic Middle Cerebral Artery Occlusion Without Increasing Blood Pressure in Spontaneously Hypertensive Rats

Hiroshi Yao, Natl Hosp Organization Hizen Psychiatric Ctr, Saga, Japan; Toru Nabika, Shimane Univ Sch of Med, Izumo, Japan

Poster Board Number MP82 / Presentation Number W MP82

Role of OPG/RANKL/RANK System in Ischemic Brain in Mice

Munehisa Shimamura, Hironori Nakagami, Mariana Kiomy Osako, Hitomi Kurinami, Osaka Univ, Osaka, Japan; Kouji Wakayama, The Univ of Tokyo, Tokyo, Japan; Hiroshi Koriyama, Ryuichi Morishita, Osaka Univ, Osaka, Japan

Poster Board Number MP83 / Presentation Number W MP83

Transcutaneous Vagus Nerve Stimulation for Treatment of Acute Cerebral Ischemia in Rats

Ilknur Ay, Hakan Ay, Mass General Hosp, Charlestown, MA

Poster Board Number MP84 / Presentation Number W MP84

Erythropoietin Inhibits Oxidation of Tetrahydrobiopterin and Restores Bioavailability of Endothelial Nitric Oxide in Cerebral Microvessels of Hph-1 Mice

Anantha Vijay R Santhanam, Livius V d'Uscio, Leslie A Smith, Zvonimir S Katusic, Mayo Clinic, Rochester, MN

Intracerebral Hemorrhage Moderated
Poster Tour

W MP85 – W MP96

SECTION 8

Moderators: Matthew L Flaherty, MD, Cincinnati, OH
Ken Butcher, MD, PhD, FRCPC, Edmonton, AB, Canada

Poster Board Number MP85 / Presentation Number W MP85

MRI Demonstrates Sustained Effect of Early Surgery on Perihematomal Edema

W Andrew Mould, Johns Hopkins Univ, Baltimore, MD; Marc Zentar, Worcester Coll, Oxford, United Kingdom; John Muschelli, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; J Ricardo Carhuapoma, Johns Hopkins Hosp, Baltimore, MD; Daniel F Hanley, Johns Hopkins Univ, Baltimore, MD

Poster Board Number MP86 / Presentation Number W MP86

Improving the Accuracy of the ABC/2 Estimation Technique in Spontaneous Supratentorial Intracerebral Hemorrhage

Wendy Ziai, Saman Nekoovaght-Tak, Johns Hopkins Univ Sch of Med, Baltimore, MD; Joshua F Betz, John Muschelli, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Ryan Noel Fisico, Johns Hopkins Univ Sch of Med, Baltimore, MD; Ximin Li, Johns Hopkins Bloomberg Sch of Public Health, Baltimore, MD; Daniel F Hanley, Johns Hopkins Univ Sch of Med, Baltimore, MD

Poster Board Number MP87 / Presentation Number W MP87

Lack of Improvement in Incidence and Case-Fatality of First Time Hospital Admission With Intracerebral Hemorrhage in Denmark 2004-2012

Tobias Pilgaard Ottosen, Marie Louise Schmitz, Morten Schmidt, Jacob Bonde Jacobsen, Grethe Andersen, Søren Paaske Johnsen, Aarhus Univ Hosp, Aarhus N, Denmark

Poster Board Number MP88 / Presentation Number W MP88

Reduced Platelet Activity is Associated With Intraventricular Hematoma Clearance

Matthew B Maas, Anna L Romanova, Michael D Berman, James C Guth, Eric M Liotta, Andrew M Naidech, Northwestern Univ, Chicago, IL

Poster Board Number MP89 / Presentation Number W MP89

Validation of Clinical-Radiological Criteria for the Diagnosis of Cerebral Amyloid Angiopathy-related Inflammation

Eitan Auriel, Mahmut Edip Guro, Jun Ni, Ellis Van Etten, Sergi Martinez-Remirez, J Philip Kistler Stroke Res Ctr, Massachusetts General Hosp, Boston, MA; Fabrizio Piazza, Jacopo DiFrancesco, Dept of Surgery and Interdisciplinary Med, Univ of Milano-Bicocca, Monza, Italy, Milano, Italy; Matthew Froesch, Neuropathology Service, CS Kubik Lab for Neuropathology, Massachusetts General Hosp and Harvard Medical Sch, Boston, Mass, Boston, MA; Octavio Pontes-Neto, Anastasi Vashkevich, Alison Ayers, Ashkan Shoamanesh, Kristin Schwab, Anand Viswanathan, Steven Greenberg, J Philip Kistler Stroke Res Ctr, Massachusetts General Hosp, Boston, MA

Poster Board Number MP90 / Presentation Number W MP90

APOE Variants are Associated With Increased Risk of Warfarin-Related Intracerebral Hemorrhage

Guido J Falcone, Farid Radmanesh, H Bart Brouwers, Lennox P Chitsike, William J Devan, Thomas W K Battey, Anand Viswanathan, Joshua N Goldstein, Steven M Greenberg, Massachusetts General Hosp, Boston, MA; Devin L Brown, Univ of Michigan Health System, Ann Arbor, MI; Bradford B Worrall, Univ of Virginia Health System, Charlottesville, VA; James F Meschia, Mayo Clinic Jacksonville, Jacksonville, FL; Scott L Silliman, Univ of Florida Coll of Med, Jacksonville, FL; Magdy Selim, Beth Israel Deaconess Medical Ctr, Boston, MA; David L Tirschwell, Univ of Washington, Seattle, WA; Alessandro Biffi, Massachusetts General Hosp, Boston, MA; Daniel Woo, Univ of Cincinnati Coll of Med, Cincinnati, OH; Jonathan Rosand, Christopher D Anderson, Massachusetts General Hosp, Boston, MA; on behalf of the International Stroke Genetics Consortium

Poster Board Number MP91 / Presentation Number W MP91

Does Recurrent Intracerebral Hemorrhage Have the Same Etiologic Subtypes According to SMASH-U Classification Method?

Shin-Joe Yeh, Sung-Chun Tang, Li-Kai Tsai, Jiann-Shing Jeng, Natl Taiwan Univ Hosp and Natl Taiwan Univ Coll of Med, Taipei, Taiwan

Poster Board Number MP92 / Presentation Number W MP92

The CAVE Score for Predicting Late Seizures after Intracerebral Hemorrhage

Elena Haapaniemi, Daniel Strbian, Helsinki Univ Central Hosp, Helsinki, Finland; Costanza Rossi, Univ Lille Nord de France, Lille, France; Jukka Putaala, Tuulia Sipii, Satu Mustanoja, Tiina Sairanen, Sami Curtze, Jarno Satopää, Reina Roivainen, Markku Kaste, Helsinki Univ Central Hosp, Helsinki, Finland; Charlotte Cordonnier, Univ Lille Nord de France, Lille, France; Turgut Tatlisumak, Atte Meretoja, Helsinki Univ Central Hosp, Helsinki, Finland

Poster Board Number MP93 / Presentation Number W MP93

The STICH II Prognostic Score Predicts Outcomes in the ERICH Study

Jennifer Rasmussen, Lee Birnbaum, University of Texas Health Science Ctr San Antonio, San Antonio, TX; Carl D Langefeld, W Mark Brown, Wake Forest Univ Sch of Med, Winston-Salem, NC; Charles J Moomaw, Univ of Cincinnati Coll of Med, Cincinnati, OH; Esther Nanez, University of Texas Health Science Ctr San Antonio, San Antonio, TX; Anastasia Vashkevich, Jonathan Rosand, Massachusetts General Hosp, Boston, MA; Chelsea S Kidwell, Georgetown Univ Medical Ctr, Washington DC, DC; Jennifer Osborne, Daniel Woo, Univ of Cincinnati Coll of Med, Cincinnati, OH

Poster Board Number MP94 / Presentation Number W MP94

Acute Inflammation Expands Cerebral Microbleeds in a Mouse Model of Cerebral Amyloid Angiopathy

Vitaly Vasilevko, MIND Inst, UC Irvine, CA; Mark J Fisher, Dept of Neurology, UC Irvine, CA; Kelley Kilday, Giselle F Passos, MIND Inst, UC Irvine, CA; Shuo Liu, Dept of Anatomy & Neurobiology, UC Irvine, CA; Ronald C Kim, Dept of Pathology & Lab Med, UC Irvine, CA; Annlia Paganini-Hill, Neurology Dept, UC Irvine, CA; David H Cribbs, MIND Inst, Dept of Neurology, UC Irvine, CA

Poster Board Number MP95 / Presentation Number W MP95

CCR2+ Monocytes Contribute to Hematoma Clearance After Experimental Intracerebral Hemorrhage

Matthew D Hammond, Roslyn A Taylor, Youxi Ai, Lauren H Sansing, Univ of Connecticut Health Ctr, Farmington, CT

Poster Board Number MP96 / Presentation Number W MP96

The Role of Thrombin in Hydrocephalus after Intraventricular Hemorrhage

Feng Gao, Fuyi Liu, Zhi Chen, Ya Hua, Richard F Keep, Guohua Xi, Univ of Michigan, Ann Arbor, MI

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

W MP97 – W MP108

SECTION 9

Moderators: Jim Burke, MD, Ann Arbor, MI
Linda Williams, MD, Indianapolis, IN

Poster Board Number MP97 / Presentation Number W MP97

Trends in Volume and Mortality in CEA after Introduction of CAS in Medicare population

Hiraku Kumamaru, Harvard Sch of Public Health, Boston, MA; Jessica J Jalbert, Louis L Nguyen, Brigham and Women's Hosp, Boston, MA; Jun Liu, Marie D Gerhard-Herman, Chih-Ying Chen, Lauren A Williams, John D Seeger, Brigham and Women's Hosp, Boston, MA; Soko Setoguchi, Duke Clinical Res Inst, Durham, NC

Poster Board Number MP98 / Presentation Number W MP98

Tracheostomy Timing Impacts Stroke Recovery

Jennifer A Villwock, Mark R Villwock, Eric M Deshaies, SUNY Upstate Medical Univ, Syracuse, NY

Poster Board Number MP99 / Presentation Number W MP99

Seven-Day Mortality After Ischemic Stroke: International Comparison Among Industrialized Nations

Jin-Moo Lee, Washington Univ Sch of Med in St Louis, St Louis, MO; Thomas Hemmen, Univ of California San Diego, La Jolla, CA; JiaJing Chen, Washington Univ Sch of Med in St Louis, St Louis, MO; Richard Lumor, BJC HealthCare, St Louis, MO; Christopher J Deline, Washington Univ Sch of Med in St Louis, St Louis, MO; Steve Middleton, Dr Foster Intelligence, Guildford, United Kingdom; Alex Bottle, Imperial Coll, London, United Kingdom; Caroline Fenwick, Chelsea and Westminster Hosp, London, United Kingdom; Marc Randall, Sheffield Teaching Hosp NHS Fdn Trust, Sheffield, United Kingdom; Michael Pelly, Chelsea and Westminster Hosp, London, United Kingdom; Vincent Thijs, Univ Hosp Leuven, Bressels, Belgium; Natalia Rost, Massachusetts General Hosp, Cambridge, MA; Louise Shaw, Royal United Hosp, Bath, United Kingdom; Emma Vaux, Royal Berkshire NHS Fdn Trust, Reading, United Kingdom; Mark J Alberts, Univ of Texas Southwestern, Dallas, TX; Nina Janda, Rachel Alsop, Keith Schlagbauer, Dr Foster Intelligence, Guildford, United Kingdom; Mary Spencer, BJC HealthCare, St Louis, MO; Kenneth Schechtman, Washington Univ Sch of Med in St Louis, St Louis, MO; Clay Dunnigan, BJC HealthCare, St Louis, MO; Gabriel Rinkel, Univ Medical Ctr Utrecht – The Netherlands, Utrecht, Netherlands

Poster Board Number MP100 / Presentation Number W MP100

Hospital SAH Volume Associated With Better Outcomes

Aditya S Pandey, Neeraj Chaudhary, Joseph J Gemmete, Byron G Thompson, James Burke, Univ of Michigan, Ann Arbor, MI

Poster Board Number MP101 / Presentation Number W MP101

Differences in tPA Door-to-Needle Time by Patient and Hospital Characteristics

Mary G George, Xin Tong, Ctrs for Disease Control and Prevention, Atlanta, GA

Poster Board Number MP102 / Presentation Number W MP102

Disparities in Access to Primary Stroke Centers: Geography, Not Gender, Race, or Ethnicity

Michael T Mullen, Univ of Pennsylvania, Philadelphia, PA; Ariel Bowman, Univ of Southern California, Los Angeles, CA; Douglas Wiebe, Univ of Pennsylvania, Philadelphia, PA; Catherine S Wolf, Duke Univ, Raleigh Durham, NC; Karen C Albright, Univ of Alabama Birmingham, Birmingham, AL; Jason Roy, Univ of Pennsylvania, Philadelphia, PA; Laura Balcer, New York Univ, New York, NY; Charles C Branas, Brendan G Carr, Univ of Pennsylvania, Philadelphia, PA

Poster Board Number MP103 / Presentation Number W MP103

Stroke Patients With Atrial Fibrillation Who Had Left Atrial Thrombus Are Likely To Have Increased Recurrence In The Long Term

Shinji Yamashita, Noriko Matsumoto, Naoki Saji, Jun-ichi Uemura, Kensaku Shibazaki, Kazumi Kimura, Kawasaki Medical Sch, Kurashiki, Japan

Poster Board Number MP104 / Presentation Number W MP104

Quality of Acute Stroke Care at Primary Stroke Centers Before and After Certification in Comparison to Never-Certified Hospitals

Nerses Sanossian, May A Kim-Tenser, Univ of Southern California, Los Angeles, CA; David S Liebeskind, UCLA Stroke Ctr, Los Angeles, CA; Justina Breen, Univ of Southern California, Los Angeles, CA; Scott Hamilton, Stanford, Palo Alto, CA; Robin Conwit, NINDS, Bethesda, MD; Samuel Stratton, UCLA, Los Angeles, CA; Marc Eckstein, Univ of Southern California, Los Angeles, CA; Franklin D Pratt, Los Angeles County Fire Dept, Los Angeles, CA; Sidney Starkman, Jeffrey L Saver, UCLA Stroke Ctr, Los Angeles, CA; FAST-MAG Investigators and Coordinators

Poster Board Number MP105 / Presentation Number W MP105

Long Term Stroke Outcome and Caregiving Among Mexican Americans (MA) and Non-Hispanic Whites (NHW): The Population-Based Brain Attack Surveillance in Corpus Christi (BASIC) Study

Brisa N Sanchez, Lynda Lisabeth, Darin Zahuranec, Melinda A Cox, Nelda Garcia, Lewis Morgenstern, Univ of Michigan, Ann Arbor, MI

Poster Board Number MP106 / Presentation Number W MP106

Temporal Trends in Stroke Investigations and Their Effect on Management

Vivian T Ng, Ahmed M Bayoumi, Univ of Toronto, Toronto, ON, Canada; Jiming Fang, Inst for Clinical Evaluative Sciences, Toronto, ON, Canada; Kirsteen R Burton, Univ of Toronto, Toronto, ON, Canada; Melissa Stamplecoski, Inst for Clinical Evaluative Sciences, Toronto, ON, Canada; Moira K Kapral, Univ of Toronto, Toronto, ON, Canada

Poster Board Number MP107 / Presentation Number W MP107

An Updated Cost-Effectiveness Analysis of r-tPA for Acute Ischemic Stroke Treated Within 3 Hours of Symptom Onset

Denise Boudreau, Gregory F Guzauskas, Univ of Washington, Seattle, WA; Er Chen, Darren Tayama, Genentech, Inc, S San Francisco, CA; Susan Fagan, Univ of Georgia, Augusta, GA; David L Veenstra, Univ of Washington, Seattle, WA

Poster Board Number MP108 / Presentation Number W MP108

Accuracy of Diagnoses in Contemporary Medicare Data: REGARDS Study Linked With Medicare Claims

Hiraku Kumamaru, Harvard Sch of Public Health, Boston, MA; Suzanne E Judd, Univ of Alabama at Birmingham Sch of Public Health, Birmingham, AL; Jeffrey R Curtis, Rekha Ramachandran, Univ of Alabama at Birmingham Sch of Med, Birmingham, AL; N Chantelle Hardy, Duke Clinical Res Inst, Durham, NC; J David Rhodes, Univ of Alabama at Birmingham Sch of Public Health, Birmingham, AL; Monika M Safford, Univ of Alabama at Birmingham Sch of Med, Birmingham, AL; Brett Kissela, Univ of Cincinnati, Cincinnati, OH; George Howard, Univ of Alabama at Birmingham Sch of Public Health, Birmingham, AL; Jessica J Jalbert, Brigham and Women's Hosp, Boston, MA; Thomas G Brott, Mayo Clinic, Jacksonville, FL; Soko Setoguchi, Duke Clinical Inst, Durham, NC

Pediatric Stroke and Vascular Malformations Moderated Poster Tour

W MP109 – W MP120

SECTION 10

Moderators: Lori Jordan, MD, PhD, Nashville, TN
Gabrielle deVeber, MD, Toronto, ON, Canada

Poster Board Number MP109 / Presentation Number W MP109

Childhood Cerebral Sinovenous Thrombosis (CSVT): Long-Term Neuropsychological Outcomes

Aly Aziz, Robyn Westmacott, Ann-Marie Pontigon, Gabrielle deVeber, Daune MacGregor, Rand Askalan, Ivanna Yau, Mahendranath Moharir, The Hosp for Sick Children, Toronto, ON, Canada

Poster Board Number MP110 / Presentation Number W MP110

Stimulant Medications as a Risk Factor for Childhood Stroke

Nancy K Hills, UC San Francisco, San Francisco, CA; Stephen Sidney, Kaiser Permanente Northern California, Oakland, CA; Patrick R Finley, Heather J Fullerton, UC San Francisco, San Francisco, CA

Poster Board Number MP111 / Presentation Number W MP111

Prevalence and Risk Factors of Silent Cerebral Infarcts in Children with Hemoglobin SC Disease

Kristin Williams, Washington Univ in St Louis, St Louis, MO; Jennifer Sun, Univ of Cincinnati Coll of Med, Cincinnati, OH; Monica Hulbert, Washington Univ in St Louis, St Louis, MO

Poster Board Number MP112 / Presentation Number W MP112

Factors Associated With Increased In-Hospital Mortality Among Children With Intracerebral Hemorrhage

Malik M Adil, Adnan I Qureshi, Zeenat Qureshi Stroke Res Ctr, St Cloud, MN; Lauren A Beslow, Yale Univ Medical Ctr, New Haven, CT; Ahmed A Malik, Zeenat Qureshi Stroke Res Ctr, St Cloud, MN; Lori C Jordan, Vanderbilt Univ Sch of Med, Nashville, TN

Poster Board Number MP113 / Presentation Number W MP113

Transient Ischemic Attacks Requiring Hospitalization of Children in the United States: Kids' Inpatient Database 2003-2009

Malik M Adil, Adnan I Qureshi, Zeenat Qureshi Stroke Res Ctr, St Cloud, MN; Lauren A Beslow, Yale Univ Sch of Med, New Haven, CT; Lori C Jordan, Vanderbilt Univ Sch of Med, Nashville, TN

Poster Board Number MP114 / Presentation Number W MP114

Arterial Spin Label Perfusion Imaging In Acute Neonatal Stroke Reveals Hyperperfusion In Association With Cerebral Ischemic Injury

Michael J Rivkin, Christopher G Watson, Mathieu Dehaes, Borjan A Gagoski, P Ellen Grant, Boston Children's Hosp, Boston, MA

Poster Board Number MP115 / Presentation Number W MP115

Clinical, Radiographic, and Outcome Characteristics of Patients with Intracerebral Cavernous Malformations and Seizures

Neha Morparia, Cheolsu Shin, Robert D Brown Jr, Christianson Teresa, Kelly Flemming, Mayo Clinic, Rochester, MN

Poster Board Number MP117 / Presentation Number W MP117

Quantitative Susceptibility Mapping Reveals Iron Distribution in a Murine CCM Model

Huan Tan, Changbin Shi, Univ of Chicago, Chicago, IL; Tian Liu, MedImageMetric LLC, New York, NY; Robert Edelman, NorthShore Univ HealthSystem, Evanston, IL; Issam Awad, Univ of Chicago, Chicago, IL

Poster Board Number MP118 / Presentation Number W MP118

In Situ B-cell Clonal Expansion and Recombinant Antibody Construction in Human Cerebral Cavernous Malformation

Changbin Shi, Robert Shenkar, Andrew Kinloch, Nai-Ying Zheng, Scott G Henderson, Mark Shaaya, Anita S Chong, Marcus R Clark, Patrick C Wilson, Issam A Awad, Univ of Chicago, Chicago, IL

Poster Board Number MP119 / Presentation Number W MP119

Features of Capillary Malformation-Arteriovenous Malformation Syndrome Associated Cerebral Vascular Anomalies

Johanna Fifi, Santiago Ortega-Gutierrez, David Altschul, Srinivasan Paramasivamn, Alejandro Berenstein, StLuke's Roosevelt Hosp, New York, NY

Poster Board Number MP120 / Presentation Number W MP120

Hemorrhage Rates from Brain Arteriovenous Malformations in HHT Patients

Helen Kim, Jeffrey Nelson, UCSF, San Francisco, CA; Timo Krings, Karel ter Brugge, Univ of Toronto, Toronto, ON, Canada; William L Young, UCSF, San Francisco, CA; Marie E Faughnan, Univ of Toronto, Toronto, ON, Canada; HHT Brain Vascular Malformation Consortium (BVMC)

POSTER SESSION I

WEDNESDAY, FEBRUARY 12

6:15 PM – 6:45 PM

Hall G

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

Acute Endovascular Treatment Posters I

W P1 – W P27

Poster Board Number P1 / Presentation Number W P1

Efficacy of IV TPA in Endovascular Trials: A Pooled Analysis

Mark J Alberts, UT Southwestern Medical Ctr, Dallas, TX; Buddy JJ Connors, Vanderbilt Univ, Nashville, TN; Robin Novakovic, Charles Olivera, UT Southwestern Medical Ctr, Dallas, TX

Poster Board Number P2 / Presentation Number W P2

Intra-arterial Contrast-enhanced Cone-beam CT Assessment Of Occluded Distal Vessels In Acute Ischemic Stroke Patients With Major Vessel Occlusion

Tatsuo Amano, Masayuki Sato, Kentaro Mori, Yuji Matsumaru, Yusuke Hamada, Toranomon Hosp, Tokyo, Japan

Poster Board Number P3 / Presentation Number W P3

Clinical Outcomes and Safety of Endovascular Therapy for IV tpa Ineligible Patients Who Present Within the IV tpa Time Window

Amin Aghaebrahim, Srikant Rangaraju, Christopher Streib, Ramesh Grandhi, Michael Reznik, David Campbell, Ashutosh Jadhav, Tudor Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA

Poster Board Number P4 / Presentation Number W P4

Time to Angiographic Reperfusion: A Decision Analysis

Achala Vagal, Mark Eckman, Joseph Broderick, Thomas Tomsick, Univ of Cincinnati Medical Ctr, Cincinnati, OH; Sharon Yeatts, Medical Univ of South Carolina, Cincinnati, OH; Pooja Khatri, Univ of Cincinnati Medical Ctr, Cincinnati, OH

Poster Board Number P5 / Presentation Number W P5

“No Turn Back Approach” to Reduce Treatment Time for Endovascular Treatment of Acute Ischemic Stroke

Adnan I Qureshi, Hossam Egila, Malik M Adil, Harris Siddiqi, Nidaullah Mian, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN; Ameer E Hassan, Univ of Texas Health Science Ctr SanAntonio, Harlingen, TX; Jefferson T Miley, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN; Gustavo J Rodriguez, Univ of Texas Health Science Ctr SanAntonio, Harlingen, TX; M Fareed K Suri, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN

Poster Board Number P6 / Presentation Number W P6

North American Solitaire Stent-Retriever Acute Stroke Registry: Choice of Anesthesia and Outcomes

Alex Abou-Chebl, Univ of Louisville Sch of Med, Louisville, KY; Osama O Zaidat, Alicia C Castonguay, Medical Coll of Wisconsin, Milwaukee, WI; Guilherme Dabus, Baptist Cardiac and Vascular Inst, Miami, FL; Michael T Froehler, Vanderbilt Univ Medical Ctr, Nashville, TN; Vallabh Janardhan, Texas Stroke Inst, Dallas, TX; Ashish Nanda, Univ of Missouri, Columbia, MO; Thanh N Nguyen, Boston Medical Ctr, Boston, MA; Chung-Huan Sun, Raul G Nogueira, Emory Univ Sch of Med, Atlanta, GA

Poster Board Number P7 / Presentation Number W P7

Difficulty of Catheter Access to Occluded Target Vessel Predicts Worse Recanalization and Poor Outcomes

Marc Ribo, Unitat Neurovascular, Hosp Vall d'Hebron, Barcelona, Spain; Rebecca Sugg, Univ of Mississippi Comprehensive Stroke Ctr, Jackson, MO; Lydia D Foster, Medical Univ of South Carolina, Charleston, SC; Carlos A Molina, Unitat Neurovascular Hosp Vall d'Hebron, Barcelona, Spain; Tudor G Jovin, UPMC, Pittsburgh, PA; Tom Tomsick, Univ of Cincinnati Medical Ctr, Cincinnati, OH; Joseph P Broderick, Univ of Cincinnati, Cincinnati, OH; Interventional Management of Stroke (IMS) III Investigators

Poster Board Number P8 / Presentation Number W P8

Role of Core Infarct Volume Affecting the Number Needed to Treat in Endovascular Therapy for Acute Ischemic Stroke From Large Vessel Occlusion

Osama O Zaidat, Medical Coll of Wisconsin, Milwaukee, WI; Albert Yoo, Massachusetts General Hosp, Boston, MA; Vallabh Janardhan, Texas Stroke Inst, Dallas-Fort Worth, TX; Don Frei, Swedish Medical Ctr, Denver, CO; Lynne Ammar, Denise Myer, Christina To, Sophia S Kuo, Hope Buell, Leticia Barraza, Arani Bose, Siu Po Sit, Penumbra, Inc, Alameda, CA; for the Penumbra Trialists

Poster Board Number P9 / Presentation Number W P9

SAMMPRIS, WASID, and the Non-Linearity of Stroke Risk: Is There Room for Further Trials of Intervention for Intracranial Stenosis?

Nancy T-M Kung, Dushyant Damania, Minal Jain, Anunaya Jain, George E Koch, Curtis Benesch, Babak S Jahromi, Univ of Rochester, Rochester, NY

Poster Board Number P10 / Presentation Number W P10

Endovascular Treatment for Anterior Circulation Stroke Leads to Similar Outcomes in Very Early (within 3 hours) versus Selected Late (Beyond 8 Hours) Presenting Patients

Christopher Streib, Amin Aghaebrahim, Srikant Rangaraju, Brian Jankowitz, Edilberto Amorim, Stephanie Paolini, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Max Wintermark, Univ of Virginia, Charlottesville, VA; Guangming Zhu, Carlos Leiva-Salinas, Univ of Virginia, Charlottesville, VA; Ashutosh Jadhav, Tudor Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA

Poster Board Number P11 / Presentation Number W P11

A Clinical Scale to Predict Futile Arterial Recanalization in Acute Stroke Patients with Anterior Circulation Arterial Occlusion Treated with Endovascular Therapies

Natalia Perez de la Ossa, Maria Hernández-Pérez, Monica Millán, Meritxell Gomis, Elena López-Cancio, Laura Dorado, Pablo García-Bermejo, Carlos Castaño, Antoni Dávalos, Hosp Germans Trias i Pujol, Barcelona, Spain

Poster Board Number P12 / Presentation Number W P12

Intra-procedural Hemodynamics in General Anesthesia versus Monitored Anesthesia Care During Endovascular Therapy for Acute Anterior Circulation Ischemic Stroke

Seby John, Umera Thebo, Cleveland Clinic Foundation, Cleveland OH; Maher Saqqur, University of Alberta, Edmonton, AB, Canada; Joao Gomes, Ehab Farag, Muhammad S Hussain, Cleveland Clinic Foundation, Cleveland OH

Poster Board Number P13 / Presentation Number W P13

Which Patients are Informative About Benefits of Neurothrombectomy?: Analysis of the Pooled SWIFT and STAR Trials Dataset

Jeffrey L Saver, David Geffen Sch of Med at UCLA, Los Angeles, CA; Vitor M Pereira, Univ Hosp of Geneva, Geneva, Switzerland; Jan Gralla, Univ of Bern, Bern, Switzerland; Reza Jahan, David Geffen Sch of Med at UCLA, Los Angeles, CA; the SWIFT and STAR Trialists

Poster Board Number P14 / Presentation Number W P14

Endovascular Treatment for M2 Occlusions A Descriptive Multicenter Experience on Behalf of the Catalan Stroke Code and Reperfusion Consortium (Cat-SCR)

Alan Flores Sr, Alejandro Tomasello, Hosp Vall D' Hebron, Barcelona, Spain; Pere Cardona, M Angeles De Miquel, Hosp Univri Bellvitge, Barcelona, Spain; Meritxell Gomis, Pablo Garcia Bermejo, Hosp Germans Trias i Pujol, Barcelona, Spain; Victor Obach, Xabi Urrea, Hosp Clinic, Barcelona, Spain; Martí-Fàbregas Joan, Hosp Sant Pau i la Creu, Barcelona, Spain; David Canovas, Hosp Parc Tauli, Barcelona, Spain; Jaume Roquer, Hosp del Mar, Barcelona, Spain; Sonia Abilleira, Pla Director de Malaltia Vascular, Barcelona, Spain; Marc Ribó, Hosp Vall D' Hebron, Barcelona, Spain

Poster Board Number P15 / Presentation Number W P15

ADAPT Technique: A Direct Aspiration first Pass Technique for stroke thrombectomy

Aquilla S Turk, Medical Univ of South Carolina, Charleston, SC; Don Frei, Swedish Hosp, Denver, CO; Blaise Baxter, Erlanger Medical, Chattanooga, TN; David Fiorella, Stony Brook Hosp, Stonybrook, NY; J Mocco, Vanderbilt, Nashville, TN; Adnan Siddiqui, Buffalo Univ, Buffalo, NY; Raymond Turner, Imran Chaudry, Medical Univ of South Carolina, Charleston, SC

Poster Board Number P16 / Presentation Number W P16

Quantitative Analysis of Distal Emboli During Mechanical Thrombectomy With Stent-Trievors

Ju-Yu Chueh, Conrad Bzura, Ajit S Puri, Stephanie Smith, Ajay K Wakhloo, Matthew J Gounis, New England Ctr for Stroke Res, Worcester, MA

Poster Board Number P17 / Presentation Number W P17

Factors Associated With DWI Lesion Growth After Endovascular Therapy for Acute Ischemic Stroke

Shumei Man, M Shazam Hussain, Dolora Wisco, Esteban Cheng-ching, Toshiya Osanai, Irene Katzan, Ken Uchino, Cerebrovascular Ctr, Neurological Inst, Cleveland Clinic, Cleveland, OH

Poster Board Number P18 / Presentation Number W P18

General Anesthesia is Associated With Reduced Likelihood of Good Functional Outcome After Endovascular Intervention for Acute Ischemic Stroke

Michael Mlynash, Stanford Univ Medical Ctr, Stanford, CA; Jeremy D Fields, Kaiser Permanente NW, Clackamas, OR; Matus Straka, Roland Bammer, Stephanie Kemp, Michael P Marks, Gregory W Albers, Maarten G Lansberg, Stanford Univ Medical Ctr, Stanford, CA

Poster Board Number P19 / Presentation Number W P19**Propensity Scores Facilitate Unbiased Comparison of Endovascular Devices in IMS III**

Lydia D Foster, Sharon D Yeatts, Medical Univ of South Carolina, Charleston, SC; Thomas A Tomsick, Joseph P Broderick, Univ of Cincinnati Academic Health Ctr, Cincinnati, OH; Yuko Y Palesch, Medical Univ of South Carolina, Charleston, SC

Poster Board Number P20 / Presentation Number W P20**A Model to Calculate the Expected Treatment Effect in Acute Endovascular Stroke Trials**

Maarten G Lansberg, Robin Lemmens, Soren Christensen, Nishant K Mishra, Gregory W Albers, Stanford Univ, Palo Alto, CA

Poster Board Number P21 / Presentation Number W P21**Extent of Reperfusion and Clinical Outcomes After Endovascular Therapy: More is Better**

Conrad W Liang, Jeffrey L Saver, Reza Jahan, Sidney Starkman, Latisha K Ali, Neal Rao, Jason D Hinman, Paul M Vespa, Manuel B Blanco, Royya F Modir, Aaron P Tansy, Mateo Calderon-Arnulphi, Kwan L Ng, Ali Reza Noorian, Sunil A Sheth, Fernando Viñuela, Gary R Duckwiler, Satoshi Tateshima, Nestor R Gonzalez, David S Liebeskind, UCLA, Los Angeles, CA; UCLA Stroke Investigators

Poster Board Number P22 / Presentation Number W P22**Is Hemoglobin A1c (HbA1C) Level an Independent Predictor of Adverse Outcomes in Patients With Acute Ischemic Stroke Undergoing Endovascular Treatment?**

Saqib A Chaudhry, Michigan State Univ, East Lansing, MI; Taqi T Zafar, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN; Ali Saeed, Michigan State Univ, East Lansing, MI; Malik M Adil, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN; Mohammad Afzal, Michigan State Univ, East Lansing, MI; Vikram Jadhav, Univ of Minnesota, Minneapolis, MN; Ameer E Hassan, Univ of Texas Health Science Ctr – San Antonio, Harlingen, TX; Syed I Hussain, Michigan State Univ, East Lansing, MI; Adnan I Qureshi, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN

Poster Board Number P23 / Presentation Number W P23**Predictors of Time From Groin Puncture to Base Catheter Placement**

Amin Aghaebrahim, Christopher Streib, Srikanth Rangaraju, Anat Horev, Stacie Demel, Ashutosh Jadhav, Tudor Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA

Poster Board Number P24 / Presentation Number W P24**Choice of Thrombectomy Device and Degree of Collateral Flow Predict Reperfusion in DEFUSE 2**

John T Liggins, Michael Mlynash, Stanford Stroke Ctr, Stanford, CA; Matus Straka, Stanford Univ Medical Ctr, Stanford, CA; Stephanie Kemp, Stanford Stroke Ctr, Stanford, CA; Roland Bammer, Stanford Univ Medical Ctr, Stanford, CA; Michael P Marks, Gregory W Albers, Maarten G Lansberg, Stanford Stroke Ctr, Stanford, CA

Poster Board Number P25 / Presentation Number W P25**A Meta-analysis Of Randomised Controlled Trials Of Endovascular Treatment For Acute Ischaemic Stroke**

Jonathan Birns, Ajay Bhalla, Guy's & St Thomas' Hosp, London, United Kingdom; Ruoling Chen, King's Coll London, London, United Kingdom

Poster Board Number P26 / Presentation Number W P26**Meta-analysis Of Studies Using Solitaire And Trevo Pro Stent Retriever Devices For Mechanical Thromboembolism In Acute Cerebral Ischemia**

Vikram Jadhav, Mushtaq H Qureshi, Malik M Adil, Amna Zarar, Nidaullah Mian, Taqi T Zafar, Muhammad Umair, Adnan I Qureshi, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN

Poster Board Number P27 / Presentation Number W P27**Predictive Factors of Clinical Outcome and Hemorrhage after Acute Ischemic Stroke Treated by Mechanical Thrombectomy with Stent-retriever**

Laurent Pierot, Sébastien Soize, Coralie Barbe, Krzysztof Kadziolka, Isabelle Serre, CHU Reims, Reims, France

Acute Neuroimaging Posters I**W P28 – W P46****Poster Board Number P28 / Presentation Number W P28****Precision of Tmax and CBF Lesion Volume Estimates In CT Perfusion Imaging**

Soren Christensen, Nishant Mishra, Matus Straka, Dominik Fleischmann, Roland Bammer, Greg Zaharchuck, Stanford Univ, Stanford, CA; Mark Parsons, Chris Levi, Univ of Newcastle, Newcastle, Australia; Greg Albers, Maarten Landsberg, Stanford Univ, Stanford, CA

Poster Board Number P29 / Presentation Number W P29**Comparison of Multiple and Single Intracranial Aneurysm Population in a Large Referral Center Is the Risk Higher or the Same?**

Shima Aran, Bart H Brouwers, Joshua A Hirsch, R G Gonzalez, Javier M Romero, Massachusetts General Hosp, Boston, MA

Poster Board Number P30 / Presentation Number W P30**Middle Cerebral Artery (MCA) Mid-to-distal M1 Segment Occlusion Masquerading as Isolated Central Facial Palsy (I-CFP)**

Reza Bavarsad Shahripour, Kara A Sands, Michael J Lyerly, Geyanendra kumar, April Sisson, Anne W Alexandrov, Joel K Cure, Andrei V Alexandrov, Comprehensive Stroke Ctr, Birmingham, AL

Poster Board Number P31 / Presentation Number W P31**Are Current Lipid Profile Measurements Reliable for Monitoring Carotid Plaque??**

Vishal B Jani, Michigan State Univ, East Lansing, MI; Shilp Arora, Nilay Patel, Icahn Sch of medicine at Mount Sinai, New York, NY; Sayed Hussain, Michigan State Univ, East Lansing, MI; Adnan Qureshi, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN; Kevin DeMarco, Michigan State Univ, East Lansing, MI

Poster Board Number P32 / Presentation Number W P32**Association of Low Cerebral Blood Volume With Negative FLAIR Hyperintensity in Acute Ischemic Stroke**

Nandakumar Nagaraja, Marie Luby, Matthew Edwardson, Ramin Zand, Lawrence L Latour, Natl Inst of Neurological Disorders and Stroke, Bethesda, MD

Poster Board Number P33 / Presentation Number W P33**Functional MRI and CBF Responses to Transient Oxygen Challenges in Acute Ischemic Stroke Patients**

Ona Wu, Marjorie Villien, Massachusetts General Hosp, Charlestown, MA; Tijj Thankachan, Massachusetts General Hosp, Boston, MA; Steven Mocking, Massachusetts General Hosp, Charlestown, MA; William A Copen, Pamela W Schaefer, Aneesh B Singhal, Massachusetts General Hosp, Boston, MA

Poster Board Number P35 / Presentation Number W P35**Assessment of Collaterals on Day-2 CT Angiography Can Predict Functional Outcome in Thrombolized Anterior Circulation Acute Ischemic Stroke**

Leonard L yeo, Prakash Paliwal, Hock Luen Teoh, Raymond C Seet, Bernard P Chan, Rahul Rathakrishnan, Kay W Ng, Chandra Bharatendu, Amit Batra, Benjamin Wakeley, Jonathan Ong, Venetia H Ong, NUHS, Singapore, Singapore; Gavin H Lim, TTSH, Singapore, Singapore; Eric Y Ting, Vijay Sharma, NUHS, Singapore, Singapore

Poster Board Number P36 / Presentation Number W P36**Immediate Changes in Stroke Lesion Volumes Following Thrombolysis Predict Both Imaging and Clinical Outcomes**

Marie Luby, NINDS, Stroke Branch, Bethesda, MD; Steven J Warach, Seton/UT Southwestern Clinical Res Inst of Austin, Austin, TX; José G Merino, NINDS, Stroke Branch, Bethesda, MD; for the LESION investigators

Poster Board Number P37 / Presentation Number W P37**Laterality of the Posterior Cerebral Artery is Associated With a Smaller Volume of Brain Tissue at Risk in Patients With Acute Anterior Circulation Arterial Occlusion**

Maria Hernandez-Perez, Natalia Perez de la Ossa, Hosp Germans Trias i Pujol, Badalona, Spain; Anna Massuet, Rocio Diaz, Inst de Diagnostic per la Imatge (IDI), Badalona, Spain; Patricia Cuadras, Laura Dorado, Elena Lopez-Cancio, Meritxell Gomis, Monica Millan, Antoni Davalos, Hosp Germans Trias i Pujol, Badalona, Spain; Josep Munuera, Inst de Diagnostic per la Imatge (IDI), Badalona, Spain

Poster Board Number P38 / Presentation Number W P38**Rates of ADC and Flair Signal Maturation Depend on Depth of Ischemia and Time: Helpful for Determining Time of Onset?**

Andria L Ford, Washington Univ Sch of Med, Saint Louis, MO; Hongyu An, Univ of North Carolina, Chapel Hill, NC; Amir Modir Shanechi, Naim Khoury, Katie D Vo, Washington Univ Sch of Med, Saint Louis, MO; William J Powers, Weili Lin, Univ of North Carolina, Chapel Hill, NC; Jin-Moo Lee, Washington Univ Sch of Med, Saint Louis, MO

Poster Board Number P39 / Presentation Number W P39**Internal Cerebral Vein Asymmetry on Follow-Up Brain CT after Intravenous Thrombolysis in Acute Anterior Circulation Ischemic Stroke is Associated With Poor Outcome**

Prakash Paliwal, Leonard L Yeo, Bernard P Chan, Hock Luen Teoh, Raymond C Seet, Vijay Sharma, NUHS, Singapore, Singapore

Poster Board Number P40 / Presentation Number W P40**Assessing Criteria for Intra-Arterial Therapy: Inter-Rater Reliability of Clinical-Diffusion Mismatch Among Stroke Clinicians**

Pravin George, Irene Katzan, Cleveland Clinic Fndn, Cleveland, OH; James Gebel Jr, Akron General Medical Ctr, Akron, OH; Ken Uchino, Cleveland Clinic Fndn, Cleveland, OH

Poster Board Number P41 / Presentation Number W P41

Predicting Future Atrophy from White Matter Connectivity Disruption in Ischemic Stroke

Amy Kuceyeski, Hooman Kamel, Babak B Navi, Costantino Iadecola, Ashish Raj, Weill Cornell Medical Coll, New York, NY

Poster Board Number P42 / Presentation Number W P42

Ischemic Lesions Grow, but NIHSS Scores Improve Over 48 Hours After Stroke: Implications for Clinical Trials

Gisele S Silva, Albert Einstein Hosp and Federal Univ of São Paulo, São Paulo, Brazil; Aneesh B Singhal, Massachusetts General Hosp, São Paulo, MA; on behalf of Partner's Spotrias Investigators on behalf of Partner's Spotrias Investigators, Massachusetts General Hosp, Boston, MA

Poster Board Number P43 / Presentation Number W P43

Clot Characteristics on Ct-angiography Predict Early Recanalization With Intravenous Tpa in Patients With Acute Ischemic Stroke

Sachin Mishra, Jonathan Dykeman, Mohammed Almekhlafi, Muneer Eesa, Foothills Medical Ctr, Calgary, AB, Canada; Sung Il Sohn, Dongsan Medical Ctr, Daegu, Korea, Republic of; Simerpreet Bal, Univ of Manitoba, Winnipeg, MB, Canada; Mayank Goyal, Andrew Demchuk, Bijoy Menon, Foothills Medical Ctr, Calgary, AB, Canada

Poster Board Number P44 / Presentation Number W P44

Can Diffusion-Weighted Imaging-Fluid-Attenuated Inversion Recovery Mismatch (Positive Diffusion-Weighted Imaging/ Negative Fluid-Attenuated Inversion Recovery) at 3 Tesla Identify Patients With Stroke at <4.5 Hours?

Laurent Pierot, Samuel Emeriau, Isabelle Serre, Olivier Toubas, Francis Pombourcq, Catherine Oppenheim, CHU Reims, REIMS, France

Poster Board Number P45 / Presentation Number W P45

Differentiation of Contrast Extravasation From Intracranial Hemorrhage on Non-Contrast CT After Endovascular Treatment in Patients With Acute Ischemic Stroke

Seyedmehdi Payabvash, Univ of Minnesota, Minneapolis, MN; Mushtaq H Qureshi, Shayaan M Khan, Mahnoor Khan, Shahram Majidi, Adnan I Qureshi, Zeenat Qureshi Stroke Inst, CentraCare Health, St Cloud, MN

Poster Board Number P46 / Presentation Number W P46

Permeability Surface Product as a Predictor of Hemorrhagic Transformation in Acute Ischemic Stroke Intervention

Matt Parker, Andrew Matthews, The Univ of Texas at Austin, Austin, TX, Austin, TX; Neal Rutledge, Kirk Conrad, Austin Radiological Association, Austin, TX; Jeff Luci, The Univ of Texas at Austin, Austin, TX, Austin, TX

Acute Nonendovascular Treatment Posters I

W P47 – W P66

Poster Board Number P47 / Presentation Number W P47

Recanalization After IV TPA Alone Among Acute Ischemic Stroke Patients Treated With Combined IV-Endovascular Recanalization: Impact of Arterial Occlusion Site

Seo Hyun Kim, Yonsei Univ Wonju Coll of Med, Wonju, Korea, Republic of; David Liebeskind, Reza Jahan, Sidney Starkman, Latisha Ali, Neal Rao, Jason Hinman, Paul Vespa, Manuel B Blanco, Royya Modir, Aaron Tansy, Fernando Vinuela, Gary Duckwiler, Satoshi Tateshima, Nestor Gonzalez, Jeffrey L Saver, David Geffen Sch of Med, Univ of California Los Angeles, Los Angeles, CA

Poster Board Number P48 / Presentation Number W P48

Marked Regional Variation in Acute Stroke Treatment in Medicare Beneficiaries

James F Burke, Lesli E Skolarus, Eric E Adelman, Phillip A Scott, William J Meurer, Univ of Michigan, Ann Arbor, MI

Poster Board Number P49 / Presentation Number W P49

Brain Complications and Neurocognitive Outcome After Cardiac Valve Surgery

Katsufumi Kajimoto, Kazuyuki Nagatsuka, Natl Cardiovascular Ctr, Suita, Japan

Poster Board Number P50 / Presentation Number W P50

The Influence of Obesity on Outcomes After Intravenous Thrombolysis for Acute Ischemic Stroke

Saqib A Chaudhry, Syed I Hussain, Adrienne V Nickles, Mat J Reeves, Michigan State Univ, Lansing, MI

Poster Board Number P51 / Presentation Number W P51

Clinical Outcomes following Thrombolysis for Acute Ischemic Stroke in Patients with Systemic Malignancy: A Nationwide Case-Control Study

Santosh Murthy, Johns Hopkins Univ, Baltimore, MD; Siddharth Karanth, Univ of Texas Sch of Public Health, Houston, TX; Shreyansh Shah, Natl Insts of Health (NIH), Bethesda, MD; Aditi Shastri, Montefiore Medical Ctr, Bronx, NY; Chethan Rao, Eric Bershad, Jose Suarez, Baylor Coll of Med, Houston, TX

Poster Board Number P52 / Presentation Number W P52

Combination Argatroban and TPA for Acute Ischemic Stroke: A Matched Case-Control Analysis

Andrew D Barreto, Univ of Texas Health Science Ctr at Houston, Houston, TX; Pitchaiah Mandava, Baylor Coll of Med, Houston, TX; Waldo Guerrero, Loren Shen, James C Grotta, Univ of Texas Health Science Ctr at Houston, Houston, TX; Thomas A Kent, Baylor Coll of Med, Houston, TX

Poster Board Number P53 / Presentation Number W P53

Extracranial Traumatic Aneurysms Due to Blunt Cerebrovascular Injury

Paul Foreman, Christoph J Griessenauer, Mark R Harrigan, Univ of Alabama at Birmingham, Birmingham, AL

Poster Board Number P54 / Presentation Number W P54

Renal Impairment in African American Stroke Patients and the Risk of Symptomatic ICH With Systemic tPA

Harn J Shiue, Kara A Sands, Reza Bavarsad Shahripour, Saeid Bitaraf, Andrei V Alexandrov, Univ of Alabama at Birmingham, Birmingham, AL

Poster Board Number P55 / Presentation Number W P55

The Degree of Cerebral Blood Flow Augmentation by External Counterpulsation Correlates With Clinical Outcome After Acute Ischemic Stroke

Li Xiong, Jinghao Han, Wenhua Lin, Xiangyan Chen, Thomas Leung, Yannie Soo, Ka-sing Wong, The Chinese Univ of Hong Kong, Hong Kong, Hong Kong

Poster Board Number P56 / Presentation Number W P56

Negative FLAIR-based Intravenous Thrombolysis in Acute Stroke Patients With Unknown Onset Time

Junya Aoki, Kazumi Kimura, Kensaku Shibazaki, Koichiro Nagai, Naoki Saji, Jyunichi Uemura, Takahiro Sato, Takuya Ebata, Kawasaki Medical Sch, Kurashiki Okaya, Japan

Poster Board Number P57 / Presentation Number W P57

Thrombolytic Therapy in Patients With Mild Stroke: An Observational Study

Jose G Romano, Univ Miami Miller Sch of Med, Miami, FL; Eric E Smith, Univ of Calgary, Calgary, AB, Canada; Li Liang, Duke Clinical Res Inst, Durham, NC; Hannah Gardener, Univ Miami Miller Sch of Med, Miami, FL; Sara Camp, Laura Shuey, American Heart Association, Dallas, TX; Iszet Campo-Bustillo, Univ Miami Miller Sch of Med, Miami, FL; Pooja Khatri, Univ Cincinnati, Cincinnati, OH; Deepak L Bhatt, Harvard Medical Sch, Brigham and Women's Hosp, Boston, MA; Gregg C Fonarow, UCLA, Los Angeles, CA; Ralph L Sacco, Univ Miami Miller Sch of Med, Miami, FL; Lee H Schwamm, Harvard Medical Sch, Massachusetts General Hosp, Boston, MA

Poster Board Number P58 / Presentation Number W P58

Thromboelastography Can Detect the Anticoagulant Effect of Factor Xa Inhibitors in Patients Who Might Be Eligible for Tissue Plasminogen Activator Treatment for Acute Ischemic Stroke

Ritvij Bowry, Stuart Fraser, Joancy M Archeval-Lao, Stephanie A Parker, Chunyan Cai, Mohammad H Rahbar, James C Grotta, Univ of Texas Health Science Ctr Houston, Houston, TX

Poster Board Number P59 / Presentation Number W P59

Hemodynamic Changes in Wall Shear Stress in Arteriovenous Malformation Feeding Vessels Post Embolization

Ali Alaraj, Sepideh Amin-Hanjani, Hassan Mostafa, Sajeel Khan, Victor Aletich, Fady Charbel, Univ of Illinois at Chicago, Chicago, IL

Poster Board Number P60 / Presentation Number W P60

A Pooled Analysis Indicates the Promise and Pitfalls of Improving Upon Intravenous rt-PA for Ischemic Stroke

Pitchaiah Mandava, Michael E DeBakey VA Medical Ctr, Houston, TX; Shreyansh D Shah, Anand K Sarma, Baylor Coll of Med, Houston, TX; William Dalmeida, Thomas A Kent, Michael E DeBakey VA Medical Ctr, Houston, TX

Poster Board Number P61 / Presentation Number W P61

Treatment of Ischemic Stroke With recombinant Tissue Plasminogen-Activator in Pregnancy: A Population Study

Shreyansh Shah, Natl Inst of Health, Bethesda, MD; Santosh Murthy, Johns Hopkins Univ, Baltimore, MD; Siddharth Karanth, Univ of Texas Sch of Public Health, Houston, TX; Eric M Bershad, Chethan P Venkatasubba Rao, Jose Suarez, Baylor Coll of Med, Houston, TX

Poster Board Number P62 / Presentation Number W P62

Rapidly Improving Stroke Symptoms (RISS): A Prospective, Pilot Study

Clotilde Balucani, Susan Law, Charles Ramkishun, Charles Ramkishun, Michael Szarek, Diana Rojas-Soto, Volodymyr Vulkanov, Priyank Khandelwal, Benedict Tan, Sara Tariq, Sebina Bulic, Leah Steinberg, Steven R Levine, SUNY Downstate Medical Ctr, Brooklyn, NY

Poster Board Number P63 / Presentation Number W P63

Comparison Of The Efficacy And Safety Of The Acute Stroke Patients Receiving Different Dose Intravenous Tissue Plasminogen Activator

xiaoling liao, yilong wang, yuesong pan, chunjuan wang, xingquan zhao, xingquan zhao, chunxue wang, liping liu, yongjun wang, Beijing Tiantan Hosp, Capital Medical Univ, Beijing, China

Poster Board Number P64 / Presentation Number W P64

DRAGON Score Outperforms 7 Other Hemorrhagic Transformation Scores in Ischemic Stroke Patients Treated With IV r-tPA

David T Asuzu, Yale Univ Sch of Med, New Haven, CT; Karin V Nystrom, Yale-New Haven Hosp, New Haven, CT; Nai Fang Chi, Taipei Medical Univ, Taipei City, Taiwan; David M Greer, Janet R Halliday, Charles Wira, Joseph L Sschoindler, Kevin N Sheth, Yale Univ Sch of Med, New Haven, CT

Poster Board Number P65 / Presentation Number W P65

Determinants of Favourable Response to Thrombolysis in Wake-Up Ischaemic Stroke

dulka manawadu, King's Coll Hosp, London, United Kingdom; Shankaranand Bodla, Univ Coll Hosp, London, United Kingdom; Jeff Keep, Lalit Kalra, King's Coll Hosp, London, United Kingdom

Poster Board Number P66 / Presentation Number W P66

Elevated INR as a Manifestation of Post-Thrombolytic Coagulopathy in Acute Ischemic Stroke

Vivien H Lee, James J Conners, Shawna M Cutting, Sarah Y Song, Rush Univ Med Ctr, Chicago, IL; Richard A Bernstein, Shyam Prabhakaran, Northwestern, Chicago, IL

Aneurysm Posters I

W P67 – W P83

Poster Board Number P67 / Presentation Number W P67

High Resolution C-arm Ct and Metal Artifact Removal Software; A Novel Imaging Modality to Analyze Aneurysms Treated With Stent Assisted Coil Embolization

Ichiro Yuki, Yukinao Kanbayashi, Issei Kan, Ayako Ikemura, Toshihiro Ishibashi, Hideki Arakawa, Koreaki Irie, Hiroyuki Takao, Kengo Nishimura, Yuichi Murayama, The Jikei Univ Sch of Med, Tokyo, Japan; Ashraf Mohamed, Siemens Japan, Tokyo, Japan

Poster Board Number P68 / Presentation Number W P68

Treatment of Unruptured Intracranial Aneurysms Within the Pediatric Population

Ganesh Asaithambi, Univ of Florida, Gainesville, FL; Malik M Adil, Zeenat Qureshi Stroke Res Inst, St Cloud, MN; Lori C Jordan, Vanderbilt Univ, Nashville, TN; Adnan I Qureshi, Zeenat Qureshi Stroke Res Inst, St Cloud, MN

Poster Board Number P69 / Presentation Number W P69

Y and X Stent-Assisted Coiling of Complex and Wide-Neck Bifurcation Aneurysms in 100 Procedures

Bruno Bartolini, Raphaël Blanc, Silvia Pistocchi, Hocine Redjem, Michel Plotin, Fondation Rothschild, Paris, France

Poster Board Number P70 / Presentation Number W P70

What Cfd Parameter is Different Between Growing and No Growing Aneurysm

Hiroyuki Takao, Jikei Univ Sch of Med, Tokyo, Japan; Shou Kadokura, Takashi Suzuki, Tokyo Univ of Science, Tokyo, Japan; Yukinao Kanbayashi, Shunsuke Masuda, Jikei Univ Sch of Med, Tokyo, Japan; Kouichi Shinohara, Tokyo Univ of Science, Tokyo, Japan; Ashraf Mohamed, Jikei Univ Sch of Med, Tokyo, Japan; Makoto Yamamoto, Tokyo Univ of Science, Tokyo, Japan; Toshihiro Ishibashi, Jikei Univ Sch of Med, Tokyo, Japan; Fernando Vinuela, Medical Ctr and David Geffen Sch of Med at UCLA, Los Angeles, CA; Yuichi Murayama, Jikei Univ Sch of Med, Tokyo, Japan

Poster Board Number P71 / Presentation Number W P71

Co-Prevalence and Rupture Rate of Brain and Aortic Aneurysms: Single Center Experience

Boxiang Jiang, Benjamin Z Ball, John R Gaughen Jr, Andrew M Southerland, Bradford B Worrall, Univ of Virginia, Charlottesville, VA

Poster Board Number P72 / Presentation Number W P72

Coiling of Large and Giant Aneurysms: Complications and Long-Term Results of 334 Cases

Nohra Chalouhi, Stavropoula Tjoumakaris, L Fernando Gonzalez, Aaron S Dumont, Robert M Starke, David Hasan, Chengyuan Wu, Saurabh Singhal, Robert Rosenwasser, Pascal Jabbour, Thomas Jefferson Univ, Philadelphia, PA

Poster Board Number P73 / Presentation Number W P73

Feasibility and Preliminary Results of Whole Blood RNA-Sequencing Analysis in Patients With Intracranial Aneurysms

Blake Haas, Nestor R Gonzalez, Elina Nikkola, Mark Connolly, William Hsu, Alex Bui, Fernando Vinuela, Päivi Pajukanta, UCLA, Los Angeles, CA

Poster Board Number P75 / Presentation Number W P75

Endovascular Treatment of Small Unruptured Cerebral Aneurysms with Flow Diverters

Michel Plotin, Fondation Rothschild, Paris, France; Bruno Bartolini, Fondation Rothschild, Paris, France; Silvia Pistocchi, Hocine Redjem, Raphaël Blanc, Fondation Rothschild, Paris, France

Poster Board Number P76 / Presentation Number W P76

Parent Artery Curvature May Help Determine the Effectiveness of Flow Diverter Treatment

Brando Dimapasoc, Aichi Chien, UCLA, Los Angeles, CA

Poster Board Number P77 / Presentation Number W P77

In-Depth Comparison of Short-Term Total Hospital Costs and Current Primary Cost Drivers of Coiling vs Clipping for Unruptured Intracranial Aneurysms

Yifei Duan, Case Western Reserve Univ Sch of Med, Cleveland, OH; Nicholas Bambakidis, Jeffrey Nelson, Univ Hosp Case Medical Ctr, Cleveland, OH

Poster Board Number P78 / Presentation Number W P78

Effect of Weather Patterns on the Admission and Outcome of Intracranial Aneurysms

Pui Man Rosalind Lai, Hormuzdiyar Dasenbrock, Rose Du, Brigham and Women's Hosp/Harvard Medical Sch, Boston, MA

Poster Board Number P79 / Presentation Number W P79

Computational Fluid Dynamics Analysis In Roles Of Hemodynamic Factors On The Development Of Cerebral Aneurysms

Shunichi Fukuda, Natl Hosp Organization, Kyoto Medical Ctr, Kyoto, Japan; Yuji Shimogonya, Sch of Engineering & Graduate Sch of Engineering, Univ of Hyogo, Himeji, Japan; Tetsuya Tsukahara, Natl Hosp Organization, Kyoto Medical Ctr, Kyoto, Japan; Yasuhide Imoto, Sch of Engineering & Graduate Sch of Engineering, Univ of Hyogo, Himeji, Japan; Miyuki Fukuda, Graduate Sch of Med, Kyoto Univ, Kyoto, Japan

Poster Board Number P80 / Presentation Number W P80

Wide Neck Cerebral Bifurcation Aneurysms Treated With Web Device A Single Center Experience of a New Treatment Modality

Jacques G Moret, Laurent Spelle, Leon Ikka, Nidhal Benachour, Jildaz Caroff, Jildaz Caroff, Beaujon Univ Hosp, Clichy, France

Poster Board Number P81 / Presentation Number W P81

Echocardiographic Evidence of Intrinsic Aortopathy in Patients With Intracranial Aneurysm

Yong-Won Shin, Keun-Hwa Jung, Seoul Natl Univ Hosp, Seoul, Korea, Republic of; Jeong-Min Kim, Chung-Ang Univ Hosp, Seoul, Korea, Republic of; Young Dae Cho, Hyun-Seung Kang, Moon Hee Han, Jae-Kyu Roh, Seoul Natl Univ Hosp, Seoul, Korea, Republic of

Poster Board Number P82 / Presentation Number W P82

Natural History Simulation Models: Aneurysms Larger Than 95 mm and Aneurysms Growing Faster Than 036 mm/year Require Intense Clinical Care

Suraj V Patel, Aichi Chien, Univ of California, Los Angeles, Los Angeles, CA

Poster Board Number P83 / Presentation Number W P83

Intra-aneurysmal Flow Disruption with the Web Device: Midterm Anatomical Follow-up in a Series of 51 Patients

Laurent Pierot, CHU Reims, Reims, France; Joachim Klisch, Helios General Hosp, Erfurt, Germany; Thomas Liebig, Uniklinikum Koeln, Cologne, Germany; Marco Leonardi, Res Inst of Neurological Sciences, Bologna, Italy; Nunzio Paolo Nunzi, Ospedale Galliera, Genova, Italy; Istvan Szikora, Natl Inst of Neurosciences, Budapest, Hungary; Boris Lubicz, Erasme Univ Hosp, Bruxelles, Belgium

Basic and Preclinical Neuroscience of Stroke Recovery Posters I

W P84 – W P100

Poster Board Number P84 / Presentation Number W P84

Post-ischemic Intra-arterial Infusion of Liposome-encapsulated Hemoglobin Suppresses Endothelial and Neutrophil Inflammatory Activation Accompanied by Maintaining Microvascular Perfusion in Rat Cerebral Ischemia Reperfusion Model

Daisuke Shimbo, Takeo Abumiya, Hideo Shichinohe, Naoki Nakayama, Ken Kazumata, Kiyohiro Houkin, Hokkaido Univ Graduate Sch of Med, Sapporo, Japan

Poster Board Number P85 / Presentation Number W P85**Enzymes that Influence Histone Acetylation and DNA Methylation are Altered Following Ischemia in an Age and Sex Specific Manner**

Nioka C Chisholm, Michael Henderson, Farida Sohrabji, Texas A&M Health Science Ctr, Bryan, TX

Poster Board Number P86 / Presentation Number W P86**Photo-stimulation of the Striatum Promotes Functional Recovery and Neurogenesis after Focal Ischemic Stroke**

Mingke Song, Osama Mohamad, Xiaohuan Gu, Shipeng Wei, Ling Wei, Shan Ping Yu, Emory Univ Sch of Med, Atlanta, GA

Poster Board Number P87 / Presentation Number W P87**Focal Hypothermia Induced by Post-Ischemic Intra-arterial Infusion of Cold Saline Has a Neuroprotective Effect on Cerebral Ischemia Reperfusion Injury**

Kota Kurisu, Takeo Abumiya, Daisuke Shimbo, Ken Kazumata, Naoki Nakayama, Hideo Shichinohe, Kiyohiro Houkin, Hokkaido Univ Graduate Sch of Med, Sapporo, Japan

Poster Board Number P88 / Presentation Number W P88**Impact of Post Stroke Isolation on Sociability and Depressive Behavior**

Rajkumar Verma, Brett Friedler, Nia Harris, Venugopal R Venna, Louise D McCullough, UConn Health Ctr, Farmington, CT

Poster Board Number P89 / Presentation Number W P89**Adoptive Regulatory T Cell Therapy Preserves Systemic Immune Homeostasis Following Cerebral Ischemia**

Peiying Li, Huashan Hosp, Shanghai, China; Xiaoming Hu, Leilei Mao, Jun Chen, Univ of Pittsburgh, Pittsburgh, PA

Poster Board Number P90 / Presentation Number W P90**Insulin-like Growth Factor-1-mediated Reduction Of Stroke-induced Brain Infarction Is Preceded By Improvement Of Blood Brain Barrier Integrity And Inflammatory Cytokines**

Shameena Bake, Farida Sohrabji, Texas A&M Univ Health Science Ctr, Bryan, TX

Poster Board Number P91 / Presentation Number W P91**Regulating Set-β's Subcellular Localization Toggles Its Function Between Inhibiting and Promoting Axon Growth and Regeneration**

Ephraim F Trakhtenberg, Yan Wang, Melina I Morkin, Stephanie G Fernandez, Gregory M Mlacker, Xiongfei Liu, Karan H Patel, Univ of Miami Miller Sch of Med, Miami, FL; Jeffrey L Goldberg, UCSD, La Jolla, CA

Poster Board Number P92 / Presentation Number W P92**Preclinical Evaluation of Recombinant T-cell Receptor Ligand RTL1000 as a Therapeutic Agent in Stroke**

Wenbin Zhu, Amanda Casper, Nicole L Libal, Stephanie J Murphy, Oregon Health and Science Univ, Portland, OR; Sheetal Bodhankar, Halina Offner-Vandenbark, Portland VA Medical Ctr, Portland, OR; Nabil J Alkayed, Oregon Health and Science Univ, Portland, OR

Poster Board Number P93 / Presentation Number W P93**Drag-Reducing Polymer Improves Microcirculation and Outcome after Permanent Middle Cerebral Artery Occlusion in Rats**

Denis E Bragin, Univ of New Mexico Sch of Med, Albuquerque, NM; Zefeng Peng, Xiangya Hosp, Central South Univ, Changsha, China; Wenlan Liu, Univ of New Mexico Coll of Pharmacy, Albuquerque, NM; Susan Thomson, Gloria Statom, Univ of New Mexico Sch of Med, Albuquerque, NM; Marina V Kameneva, Univ of Pittsburgh, Pittsburgh, PA; Edwin M Nemoto, Univ of New Mexico Sch of Med, Albuquerque, NM

Poster Board Number P94 / Presentation Number W P94**Autologous Bone Marrow Derived Mononuclear Cells Attenuate Cerebral Edema and Inflammation in Intracerebral Hemorrhage**

Satoshi Suda, Bing Yang, Xiaopei Xi, Krystal Schaar, Kaushik Parsha, Jaroslav Aronowski, Sean I Savitz, Univ of Texas Medical Sch at Houston, Houston, TX

Poster Board Number P95 / Presentation Number W P95**Assessment of the Optimal Cell Number for the Trans-arterial Transplantation after Stroke in Rat**

Yutaka Fukuda, Nobutaka Horie, Katsuya Satoh, Shunsuke Ishizaka, Takeshi Hiu, Noriyuki Nishida, Izumi Nagata, Nagasaki Univ, Nagasaki, Japan

Poster Board Number P96 / Presentation Number W P96**Optogenetic Neuronal Stimulation Enhances Neurotrophin Expression in the Contralesional Motor Cortex After Stroke**

Michelle Y Cheng, Eric H Wang, Corinne LS Bart, Alex R Bautista, Wyatt J Woodson, Guohua Sun, Lief Fenno, Karl Deisseroth, Gary K Steinberg, Stanford Univ, Stanford, CA

Poster Board Number P97 / Presentation Number W P97**A Single Intravenous Dose of the Pyrazole CNB-001 Induces Long Term Behavioral Improvement and Reduces Stroke Volume in a Rat Ischemic Stroke Model**

Paul A Lapchak, Patrick D Lyden, Jessica A Lamb, Lifu Zhao, Padmesh S Rajput, Cedars-Sinai Medical Ctr, Los Angeles, CA

Poster Board Number P98 / Presentation Number W P98**Activation of α7 Nicotinic Acetylcholine Receptor Reduces Pro-Inflammatory Macrophage and Improves Ischemic Stroke Recovery**

Zhenying Han, Fanxia Shen, Yue He, Vincent Degos, Marine Camus, Mamta Wankhede, Mervyn Maze, William L Young, Hua Su, Univ of California, San Francisco, San Francisco, CA

Poster Board Number P99 / Presentation Number W P99**A Time Window of Heightened Plasticity to Training After Ischemic Stroke in the Mouse is Extended By Fluoxetine if Provided Within the First Week After Stroke**

Kwan Ng, UCLA, Los Angeles, CA; Ellen M Gibson, Robert Hubbard, Richard J O'Brien, John W Krakauer, Steven Zeiler, Johns Hopkins, Baltimore, MD

Poster Board Number P100 / Presentation Number W P100**Alterations of γδT Cell Subsets in Stroke Patients with White Matter Disease**

Qing Hao, Mateusz G Adamski, Hua Yu, Erin Wagner, Chloe Seales-Bailey, Alison Baird, SUNY Downstate Medical Ctr, Brooklyn, NY

Cerebral Large Artery Disease Posters I**W P101 – W P119****Poster Board Number P101 / Presentation Number W P101****Surgical Revascularization Reverses Decreased Cerebral Oxygen Metabolism in Young Patients with Moyamoya Disease**

Satoshi Kuroda, Daina Kashiwazaki, Univ of Toyama, Toyama, Japan; Kiyohiro Houkin, Hokkaido Univ, Sapporo, Japan

Poster Board Number P102 / Presentation Number W P102**Emboli Detection Within The Posterior Circulation**

Shawna Cutting, Rush Univ Medical Ctr, Chicago, IL; Frank Cabrera, Univ of Miami, Miami, IL; Yosdely Cabrera, Nelly Campo, Jose Romano, Sebastian Koch, Univ of Miami, Miami, FL

Poster Board Number P103 / Presentation Number W P103**Rates and Predictors of Five Year Survival in Asymptomatic Medicare Beneficiaries Undergoing Carotid Revascularization**

M Fareed K Suri, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN; Saqib A Chaudhry, Michigan State Univ, East Lansing, MI; Adnan I Qureshi, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN

Poster Board Number P104 / Presentation Number W P104**Comparison of Carotid Endarterectomy and Stenting for Carotid Artery Stenosis with Coronary Artery Disease**

Daisuke Maruyama, Minoru Ideguchi, Yoichiro Kawamura, Hideki Kanamaru, Hiroharu Kataoka, Tetsu Satow, Kenichi Morita, Hisae Mori, Norikata Kobayashi, Daizo Ishii, Keita Yamauchi, Jyoji Nakagawara, Koji Iihara, Natl Cerebral and Cardiovascular Ctr, Suita, Japan

Poster Board Number P105 / Presentation Number W P105**Comparison of Intracranial Stent Placement and Best Medical Treatment Alone for Treatment of Symptomatic Intracranial Stenosis**

Vikram Jadhav, Mushtaq Qureshi, Nidaullah Mian, Adnan I Qureshi, Univ of Minnesota, Minneapolis, MN

Poster Board Number P106 / Presentation Number W P106**A 3D Computational Model of the Hemodynamic Changes in EC-IC Bypass With Physiologic Boundary Conditions**

Mark Connolly, Fabien Scalzo, David S Liebeskind, Nestor R Gonzalez, UCLA, Los Angeles, CA

Poster Board Number P107 / Presentation Number W P107**Predictors of Outcome in Patients With Acute M2 Occlusion**

Muhib A Khan, Jiaying Zhang, Majaz Moonis, Richard Goddeau, Nils Henninger, Univ of Massachusetts, Worcester, MA

Poster Board Number P108 / Presentation Number W P108**The Burden and Topographic Distribution of Intracranial Atherosclerosis Predict Stroke Recurrence: A Longitudinal Study of Acute Ischemic Stroke Patients**

Byung-Su Kim, Gyeong-Moon Kim, Oh Young Bang, Kwang Ho Lee, Chin-Sang Chung, Samsung Medical Ctr, Seoul, Korea, Republic of

Poster Board Number P109 / Presentation Number W P109**CT Angiography of Symptomatic Intracranial Atherosclerosis: Anatomical Predictors of Fractional Flow**

David S Liebeskind, UCLA, Los Angeles, CA; Xinyi Leng, Chinese Univ of Hong Kong, Hong Kong, Hong Kong; Fabien Scalzo, Mark S Johnson, Albert K Fong, UCLA, Los Angeles, CA; Hing Lung Ip, Florence Fan, Yannie Soo, Thomas Leung, Chinese Univ of Hong Kong, Hong Kong, Hong Kong; Liping Liu, Beijing Tiantan Hosp, Beijing, China; Ka Sing Wong, Chinese Univ of Hong Kong, Hong Kong, Hong Kong; Edward Feldmann, Tufts Univ Sch of Med, Boston, MA

Poster Board Number P110 / Presentation Number W P110**Preexisting Cerebral Small Vessel Disease Increases Cortical Infarct Volume after Distal Middle Cerebral Artery Occlusion**

Muhib Khan, Jiaying Zhang, Majaz Moonis, Richard P Goddeau Jr, Nils Henninger, UMASS Medical Sch, Worcester, MA

Poster Board Number P112 / Presentation Number W P112**Natural History and Outcomes of Ischemic Stroke Patients with Mild Presenting Symptoms and Large Vessel Occlusion**

Cerejo Russell, Esteban Cheng-Ching, M Shazam Hussain, Ken Uchino, Ferdinand Hui, Gabor Toth, Cleveland Clinic, Cleveland, OH

Poster Board Number P113 / Presentation Number W P113**Periprocedural Risk of Carotid Revascularization According to Delay from Neurologic Symptom Onset During the Acute Period**

Paola De Rango, Massimo Lenti, Enrico Cieri, Andrea Ciucci, Luca Farchioni, Beatrice Fiorucci, Vascular and Endovascular Surgery, Perugia, Italy; Valeria Caso, Stroke Unit, Perugia, Italy

Poster Board Number P114 / Presentation Number W P114**Assessment of Platelet Thrombus Formation in Patients with Carotid Disease Administered Clopidogrel**

Masako Yamazaki, Tokyo Women's Medical Univ, Tokyo, Japan; Tomoko Ohnishi, Res Inst, Fujimori Kogyo CoLtd, Yokohama, Japan; Kazuya Hosokawa, Res Inst, Fujimori Kogyo Co Ltd, Yokohama, Japan; Yoshikazu Okada, Akitsugu Kawashima, Taku Yoneyama, Kouji Yamaguchi, Shinichiro Uchiyama, Tokyo Women's Medical Univ, Tokyo, Japan

Poster Board Number P116 / Presentation Number W P116**Association Between Blood Pressure And Short-Term Prognosis of Symptomatic Intracranial Atherosclerotic Stenosis**

Jong-Moo Park, Eulji General Hosp, Eulji Univ, Seoul, Korea, Republic of; Dong-Wha Kang, Asan Medical Ctr, Univ of Ulsan, Seoul, Korea, Republic of; Kyung-Ho Yu, Hallym Univ Sacred Heart Hosp, Pyeongchon, Korea, Republic of; Ja-seong Koo, Seoul Saint Mary Hosp, Catholic Univ, Seoul, Korea, Republic of; Keun-Sik Hong, Yong-Jin Cho, Ilsan Paik Hosp, Inje Univ, Goyang, Korea, Republic of; Dong-Eog Kim, Dongguk Univ Ilsan Hosp, Goyang, Korea, Republic of; Hee-Joon Bae, Seoul Natl Univ Bundang Hosp, Seongnam, Korea, Republic of; Yong-Seok Lee, Seoul Natl Univ Boramae Hosp, Seoul, Korea, Republic of; Joung-Ho Rha, Inha Univ Hosp, Incheon, Korea, Republic of; Young A Kim, Seoul Natl Univ Boramae Hosp, Seoul, Korea, Republic of; Byung-Chul Lee, Hallym Univ Sacred Heart Ho, Pyeongchon, Korea, Republic of; Jong S Kim, Sun U Kwon, Asan Medical Ctr, Univ of Ulsan, Seoul, Korea, Republic of

Poster Board Number P118 / Presentation Number W P118**Ocular Circulation and Chronic Ocular Ischemic Syndrome in Carotid Artery Stenosis Treated by CEA and CAS**

Shoichiro Kawaguchi, Jun-ichi Iida, Yoshitomo Uchiyama, Yukiko Kotani, Dept of Neurosurgery, Nara, Japan

Poster Board Number P119 / Presentation Number W P119**Identification of Novel Candidate Biomarkers to Define Moyamoya Disease by CSF Proteome Analysis**

Daina Kashiwazaki, Toyama Univ Hosp, Toyama, Japan

Community/Risk Factors Posters I**W P120 – W P157****Poster Board Number P120 / Presentation Number W P120****Effect of Prior Aspirin Use on Initial Stroke Severity and Hemorrhagic Transformation**

Jong-Moo Park, Eulji Hosp, Eulji Univ Coll of Med, Seoul, Korea, Republic of; Moon-Ku Han, Seoul Natl Univ Bundang Hosp, Seongnam, Korea, Republic of; Yong-Jin Cho, Ilsan Paik Hosp, Inje Univ Coll of Med, Goyang, Korea, Republic of; Kyung Bok Lee, Soonchunhyang Univ Coll of Med, Seoul, Korea, Republic of; Soo Joo Lee, Eulji Univ Hosp, Eulji Univ, Daejeon, Korea, Republic of; Tai Hwan Park, Seoul Medical Ctr, Seoul, Korea, Republic of; Jun Lee, Yeungnam Univ Coll of Med, Daegu, Korea, Republic of; Jae-Kwan Cha, Dong-A Univ Coll of Med, Busan, Korea, Republic of; Youngchai Ko, Eulji Univ Hosp, Eulji Univ, Daejeon, Korea, Republic of; Young A Kim, Seoul Natl Univ Boramae Hosp, Seoul, Korea, Republic of; Ji Sung Lee, Soonchunhyang Univ Medical Ctr, Seoul, Korea, Republic of; Juneyoung Lee, Korea Univ Coll of Med, Seoul, Korea, Republic of; Hee-Joon Bae, Seoul Natl Univ Bundang Hosp, Seongnam, Korea, Republic of

Poster Board Number P121 / Presentation Number W P121**Stroke Severity in Men and Women: What Proportion of the Disparity Can Be Explained by Differences in Cardiovascular Risk Factors?**

Karen C Albright, Amelia K Boehme, Bisakha Sen, Monica Aswani, Univ of Alabama at Birmingham, Birmingham, AL; Michael T Mullen, Univ of Pennsylvania, Philadelphia, PA; Nicole Gonzales, Sean I Savitz, Univ of Texas Houston, Houston, TX; Sheryl Martin-Schild, Tulane Univ Medical Ctr, New Orleans, LA

Poster Board Number P122 / Presentation Number W P122**Cerebral Small Vessel Diseases May be Associated With Aortic Arch Calcification in Patients With Acute Stroke**

Yuji Ueno, Juntendo Univ Urayasu Hosp, Urayasu, Japan; Ayami Okuzumi, Juntendo Univ Sch of Med, Tokyo, Japan; Masao Watanabe, Yasutaka Tanaka, Juntendo Univ Urayasu Hosp, Urayasu, Japan; Kazuo Yamashiro, Juntendo Univ Urayasu Hosp, Tokyo, Japan; Ryota Tanaka, Nobutaka Hattori, Juntendo Univ Sch of Med, Tokyo, Japan; Takao Ueno, Juntendo Univ Urayasu Hosp, Urayasu, Japan

Poster Board Number P123 / Presentation Number W P123**Associations of Temperature and Average Dew Point With Stroke Hospitalizations and Mortality**

Judith H Lichtman, Erica C Leifheit-Limson, Yale Sch of Public Health, New Haven, CT; Yun Wang, Harvard Sch of Public Health, Boston, MA; Larry B Goldstein, Duke Comprehensive Stroke Ctr, Duke Univ and Durham VAMC, Durham, NC

Poster Board Number P124 / Presentation Number W P124**Elevated Glucose Level Adversely Affects Infarct Volume Growth and Neurological Deterioration in Non-diabetic Stroke Patients, but Not Diabetic Stroke Patients**

Takashi Shimoyama, Junichi Uemura, Naoki Saji, Kensaku Shibazaki, Kazumi Kimura, Kawasaki Medical Sch, Kurashiki, Japan

Poster Board Number P125 / Presentation Number W P125**Glycemic Variability Should Be Associated With The Ischemic Volume Expansion And Neurological Deterioration In Acute Stroke**

Junichi Uemura, Takashi Shimoyama, Kensaku Shibazaki, Naoki Saji, Kazumi Kimura, Kawasaki Medical Sch, Kurashiki, Japan

Poster Board Number P126 / Presentation Number W P126**Allostatic Load Predicts Stroke Mortality Risk in Older Danes: Findings From the 1914 Glostrup Aging Study**

Christian R Salazar, Albert Einstein Coll of Med, Bronx, NY; Kirsten Avlund, Copenhagen Univ, Copenhagen, Denmark; Douglas E Morse, NYU Coll of Dentistry, New York, NY

Poster Board Number P127 / Presentation Number W P127**Epidemiology of Cerebrovascular Disease: Association Between Geographic Location and In-Hospital Mortality**

Moshe A Mizrahi, Fred Rincon, Thomas Jefferson Univ Hosp, Philadelphia, PA

Poster Board Number P128 / Presentation Number W P128**Development and Validation of Clinical Prediction Model for Obstructive Sleep Apnea among Patients with Ischemic Stroke and TIA**

Jason J Sico, Yale Univ Sch of Med, New Haven, CT; Susan Ofner, Indiana Univ Sch of Med, Indianapolis, IN; Li Qin, Henry Klar Yaggi IV, Yale Univ Sch of Med, New Haven, CT; Dawn M Bravata, Richard L Roudebush VA Medical Ctr, Indianapolis, IN

Poster Board Number P129 / Presentation Number W P129**Association Between Acute Stroke Location and Sleep-Disordered Breathing**

Stephanie M Stahl, Indiana Univ Sch of Med, Indianapolis, IN; Stanley Taylor, Susan Ofner, Indiana Univ Sch of Med, IUPUI, Indianapolis, IN; Li Qin, Yale Univ, New Haven, CT; Klar Yaggi, Yale Univ Sch of Med, New Haven, CT; C Simona Ivan, Dawn M Bravata, Indiana Univ Sch of Med, Indianapolis, IN

Poster Board Number P130 / Presentation Number W P130**Relationship Between Risk Factor Control and Vascular Events in the Stenting and Aggressive Medical Management for Preventing Recurrent Stroke in Intracranial Stenosis (SAMMPRIS) Trial**

Tanya N Turan, MUSC Stroke Program, Charleston, SC; Azhar Nizam, Michael J Lynn, Jean Montgomery, Emory, Atlanta, GA; Colin P Derdeyn, Washington Univ, St Louis, MO; David Fiorella, State Univ of New York – Stony Brook, Stony Brook, NY; Bethany Lane, Emory, Atlanta, GA; Scott Janis, NINDS, Bethesda, MD; Marc I Chimowitz, MUSC Stroke Program, Charleston, SC; SAMMPRIS Investigators

Poster Board Number P131 / Presentation Number W P131**Light to Moderate Alcohol Intake and Lower Risk of Ischemic Stroke: A Matched Case-Control Study in Korean Population**

Soo Joo Lee, Eulji Univ Hosp, Deajon, Korea, Republic of; Yong-Jin Cho, Inje Univ Ilsan Paik Hosp, Goyang, Korea, Republic of; Young-Chai Ko, Eulji Univ Hosp, Deajon, Korea, Republic of; Keun-Sik Hong, Inje Univ Ilsan Paik Hosp, Goyang, Korea, Republic of; Jae Kwan Cha, Dae-Hyun Kim, Dong-A Univ Hosp, Busan, Korea, Republic of; Jong-Moo Park, KyuSik Kang, Eulji General Hosp, Seoul, Korea, Republic of; Tai Hwan Park, Sang-Soon Park, Seoul Medical Ctr, Seoul, Korea, Republic of; Joon-Tae Kim, Chonnam Natl Univ Hosp, Gwangju, Korea, Republic of; Jun Lee, Yeungnam Univ Medical Ctr, Daegu, Korea, Republic of; Kyung Bok Lee, Soonchunhyang Univ Hosp Seoul, Seoul, Korea, Republic of; Moon-Ku Han, Seoul Natl Univ Bundang Hosp, Seongnam, Korea, Republic of; Ji Sung Lee, Soonchunhyang Univ Hosp Seoul, Seoul, Korea, Republic of; Juneyoung Lee, Korea Univ Coll of Med, Seoul, Korea, Republic of; Hee-Joon Bae, Seoul Natl Univ Bundang Hosp, Seongnam, Korea, Republic of

Poster Board Number P132 / Presentation Number W P132**Cephalometric Features of Moyamoya Disease: A Case Control Study**

Waqas I Gilani, Sarwat I Gilani, Malik M Adil, Adnan I Qureshi, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN

Poster Board Number P134 / Presentation Number W P134**Abdominal Obesity and Low Ankle-Brachial Index Are Simple Physical Exam Signs Independently Predicting Severe Intracranial Atherosclerosis**

Alexandre D Barros, Carolina C Reis, Adriano A Jesus, Rodrigo D Fernandes, Isadora L Ferreira, Luana F Fonseca, Lucas L Resende, Morgana J Lordelo, Nestor J Barreto-Neto, Lais M Ventura, Alisson L Andrade, Beatriz M Gonçalves, Gentil P Martins-Neto, Pedro A Jesus, Jamarly Oliveira-Filho, Univ Federal da Bahia, Salvador, Brazil

Poster Board Number P135 / Presentation Number W P135**Pulse Wave Velocity is a Predictor of Mortality in Acute Ischemic Stroke**

Jinkwon Kim, Bundang CHA Medical Ctr, CHA Univ, Seongnam, Korea, Republic of; Tae-Jin Song, Ewha Womans Univ, Seoul, Korea, Republic of; Ki-Jeong Lee, Eun Hye Kim, Dongbeom Song, Hyo Suk Nam, Young Dae Kim, Ji Hoe Heo, Yonsei Univ Coll of Med, Seoul, Korea, Republic of

Poster Board Number P136 / Presentation Number W P136**SOS CARE: The Stroke East Saxony Pilot Project for Integrated Care Pathway and Case Management After Stroke**

Jessica Kepplinger, Uwe Helbig, Kristian Barlinn, Lars-Peder Pallesen, Charlotte Zerna, Timo Siepmann, Heinz Reichmann, Volker Puetz, Ulf Bodechtel, Univ Hosp Dresden, Dresden, Germany

Poster Board Number P137 / Presentation Number W P137**Blood Viscosity Determinants and Clinical Outcome After Ischemic Stroke**

Kazutaka Nishimura, Masatoshi Koga, Kazuyuki Nagatsuka, Kazuo Minematsu, Kazunori Toyoda, Natl Cerebral and Cardiovascular Ctr, Suita, Japan

Poster Board Number P138 / Presentation Number W P138**Pregnancy Associated Cerebral Ischemia in Women with Sickle Cell Disease**

Adnan I Qureshi, Malik M Adil, Taqi T Zafar, M Fareed K Suri, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN

Poster Board Number P139 / Presentation Number W P139**Differential Impact of Preadmission Selective Serotonin Reuptake Inhibitor Treatment on Stroke Outcomes Among Ischemic and Hemorrhagic Stroke Patients? A Nationwide Propensity Score-Matched Follow-Up Study**

Janne K Mortensen Jr, Heidi Larsson, Grethe Andersen, Søren P Johnsen, Aarhus Univ Hosp, Aarhus, Denmark

Poster Board Number P140 / Presentation Number W P140**Neuroanatomical Correlates of Atrial Fibrillation: A Longitudinal MRI study**

Aveen Saed, Nudrat Tasneem, Malik M Adil, Mushtaq H Qureshi, Adnan I Qureshi, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN

Poster Board Number P141 / Presentation Number W P141**Cerebral Microbleeds and White Matter Hyperintensities as Predictors for Early Stroke Recurrences in Transient Ischemic Attack: Korean TIA eXpression Study**

Yong-Seok Lee, Seoul Natl Univ Boramae Hosp, Seoul, Korea, Republic of; Gyeong-Moon Kim, Oh Young Bang, Samsung Medical Ctr, Sungkyunkwan Univ Sch of Med, Seoul, Korea, Republic of; Hee-Joon Bae, Seoul Natl Univ Bundang Hosp, Seongnam, Korea, Republic of; Hyung-Min Kwon, Jae-Sung Lim, Seoul Natl Univ Boramae Hosp, Seoul, Korea, Republic of; Keun-Sik Hong, Inje Univ, Ilsan Paik Hosp, Goyang, Korea, Republic of; Jong-Moo Park, Eulji General Hosp, Eulji Univ, Seoul, Korea, Republic of; Seung-Hoon Lee, Seoul Natl Univ Hosp, Seoul, Korea, Republic of; Joung-Ho Rha, Inha Univ Hosp, Incheon, Korea, Republic of; Jaseong Koo, Catholic Univ, St Mary's Hosp, Seoul, Korea, Republic of; Kyung-Ho Yu, Hallym Univ Sacred Heart Hosp, Anyang, Korea, Republic of; Woo-Keun Seo, Korea Univ Guro Hosp, Seoul, Korea, Republic of; Kyung Bok Lee, Soonchunhyang Univ Hosp, Seoul, Korea, Republic of

Poster Board Number P142 / Presentation Number W P142**Can Peripheral Arterial Disease Markers Predict the Outcome of Non-cardioembolic Stroke Patients?**

Takeshi Yoshimoto, Brain Attack Ctr Ota Memorial Hosp, Fukuyama, Hiroshima, Japan; Naohisa Hosomi, Hiroshima Univ Graduate Sch of Biomedical & Health Sciences, Hiroshima, Hiroshima, Japan; Shuichi Neshige, Naoyuki Hara, Satoshi Kubo, Shini-chi Takeshima, Takahiro Himeno, Kota Sato, Taijun Yunoki, Kazuhiro Takamatsu, Taisei Ota, Masaru Kuriyama, Brain Attack Ctr Ota Memorial Hosp, Fukuyama, Hiroshima, Japan; Masayasu Matsumoto, Hiroshima Univ Graduate Sch of Biomedical & Health Sciences, Hiroshima, Hiroshima, Japan

Poster Board Number P143 / Presentation Number W P143**Race-specific Effects of Inflammatory and Vascular Remodeling Biomarkers in Ischemic Stroke**

Cheryl Bushnell, Beverly M Snively, Wake Forest Sch of Med, Winston Salem, NC; Bradford B Worrall, Univ of Virginia, Charlottesville, VA; Carol Colton, Duke Univ, Durham, NC; Ronald Hoogvee, Baylor Coll of Med, Houston, TX; Thomas Mosley, Univ of Mississippi Medical Ctr, Jackson, MS; Rebecca Gottesman, Johns Hopkins Univ, Baltimore, MD; Aaron Folsom, Univ of Minnesota, Minneapolis, MN; Lynne Wagenknecht, Wake Forest Sch of Med, Winston Salem, NC

Poster Board Number P144 / Presentation Number W P144**Association of Resting Heart Rate With Cerebrovascular Risk Factors and Carotid Artery Stenosis**

Vishal B Jani, Michigan State Univ, East Lansing, MI; Adil Malik, Asif Khan, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN; Sayed Hussain, Malathi Rao, Adnan Safdar, Anmar Razak, Mounzer Kassab, Michigan State Univ, East Lansing, MI

Poster Board Number P145 / Presentation Number W P145**Shift in Sex Ratio Over Time in Cerebral Venous Thrombosis**

Jonathan M Coutinho, Susanna M Zuurbier, Jan Stam, Academic Medical Ctr, Amsterdam, Netherlands

Poster Board Number P146 / Presentation Number W P146**Low Serum Level of Eicosapentanoic Acid (EPA) is Associated with Occurrence of Nonlobar Type Intracerebral Hemorrhage (ICH)**

Yasuhisa Akaiwa, Hiroki Takano, Hiroyuki Arakawa, Itaru Ninomiya, Masahiro Uemura, Masafumi Toriyabe, Takayoshi Shimohata, Masatoyo Nishizawa, Brain Res Inst, Niigata Univ, NIGATA, Japan

Poster Board Number P147 / Presentation Number W P147**Occupational and Risk of Stroke: A Population-Based Study in the United States**

Chengwei Wang, Bijal K Mehta, Aaron McMurtry, Harbor-UCLA, Torrance, CA

Poster Board Number P148 / Presentation Number W P148**CHA2DS2VASc and R2CHADS2 Scores as Prognostic Tools for Stroke in Patients with Prior History of Coronary Artery Disease**

Takao Hoshino, Kentaro Ishizuka, Shinichiro Uchiyama, Tokyo Women's Medical Univ, Tokyo, Japan

Poster Board Number P149 / Presentation Number W P149**High-Sensitivity C-Reactive Protein, but Not Lipoprotein-Associated Phospholipase A2, May Predict the Unfavorable Outcome After Acute Ischemic Stroke**

Jae Guk Kim, Youngchai Ko, Soo Joo Lee, Eulji Univ Hosp, Daejeon-si, Korea, Republic of

Poster Board Number P150 / Presentation Number W P150

Incident Cancer in Stroke Survivors: Analysis of the Vitamin Intervention for Stroke Prevention (VISP) Trial

Adnan I Qureshi, Malik M Adil, Gustavo J Rodriguez, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN; Saqib A Chaudhry, Michigan State Univ, East Lansing, MI; M Fareed K Suri, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN

Poster Board Number P151 / Presentation Number W P151

Aging Is Associated With Progressive Insufficiency Of Circle Of Willis Collaterals In Humans

Sepideh Mokhtari, Umair Saeed, Sean M Barber, Houston Methodist Neurological Inst, Houston, TX; Yi J Zhang, Richard P Klucznik, Orlando Diaz, Houston Methodist Hosp, Houston, TX; John J Volpi, Houston Methodist Neurological Inst, Houston, TX

Poster Board Number P152 / Presentation Number W P152

Obesity Increases Risk of Ischemic Stroke in Young Adults

Andrew B Mitchell, John W Cole, Patrick F McArdle, Yu-Ching Cheng, Braxton D Mitchell, Steven J Kittner, Univ of Maryland Sch of Med, Baltimore, MD

Poster Board Number P153 / Presentation Number W P153

Parental History of Stroke and Incident Atrial Fibrillation According to Blood Pressure Category in a General Urban Population: The Suita Study

Yoshihiro Kokubo, Makoto Watanabe, Takashi Kobayashi, Shiro Kamakura, Takeshi Aiba, Kengo Kusano, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Katsuyuki Kawanishi, The Suita Medical Association, Suita, Japan; Yoshihiro Miyamoto, Natl Cerebral and Cardiovascular Ctr, Suita, Japan

Poster Board Number P154 / Presentation Number W P154

Increase in the Rate of Comorbid Diabetes in Stroke Hospitalizations From 1998 to 2011: The National Inpatient Sample

Philip R Khoury, Jane C Khoury, CCHMC, Cincinnati, OH

Poster Board Number P155 / Presentation Number W P155

Antiplatelet Therapy Benefit in Secondary Stroke Prevention in Patients With Suboptimally Controlled Treatable Cerebrovascular Risk Factors

Muhammad Umer, Kateryna Kurako, Nestor Galvez-Jimenez, Efrain Salgado, Cleveland clinic Florida, Davie, FL

Poster Board Number P156 / Presentation Number W P156

Perioperative Low Arterial Oxygenation is Associated With Increased Risk of Stroke After Cardiac Surgery

Alexandra M Miller, Maura Grega, Guy M McKhann, Ola A Selnes, William Baumgartner, Rebecca F Gottesman, Johns Hopkins Univ, Baltimore, MD

Poster Board Number P157 / Presentation Number W P157

Radiographic Markers of Small Vessel Disease in Young Stroke Patients

Ashkan Shoamanesh, Massachusetts General Hosp, Harvard Medical Sch, Boston, MA; Luciana Catanese, Helena Lau, Boston Medical Ctr, Boston Univ Sch of Med, Boston, MA; Na Wang, Boston Univ Sch of Public Health, Boston, MA; Jose R Romero, Viken L Babikian, Boston Medical Ctr, Boston Univ Sch of Med, Boston, MA; Oscar R Benavente, Brain Res Ctr, Univ of British Columbia, Vancouver, BC, Canada; Carlos S Kase, Aleksandra Pikula, Boston Medical Ctr, Boston Univ Sch of Med, Boston, MA

Diagnosis of Stroke Etiology Posters I

W P158 – W P176

Poster Board Number P158 / Presentation Number W P158

Permeability as a Biomarker of Cavernous Malformations

Abdul Ghani Mikati, Univ of Chicago, Chicago, IL; Luying Li, West China Hosp of Sichuan Univ, Sichuan, China; Robert Shenkar, Lingjiao Zhang, Xiaodong Guo, Changbin Shi, Mahua Dey, Akash Shah, Gregory Christoforidis, Issam Awad, Univ of Chicago, Chicago, IL

Poster Board Number P160 / Presentation Number W P160

Comparison of Arterial Stiffness and White Matter Hyperintensities according to Stroke Subtypes

Dong Hoon Shin, Young Bae Lee, Dong Jin Shin, Gachon Univ Gil Medical Ctr, Incheon, Korea, Republic of

Poster Board Number P162 / Presentation Number W P162

Utilization of Vascular Imaging in Stroke: A Population Based Study

Achala Vagal, Univ of Cincinnati Medical Ctr, Cincinnati, OH; Heidi Sucharew, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Kathleen Alwell, Univ of Cincinnati Medical Ctr, Cincinnati, OH; Jane Khoury, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Pooja Khatri, Daniel Woo, Matthew Flaherty, Brett Kissela, Opeolu Adeoye, Simona Ferioli, Felipe De Los Rios La Rosa, Sharyl Martini, Univ of Cincinnati Medical Ctr, Cincinnati, OH; Jason Mackey, Indian Univ Sch of Med, Indiana, IN; Dawn Kleindorfer, Univ of Cincinnati Medical Ctr, Cincinnati, OH

Poster Board Number P163 / Presentation Number W P163

Could CT Angiogram be the Next Screening Test for Carotid Disease? Ultralow Radiation for Neck CT Angiography

Diego A Lira, Ramon G Gonzalez, Mannudeep K Kalra, Sarabjeet Singh, Javier M Romero, MGH, Boston, MA

Poster Board Number P164 / Presentation Number W P164

Effects of Extracranial Carotid Stenosis on Intracranial Blood Flow

Sophia F Shakur, Sepideh Amin-Hanjani, Caroline Bednarski, Xinjian Du, Victor Aletich, Fady Charbel, Ali Alaraj, Univ of Illinois at Chicago, Chicago, IL

Poster Board Number P165 / Presentation Number W P165

Predictors of Cerebral Microbleeds in Patients With Ischemic Stroke

Maria Cristina Zurrú, Claudia Alonzo, Laura Brescacin, Santiago Pigretti, Ariel Luzzi, Luis Camera, Gabriel Waisman, Edgardo Cristiano, Hosp Italiano, Buenos Aires, Argentina

Poster Board Number P166 / Presentation Number W P166

Asymmetrical Fractional Anisotropy Correlates with Verbal Fluency Task Performance at Different Stages Post-stroke

Jie Song, Veena A Nair, Christian La, Justin A Sattin, Vivek Prabhakaran, UW-Madison, Madison, WI

Poster Board Number P167 / Presentation Number W P167

Lacunar Infarction and Hypertensive Intracerebral Hemorrhage-Similarities and Differences of Two Different Clinical Entities of Cerebral Small-Vessel Disease

Satoshi Suzuki, Shigeru Fujimoto, Takuya Inoue, Ryosuke Tsuchimochi, Takao Ishit-suka, Steel Memorial Yawata Hosp, Kitakyushu, Japan

Poster Board Number P168 / Presentation Number W P168

Intracranial Dolichoectasia in Patients with Recent Lacunar Strokes: The SPS3 Trial

Makoto Nakajima, Univ of British Columbia, Vancouver, BC, Canada; Lesly A Pearce, Biostatistics Consultant, Minot, ND; Thalia S Field, Univ of British Columbia, Vancouver, BC, Canada; Carlos Bazan, The Univ of Texas Health Sciences Ctr at San Antonio, San Antonio, TX; Robert G Heart, McMaster Univ, Hamilton, ON, Canada; Oscar R Benavente, Univ of British Columbia, Vancouver, BC, Canada

Poster Board Number P169 / Presentation Number W P169

Diagnosis of Acute Stroke Using Model-Free Temporal Correlation Perfusion (TCP) Mapping

Sunbin Song, Shreyansh Shah, Matthew Edwardson, NIH NINDS, Bethesda, MD; Daniel Glen, Richard Reynolds, Ziad Saad, Robert W Cox, NIH NIMH, Bethesda, MD; Lawrence L Latour, NIH NINDS, Bethesda, MD

Poster Board Number P170 / Presentation Number W P170

Hemodynamic Effects in Carotid Occlusion Using Arterial Spin Labeling and Transcranial Doppler

Randolph S Marshall, Ronald M Lazar, MaryKay A Pavol, Shazia Dharssi, Kevin Slane, Iris Asllani, Columbia Presbyterian Medical Ctr, New York, NY

Poster Board Number P171 / Presentation Number W P171

Intracranial Blood Flow Changes After Extracranial Carotid Stenting

Sophia F Shakur, Sepideh Amin-Hanjani, Caroline Bednarski, Xinjian Du, Victor Aletich, Fady Charbel, Ali Alaraj, Univ of Illinois at Chicago, Chicago, IL

Poster Board Number P172 / Presentation Number W P172

Prevalence of Positive Dwi Findings in Relation to Tia Etiology

Yasufumi Gon, Manabu Sakaguchi, Syuhei Okazaki, Hideki Mochizuki, Kazuo Kitagawa, Osaka Univ Graduate Sch of Med, Suita, Japan

Poster Board Number P173 / Presentation Number W P173

The Use of Mass Spectroscopy-Based Proteomics to Identify Novel Biomarkers of Cerebral Ischemia

Paul M George, Christopher M Adams, Michael Mlynash, Christian H Kjaergaard, Calvin J Kuo, Stephanie Kemp, Madelleine Garcia, Gregory W Albers, Jean Marc Olivot, Stanford Univ, Stanford, CA

Poster Board Number P174 / Presentation Number W P174

Association of Moyamoya Disease With Thyroid Autoantibodies and Thyroid Function: A Case-control Study and Meta-analysis
Chunyan Lei, West China Hosp, Sichuan Univ, Chengdu, China

Poster Board Number P175 / Presentation Number W P175

Diagnostic Yield of Echocardiography in Patients Presenting With Transient Ischemic Attack

Christina A Wilson, Univ of Florida, Gainesville, FL; Waimei Tai, Stanford Univ, Stanford, CA; Jamsheed A Desai, Univ of Calgary, Calgary, AB, Canada; Jean-Marc Olivot, Stanford, Stanford, CA; Shelagh B Coutts, Univ of Calgary, Calgary, AB, Canada; Gregory W Albers, Stanford Univ, Stanford, CA; Brett L Cucchiara, Univ of Pennsylvania, Philadelphia, PA

Poster Board Number P176 / Presentation Number W P176

Relationship Between Right-to-Left Shunting and Microembolic Signals on Transcranial Doppler Monitoring

Zubair A Ahmed, Lauren Koffman, Rebecca Michael, Leasa Baus, Larry Raber, Irene Katzan, Cleveland Clinic Fdn, Cleveland, OH

Emergency Care/Systems Posters I

W P177 – W P195

Poster Board Number P177 / Presentation Number W P177

Direct to CT: Overcoming Barriers to Reduce Door to Needle times in Acute Stroke Patients

Skye Coote, Tanya Frost, Shaloo Singhal, Eastern Health, Box Hill, Victoria, Australia; Chris Bladin, Amanda Gilligan, Eastern Health; Monash Univ; The Florey Inst of Neuroscience and Mental Health, Box Hill, Victoria, Australia

Poster Board Number P178 / Presentation Number W P178

Multiple Concurrent Strategies are Required to Achieve Door-to-Needle Time Under One Hour for Thrombolysis of Acute Ischemic Stroke in the Majority of Patients

Jennifer Linzey, Jane Rosete, Paulo Berger, William Corey, William Neil, Marion Yerxa, Kaiser Permanente, San Diego, CA

Poster Board Number P179 / Presentation Number W P179

Reducing Time to Treatment – The Role of Stroke Neurologist as First Responder

Shelly Ozark, Christine Holmstedt, Perette Sabatino, Tanya Turan, Medical Univ of South Carolina, Charleston, SC

Poster Board Number P180 / Presentation Number W P180

Sex Differences in Acute Stroke Evaluation

Bryant H Chee, Rema Raman, Karin Ernstrom, Dawn M Meyer, Brett C Meyer, Thomas M Hemmen, Amy K Guzik, Univ of California, San Diego, San Diego, CA

Poster Board Number P181 / Presentation Number W P181

Getting Under Twenty Minutes: Use of the Computed Tomography Direct Protocol to Improve Door to Needle Times

Mark Kozlowski, Michelle Whaley, Christopher Fanale, Byron Spencer, Swedish Medical Ctr, Englewood, CO

Poster Board Number P182 / Presentation Number W P182

Reducing Door-to-Needle Time by Direct Transfer on CT Table

Joachim Röther Sr, Antonia Bauer de Torres, Bernd Eckert, Barbara Hogan, Ulrike Guessow, Anna Michahelles, Peter Michels, Asklepios Klinik Hamburg Altona, Hamburg, Germany

Poster Board Number P183 / Presentation Number W P183

Testing the Utility of an Emergency Room-Based Stroke Evaluation Protocol

Gyeong-Moon Kim, Johanna Helenius, E Murat Arsava, Hakan Ay, Massachusetts General Hosp, Harvard Medical Sch, Charlestown, MA

Poster Board Number P184 / Presentation Number W P184

Comparison of Thrombolytic Treatment for Acute Ischemic Stroke Pre- and Post-Telemedicine Implementation in the Spoke Hospital Setting

William K Mountford, Premier Healthcare Alliance, Charlotte, NC; Er Chen, Genentech, South San Francisco, CA; Michelle R Krukas, Premier Healthcare Alliance, Charlotte, NC; Darren Tayama, Genentech, South San Francisco, CA; Frank R Ernst, Premier Healthcare Alliance, Charlotte, NC; Jeff Wagner, Blue Sky Neurology, Englewood, CO

Poster Board Number P185 / Presentation Number W P185

A Smartphone Application Can Aid in the Evaluation, Treatment, and Clinical Trial Enrollment of the Acute Stroke Patient

Claude Nguyen, Tzu-Ching Wu, Andrew Barreto, James Grotta, Sean Savitz, Univ of Texas, Houston, TX

Poster Board Number P186 / Presentation Number W P186

Usefulness of the New Prehospital Cerebrovascular Disease Triage Score for Patients With Impaired Consciousness by Emergency Medical Services

katsufumi kajimoto, Natl Cardiovascular Ctr, Suita, Japan; Hideaki Kanki, Osaka Univ Graduate Sch of Med, Suita, Japan; Kazuyuki Nagatsuka, Natl Cardiovascular Ctr, Suita, Japan

Poster Board Number P187 / Presentation Number W P187

Utilization of Emergency Medical Services to Transfer Acute Stroke Patients Directly to Scanning Reduces the Length of Time to Scan Result

Scott Dunbar, Theresa Hoeffcker, Avery Schwenk, Delaware County Memorial Hosp, Drexel Hill, PA

Poster Board Number P188 / Presentation Number W P188

Achieving Sub-20min tPA Door-to-needle Times – the Importance of Patient Details on Prenotification and Point-of-care INR

Bruce Campbell, Nawaf Yassi, Louise Weir, Melissa Ugalde, Peter Hand, Bernard Yan, Dept of Med and Neurology, Melbourne Brain Ctr at the Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia; Grant Hocking, Ambulance Victoria, Melbourne, Australia; Melinda Triesdale, Emergency Dept, Royal Melbourne Hosp, Parkville, Australia; Stephen M Davis, Dept of Med and Neurology, Melbourne Brain Ctr at the Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia; Atte Meretoja, Dept of Neurology, Helsinki Univ Central Hosp, Helsinki, Finland

Poster Board Number P189 / Presentation Number W P189

Characteristics of Rural Pre-Hospital Stroke Transports

Charles Whiteman, Debra Paulson, Rosanna Sikora, Russell Doerr, Stephen Davis, Danielle Davidov, West Virginia Univ, Morgantown, WV

Poster Board Number P190 / Presentation Number W P190

Emergency Medical Services Protocols for Routing Stroke Patients to Designated Stroke Center Hospitals

Nikolay Dimitrov, Keck Sch of Med, Los Angeles, CA; William Koenig, Nichole Bosson, Los Angeles Emergency Medical Services Agency, Santa Fe Springs, CA; Sarah Song, Rush Univ, Chicago, IL; Jeffrey L Saver, UCLA Stroke Ctr, Los Angeles, CA; Nerses Sanossian, Keck Sch of Med, Los Angeles, CA

Poster Board Number P191 / Presentation Number W P191

Neurology Consultation During Assessment of Acute Stroke Patients With Mild or Rapidly Improving Symptoms

Lindsay Olson-Mack, Scripps Mercy Hosp, San Diego, CA; Katherine Clarkson-Afshar, Renee Richetts, Scripps Health, La Jolla, CA; Christopher Bajkiewicz, Scripps Memorial Hospital La Jolla, La Jolla, CA; Lynn Berger, Scripps Green Hosp, Scripps Memorial Hosp Encinitas, La Jolla, CA

Poster Board Number P192 / Presentation Number W P192

A Direct Telecommunication Between Doctors of a Comprehensive Stroke Center and Local Hospitals Significantly Shortened the Door-to-Puncture Time for Intraarterial Thrombectomy

Hye Seon Jeong, Hyunjo Kwon, Hyunsong Koh, Heesun Yu, Nayoung Yun, Chungnam Natl Univ Hosp, Daejeon, Korea, Republic of; Sang-Geun Oh, Bakjae General Hosp, Nonsan, Korea, Republic of; Hyun Jeong Kwag, Daejeon Veterans Hosp, Daejeon, Korea, Republic of; Hee-Jung Song, Jei Kim, Chungnam Natl Univ Hosp, Daejeon, Korea, Republic of

Poster Board Number P193 / Presentation Number W P193

Early Involvement of Stroke Neurologist Allows Efficient Tissue Plasminogen Activator Administration in Member Hospitals of a Telemedicine Network

Pratik Bhattacharya, Wayne State Univ, Detroit, MI; Connie Parliament, Paula Alcorn, Michigan Stroke Network, Pontiac, MI; Kumar Rajamani, Gregory Norris, Andrew Xavier, Aniel Majihoo, Ramesh Madhavan, Wayne State Univ, Detroit, MI

Poster Board Number P194 / Presentation Number W P194

Telestroke is Not Associated With a Lower Rate of IV Thrombolysis

Neelofer Shafi, Univ of Illinois at Chicago, Chicago, IL; Sandra Hoelzel, Resurrection Medical Ctr, Chicago, IL; Rebecca Grysiewicz, Univ of Illinois at Chicago, Chicago, IL; Aslam Khaja, Central Dupage Hosp, Winfield, IL; Fernando D Testai, Univ of Illinois at Chicago, Chicago, IL

Poster Board Number P195 / Presentation Number W P195

Standardized Patient Simulation Can Be Incorporated Into Emergency Medicine Resident Training on Performance of the National Institutes of Health Stroke Scale

Mary Stegmaier, Loren McLendon, Carmen Smotherman, Lisa Jacobson, Wayne Hodges, Diane Falk, Loretta Schnepel, Dale Kraemer, Jennifer Hall, Sunita Dodani, Scott Silliman, Univ of Florida Health, Jacksonville, FL

Poster Board Number P196 / Presentation Number W P196

Post-Stroke Activation of Angiotensin Converting Enzyme 2 is Neuroprotective
Douglas M Bennion, Emily Haltigan, Alexander Irwin, Donnangelo Lauren, David Ploquinto, Colin Sumners, Univ of Florida, Gainesville, FL

Poster Board Number P197 / Presentation Number W P197

Pulsed Electromagnetic Field Attenuates High Intracranial Pressure Induced Microvascular Shunting in Rats
Denis E Bragin, Olga Bragina, Gloria Statom, Edwin M Nemoto, Univ of New Mexico Sch of Med, Albuquerque, NM

Poster Board Number P198 / Presentation Number W P198

Sphingomyelin Synthases Regulate Neuronal Cell Proliferation and Cell Cycle Progression
Umadevi V Wesley, Daniel Tremmel, Robert Dempsey, Univ of Wisconsin, Madison, WI

Poster Board Number P199 / Presentation Number W P199

Deficiency of Glia Maturation Factor Abrogates Brain Injury and Inflammation in a Murine Model of Stroke
Mohammad Moshahid Khan, Asgar Zaheer, Univ of Iowa, Iowa City, IA

Poster Board Number P200 / Presentation Number W P200

Human Albumin Improves Leptomeningeal Collateral Flow Following Experimental Stroke in Type 2 Diabetic Mice
Yosuke Akamatsu, Univ of California, San Francisco, San Francisco, CA; Chih Cheng Lee, Veterans Affairs Medical Ctr, San Francisco, San Francisco, CA; Jialing Liu, Univ of California, San Francisco, San Francisco, CA

Poster Board Number P201 / Presentation Number W P201

Angiopoietin-1 Mimetic Peptide Treatment of Stroke Regulates MicroRNA Expression and Promotes Neuroprotection in Type One Diabetic Rats
Alex Zacharek, Henry Ford Hosp, Novi, MI; Michael Chopp, Ruizhuo Ning, Tao Yan, Henry Ford Hosp, Detroit, MI; Paul Van Slyke, Sunnybrook Res Inst, Toronto, ON, Canada; Daniel Dumont, Sunnybrook Health Sciences Ctr, Toronto, ON, Canada; Cynthia Roberts, Jieli Chen, Henry Ford Hosp, Detroit, MI

Poster Board Number P202 / Presentation Number W P202

Sex Differences in Transforming Growth Factor B Activated Kinase-1 Signaling Following Experimental Stroke
Meaghan Roy-O'Reilly, Matthew Howe, Louise McCullough, Univ of Connecticut Health Ctr, Farmington, CT

Poster Board Number P203 / Presentation Number W P203

Clot Injection Speed Differentially Affects Infarct Volume and Neurological Outcome in Vehicle Versus tPA Treated Rats
Marilena Marinescu, James Bouley, Juyu Chueh, Marc Fisher, Nils Henninger, Univ of Massachusetts Medical Sch, Worcester, MA

Poster Board Number P205 / Presentation Number W P205

Specific Deficiency of Brain ABCA1 Increases Inflammation and White Matter Damage and Worsens Functional Outcome After Stroke
Xu Cui, Michael Chopp, Yisheng Cui, Henry Ford Hosp, Detroit, MI; Yun Wang, Natl Health Res Insts, Taiwan, China; Cynthia Roberts, Henry Ford Hosp, Detroit, MI; Joanna M Karasinska, Michael R Hayden, Ctr for Molecular Med and Therapeutics, Univ of British Columbia, Vancouver, BC, Canada; Jieli Chen, Henry Ford Hosp, Detroit, MI

Poster Board Number P206 / Presentation Number W P206

Analysis of SUMO3-Modified Proteome in Post-Ischemic Mouse Brain
Wei Yang, Huaxin Sheng, Will Thompson, Shengli Zhao, Liangli Wang, Duke University Medical Ctr, Durham, NC; Xiaozhi Liu, The Fifth Central Hosp of Tianjin, Tianjin, China; Wulf Paschen, Duke University Medical Ctr, Durham, NC

Poster Board Number P207 / Presentation Number W P207

Association of Increased Expression of NOX4 With Susceptibility to Hypoxia-Induced ROS Overproduction and ICAM-1 and VCAM-1 Upregulation in Brain Microvascular Endothelial Cells
Yusuke Shimoda, Takeo Abumiya, Masahito Kawabori, Hideo Shichinohe, Naoki Nakayama, Ken Kazumata, Kiyohiro Houkin, Hokkaido Univ Graduate Sch of Med, Sapporo, Japan

Poster Board Number P208 / Presentation Number W P208

Treatment of Sodium Hydrogen Sulfide With Normothermia Reduces Neuronal Damage in the Striatum After Cardiac Arrest in Mice
Shin Nakayama, Noriko Taguchi, Makoto Tanaka, Univ of Tsukuba, Ibaraki, Japan

Poster Board Number P209 / Presentation Number W P209

Development of a Useful Brain Ischemic Stroke Model via a Transient Occlusion of Middle Cerebral Artery in the Nonhuman Primate
Eiketsu Sho Sr, Zhenghua Zhu, Yuchao Zhao, Jiqiao Chen, Daomei He, Weifang Wang, Xiaodie Tu, Junchao Ma, Weiwen Zheng, Kunming Biomed Intl, Kunming, Yunnan, China

Poster Board Number P210 / Presentation Number W P210

Plasma Kallikrein Induces Ischemic Brain Damage Through Cleavage-Dependent Activation of NMDA Receptors
Gongxiong wu, Long-Jun Wu, Joslin Diabetes Ctr at HMS, Boston, MA; David E Clapham, Howard Hughes Medical Inst, Children's Hosp Boston, Boston, MA; Edward P Feener, Joslin Diabetes Ctr at HMS, Boston, MA

Poster Board Number P211 / Presentation Number W P211

Investigating the Cause for "Collateral Failure" in Stroke-in-Progression: Intracranial Pressure Elevation Reduces Flow Through Collateral Vessels
Daniel Beard, Damian McLeod, Neil J Spratt, Univ of Newcastle, Callaghan, NSW, Australia

Poster Board Number P212 / Presentation Number W P212

Combination Therapy With Amlodipine and Irbesartan Persists a Neuroprotective Effect Associated With Glial Deactivation on Paraventricular Nucleus in Hypertensive Rats
Yu Hasegawa, Takashi Nakagawa, Ken Uekawa, Minglie Ma, Hakubun Lin, Hiroyuki Kusaka, Tetsuji Katayama, Daisuke Sueta, Kensuke Toyama, Nobutaka Koibuchi, Shohei Kim-Mitsuyama, Kumamoto Univ Sch of Med, Kumamoto, Japan

Poster Board Number P213 / Presentation Number W P213

Leptomeningeal Collateral Growth Is Impaired In Type 2 Diabetic Mice
Toshiro Yukami, Yoshiki Yagita, Akihiro Watanabe, Tsutomu Sasaki, Hideki Mochizuki, Kazuo Kitagawa, Osaka Univ Graduate Sch of Med, Suita, Japan

Poster Board Number P214 / Presentation Number W P214

Neuroregenerative Effects of the Peptide Hormone Ghrelin After Cerebral Ischemia
Kai Diederich, Antje Schmidt, Jan-Kolja Strecker, Univ of Muenster, Muenster, Germany; Wolf-Rüdiger Schäbitz, Evangelisches Krankenhaus, Bielefeld, Bielefeld, Germany; Jens Minnerup, Univ of Muenster, Muenster, Germany

Poster Board Number P215 / Presentation Number W P215

Effects of Angiopoietin-1 on Hemorrhagic Transformation and Cerebral Edema after Tissue Plasminogen Activator Treatment for Ischemic Stroke
Takayoshi Shimohata, Kunio Kawamura, Tetsuya Takahashi, Masato Kanazawa, Masato Kanazawa, Hironaka Igarashi, Tsutomu Nakada, Takayoshi Shimohata, Neurology, Niigata Univ, Niigata, Japan

Poster Board Number P216 / Presentation Number W P216

Inducible Glutamate Oxaloacetate Transaminase: A New Target for Stroke Therapy
Cameron Rink, Surya Gnyawali, Mallory Heigel, Sashwati Roy, Chandan K Sen, Savita Khanna, The Ohio State Univ Wexner Medical Ctr, Columbus, OH

Poster Board Number P217 / Presentation Number W P217

The Impaired Leptomeningeal Collateral Flow Recruitment in the Type II Diabetic Mice is Independent of Hyperglycemia
Yosuke Akamatsu, Univ of California, San Francisco, San Francisco, CA; Chih Cheng Lee, Veterans Affairs Medical Ctr, San Francisco, San Francisco, CA; Jialing Liu, Univ of California, San Francisco, San Francisco, CA

Poster Board Number P218 / Presentation Number W P218

Interleukin 21 receptor: A Major Modulator of Infarct Volume
Han Kyu Lee, Sehoon Keum, Donald C Lo, Douglas A Marchuk, Duke Univ Medical Ctr, Durham, NC

Poster Board Number P219 / Presentation Number W P219

Delivery of an Oral Formulation of Angiotensin-(1-7) After Stroke is Neuroprotective
Douglas M Bennion, Emily Haltigan, Alexander Irwin, Univ of Florida, Gainesville, FL; Frederico B De Sousa, Ruben D Sinisterra, Robson A Santos, Federal Univ of Minas Gerais, Belo Horizonte, Brazil; Colin Sumners, Univ of Florida, Gainesville, FL

Poster Board Number P220 / Presentation Number W P220

Suppression of Interleukin 33 Limits Ischemic Brain Injury and Improves Functional Outcome in Murine Stroke Model
Atif Zafar, Mohammad Moshahid Khan, Asgar Zaheer, Univ of Iowa Hosp and Clinics, Iowa City, IA

Poster Board Number P221 / Presentation Number W P221**Argonaute 2 Mediates Sildenafil-Promoted Axonal Outgrowth**

Yi Zhang, Micheal Chopp, Xianshuang Liu, Zheng Gang Zhang, Henry Ford Hosp, Detroit, MI

Poster Board Number P222 / Presentation Number W P222**Activated Microglia Contribute to Neurovascular Integrity and Limit Brain Injury After Acute Neonatal Focal Stroke**

David Fernández-López, Joel Faustino, Univ of California San Francisco, San Francisco, CA; Alexander Klibanov, Univ of Virginia, Charlottesville, VA; Nikita Derugin, Univ of California San Francisco, San Francisco, CA; katerina Akassoglou, Gladstone Inst of Neurodegenerative Diseases, San Francisco, CA; Zinaida S Vexler, Univ of California San Francisco, San Francisco, CA

In-hospital Treatment Posters I**W P223 – W P245****Poster Board Number P223 / Presentation Number W P223****Treatment of Cervical Artery Dissection with Different Antithrombotic Agents**

Fan Z Caprio, Deborah Bergman, Yvonne Curran, Richard Bernstein, Shyam Prabhakaran, Northwestern Univ, Chicago, IL

Poster Board Number P224 / Presentation Number W P224**SOS Score: an Optimized Score to Screen Acute Stroke Patients for Obstructive Sleep Apnea**

Millene R Camilo, Heidi H Sander, Alan L Eckeli, Regina M Fernandes, Taiza E Santos-Pontelli, Pedro T Pinto, Daniel G Abud, Joao P Leite, Octavio M Pontes-Neto, Univ of São Paulo – Ribeirão Preto Sch of Med, Ribeirão Preto, Brazil

Poster Board Number P225 / Presentation Number W P225**The Relationship between Leukocytosis and Time to Neurodeterioration**

Amelia K Boehme, Univ of Alabama at Birmingham, Birmingham, AL; James E Siegler, Tulane Univ Medical Ctr, New Orleans, LA; Karen C Albright, Univ of Alabama at Birmingham, Birmingham, AL; Alexander J George, Tulane Univ Medical Ctr, New Orleans, LA; Dominique Monlezun, Tulane Univ Medical Ctr, new Orleans, LA; Adam Friedant, Brittany M Gouse, Tulane Univ Medical Ctr, New Orleans, LA; T Mark Beasley, Univ of Alabama at Birmingham, Birmingham, AL; Sheryl Martin-Schild, Tulane Univ Medical Ctr, New Orleans, LA

Poster Board Number P226 / Presentation Number W P226**Delirium After Intracerebral Hemorrhage Is Common and Independently Predicts Reduced Domain-Specific Quality Of Life**

Andrew M Naidech, Jennifer L Beaumont, Matthew B Maas, Michael L Ault, David Cella, E Wesley Ely, Northwestern Univ, Chicago, IL

Poster Board Number P227 / Presentation Number W P227**Cerebral Hyperperfusion Syndrome after Intravenous Thrombolysis for Acute Ischemic Stroke**

Leonard Yeo, Rahul Rathakrishnan, Hock Luen Teoh, Prakash Paliwal, Kay W Ng, Chandra Bharatendu, Benjamin Wakerley, Jonathan Ong, Amit Batra, Eric Y Ting, Arvind K Sinha, Vijay Sharma, NUHS, singapore, Singapore

Poster Board Number P228 / Presentation Number W P228**Delayed Decompression Hemicraniectomy in Massive Hemispheric Infarction Reduces Mortality but Does Not Improve Functional Outcome**

Amit Batra, Nivdeh dinesh, Leonard Yeo, Nabin Sakar, Ghulam kawnayn, Tseng Tsai, Ning Chou, Liang Sai, Prakash Paliwal, Aftab Ahmad, Raymond C Seet, Bernard P Chan, Vijay Sharma, Hock Luen Teoh, NUHS, Singapore, Singapore

Poster Board Number P229 / Presentation Number W P229**Reduction of Peroxiredoxin 5 Concentration in Patients following Ischemic Stroke**

Allison Kunze, Dannielle Zierath, Patricia Tanzi, Kyra J Becker, Univ of Washington, Seattle, WA

Poster Board Number P230 / Presentation Number W P230**A Simple Prediction Score for Hospital-Acquired Infections in Acute Ischemic Stroke**

Adam Friedant, Brittany Gouse, Tulane Univ Medical Ctr, New Orleans, LA; Amelia K Boehme, Univ of Alabama at Birmingham, Birmingham, AL; James E Siegler, Tulane Univ Medical Ctr, New Orleans, LA; Karen C Albright, Univ of Alabama at Birmingham, Birmingham, AL; Dominique Monlezun, Alexander George, Tulane Univ Medical Ctr, New Orleans, LA; T Mark Beasley, Univ of Alabama at Birmingham, Birmingham, AL; Sheryl Martin-Schild, Tulane Univ Medical Ctr, New Orleans, LA

Poster Board Number P231 / Presentation Number W P231**Relationship Between Perioperative Levels of Circulating Biomarkers and Thromboembolic Events Developing After Carotid Artery Stenting**

Hideki Kanamaru, Daisuke Maruyama, Daizo Ishii, Norikata Kobayashi, Keita Yamachi, Kenichi Morita, Tetsu Satow, Hiroharu Kataoka, Koji Iihara, Natl Cerebral and Cardiovascular Ctr, Suita, Japan

Poster Board Number P232 / Presentation Number W P232**Lower Rates of Delirium in Stroke Units May Reflect Selection Bias**

Eric M Liotta, Carlos Corado, Deborah L Bergman, Richard A Bernstein, Fan Z Caprio, Yvonne Curran, James C Guth, Matthew B Maas, Andrew M Naidech, Shyam Prabhakaran, Northwestern Memorial Hosp, Chicago, IL

Poster Board Number P233 / Presentation Number W P233**Multi-Center Study of Adverse Events After Tissue-Type Plasminogen Activator Treatment for Ischemic Stroke**

Hannah Fernandez-Gotico, Kaiser Permanente, Oakland, CA; Tiffany Lightfoot, Doctors Medical Ctr, Oakland, CA; Melissa Meighan, Kaiser Permanente, Oakland, CA

Poster Board Number P234 / Presentation Number W P234**Blood Pressure Guideline Adherence In Patients With Severe Acute Cerebrovascular Events**

Guilherme B Porto, Alejandro M Spiotta, Edward C Jauch, Medical Univ of South Carolina, Charleston, SC

Poster Board Number P235 / Presentation Number W P235**Predictors of Platelet Transfusion in Patients with Intracerebral Hemorrhage**

Waldo R Guerrero, Nicole R Gonzales, Univ of Texas Houston Health Science Ctr, Houston, TX; Padmini Sekar, Univ of Cincinnati Coll of Med, Cincinnati, OH; Jorge Castillo, Univ of Texas Houston Health Science Ctr, Houston, TX; Charles J Moomaw, Univ of Cincinnati Coll of Med, Cincinnati, OH; Bradford B Worrall, Univ of Virginia, Depts of Neurology and Public Health Sciences, Charlottesville, VA; Carl D Langefeld, Ctr for Public Health Genomics Dept of Biostatistical Sciences Div of Public Health Science Wake Forest Sch of Med, Wake Forest, NC; Sharyl R Martini, Matthew Flaherty, Univ of Cincinnati Coll of Med, Cincinnati, OH; Kevin N Sheth, Univ of Maryland Sch of Med, Dept of Neurology, Baltimore, MD; Jennifer Osborne, Daniel Woo, Univ of Cincinnati Coll of Med, Cincinnati, OH

Poster Board Number P236 / Presentation Number W P236**Predictors of thrombolysis in Young Adults with Ischemic Stroke**

Syed F Ali, Lee H Schwamm, Aneesh B Singhal, Massachusetts General Hosp/ Harvard Medical Sch, Boston, MA

Poster Board Number P237 / Presentation Number W P237**IV TPA Can be Safely Given Without CBC Results Back**

David Wang, Sarah Parker, Deepak Nair, Arun Talkad, Clayton J McNeil, Teresa Swanson-Devlin, Judi Beck, Jan L Jahnel, OSF/INI Comprehensive Stroke Ctr, Peoria, IL

Poster Board Number P238 / Presentation Number W P238**Early Initiation of New Oral Anticoagulants May be Safe In Acute Stroke and TIA Patients With Nonvalvular Atrial Fibrillation**

Takuya Ebata, Kensaku Shibazaki, Kenichirou Sakai, Jyunnya Aoki, Naoki Saji, Kazumi Kimura, Kasawaki medical school, Kurashiki-city Okayama-ken, Japan

Poster Board Number P239 / Presentation Number W P239**Multiscale Entropy Analysis of Heart Rate Variability Predicts Functional Outcome in ICU-Admitted Acute Stroke Patients**

Sung-Chun Tang, Natl Taiwan Univ Hosp, Taipei, Taiwan; Hsiao-I Jen, Natl Taiwan Univ, Taipei, Taiwan; Yen-Hung Lin, Chi-Sheng Hung, Dar-Ming Lai, Natl Taiwan Univ Hosp, Taipei, Taiwan; An-Yeu Wu, Natl Taiwan Univ, Taipei, Taiwan; Jiann-Shing Jeng, Ming-Fong Chen, Natl Taiwan Univ Hosp, Taipei, Taiwan

Poster Board Number P240 / Presentation Number W P240**The Effect of Telestroke Network on Tissue Plasminogen Activator Utilization and Door to Needle Time on Rural Hospitals**

Karina Castellon Larios, Katherine Rybka, Diana Greene-Chandos, Sergio Bergese, Michel Torbey, The Ohio State Univ Wexner Medical Ctr, Columbus, OH

Poster Board Number P241 / Presentation Number W P241**Early Anti-Coagulation in Acute Cardio-Embolic Stroke is Safe But Does Not Prevent Recurrent Stroke: A Single Centre Review**

Chris L Hahn, Michael D Hill, Univ of Calgary, Calgary, AB, Canada

Poster Board Number P242 / Presentation Number W P242**Clinical Implications of Changes of Aspirin Reaction Unit in Acute Ischemic Stroke**

Joon-Tae Kim, Kang-Ho Choi, Man-Seok Park, Ki-Hyun Cho, Dept of Neurology, Gwangju, Korea, Republic of

Poster Board Number P244 / Presentation Number W P244**Effect of Remote Limb Ischemic Conditioning on CBF as Measured by Arterial Spin Labeling in Human Stroke**

Forrest S Andersen, Scott Forseen, Nathan Yanasak, Bruce C Gilbert, Jeffrey A Switzer, Fenwick T Nichols, Askiel Bruno, Sneha Jacob, Brian Close, Albert Kim, Narsul Hoda, David C Hess, Georgia Regents Univ, Medical Coll of Georgia, Augusta, GA

Poster Board Number P245 / Presentation Number W P245**Process Improvement to Reduce Time Interval From Hospital Arrival to Intravenous Thrombolysis in Acute Stroke**

Eun Hye Kim, Kijung Lee, Dongbeom Song, Young Dae Kim, Yonsei Univ Coll of Med, Seoul, Korea, Republic of; Han-Jin Cho, Pusan Natl Univ Coll of Med, Pusan, Korea, Republic of; Kyung Yul Lee, Hyo Suk Nam, Ji Hoe Heo, Yonsei Univ Coll of Med, Seoul, Korea, Republic of

Intracerebral Hemorrhage Posters I**W P246 – W P261****Poster Board Number P246 / Presentation Number W P246****Diagnostic Value of Lobar Hemorrhages for Cerebral Amyloid Angiopathy in Hospital and Community-based Individuals: A Pathological Correlation Study**

Sergi Martinez-Ramirez, Massachusetts General Hosp, Boston, MA; Jose-Rafael Romero, Boston Univ, Boston, MA; MEDip Guro, Massachusetts General Hosp, Boston, MA; Shoamanesh Ashkan, Ann C McKee, Boston Univ, Boston, MA; Ellis van Etten, Octavio Pontes-Neto, Alison Ayres, Eitan Auriel, Massachusetts General Hosp, Boston, MA; Jayandra J Himali, Alexa S Beiser, Boston Univ, Boston, MA; Charles DeCarli, Univ of California, Davis, CA; Thor Stein, Victor E Alvarez, Boston Univ, Boston, MA; Matthew Frosch, Jonathan Rosand, Steven M Greenberg, Massachusetts General Hosp, Boston, MA; Sudha Seshadri, Boston Univ, Boston, MA; Anand Viswanathan, Massachusetts General Hosp, Boston, MA

Poster Board Number P247 / Presentation Number W P247**Dynamic Characterization of CT Angiographic Spot Sign**

Santanu Chakraborty, Mohammed Alhazzaa, Jason Wasserman, Kelly Sun, Grant Stotts, Mathew Hogan, Univ of Ottawa, Ottawa, ON, Canada; Andrew Demchuk, Univ of Calgary, Calgary, AB, Canada; Richard Aviv, Univ of Toronto, Toronto, ON, Canada; Dar Dowlatshahi, Univ of Ottawa, Ottawa, ON, Canada

Poster Board Number P248 / Presentation Number W P248**Cerebral Tissue Iron Quantification on MRI Following Intracerebral Hemorrhage**

Neeraj Chaudhary, Aditya S Pandey, Joseph J Gemmete, Kevin Merchak, Tom Chen-evert, Guohua Xi, Univ of Michigan Health System, Ann Arbor, MI

Poster Board Number P249 / Presentation Number W P249**Posterior White Matter Disease Distribution as a Predictor of CAA in Patients Without Intracerebral Hemorrhage**

Sekh Thanprasertsuk, Chulalongkorn Univ, Bangkok, Thailand; Sergi Martinez-Ramirez, Octavio Marques Pontes-Neto, Jun Ni, Alison Ayres, Anne Reed, Steven M Greenberg, Anand Viswanathan, Massachusetts General Hosp, Boston, MA

Poster Board Number P250 / Presentation Number W P250**The Impact of Acute Hypertensive Response on Mortality After Intracerebral Hemorrhage Differs Among Patients With and Without Left Ventricle Hypertrophy**

Octavio M Pontes-Neto, Sergi Martinez-Ramirez, Anand Viswanathan, Timothy C Tan, Maria C Nunes, Judy Hung, Eitan Auriel, Kristin M Schwab, Alison Ayres, Mahmut E Guro, Hakan Ay, Jonathan Rosand, Steven M Greenberg, Joshua N Goldstein, Massachusetts General Hosp – Harvard Medical Sch, Boston, MA

Poster Board Number P251 / Presentation Number W P251**Clinical and Imaging Characteristics of Hyper-Acute Intracerebral Hemorrhage**

Nurses Sanossian, Adrian M Burgos, Univ of Southern California, Los Angeles, CA; David S Liebeskind, J Pablo Villablanca, UCLA Stroke Ctr, Los Angeles, CA; Scott Hamilton, Stanford, Palo Alto, CA; Sidney Starkman, Jeffrey L Saver, UCLA Stroke Ctr, Los Angeles, CA; FAST-MAG Investigators and Coordinators

Poster Board Number P252 / Presentation Number W P252**Bleeding And Infection Risk With External Ventricular Drainage And Thrombolysis For Intraventricular Hemorrhage**

Mahua Dey, Agnieszka Stadnik, Lingjiao Zhang, Univ of Chicago, Chicago, IL; Nichol McBee, Johns Hopkins, Baltimore, MD; Carlos Kase, Boston Univ, Boston, MA; Ricardo Carhupoma, Malathi Ram, Karen Lane, Daniel Hanley, Wendy Ziai, Johns Hopkins, Baltimore, MD; Issam Awad, Univ of Chicago, Chicago, IL

Poster Board Number P253 / Presentation Number W P253**Swirl Sign is a Robust Predictor of Spot Sign and Poor Outcome in Ultra-early ICH Patients**

Christian Ovesen, Inger Havsteen, Anders Christensen, Christine Krarup, Hanne Christensen, Bispebjerg Univ Hosp, Copenhagen, Denmark

Poster Board Number P255 / Presentation Number W P255**Prior Use of Statins May Reduce Hematoma Growth in Intracerebral Hemorrhage Patients**

Fazeel M Siddiqui, Daiwai M Olson, UT Southwestern Medical Ctr, Dallas, TX; Padmini Sekar, Charles J Moomaw, Univ of Cincinnati Coll of Med, Cincinnati, OH; Jonathan Rosand, Massachusetts General Hosp/Harvard Medical Sch/Broad Inst, Boston, MA; Chelsea Kidwell, Georgetown Univ Medical center, Washington, DC; Sharyl Martini, Univ of Cincinnati Coll of Med, Cincinnati, OH; Anastasia Vashkevich, Massachusetts General Hosp, Boston, MA; Sonja Stutzman, UT Southwestern Medical Ctr, Dallas, TX; Jennifer Osborne, Univ of Cincinnati Coll of Med, Cincinnati, OH; Carl D Langefeld, Wake Forest Univ Sch of Med, Winston-Salem, NC; Christiana E Hall, UT Southwestern Medical Ctr, Dallas, TX; Daniel Woo, Univ of Cincinnati Coll of Med, Cincinnati, OH

Poster Board Number P256 / Presentation Number W P256**Influence of Withdrawal of Care on Spontaneous Intracerebral Hemorrhage Predictive Scales**

Santiago Ortega Gutierrez, Mount Sinai Health System, New York, NY; maria angeles aranda calleja, Columbia Univ, New York, NY; Pankhil Shah, Medical Coll of Wisconsin, Milwaukee, WI; Sergio Amaro Delgado, Hosp Clinic, Barcelona, Spain; sachin agarwal, Alyson Cunningham, Columbia Univ Medical Ctr, New York, NY; Rehan Sajjad, Aurora-St Lukes hospital, Milwaukee, WI; Viktor Szeder, Univ of California Los Angeles, Los Angeles, CA; Michel T Torbey, The Ohio State Univ Medical Ctr, Columbus, OH

Poster Board Number P257 / Presentation Number W P257**Predictors of the CT Angiography Spot Sign in Deep and Lobar Intracerebral Hemorrhage**

Farid Radmanesh, Guido J Falcone, Christopher D Anderson, Thomas W Battey, Alison M Ayres, Anastasia Vashkevich, Kristin Schwab, Javier M Romero, Anand Viswanathan, Steven M Greenberg, Joshua N Goldstein, Jonathan Rosand, Massachusetts General Hosp, Boston, MA; H Bart Brouwers, Univ Medical Ctr Utrecht, Utrecht Univ, Utrecht, Netherlands

Poster Board Number P258 / Presentation Number W P258**Magnitude of Acute Blood Pressure Decrease Does Not Predict the Presence of Diffusion-Restricted Lesions in Patients With Intracerebral Hemorrhage**

Laura C Gioia, Victor Choi, Mahesh Kate, Derek Emery, Kenneth Butcher, Univ of Alberta, Edmonton, AB, Canada

Poster Board Number P259 / Presentation Number W P259**ICH & FUNC Scores in the Ethnic/Racial Variations of Intracerebral Hemorrhage (ERICH) Study**

Kevin N Sheth, Yale Medical Sch, New Haven, CT; Gene Sung, Univ of Southern California, New Haven, CT; Carl D Langefeld, Ctr for Public Health Genomics, Wake Forest Sch of Med, Winston-Salem, NC; Charles J Moomaw, Jennifer Osborne, Univ of Cincinnati Coll of Med, Cincinnati, OH; Mitchell SV Elkind, Columbia Univ, New York, NY; Sharyl A Martini, Univ of Cincinnati Coll of Med, Cincinnati, OH; Anastasia Vashkevich, Massachusetts General Hosp, Boston, MA; Sebastian Koch, Univ of Miami, Miller Sch of Med, Miami, FL; Jonathan Rosand, Massachusetts General Hosp/Harvard Medical Sch/Broad Inst, Boston, MA; Daniel Woo, Univ of Cincinnati Coll of Med, Cincinnati, OH; ERICH Investigators

Poster Board Number P260 / Presentation Number W P260**Ultra High Field MRI of Hemorrhagic Cortical Pathology in Cerebral Amyloid Angiopathy: A 7T Imaging Study**

Jun Ni, Peking Union Medical Coll Hosp, Beijing, China; Eitan Auriel, Sergi Martinez-Ramirez, Boris Keil, Edip M Guro, Anne K Reed, Panagiotis Fotiadis, Steven M Greenberg, Anand Viswanathan, Massachusetts General Hosp, Boston, MA

Poster Board Number P261 / Presentation Number W P261**Predictors of the Need for Intensive Care Unit Admission Following Supratentorial Intracerebral Hemorrhage**

James Klaas, Sherri Braksick, Petra Kofronova, Jay Mandrekar, Alejandro Rabinstein, Robert D Brown Jr, Mayo Clinic, Rochester, MN

Poster Board Number P262 / Presentation Number W P262**Using Scarce Stroke Care Resources for the Greatest Impact: Examining Ontario's Stroke Report Card 2011/12**

Beth Linkewich, North and East GTA Stroke Network, Toronto, ON, Canada; Ferhana Khan, Inst for Clinical and Evaluative Sciences, Toronto, ON, Canada; Ruth Hall, Inst for Clinical Evaluative Sciences, Toronto, ON, Canada

Poster Board Number P263 / Presentation Number W P263**Rapidly Resolving Symptoms Stop the Race! No Symptoms, No Alteplase!**

Shannon L Smith, Mark C Schultz, Henry Mayo Newhall Memorial Hosp, Valencia, CA

Poster Board Number P264 / Presentation Number W P264**Perception Of Educational Benefits Of Online National Institute Of Health Stroke Scale Training By Nursing Staffs**

Jill Danner, Hillary Quintanilla, Sarah Hancock, Univ Medical Ctr, Lubbock, TX; Martha Howell, Texas Tech Univ Health Science Ctr Sch of Med, Lubbock, TX; Jongyeol Kim, Texas Tech Univ Health Sciences Ctr Sch of Med, Lubbock, TX

Poster Board Number P265 / Presentation Number W P265**Improved Symptomatic ICH Rates for Ischemic Stroke Patients Receiving IV rtPA**

Karin V Nystrom, Yale-New Haven Hosp, New Haven, CT; David T Asuzu, Kevin N Sheth, Yale Univ Sch of Med, New Haven, CT; Nai Fang Chi, Taipei Medical Univ, Taipei City, Taiwan; Janet R Halliday, Charles Wira, David M Greer, Joseph L Schindler, Yale Univ Sch of Med, New Haven, CT

Poster Board Number P266 / Presentation Number W P266**The Discharge Modified Rankin Score Correlates with Established Hemorrhagic Transformation Scores in Ischemic Stroke Patients Treated with Thrombolysis**

David T Asuzu, Yale Univ Sch of Med, New Haven, CT; Karin V Nystrom, Yale-New Haven Hosp, New Haven, CT; Kevin N Sheth, Janet R Halliday, Charles Wira, David M Greer, Yale Univ Sch of Med, New Haven, CT; David Pritchard, Yale-New Haven Hosp, New Haven, CT; Joseph L Schindler, Yale Univ Sch of Med, New Haven, CT

Poster Board Number P267 / Presentation Number W P267**Utilizing a Team-Based Educational Approach to Increase IV rt-PA Treatment Rates at a Community-Based Target: Stroke Honor Roll Designated Primary Stroke Center (PSC) in Urban Los Angeles**

Antonio Liu, Jennifer Garland, White Memorial Medical Ctr, Los Angeles, CA

Poster Board Number P268 / Presentation Number W P268**Developing a Stroke Coordinator Consortium: Past, Present, and Future**

Erin Rindels, Angela Overton, Univ of Iowa Hosp and Clinics, Iowa City, IA; Iowa Stroke Coordinator Consortium

Poster Board Number P269 / Presentation Number W P269**Collaboration in the Emergency Department Improves Stroke Care**

Julie M Fussner, Kiefah Awadallah, Univ Hosp Case Medical Ctr, Cleveland, OH

Poster Board Number P270 / Presentation Number W P270**Impact of a Family Participation Program on Perceived Respect, Collaboration and Support**

Debra Milkosky, Deborah Durand, Diane Reehil, Trinitas Regional Medical Ctr, Elizabeth, NJ

Poster Board Number P272 / Presentation Number W P272**An Innovative Strategy for Providing Stroke Education to Patients With a Visual Impairment**

Jennifer Cummins, Cheryl Deitch, Riddle Hosp, Media, PA

Poster Board Number P273 / Presentation Number W P273**Health Care Professionals' Perspectives on Implementing Family Caregiver Education and Support Programs into the Ontario Stroke System**

Victrine Tseung, Susan Jaglal, Nancy Salbach, Jill I Cameron, Univ of Toronto, Toronto, ON, Canada

Poster Board Number P274 / Presentation Number W P274**Developmental Evaluation Enhances Utility of the Toronto Stroke Networks Virtual Community of Practice**

Joanne Fortin, North & East GTA Stroke Network, Toronto, ON, Canada; Krystyna Skryabka, South East Toronto Stroke Network, Toronto, ON, Canada; Gail Avinoam, Shelley Sharp, Toronto West Stroke Network, Toronto, ON, Canada; Jacqueline Willems, South East Toronto Stroke Network, Toronto, ON, Canada; Elizabeth Linkewich, North & East GTA Stroke Network, Toronto, ON, Canada

Poster Board Number P275 / Presentation Number W P275**Minimizing Door to Needle Times for Administration of rt-PA in Acute Ischemic Stroke**

Catherine J Videtto, Maryjane Finnegan, Donna Thomson, St Catherine of Siena Medical Ctr, Smithtown, NY

Poster Board Number P276 / Presentation Number W P276**Developing Excellence in Stroke Care Through Knowledge Building and Interprofessional Collaborative Processes**

Joanne Fortin, North & East GTA Stroke Network, Toronto, ON, Canada; Krystyna Skrabka, South East Toronto Stroke Network, Toronto, ON, Canada; Gail Avinoam, Toronto West Stroke Network, Toronto, ON, Canada; Jacqueline Willems, South East Toronto Stroke Network, Toronto, ON, Canada; Shelley Sharp, Toronto West Stroke Network, Toronto, ON, Canada; Elizabeth Linkewich, North & East GTA Stroke Network, Toronto, ON, Canada

Poster Board Number P277 / Presentation Number W P277**Specialized Teams React on Key Examinations: The Impact of Triage in Acute Ischemic Stroke**

Jennifer Phillips, Leesa Wright, James Roberts, Ray Walther, Methodist Univ Hosp, Memphis, TN; Mervat Wahba, Ameer Al Wafai, Joshua Lennon, Lucas Elijovich, UTHSC, Memphis, TN

Poster Board Number P278 / Presentation Number W P278**Defining the Role of the Nurse in Transitions of Care Within a Comprehensive Stroke Center (CSC)**

Claranne Mathiesen, Erin M Conahan, Lehigh Valley Health Network, Allentown, PA

Poster Board Number P279 / Presentation Number W P279**A Multi-Campus Health System's Approach to Achieving the Highest Level of Quality Through Standardization of Practices**

Katherine Clarkson-Afshar, Renee Richetts, Scripps Health, La Jolla, CA; Lindsay Olson-Mack, Scripps Mercy Hosp, San Diego, CA; Christopher Bajkiewicz, Scripps Memorial Hosp La Jolla, La Jolla, CA; Lynn Berger, Scripps Green Hosp and Scripps Memorial Hosp Encinitas, La Jolla, CA

Poster Board Number P280 / Presentation Number W P280**Collaborative Community Outreach through the Midwest Stroke Action Alliance**

Minna B Masor, Advocate Illinois Masonic Medical Ctr, Chicago, IL; Elizabeth Kim, Alexian Brothers Health System, Elk Grove Village, IL; Lynn Klassman, Advocate Lutheran General Hosp, Park Ridge, IL; Mary Kay Jennrich, Advocate Good Samaritan Hosp, Downers Grove, IL; Deborah Rossman, Alexian Brothers Health System, Elk Grove Village, IL; Sandra Hoelzel, Presence Resurrection Medical Ctr, Chicago, IL; Ginger Reilly, Alexian Brothers Health System, Elk Grove Village, IL; Kathleen O'Neill, American Heart Association, Midwest Affiliate, Chicago, IL; on behalf of the Midwest Stroke Action Alliance

Poster Board Number P281 / Presentation Number W P281**Inter-Rater Reliability of Clinical Decision Making Based on Recorded Telemedicine Assessments and Case Histories**

Catherine E Lightbody, Univ of Central Lancashire, Preston, United Kingdom; Paul Davies, North Cumbria Univ Hosp NHS Trust, Carlisle, United Kingdom; Hedley Emsley, Lancashire Teaching Hosp NHS Fdn Trust, Preston, United Kingdom; Jane Fitzgerald, Univ of Central Lancashire, Preston, United Kingdom; Gary Ford, Newcastle upon Tyne Hosp NHS Fdn Trust, Newcastle upon Tyne, United Kingdom; Laura Howell, Michael J Leathley, Alison McLoughlin, Univ of Central Lancashire, Preston, United Kingdom; Carl May, Univ of Southampton, Southampton, United Kingdom; Christopher Price, Newcastle Univ, Newcastle, United Kingdom; Christopher Sutton, Caroline Watkins, Univ of Central Lancashire, Preston, United Kingdom

Poster Board Number P283 / Presentation Number W P283**The Challenges and Opportunities for Improving Transitions of Care: University Hospitals Case Medical Center Comprehensive Stroke Center Experience**

Kathleen Vickers, Tanzila Shams, Julie Fussner, Cathy Sila, Univ Hosp Case Medical Ctr, Cleveland, OH

Poster Board Number P284 / Presentation Number W P284**Stroke CORE Measure Data Submission to CMS: Process Improvement Initiative**

Renee Richetts, Katherine Clarkson-Afshar, Scripps Health, La Jolla, CA; Lindsay Olson-Mack, Scripps Mercy Hosp, San Diego, CA; Lynn Berger, Scripps Green Hosp; Scripps Memorial Hosp Encinitas, La Jolla, CA; Christopher Bajkiewicz, Scripps Memorial Hosp La Jolla, La Jolla, CA; Matthew Cantonis, Scripps Health, La Jolla, CA

Poster Board Number P285 / Presentation Number W P285**Communication is the Driver of an Efficient Health Care Team**

Deb Crockett, Kristyna Tan, Alissa Shull, Janice Sandt, The Univ of Kansas Hosp, Kansas City, KS

Poster Board Number P286 / Presentation Number W P286**Effect of a Dedicated In-House Stroke Nurse on Stroke Quality Outcome Measures: A Single Center Experience**

Abbigayle M Doerr, Anne Lindstrom, Morgan Ferguson, Jennifer Carlson, Bradley Diane, Harish Shownkeen, Kathleen Linsner, Janet Davis, Laura Pittner, Jennifer Biede, Central DuPage Hosp, Winfield, IL

Poster Board Number P287 / Presentation Number W P287**Does Comprehensive Stroke Certification Demonstrate a Significant Effect on Volume and Quality of Care?**

Laurie Paletz, Shlee Song, Nili Steiner, Betty Robertson, Nicole Wolber, Sonia Guerra, Patrick Lyden, Cedars-Sinai Medical Ctr, Los Angeles, CA

Poster Board Number P288 / Presentation Number W P288**Stroke Central: An Innovative Approach to Coordinated Comprehensive Stroke Care**

Raymond Egger, Bethany Jennings, Patricia Commiskey, Aaron Bridges, Gregory Dadlez, Kenneth Gaines, Ochsner Medical Ctr, New Orleans, LA

Poster Board Number P289 / Presentation Number W P289**Hyper Acute Stroke Nurse Initiative Improves Time to Initiation of Reperfusion Therapy**

Melissa Dofredo, Angela West, Nick Loper, Arlene Taves, Lety Sia McGee, Long Beach Memorial, Long Beach, CA

Poster Board Number P290 / Presentation Number W P290**Stroke Nurse Fellowship: Improving Quality and Coordination in Complex Stroke Patient Care**

Dominique Banks, MS, RN, Karen Yarbrough, MS, ACNP, Christine Ball, BSN, RN, CNRN, UMMC, Baltimore, MD

Poster Board Number P291 / Presentation Number W P291**Crime Scene Investigation: Using Simulation to Assess and Demonstrate Annual Competencies**

Elizabeth Hundt, Marcus Stroke and Neuroscience Ctr, Atlanta, GA

Poster Board Number P292 / Presentation Number W P292**A Comparative Analysis of the Requirements for Certification of Stroke Programs, by Type and by Nationally Recognized Certifying Body**

Stacey Lang, Corazon, Inc, Pittsburgh, PA

Poster Board Number P293 / Presentation Number W P293**Using Smart Phrases in an Electronic Medical Record to Document the Plan of Care and Decision Making Process During Time Sensitive Acute Ischemic Stroke Patient Interventions**

Amy Perez, Grady Health System, Atlanta, GA

Poster Board Number P294 / Presentation Number W P294**Integration of TeleStroke into an Established Telemedicine System**

Kristen C Isom, Anderson Regional Medical Ctr, Meridian, MS; Richard L Summers, Kristi Henderson, Univ of Mississippi, Jackson, MS

Poster Board Number P295 / Presentation Number W P295**Stroke Education Process in an Academic Hospital**

Cheryl L Brown, Hahnemann Univ Hosp, Philadelphia, PA; Elias A Giraldo, Drexel Univ Coll of Med, Philadelphia, PA

Poster Board Number P296 / Presentation Number W P296**Establishing a Stroke Protocol Based on the Trauma Model**

Mary Ann Bosky, Geisinger Health System, Danville, PA; E Andrew Raposo, Geisinger Health System, Wilkes Barre, PA

Poster Board Number P297 / Presentation Number W P297**Streamlining Processes to Decrease Arrival Time to Groin Puncture in the Neuroendovascular Suite**

Kerrin M Connelly, Jacob Thomas, Grady Memorial Hosp, Atlanta, GA

Poster Board Number P298 / Presentation Number W P298**Retrospective Review of Inpatient CODE STROKE and Evaluation of the Implementation and Outcomes**

Adam Curtis, Jennifer Radtke, Theresa Day, Sabrina Blair, Jennifer Henry, Robert E Heidel, Univ of Tennessee Medical Ctr, Knoxville, TN

Poster Board Number P299 / Presentation Number W P299**Interventions for Caregivers of Stroke Survivors: A Decade Update of the Literature**

Ruth M Morris, Carole L White, Adelita G Cantu, Misty M Trevino, Univ of Texas Health Science Ctr at San Antonio, San Antonio, TX

Poster Board Number P300 / Presentation Number W P300**Factors Affecting Functional Assessment Measures (FAM) Self-Completion Among Intracerebral Hemorrhage (ICH) Patients**

Spiro M Moraros, Teslyn Kaufmann, Renga Pandurengan, Kwame Ofori, Rick Sline, Chunyan Cai, Ritivj Bowry, Nicole Gonzales, Univ of Texas at Houston – Medical Sch, Houston, TX

Poster Board Number P301 / Presentation Number W P301**Post Stroke Use of Fluoxetine to Improve Functional Recovery Unrelated to Its Beneficial Effect on Depression**

Alison Krisak, Capital Health Regional Medical Ctr, Trenton, NJ

Outcomes, Quality and Health Services Research Posters I	W P302 – W P337
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Poster Board Number P302 / Presentation Number W P302**Impact of Post-Stroke Medical Complications on 30-Day Readmission Rate**

Sonia V Shah, Carlos Corado, Deborah Bergman, Yvonne Curran, Richard Bernstein, Andrew Naidech, Shyam Prabhakaran, Northwestern Univ Feinberg Sch of Med, Chicago, IL

Poster Board Number P303 / Presentation Number W P303**Clinical Inertia in the Management of Blood Pressure after a Stroke**

Eric M Cheng, West Los Angeles Medical Ctr, Los Angeles, CA; Heather A Jaynes, Laura J Myers, Alan J Zillich, Dawn M Bravata, Richard L Roudebush VAMC, Indianapolis, IN; Christianne Roumie, Nashville VAMC, Nashville, TN

Poster Board Number P304 / Presentation Number W P304**Variation in Use of Carotid Revascularization Procedures and In-Hospital Mortality Among Large, Urban Teaching Hospitals in the United States**

Judith H Lichtman, Erica C Leifheit-Limson, Yale Sch of Public Health, New Haven, CT; Yun Wang, Harvard Sch of Public Health, Boston, MA; Virginia J Howard, Univ of Alabama-Birmingham Sch of Public Health, Birmingham, AL; Larry B Goldstein, Duke Comprehensive Stroke Ctr, Duke Univ and Durham VAMC, Durham, NC

Poster Board Number P305 / Presentation Number W P305**Processes Trends and Current Clinical Outcomes for IV TPA and Endovascular Stroke Therapies from the Interventional Stroke Therapy Outcomes Registry**

John J Connors III, Vanderbilt Univ Medical Ctr, Nashville, TN; Mark J Alberts, Roberta Novakovic, UT Southwestern – Dallas, Dallas, TX

Poster Board Number P306 / Presentation Number W P306**Identifying Stroke Researcher Challenges to Minority Inclusion in Clinical Research**

Heather Carman, Leigh Quarles, Lauren Southwick, Emma K Benn, Icahn Sch of Med at Mount Sinai, New York, NY; Salina P Waddy, NIH, Natl Inst of Neurological Disorders and Stroke, Rockville, MD; Dorothy Farrar-Edwards, Univ of Wisconsin-Madison, Madison, WI; Bernadette Boden-Albala, Icahn Sch of Med at Mount Sinai, New York, NY

Poster Board Number P307 / Presentation Number W P307**Utilization of Tissue-Type Plasminogen Activator for Ischemic Stroke in California -Evidence From Ischemic Stroke Outcomes Validation Study**

Limin Wang, Office of Statewide Health Planning and Development, Sacramento, CA; Barbara Vickrey, Eric M Cheng, Honghu Liu, Punam Parikh, Yan Wang, David Zingmond, Univ of California, Los Angeles, Los Angeles, CA; Joseph Parker, Merry Holliday-Hanson, Office of Statewide Health Planning and Development, Sacramento, CA

Poster Board Number P308 / Presentation Number W P308**Racial Disparities In IV rt-PA Use Persist At Primary Stroke Centers**

Hugo J Aparicio, Boston Univ, Boston, MA; Brendan G Carr, Scott E Kasner, Univ of Pennsylvania, Philadelphia, PA; Karen C Albright, Univ of Alabama at Birmingham, Birmingham, AL; Michael J Kallan, Univ of Pennsylvania, Philadelphia, PA; Dawn O Kleindorfer, Univ of Cincinnati, Cincinnati, OH; Michael T Mullen, Univ of Pennsylvania, Philadelphia, PA

Poster Board Number P309 / Presentation Number W P309**Hemorrhagic Risk Associated with Warfarin Initiation among Patients with Atrial Fibrillation: Assessment via a Large Insurance Database**

Ping G Tepper, Univ of Pittsburgh, Pittsburgh, PA; Xianchen Liu, Pfizer, Inc, New York, NY; Hamilton Melissa, Bristol-Meyers Squibb, Princeton, NJ; Jack Mardekian, Pfizer, Inc, New York, NY; William Petkun, Bristol-Myers Squibb, Princeton, NJ; Wilson Tan, Pfizer, Inc, New York, NY; Daniel E Singer, Harvard Medical Sch, Boston, MA

Poster Board Number P310 / Presentation Number W P310**National Trends in Carotid Artery Stenting and Endarterectomy by Sex, Race, and Region: 2007-2011**

Judith H Lichtman, Erica C Leifheit-Limson, Yale Sch of Public Health, New Haven, CT; Yun Wang, Harvard Sch of Public Health, Boston, MA; Virginia J Howard, Univ of Alabama-Birmingham Sch of Public Health, Birmingham, AL; Thomas G Brott, Mayo Clinic, Jacksonville, FL; Larry B Goldstein, Duke Comprehensive Stroke Ctr, Duke Univ and Durham VAMC, Durham, NC

Poster Board Number P311 / Presentation Number W P311**Demographic and Regional Characteristics Associated With Advanced Primary Stroke Center Designation**

Catherine McDonald, Steven Cen, Lucas Ramirez, William J Mack, Nerses Sanossian, Univ of Southern California, Los Angeles, CA

Poster Board Number P312 / Presentation Number W P312**Pre-Hospital and Hospital Data Linkage in an Organized Stroke System of Care: A Pilot Study**

Rishitha Chennupati, Goce Trajcevski, Northwestern Univ, Chicago, IL; Kathleen O'Neill, American Heart Association, Chicago, IL; Leslee Stein-Spencer, Mark Kiely, Chicago Fire Dept, Chicago, IL; Eric Beck, Univ of Chicago Medical Ctr, Chicago, IL; Sanjay Mehotra, Northwestern Univ, Chicago, IL; Shyam Prabhakaran, Northwestern Univ Feinberg Sch of Med, Chicago, IL

Poster Board Number P313 / Presentation Number W P313**Effects of Organized Stroke Care on In-Hospital Mortality and Morbidity of Patients With Ischemic and Hemorrhagic Stroke: J-ASPECT Study**

Kunihiro Nishimura, Natl Cardiovascular and Cerebral Ctr, Suita, Japan; Satoru Kamitani, Tokyo Univ, Tokyo, Japan; Michikazu Nakai, Natl Cardiovascular and Cerebral Ctr, Suita, Japan; Akiko Kada, Nagoya Medical Ctr, Nagoya, Japan; Fumiaki Nakamura, Tokyo Univ, Tokyo, Japan; Hiroharu Kataoka, Yoshihiro Miyamoto, Natl Cardiovascular and Cerebral Ctr, Suita, Japan; Kuniaki Ogasawara, Iwate Medical Univ, Morioka, Japan; Junichi Ono, Chiba Cardiovascular Center, Ichihara, Japan; Shigeru Miyachi, Nagoya Univ, Nagoya, Japan; Yoshiaki Shiokawa, Kyorin Univ, Mitaka, Japan; Shinya Matsuda, Matsuda, Univ of Environmental and Occupational Health, Kita-Kyushu, Japan; Izumi Nagata, Nagasaki University, Nagasaki, Japan; Toru Aruga, Showa University, Tokyo, Japan; Suzuki Akifumi, Akita Noken Hosp, Akita, Japan; Kazunori Toyoda, Natl Cardiovascular and Cerebral Ctr, Suita, Japan; Koichi Ishikawa, Natl Cancer Ctr, Tokyo, Japan; Jyoji Nakagawara, Koji Iihara, Natl Cardiovascular and Cerebral Ctr, Suita, Japan

Poster Board Number P314 / Presentation Number W P314**Comprehensive Stroke Centers Improve Survival in Hemorrhagic Stroke**

James S McKinney, Jerry Cheng, Igor Rybinnik, Ugo Paolucci, John B Kostis, Rutgers-RWJMS, New Brunswick, NJ

Poster Board Number P315 / Presentation Number W P315**Cardio-Respiratory Arrest in Stroke (CAIS Study): Predisposing Factors, Clinical Features, Outcomes, and Process Measures**

Davar Nikneshan, Stroke Outcomes Res Unit, Div of Neurology, Toronto, ON, Canada; Alejandro Rabinstein, Mayo Clinic, Rochester, MN; Robert Holloway, Univ of Rochester Medical Ctr, Rochester, MN; Jack Tu, Jiming Fang, Institute of Clinical Evaluative Sciences (ICES), Toronto, ON, Canada; Gustavo Saposnik, Stroke Outcomes Res Unit, Div of Neurology, Toronto, ON, Canada; Registry of the Canadian Stroke Network (RCSN); The Stroke Outcomes Research Canada (SORCan) Working Group

Poster Board Number P316 / Presentation Number W P316**Improved Detection and Treatment of Post-Stroke Depression Utilizing Patient Health Questionnaire-9 (PHQ-9) Screening over Standard Methods**

Allison Hooker, Evan Tatum, Christina Roels, Novant Health Forsyth Medical Ctr, Winston Salem, NC

Poster Board Number P317 / Presentation Number W P317**Pan-London Simulation Training for Hyperacute Stroke**

J Birns, Dept of Ageing & Health, London, United Kingdom; P Jaye, Simulation & Interactive Learning Ctr, London, United Kingdom; A Roots, Dept of Stroke Med, London, United Kingdom; G Reedy, Alastair Ross, Simulation & Interactive Learning Ctr, London, United Kingdom

Poster Board Number P318 / Presentation Number W P318**Declining Mortality in Cerebral Venous Thrombosis: A Systematic Review**

Jonathan M Coutinho, Susanna M Zuurbier, Jan Stam, Academic Medical Ctr, Amsterdam, Netherlands

Poster Board Number P319 / Presentation Number W P319**Isolated National Institute of Health Stroke Scale Subscore Worsening is Predictive of Poor Outcomes in Acute Ischemic Stroke Patients**

Denise A Pineda, Tulane Univ Sch of Med, New Orleans, LA; Erica L Dawson, Karen C Albright, Univ of Alabama at Birmingham, Birmingham, AL; James E Siegler, Andre D Kumar, Michael A Gillette, Tulane Univ Sch of Med, New Orleans, LA; Amelia K Boehme, T Mark Beasley, Univ of Alabama at Birmingham, Birmingham, AL; Sheryl Martin-Schild, Tulane Univ Sch of Med, New Orleans, LA

Poster Board Number P320 / Presentation Number W P320**Falls with Injury After Stroke are Associated With Incontinence and Depression**

Ashutosh Mani, Kari Dunning, Kathleen Alwell, Charles J Moomaw, Dawn O Kleindorfer, University of Cincinnati, Cincinnati, OH; Daniel Woo, University of Cincinnati, Cincinnati, OH; Matthew Flaherty, Pooja Khatri, Opeolu Adeoye, Simona Ferioli, Brett M Kissela, University of Cincinnati, Cincinnati, OH

Poster Board Number P321 / Presentation Number W P321**Stroke Outcomes and Usage of IV Alteplase During Pregnancy in the Nationwide Inpatient Sample 2005-2010**

Sarah Song, Bichun Ouyang, Taylor Knopf, James Connors, Shawna Cutting, Vivien Lee, Laurel Smit, Rush Univ Medical Ctr, Chicago, IL; Elena Kuklina, Ctrs for Disease Control and Prevention, Atlanta, GA

Poster Board Number P322 / Presentation Number W P322**Quality of Life Measurements in Patients with Transient Ischemic Attack and Minor Stroke**

Fan Z Caprio, Carlos Corado, Deborah Bergman, Yvonne Curran, Richard Bernstein, David Cella, Andrew Naidech, Shyam Prabhakaran, Northwestern Univ, Chicago, IL

Poster Board Number P323 / Presentation Number W P323**Factors Influencing Perception of Quality of Life Following Stroke**

Shelly Ozark, Andrea D Boan, Tanya N Turan, Charles Ellis Jr, David L Bachman, Daniel T Lackland, Medical Univ of South Carolina, Charleston, SC

Poster Board Number P324 / Presentation Number W P324**Acute NIHSS Profiles Predict Differential Outcomes After Mild Ischemic Stroke**

Dorothy Farrar Edwards, Hui -Chun Chen, Univ of Wisconsin, Madison, WI; Deirdra G Tiffany, Natl Rehabilitation Hosp, Washington, DC; Chelsea S Kidwell, Univ of Arizona Sch of Med, Tucson, AZ; Alexander W Dromerick, Georgetown Univ, Washington, DC

Poster Board Number P325 / Presentation Number W P325**Is Obesity a Marker of Good or Bad Functional Outcome After Ischemic Stroke?**

Samrat Yeramaneni, Brett M Kissela, Dawn O Kleindorfer, Kathleen Alwell, Charles J Moomaw, Michael McCarthy, Univ of Cincinnati, Cincinnati, OH; Heidi Sucharew, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Christopher Lindsell, Daniel Woo, Pooja Khatri, Matthew Flaherty, Simona Ferioli, Sharyl Martini, Felipe de Lod Rios La Rosa, Univ of Cincinnati, Cincinnati, OH; Jason Mackey, Indiana Univ, Indianapolis, IN; Jane C Khoury, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH

Poster Board Number P326 / Presentation Number W P326**Evaluating Low Rates of Oral Anticoagulant Prescribing for Secondary Stroke Prevention in Ontario**

Reema Shah, Univ of Toronto, Toronto, ON, Canada; Shudong Li, Melissa Stampelcoski, Inst for Clinical Evaluative Sciences, Toronto, ON, Canada; Moira K Kapral, Univ of Toronto, Toronto, ON, Canada

Poster Board Number P327 / Presentation Number W P327**Defect-Free Stroke Care Results in Lower Hospitalization Costs**

Kevin D Call, Li Dong, Nancy C Nelson, Daniel R Probst, Intermountain Healthcare, Salt Lake City, UT

Poster Board Number P328 / Presentation Number W P328**Comparative Analysis of Two Methods to Score the modified Rankin Scale: Rankin Focused Assessment and Simple modified Rankin Scale Questionnaire**

Richa D Patel, Boston Univ Sch of Med, Boston, MA; Sidney Starkman, Univ of California, Los Angeles, Los Angeles, CA; Robin Conwit, Natl Inst of Health, Bethesda, MD; Scott Hamilton, Stanford Stroke Ctr, Palo Alto, CA; Fiona Chatfield, Jeffrey Saver, Univ of California, Los Angeles, Los Angeles, CA

Poster Board Number P329 / Presentation Number W P329**Oxygen Desaturation Index by Apnea Link as Prognostic Factor in Acute Ischemic Stroke**

Fernando Gongora-Rivera, Walter Muruet, Beatriz Chavez, Hector Jorge Villarreal-Montemayor, Hector Jorge Villarreal-Velazquez, Univ Hosp "Dr J Eleuterio González, Monterrey, Mexico

Poster Board Number P330 / Presentation Number W P330**Antithrombotic Treatment Patterns Among Patients with Non-Valvular Atrial Fibrillation in a Managed Care Setting**

JaeJin An, Kaiser Permanente Southern California, Downey, CA; Daniel T Lang, Kaiser Permanente Southern California, Los Angeles, CA; Kristin P Jazdzewski, Kaiser Permanente Southern California, San Diego, CA; Paul T Le, Fang Niu, Nazia Rashid, Kaiser Permanente Southern California, Downey, CA; Dan Ershoff, Univ of California, Los Angeles, Los Angeles, CA; Brian Meissner, Bristol-Myers Squibb Company, Plainsboro, NJ; Dinara Makenbaeva, Bristol-Myers Squibb, Plainsboro, NJ; Amanda Bruno, Bristol-Myers Squibb Company, Plainsboro, NJ

Poster Board Number P331 / Presentation Number W P331**Management of TIA Patients Referred to Ontario Secondary Stroke Prevention Clinics From the Emergency Department**

Ruth Hall, Ferhana Khan, Limei Zhou, ICES, Toronto, ON, Canada; Frank L Silver, Univ Health Network, Toronto, ON, Canada; Moira K Kapral, ICES, Toronto, ON, Canada

Poster Board Number P333 / Presentation Number W P333**Medications for Secondary Stroke Prevention at Hospital Discharge in Da Nang, Viet Nam**

Elizabeth A Cahill, Thanh G Ton, Annette L Fitzpatrick, Kiet A Ly, Univ of Washington Medical Ctr, Seattle, WA; Quang V Ngo, Tung T Vo, Chien H Pham, Dept of Health, Da Nang, Viet Nam; William T Longstreth Jr, David L Tirschwell, Univ of Washington Medical Ctr, Seattle, WA

Poster Board Number P334 / Presentation Number W P334**VA Healthcare System Responses to National Stroke Care Reorganization**

Teresa M Damush, Kristine K Miller, Laurie Plue, VA HSR&D Stroke QUERI Ctr, Indianapolis, IN; Arlene A Schmid, VA HSR&D Stroke QUERI Ctr, Fort Collins, CO; Laura Myers, VA HSR&D Stroke QUERI Ctr, Indianapolis, IN; Glenn Graham, VA HSR&D Stroke QUERI Ctr, Washington DC, DC; Linda S Williams, VA HSR&D Stroke QUERI Ctr, Indianapolis, IN

Poster Board Number P335 / Presentation Number W P335**Variation and Trends in the Documentation of National Institutes of Health Stroke Scale (NIHSS) Among GWTG-Stroke Hospitals**

Mathew J Reeves, Michigan State Univ, East Lansing, MI; Eric E Smith, Univ of Calgary, Calgary, AB, Canada; Gregg Fonarow, Univ of California, Los Angeles, CA; Xin Zhao, Ying Xian, Eric D Peterson, Duke Clinical Res Inst., Durham, NC; Lee H Schwamm, Massachusetts General Hosp., Boston, MA; DaiWai M Olson, Univ of Texas Southwestern, Dallas, TX

Poster Board Number P336 / Presentation Number W P336**Predictors of Outcome in Young Adults with Ischemic Stroke**

Syed F Ali, Lee H Schwamm, Aneesh B Singhal, Massachusetts General Hosp/ Harvard Medical Sch, Boston, MA

Poster Board Number P337 / Presentation Number W P337**Going to War for Stroke: The Experience of Establishing a Comprehensive Stroke Center in the United States**

Anne W Alexandrov, Univ of Alabama at Birmingham, Birmingham, AL; Victoria Swartzell, Scottsdale Healthcare – Osborn Campus, Scottsdale, AZ; Fern Cudlip, Eden Medical Ctr, Castro Valley, CA; Andrei V Alexandrov, Univ of Alabama at Birmingham, Birmingham, AL; Sheryl Martin-Schild, Tulane Univ, New Orleans, LA

Preventive Strategies Posters I**W P338 – W P356****Poster Board Number P338 / Presentation Number W P338****Association of Triglyceride-HDL Cholesterol and LDL Cholesterol HDL Cholesterol Ratios With Symptomatic Intracranial Atherosclerosis**

Vishal B Jani, Saqib S Chaudhry, Michigan State Univ, East Lansing, MI; Vikram Jadhav, Univ of Minnesota, Minneapolis, MN; Sayed Hussain, Adnan Safdar, Michigan State Univ, East Lansing, MI; Adnan I Qureshi, Zeenat Qureshi Stroke Inst and Central Care Health, St Cloud, MN

Poster Board Number P339 / Presentation Number W P339**Anticoagulation Remains Underutilized in the Management of Atrial Fibrillation: Results From the Edmonton Registry of Atrial Fibrillation and Stroke (ERASE) Study**

Ghazala Basir, Univ Of Alberta, Edmonton, AB, Canada; Ashfaq Shuaib, Univ of Alberta, Edmonton, AB, Canada; Affan Tahir, Kasim Qureshi, Hasnain Zeeshan, Khurshid Khan, Brian Buck, Univ Of Alberta, Edmonton, AB, Canada

Poster Board Number P340 / Presentation Number W P340**Effects of Stroke Enlightenment on Guardians by Educating Junior High Students: the Tochigi Project**

Satoshi Ohyama, Chiaki Yokota, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan; Hidehiro Takekawa, Dokkyo Medical Univ, Tochigi, Japan; Tomonori Okamura, Keio Univ, Tokyo, Japan; Naomi Miyamatsu, Shiga Univ of Medical Science, Shiga, Japan; Hirofumi Nakayama, Japan Stroke Association, Osaka, Japan; Kosuke Matsuzono, Akiko Ishigami, Kosuke Okumura, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan; Koichi Hirata, Takashi Muto, Dokkyo Medical Univ, Tochigi, Japan; Kazunori Toyoda, Yoshihiro Miyamoto, Kazuo Minematsu, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan

Poster Board Number P341 / Presentation Number W P341**Smartphone Applications as a Source of Information on Stroke**

Divyanshu Dubey, Univ of Texas Southwestern Medical Ctr, Dallas, TX; Amod Amritphale, Univ of Nevada Medical Ctr, Las Vegas, NV; Ambarish Pandey, Univ of Texas Southwestern Medical Ctr, Dallas, TX; Anshudha Sawhney, Netaji Subhash Chandra Bose Medical Ctr, Jabalpur, India; Nupur Shrivastav, Shri Ganga Ram Hosp, New Delhi, India

Poster Board Number P342 / Presentation Number W P342**Point-of-Purchase Stroke Educational Campaign at Supermarket is Effective for Rural Residents**

Yasuteru Inoue, Shoji Honda, Masaki Watanabe, Yukio Ando, Graduate Sch of Medical Sciences, Kumamoto Univ, Kumamoto, Japan

Poster Board Number P344 / Presentation Number W P344**Choice of Warfarin and Novel Oral Anticoagulants for Secondary Prevention of Stroke/TIA in Japanese NVAf Patients: The SAMURAI-NVAf Study**

Kazunori Toyoda, Shoji Arihiro, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Kenichi Todo, Kobe City Medical Ctr General Hosp, Kobe, Japan; Hiroshi Yamagami, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Kazumi Kimura, Kawasaki Medical Sch, Kurashiki, Japan; Yoshiaki Shiokawa, Kyorin Univ Sch of Med, Mitaka, Japan; Kenji Kamiyama, Nakamura Memorial Hosp, Sapporo, Japan; Tadashi Terasaki, Japanese Red Cross Kumamoto Hosp, Kumamoto, Japan; Yasushi Okada, Natl Hosp Organization Kyushu Medical Ctr, Fukuoka, Japan; Yoshinari Nagakane, Japanese Red Cross Kyoto Daini Hosp, Kyoto, Japan; Hiroshi Mochizuki, South Miyagi Medical Ctr, Ogawara, Japan; Shunya Takizawa, Tokai Univ Sch of Med, Isehara, Japan; Yasuhiro Hasegawa, St Marianna Univ Sch of Med, Kawasaki, Japan; Satoshi Okuda, Natl Hosp Organization Nagoya Medical Ctr, Nagoya, Japan; Eisuke Furui, Kohnan Hosp, Sendai, Japan; Yasuhiro Ito, Toyota Memorial Hosp, Toyota, Japan; Takahiro Nakashima, Natl Hosp Organization Kagoshima Medical Ctr, Kagoshima, Japan; Kazuomi Kario, Tomoaki Kameda, Jichi Medical Univ Sch of Med, Shimotsuke, Japan; Kazuhiro Takamatsu, Ohta Memorial Hosp, Fukuyama, Japan; Kazutoshi Nishiyama, Kitasato Univ Sch of Med, Sagami-hara, Japan; SAMURAI Study Investigators

Poster Board Number P345 / Presentation Number W P345**Increased Risk Of Gastrointestinal Bleeding Associated With Antiplatelet Therapy In Patients With Cerebral Small Vessel Disease**

Sang-mi Noh, Jong S Kim, Asan medical center, Univ of Ulsan college of medicine, Seoul, Korea, Republic of

Poster Board Number P346 / Presentation Number W P346**Sex Differences in Outcome in the SPS3 Clinical Trial**

Dawn M Meyer, UC San Diego, San Diego, CA; Jeff Szychowski, Leslie McClure, Univ of Alabama at Birmingham, Birmingham, AL; Brett Meyer, Nancy Kelly, Amy Guzik, Thomas Hemmen, UC San Diego, San Diego, CA; SPS3 Investigators

Poster Board Number P348 / Presentation Number W P348**Evaluating Gaps in the Continuum of Stroke Care**

Jenny P Tsai, Div of Neurology, Dept of Med, Univ of Toronto, Toronto, ON, Canada; Paula A Rochon, Women's Coll Res Inst, Women's Coll Hosp; Inst for Clinical Evaluative Sciences (ICES); Inst of Health Policy, Management and Evaluation (IHPE), Univ of Toronto, Toronto, ON, Canada; Stavroula Raptis, Stroke Outcomes Res Ctr, Li Ka Shing Inst, Toronto, ON, Canada; Susan E Bronskill, Inst for Clinical Evaluative Sciences (ICES); Institute of Health Policy, Management and Evaluation (IHPE), Univ of Toronto, Toronto, ON, Canada; Chaim M Bell, Inst for Clinical Evaluative Sciences (ICES); Inst of Health Policy, Management and Evaluation (IHPE), Univ of Toronto; Mount Sinai Hosp, Toronto, ON, Canada; Gustavo Saposnik, Stroke Outcomes Res Ctr, Li Ka Shing Inst, St Michael's Hosp, Univ of Toronto; Inst for Clinical Evaluative Sciences (ICES); Inst of Health Policy, Management and Evaluation (IHPE), Univ of Toronto, Toronto, ON, Canada

Poster Board Number P349 / Presentation Number W P349**Prediction of Major Adverse Cardiovascular Events by Age-Normalized Carotid Intimal Medial Thickness**

Christopher M Rembold, Emmanuel Nketiah, Univ of Virginia, Charlottesville, VA; Karen E Rembold, Tufts Univ, Boston, MA

Poster Board Number P350 / Presentation Number W P350**Pre-Stroke Antiplatelet Use and Outcomes in a Cohort of Ischemic Stroke Patients**

Maria Cristina Zurru, Claudia Alonzo, Laura Brescacin, Santiago Pigretti, Ariel Luzzi, Luis Camera, Gabriel Waisman, Edgardo Cristiano, Hosp Italiano, Buenos Aires, Argentina

Poster Board Number P351 / Presentation Number W P351**Plasma Interleukin-6 and C-reactive Protein Are Associated With Acute Diffusion Hyperintensity After Transient Ischemic Attack**

Peter J Kelly, Layan Akijian, Tara Browne, Fiona Carty, Mater Univ Hosp Dublin, Dublin, Ireland; Morgan Crowe, St Vincents Univ Hosp Dublin, Dublin, Ireland; Eamon Dolan, Connolly Hosp Dublin, Dublin, Ireland; Eimear Fagan, Mater Univ Hosp Dublin, Dublin, Ireland; Reuben Grech, Beaumont Hosp Dublin, Dublin, Ireland; Joseph Harbison, St James Hosp Dublin, Dublin, Ireland; Gillian Horgan, Eoin Kavanagh, Sean Murphy, Mater Univ Hosp Dublin, Dublin, Ireland; Imelda Noone, St Vincents Univ Hosp Dublin, Dublin, Ireland; Killian O'Rourke, Orla Sheehan, Mater Univ Hosp Dublin, Dublin, Ireland; John Thornton, Beaumont Hosp Dublin, Dublin, Ireland; Clodagh Whelan, Mater Univ Hosp Dublin, Dublin, Ireland; David Williams, Beaumont Hosp Dublin, Dublin, Ireland; Maria Fitzgibbon, Mater Univ Hosp Dublin, Dublin, Ireland

Poster Board Number P352 / Presentation Number W P352**Clopidogrel-Statins Interaction in Secondary Prevention After Ischemic Stroke: A Randomized Double Blind Placebo Controlled Crossover Study**

Timo Siepmann, Denise Heinke, Jessica Kepplinger, Kristian Barlinn, Volker Puetz, Georg Gahn, Ulf Bodechtel, Carl Gustav Carus Medical Faculty, Dresden, Germany

Poster Board Number P353 / Presentation Number W P353**Benign Natural History of Occlusion in Asymptomatic Carotid Stenosis**

Chrysi Bogiatzi, J David Spence, Roberts Res Inst, Western Univ, London, ON, Canada

Poster Board Number P354 / Presentation Number W P354**Effect of Free Fatty Acid on Recurrent Stroke in Stroke Patients With Atrial Fibrillation**

Woo-Keun Seo, Jeong-Yoon Choi, Korea university Guro Hosp, Seoul, Korea, Republic of; Jin-Man Jung, Korea university Ansan Hosp, Seoul, Korea, Republic of; Kyung Hee Cho, Korea university Anam Hosp, Seoul, Korea, Republic of; Kyungmi Oh, Korea university Guro Hosp, Seoul, Korea, Republic of

Poster Board Number P355 / Presentation Number W P355**Pathophysiologic, Rather than Pharmacologic Resistance Drives Aspirin Failure in Ischemic Stroke**

Nergiz Agayeva, Hacettepe Univ Faculty of Med, Ankara, Turkey; Levent Gungor, Ondokuz Mayıs Univ Faculty of Med, Samsun, Turkey; Mehmet Akif Topcuoglu, Ethem Murat Arsava, Hacettepe Univ Faculty of Med, Ankara, Turkey

Poster Board Number P356 / Presentation Number W P356**The Effectiveness Of The Stroke Educational Activities For Junior High School Students: The Tochigi Project**

Kosuke Matsuzono, Chiaki Yokota, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Hidehiro Takekawa, Dokkyo Medical Univ, Shimotsugagun Mibumachi, Japan; Tomonori Okamura, Keio Univ, Shinjuku-ku, Japan; Naomi Miyamatsu, Shiga Univ of Medical Science, Otsu, Japan; Hirofumi Nakayama, Japan Stroke Association, Osaka, Japan; Satoshi Ohyama, Akiko Ishigami, Kosuke Okumura, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Koichi Hirata, Takashi Muto, Dokkyo Medical Univ, Shimotsugagun Mibumachi, Japan; Kazunori Toyoda, Yoshihiro Miyamoto, Kazuo Minematsu, Natl Cerebral and Cardiovascular Ctr, Suita, Japan

Vascular Biology in Health and Disease Posters I W P357 – W P374**Poster Board Number P357 / Presentation Number W P357****Glycemic Control or Dual Endothelin Receptor Antagonism Reverses Diabetes-Mediated Dysfunctional Cerebral Neovascularization and Remodeling Patterns**

Jessica Kaczmarek, Mohammed Abdelsaid, Georgia Regents Univ, Augusta, GA; Susan Fagan, Univ of Georgia, Augusta, GA; Adviye Ergul, Georgia Regents Univ, Augusta, GA

Poster Board Number P358 / Presentation Number W P358**SOD overexpression Accounts for the Neurovascular Protection in Rats****Following Ischemic Stroke**

Maha Coucha, Weiguo Li, Mohammed Abdelsaid, Georgia Regents Univ, Augusta, GA; Sherif Hafez, Susan C Fagan, Univ of Georgia, Augusta, GA; Adviye Ergul, Georgia Regents Univ, Augusta, GA

Poster Board Number P359 / Presentation Number W P359**Activation of Prostacyclin Receptor (IP) in Human Brain Microvascular Endothelial Cells Stimulates Production of SAPP α**

Tongrong He, Tong Lu, Zvinomir Katusic, Mayo Clinic, Rochester, MN

Poster Board Number P360 / Presentation Number W P360**A Hypertensive Reversible Encephalomyelitis Syndrome (HyRES)**

Adam de Havenon, Univ of Washington, Seattle, WA; Zachary Joos, Lauren Longenecker, Univ of Utah, Salt Lake City, UT

Poster Board Number P361 / Presentation Number W P361**Telomere G-tail Length Shortening is Associated With Endothelial Dysfunction in Patients With Chronic Cerebrovascular Disease and Comorbidity**

Tomohisa Nezu, Naohisa Hosomi, Shiro Aoki, Tetsuya Takahashi, Kumiko Anno, Hirofumi Maruyama, Hiroshima Univ Graduate Sch of Biomedical Sciences, Hiroshima, Japan; Yukihito Higashi, Hiroshima Univ, Hiroshima, Japan; Hidetoshi Tahara, Masayasu Matsumoto, Hiroshima Univ Graduate Sch of Biomedical Sciences, Hiroshima, Japan

Poster Board Number P362 / Presentation Number W P362**Krupple-Like Factor 11 Mediates Blood-Brain Barrier Dysfunction in Ischemic Stroke**

Ke-Jie Yin, Univ of Michigan, Ann Arbor, MI; Milton Hamblin, Tulane Univ, New Orleans, LA; Jifeng Zhang, Tianqing Zhu, Yuqing Eugene Chen, Univ of Michigan, Ann Arbor, MI

Poster Board Number P363 / Presentation Number W P363**Mechanism of Protection by Soluble Epoxide Hydrolase Inhibition in Type 2 Diabetic Stroke**

Kristen L Zuloaga, Stephanie M Krasnow, Wenri Zhang, Robert E Shangraw, Daniel L Marks, Nabil J Alkayed, Oregon Health & Science Univ, Portland, OR

Poster Board Number P364 / Presentation Number W P364**Relationships Between Endothelial Function, Biological Markers and Cerebral Small Vessel Disease in Patients with Chronic Cerebrovascular Disease and Comorbidity**

Tomohisa Nezu, Naohisa Hosomi, Shiro Aoki, Tetsuya Takahashi, Takamichi Sugimoto, Hirofumi Maruyama, Hiroshima Univ Graduate Sch of Biomedical Sciences, Hiroshima, Japan; Yukihito Higashi, Hiroshima Univ, Hiroshima, Japan; Tomonori Hayashi, Radiation Effects Res Fndn, Hiroshima, Japan; Masayasu Matsumoto, Hiroshima Univ Graduate Sch of Biomedical Sciences, Hiroshima, Japan

Poster Board Number P365 / Presentation Number W P365**Critical Role of Smooth Muscle Cell Phenotypic Modulation in Cerebral Aneurysm Formation and Rupture**

Robert M Starke, Univ of Virginia, Charlottesville, VA; Muhammad S Ali, Nohra Chalouhi, Pascal M Jabbour, Stavropoula I Tjoumakaris, L Fernando Gonzalez, Robert H Rosenwasser, Thomas Jefferson Univ, Philadelphia, PA; David Hasan, Univ of Iowa, Iowa City, IA; Tomoki Hashimoto, UCSF, San Francisco, CA; Nigel H Greig, Natl Inst of Health, Baltimore, MD; Gary K Owens, Univ of Virginia, Charlottesville, VA; Aaron S Dumont, Thomas Jefferson Univ, Philadelphia, PA

Poster Board Number P366 / Presentation Number W P366**Hypothermia Does Not Affect Tissue Plasminogen Activator Activity in Acute Ischemic Stroke Patients as Measured by Thromboelastography**

Joancy M Archeval-Lao, Univ of Texas Health Science Ctr Houston, Houston, TX; Hope Moser, Memorial Hermann Hosp, Houston, TX; Stephen A Riney, Jorge Kawano-Castillo, Stephanie A Parker, Chunyan Cai, Mohammad H Rahbar, Eric T Ward, Mark M McDonald, Navdeep Sangha, James Grotta, Univ of Texas Health Science Ctr Houston, Houston, TX

Poster Board Number P367 / Presentation Number W P367**Anterior Cerebral Artery Diameter Predicts Anterior Cerebral Artery Territorial Stroke**

Ashkan Shoamanesh, Massachusetts General Hosp, Harvard Medical Sch, Boston, MA; Hesham Masoud, Katrina Weed, Kaylyn Duerfeldt, Helena Lau, Jose R Romero, Aleksandra Pikula, Boston Medical Ctr, Boston Univ Sch of Med, Boston, MA; Philip Teal, Vancouver General Hosp, Univ of British Columbia, Vancouver, BC, Canada; Thanh Nguyen, Carlos S Kase, Viken L Babikian, Boston Medical Ctr, Boston Univ Sch of Med, Boston, MA

Poster Board Number P368 / Presentation Number W P368

Longitudinal Change in fMRI Blood Oxygen Level Dependent Signal in Cerebral Amyloid Angiopathy

Aaron R Switzer, Cheryl R McCreary, Richard Frayne, Bradley G Goodyear, Eric E Smith, Univ of Calgary, Calgary, AB, Canada

Poster Board Number P369 / Presentation Number W P369

Inhibitory Effect Of FTY720 On Neuroinflammation In Cerebral Ischemia-reperfusion

Haoliang Xu, Univ of Illinois at Chicago, Chicago, IL; Pratik Shah, Kansas City Univ of Med and Biosciences, Kansas City, MO; Dale Pelligrino, Fernando D Testai, Univ of Illinois at Chicago, Chicago, IL

Poster Board Number P370 / Presentation Number W P370

Is Local Hypoperfusion the Basis of Transient Neurological Deficits After STA-MCA Bypass in Moyamoya Disease?

Nitin Mukerji, Douglas J Cook, Gary K Steinberg, Stanford Medical Ctr, Stanford, CA

Poster Board Number P371 / Presentation Number W P371

Cerebral Microbleeds and Renal Impairment in Acute Lacunar Stroke

Takahiro Sato, Naoki Saji, Junya Aoki, Kazuto Kobayashi, Junichi Uemura, Kensaku Shibazaki, Kazumi Kimura, Kawasaki Medical Sch, Kurashiki, Japan

Poster Board Number P372 / Presentation Number W P372

Major Role of Endothelial Nitric Oxide Synthase in the Adaptation of the Cerebral Circulation to Carotid Artery Occlusion

Andreas Polycarpou, Daniel Safar, László Hricisák, Éva Ruisanchez, Péter Sándor, Zoltán Benyó, Semmelweis Univ, Budapest, Hungary

Poster Board Number P373 / Presentation Number W P373

Resting Cerebral Blood Flow in Healthy Subjects Varies by Gender and Blood Pressure

Brett L Cucchiara, Univ of Pennsylvania Medical Ctr, Philadelphia, PA; Quan Zhang, Tianjin Medical Univ, Tianjin, China; Scott E Kasner, John A Detre, Univ of Pennsylvania Medical Ctr, Philadelphia, PA

Poster Board Number P374 / Presentation Number W P374

Coated-Platelet Levels Correlate With HAS-BLED Scores in Stroke Patients With Atrial Fibrillation

Calin Prodan, Univ of Oklahoma Health Sciences Ctr, Oklahoma City, OK; Andrea Vincent, Univ of Oklahoma, Oklahoma City, OK; Angelia Kirkpatrick, George Dale, Univ of Oklahoma Health Sciences Ctr, Oklahoma City, OK

Previously Published Science: Abstracts Previously Published or Presented after AHA Acceptance PPS1 – PPS3

Poster Board Number PPS1 / Presentation Number PPS1

Acute Infection Contributes to Racial Disparities in Stroke Mortality

Deborah A Levine, Kenneth M Langa, Mary A Rogers, Univ of Michigan, Ann Arbor, MI

Poster Board Number PPS2 / Presentation Number PPS2

Preceding and Post-stroke Infections in Young Adults with First-ever Ischemic Stroke: Impact on Short-term and Long-term Outcomes

Terttu J Heikinheimo, Jenna Broman, Elena Haapaniemi, Markku Kaste, Turgut Tatlisumak, Jukka Putaala, Helsinki Univ Central Hosp, Helsinki, Finland

Poster Board Number PPS3 / Presentation Number PPS3

Neurovascular Protection by Post-Ischemic Intravenous Injections of the Lipoxin A4 Receptor Agonist, Bml-111, in a Rat Model of Ischemic Stroke

Kimberly E Hawkins, Kelly M DeMars, Jonathan Singh, Changjun Yang, Henry S Cho, Jan Frankowski, Sylvain Doré, Eduardo Candelario-Jalil, Univ of Florida, Gainesville, FL

PROFESSOR-LED POSTER TOURS BY CATEGORY: SESSION II

THURSDAY, FEBRUARY 13

5:15 PM – 6:15 PM

Hall G

Acute Endovascular Treatment Moderated Poster Tour

T MP1 – T MP12

SECTION 1

Moderators: Osama Zaidat, MD, Milwaukee, WI
Pascal Jabbour, MD, Philadelphia, PA

Poster Board Number MP1 / Presentation Number T MP1

Predictive Factors of Favorable Outcome in Patients With Acute Large Vessel Occlusion

Shinichi Yoshimura, Gifu Univ, Gifu city, Japan; Nobuyuki Sakai, Kobe City Medical Ctr General Hosp, Kobe city, Japan; Yasushi Okada, Natl Hosp Organization Kyushu Medical Ctr, Fukuoka city, Japan; Kazuo Kitagawa, Osaka Univ, Suita city, Japan; Kazumi Kimura, Kawasaki Medical Sch, Kurashiki city, Japan; Norio Tanahashi, Saitama Medical Univ, Saitama city, Japan; Hiroshi Yamagami, Natl Cerebral and Cardiovascular Ctr, Suita city, Japan; Yusuke Egashira, Gifu Univ, Gifu city, Japan; Toshio Hyogo, Nakamura Memoria Hosp, Sapporo city, Japan

Poster Board Number MP2 / Presentation Number T MP2

Efficacy of Endovascular Therapy in Acute Ischemic Stroke with Major Artery Occlusion of Anterior Circulation -RESCUE-Japan Registry-

Hiroshi Yamagami, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Shinichi Yoshimura, Yukiko Enomoto, Yusuke Egashira, Gifu Univ, Gifu, Japan; Nobuyuki Sakai, Kobe City Medical Ctr General Hosp, Kobe, Japan; Yasushi Okada, Natl Hosp Organization Kyushu Medical Ctr, Fukuoka, Japan; Kazuo Kitagawa, Osaka Univ Graduate Sch of Med, Suita, Japan; Kazumi Kimura, Kawasaki Medical Sch, Kurashiki, Japan; Norio Tanahashi, Saitama Medical Univ Intl Medical Ctr, Saitama, Japan; Toshio Hyogo, Nakamura Memorial Hosp, Sapporo, Japan; RESCUE-Japan Investigators

Poster Board Number MP3 / Presentation Number T MP3

DWI Volume May Not Be a Single Stop Sign of Endovascular Revascularization Therapy for Acute Ischemic Stroke

Jin Soo Lee, Manyong Lee, Ji Man Hong, Dept of Neurology, Ajou Univ Sch of Med, Ajou Univ Hosp, Suwon, Korea, Republic of; Seung Soo Sheen, Section of Clinical Epidemiology & Biostatistics, Regional Clinical Trial Ctr, Ajou Univ Sch of Med, Suwon, Korea, Republic of

Poster Board Number MP4 / Presentation Number T MP4

The Rapidity of Recanalization is an Independent Factor to Achieve Good Clinical Outcome After Intraarterial Thrombectomy

Hye Seon Jeong, Hee-Jung Song, Hyon-Jo Kwon, Hyeon-Song Koh, Jei Kim, Chungnam Natl Univ Hosp, Daejeon, Korea, Republic of

Poster Board Number MP5 / Presentation Number T MP5

Primary Aspiration Thrombectomy With the Penumbra Max Catheter System Allows Rapid Recanalization and Cost Efficiency in Acute Stroke Treatment

Thinesh Sivapatham, Jeffrey Lassig, James Goddard, Michael Madison, St Paul Radiology, Minneapolis, MN; Karen Porth, Lana Stein, Amy Castle, St Joseph's Hosp, Minneapolis, MN; Melissa Kolbow, St Paul Radiology, Minneapolis, MN; Sandra Hanson, St Joseph's Hosp, Minneapolis, MN

Poster Board Number MP6 / Presentation Number T MP6

Angiographic Arteriovenous Shunting in Large Vessel Occlusion Strokes: Not an Ominous Sign

Raul G Nogueira, Emory Univ/Grady Memorial Hosp, Atlanta, GA; Vitor Mendes Pereira, Univ Hosp of Geneva, Geneva, Switzerland; Antoni Davalos, Univ Hosp Germans Trias i Pujol, Barcelona, Spain; Alain Bonafé, CHU de Montpellier – Guy de Chauliac, Montpellier, France; Carlos Castañó, Univ Hosp Germans Trias i Pujol, Barcelona, Spain; Arnold Marcel, Univ of Bern, Bern, Switzerland; Thomas Liebig, Univ Hosp of Cologne, Cologne, Germany; René Chapot, Alfred Krupp Krankenhaus, Essen, Germany; Mayank Goyal, Univ of Calgary, Calgary, AB, Canada; Roman Sztajzel, Univ Hosp of Geneva, Geneva, Switzerland; Fabien Scalzo, Mark Johnson, UCLA, Los Angeles, CA; Michael Besselmann, Klinikum Osnabrueck, Osnabrueck, Germany; Antonio Moreno, Hosp Virgen de la Arrixaca, Murcia, Spain; Gerhard Schroth, Jan Gralla, Univ of Bern, Bern, Switzerland; David S Liebeskind, UCLA, Los Angeles, CA

Poster Board Number MP7 / Presentation Number T MP7

TICI 2B vs TICI 3: Differences in Infarct Volumes and Clinical Outcomes in Proximal Intracranial Large Vessel Occlusions Treated With Endovascular Therapy

Srikant Rangaraju, Amin Aghaebrahim, Christopher Streib, Ashutosh P Jadhav, Tudor G Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA

Poster Board Number MP8 / Presentation Number T MP8

The Thrive Score Strongly Predicts Outcomes in Patients Treated With the Solitaire Device in the Swift and Star Trials

Alexander Flint, Kaiser Permanente, Redwood City, CA; Vitor Mendes Pereira, Univ Hosp of Geneva, Switzerland, Geneva, Switzerland; Elad I Levy, SUNY Buffalo, Buffalo, NY; Jeff Saver, UCLA, Los Angeles, CA; Tudor Jovin, Univ of Pittsburgh, Pittsburgh, PA; David Liebeskind, UCLA, Los Angeles, CA; Raul Nogueira, Emory, Atlanta, GA; Reza Jahan, UCLA, Los Angeles, CA; Sean Cullen, Kaiser Permanente, Redwood City, CA

Poster Board Number MP9 / Presentation Number T MP9

Analysis of MR RESCUE Dataset Employing DEFUSE 2 Target Mismatch Criteria for Defining Penumbra

Chelsea S Kidwell, Univ of Arizona, Tucson, AZ; Reza Jahan, Jeffrey Gornbein, Jeffrey R Alger, Val Nenov, UCLA Medical Ctr, Los Angeles, CA; Zahra Ajani, Lei Feng, Kaiser Permanente Medical Ctr, Los Angeles, CA; Brett C Meyer, UCSD Medical Ctr, San Diego, CA; Scott Olson, Scripps Clinic, UCSD, San Diego, CA; Lee H Schwamm, Albert J Yoo, Harvard Medical Sch and Massachusetts General Hosp, Boston, MA; Randolph S Marshall, Philip M Meyer, Columbia Univ, New York, NY; Dileep R Yavagal, Univ of Miami, Miami, FL; Max Wintermark, Univ of Virginia, Charlottesville, VA; Gina Norato, Univ of Arizona, Tucson, AZ; Laura Russell, Courtney Hsieh, Georgetown Univ, Washington, DC; Judy Guzy, Sidney Starkman, Jeffrey L Saver, UCLA Medical Ctr, Los Angeles, CA; MR RESCUE Investigators

Poster Board Number MP10 / Presentation Number T MP10

Pittsburgh Response to Endovascular Therapy (PRE) Score Predicts Likelihood of Benefit From Endovascular Therapy in Anterior Circulation Large Vessel Occlusions

Srikant Rangaraju, Amin Aghaebrahim, Christopher Streib, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Chung-Huan Sun, Marcus Stroke and Neuroscience Inst, Atlanta, GA; Marc Ribo, Marion Muchada, Unitat d'Ictus Vall d'Hebron, Barcelona, Spain; Raul Nogueira, Frankel Michael, Marcus Stroke and Neuroscience Inst, Atlanta, GA; Rishi Gupta, Wellstar Neurosurgery, Atlanta, GA; Ashutosh P Jadhav, Tudor G Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA

Poster Board Number MP11 / Presentation Number T MP11

Acute Endovascular Reperfusion Therapy Has Inconsistent Results Across Randomized Clinical Trials -A Systematic Review and Meta-Analysis

Toshiya Osanai, Cleveland Clinic, Cleveland, OH; Vinary Pasupuleti, Abhishek Deshpande, Priyaleela Thota, Case Western Reserve Univ, Cleveland, OH; Yuani Roman, Adrian V Hernandez, Unidad de Análisis y Generación de Evidencia en Salud Pública (UNAGESP), Lima, Peru; Ken Uchino, Cleveland Clinic, Cleveland, OH

Poster Board Number MP12 / Presentation Number T MP12

Primary Manual Aspiration Thrombectomy (MAT) for Acute Ischemic Stroke: Safety, Feasibility and Outcomes in 112 Consecutive Patients

Brian T Jankowitz, Anat Horev, Ramesh Grandhi, Amin Aghaebrahim, Ashutosh Jadhav, Guillermo Linares, Tudor Jovin, UPMC Presbyterian, Pittsburgh, PA

**Acute Nonendovascular Treatment
Moderated Poster Tour**

T MP13 – T MP24

SECTION 2

Moderators: Magdy Selim, MD, PhD, FAHA, Boston, MA
Helmi Lutsep, MD, FAHA, Portland, OR

Poster Board Number MP13 / Presentation Number T MP13

Chagas Disease Related Stroke: Safety of Intravenous Thrombolysis and Endovascular Treatment

Pedro T Cougo-Pinto, Bruno L Dos Santos, Francisco A Dias, Millene R Camilo, Frederico F Alessio-Alves, Clara M Barreira, Taiza E Santos-Pontelli, Daniel G Abud, João P Leite, Octavio M Pontes-Neto, Ribeirão Preto Medical Sch, Ribeirão Preto, Brazil

Poster Board Number MP14 / Presentation Number T MP14

Clinical Outcomes Following Thrombolysis for Acute Ischemic Stroke in Patients with Primary Brain Tumors: A Nationwide Population Study

Santosh B Murthy, Johns Hopkins Univ, Baltimore, MD; Shreyansh Shah, Natl Insts of Health (NIH), Bethesda, MD; Siddharth Karanth, Univ of Texas Sch of Public Health, Houston, TX; Aditi Shastri, Montefiore Medical Ctr, Bronx, NY; Eric Bershad, Jose I Suarez, Baylor Coll of Med, Houston, TX

Poster Board Number MP15 / Presentation Number T MP15

Post IV Thrombolytic Headache Does Not Predict Hemorrhagic Transformation Risk in Acute Ischemic Stroke

Anmar Razak, Soo Young Kwon, Saqib Chaudhry, Hillary Kneale, Ammar Al Jajeh, Syed Hussain, Michigan State Univ, East Lansing, MI

Poster Board Number MP17 / Presentation Number T MP17

Reduced Lesion Volume in the rtPA-Epifibatide Group in CLEAR-ER Study

Ariyan Javadi, Opeolu Adeoye, Univ of Cincinnati Medical Ctr, Cincinnati, OH; Jane Khoury, Heidi Sucharew, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Pamela Schmit, Thomas Tomsick, Arthur Pancioli, Univ of Cincinnati Medical Ctr, Cincinnati, OH

Poster Board Number MP18 / Presentation Number T MP18

Physical Activity Prior To Stroke May Exert Neurorestorative Effects By Increasing Vascular Endothelial Growth Factor Expression After Acute Ischemic Stroke

Elena Lopez-Cancio, Hosp Univri Germans Trias i Pujol, Badalona (barcelona), Spain; Tomas Sobrino, Francisco Campos, Hosp Clínico Univrio de Santiago, Santiago de Compostela, Spain; Ana Clara Ricciardi, Natalia Pérez de la Ossa, Maria Hernández-Pérez, Meritxell Gomis, Laura Dorado, Hosp Univri Germans Trias i Pujol, Badalona (barcelona), Spain; Juan Francisco Arenillas, Hosp Clínico Univrio de Valladolid, Valladolid, Spain; Antonio Dávalos, Hosp Univri Germans Trias i Pujol, Badalona (barcelona), Spain

Poster Board Number MP19 / Presentation Number T MP19

Intrepid Registry: Association of Procedure Time With Complications

Demetrius Lopes, Rush Univ, Chicago, IL; David Kallmes, Mayo Clinic, Rochester, MN; IntrePED Investigators

Poster Board Number MP20 / Presentation Number T MP20

A Rapid Clot Lysis Assay to Predict Response to IV rt-PA in Stroke

Irina Y Sazonova, Georgia Regents Univ, Augusta, GA; Francesco Janes, 'S Maria della Misericordia' Univ Hosp, Udine, Italy; Jennifer L Waller, Julia E Brittain, Georgia Regents Univ, Augusta, GA; Gian Luigi Gigli, Roberta Giacomello, 'S Maria della Misericordia' Univ Hosp, Udine, Italy; David C Hess, Jeffrey A Switzer, Medical College of Georgia, Augusta, GA

Poster Board Number MP21 / Presentation Number T MP21

Effect of IV rTPA in Mild Strokes in the Third International Stroke Trial (IST3): A Post Hoc Analysis

Pooja Khatri, Univ of Cincinnati, Cincinnati, OH; Darren Tayama, Genentech, Inc, South San Francisco, CA; Geoff Cohen, Univ of Edinburgh, Edinburgh, United Kingdom; Richard I Lindley, Univ of Sydney, Sydney, Australia; Joanna M Wardlaw, Univ of Edinburgh, Edinburgh, United Kingdom; Sharon D Yeatts, Medical Univ of South Carolina, Charleston, SC; Joseph P Broderick, Univ of Cincinnati, Cincinnati, OH; Peter Sandercock, Univ of Edinburgh, Edinburgh, United Kingdom; on behalf of the PRISMS and IST-3 Investigators

Poster Board Number MP22 / Presentation Number T MP22

Defining Mild Stroke: Outcomes Analysis of Treated and Untreated Mild Stroke Patients

Ilana Spokovny, Rema Raman, Karin Ernstrom, Thomas M Hemmen, Univ of California, San Diego, San Diego, CA; Pooja Khatri, Univ of Cincinnati, Cincinnati, OH; Brett C Meyer, Univ of California, San Diego, San Diego, CA

Poster Board Number MP23 / Presentation Number T MP23

M2 Vessel Diameter and Clot Length Influence Degree of Successful Recanalization Within 6 Hours Of Iv-tpa Treatment

Jamsheed A Desai, Univ of Calgary, Calgary, AB, Canada; Paul A Burns, Royal Victoria Hosp, Belfast, Ireland; Bijoy K Menon, Sachin Mishra, Mayank Goyal, Univ of Calgary, Calgary, AB, Canada; Sung-il Sohn, Keimyung Univ, Daegu, Korea, Democratic People's Republic of; Daurish Dowlatsahi, Univ of Ottawa, Ottawa, ON, Canada; Ana I Calleja Sanz, Univ of Valladolid, Valladolid, Spain; Josep P Alcantara, Hosp Dr Josep Trueta, Girona, Spain; Albert Y Jin, Queens Univ, Kingston, ON, Canada; Jean-Martin Boulanger, Sherbrooke Univ, Sherbrooke, QC, Canada; Alexandre Y Poppe, Univ de Montréal, Montreal, QC, Canada; Francois Moreau, Ctr Hospier Univire de Sherbrooke, Sherbrooke, QC, Canada; Talip Asil, Bezmialem Vakif Univ, Istanbul, Turkey; Yang-ha Hwang, Kyungpook Natl Univ, Daegu, Korea, Democratic People's Republic of; Seong H Ahn, Chosun Univ Sch of Med, Dong-gu, Korea, Democratic People's Republic of; Negar Asdaghi, Univ of British Columbia, Vancouver, BC, Canada; Robert Mikulik, St Anne's Univ Hosp, Brno, Czech Republic; Michael D Hill, Andrew M Demchuk, Univ of Calgary, Calgary, AB, Canada

Poster Board Number MP24 / Presentation Number T MP24

Are There Disparities in Thrombolytic Treatment and Mortality in Acute Ischemic Stroke in the Hispanic Population Living in Border States versus Non-Border States?

Ameer E Hassan, Univ of Texas Health Science Ctr – San Antonio, Harlingen, TX; Malik M Adil, Taqi T Zafar, Muhammad Umair, Zeenat Qureshi Stroke Inst and Centra-Care Health, St Cloud, MN; Wondwossen G Tekle, Olive Sanchez, Univ of Texas Health Science Ctr – San Antonio, Harlingen, TX; Adnan I Qureshi, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN

SECTION 3

Moderators: Marc I Chimowitz, MD, FAHA, Charleston, SC
Colin Derdeyn, MD, FAHA, St. Louis, MO

Poster Board Number MP25 / Presentation Number T MP25**Recanalization of Acute Basilar Artery Occlusion Improves Mortality and Functional Outcome: A Meta-Analysis**

Gyanendra Kumar, Andrei V Alexandrov, The Univ of Alabama at Birmingham, Birmingham, AL

Poster Board Number MP26 / Presentation Number T MP26

Role of 99tc-hmpao Spect in the Assessment of Cerebral Hemodynamic Parameters After Superficial Temporal Artery- Middle Cerebral Artery Bypass in Patients With Severe Steno-Occlusive Disease of Intracranial Carotid and Middle Cerebral Artery
Amit Batra, Arvind K Sinha, Leonard L Yeo, Rahul Rathakrishnan, Prakash Paliwal, Ning Chou, Tseng Tsai, Hock Luen Teoh, Bernard P Chan, Vincent F Chong, Vijay Sharma, NUHS, Singapore, Singapore

Poster Board Number MP27 / Presentation Number T MP27**Outcome Predictors in Basilar- versus Proximal Middle Cerebral Artery Occlusion: Data from the Endostroke-Registry**

Oliver C Singer, Dept of Neurology, Frankfurt, Germany; Joachim Berkefeld, Inst for Neuroradiology, Frankfurt, Germany; ENDOSTROKE Study Group

Poster Board Number MP28 / Presentation Number T MP28

High Rate of Symptomatic Intracranial Stenosis (sICS) in Patients Treated with Systemic Thrombolysis at a United States Stroke Belt Tertiary Care Center
Kara A Sands, Reza Bavarsad Shahripour, Univ of Alabama at Birmingham, Birmingham, AL; Georgios Tsivgoulis, Univ of Athens, Athens, Greece; Michael J Lyerly, Gyanendra Kumar, April Sisson, Pawan V Rawal, Muhammad Alvi, Niren Kapoor, J Thomas Houston, Andrei V Alexandrov, Univ of Alabama at Birmingham, Birmingham, AL

Poster Board Number MP29 / Presentation Number T MP29

Impaired Vasodilatory Reserve on Acetazolamide-Challenged 99tc-hmpao-Spect is a Strong Predictor of Stroke Recurrence in Patients With Severe Steno-Occlusive Disease of Intracranial Carotid or Middle Cerebral Artery
Prakash Paliwal, Leonard Yeo, Arvind K Sinha, Amit Batra, Rahul Rathakrishnan, Chou Ning, Tseng Tsai, Hock Luen Teoh, Bernard P Chan, Vincent F Chong, Vijay Sharma, NUHS, Singapore, Singapore

Poster Board Number MP30 / Presentation Number T MP30**Cerebral Arteriogenesis and Angiogenesis: Distinct Angioarchitecture of Innate and EDAS Collaterals in Intracranial Arterial Steno-Occlusive Disease**

Nestor R Gonzalez, Yinn Ooi, Mark Connolly, Fernando Vinuela, David S Liebeskind, Jeffrey Saver, UCLA, Los Angeles, CA

Poster Board Number MP31 / Presentation Number T MP31**3D Computational Flow Model of Intracranial Arterial Stenosis With Physiologic Boundary Conditions**

Mark Connolly, Fabien Scalzo, David Liebeskind, Nestor R Gonzalez, UCLA, Los Angeles, CA

Poster Board Number MP32 / Presentation Number T MP32**T1-Weighted Magnetic Resonance Imaging Evaluation of Carotid Artery Outward Remodeling in Carotid Endarterectomy and Stenting**

Daisuke Maruyama, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Kenji Fukuda, Faculty of Med Fukuoka Univ, Fukuoka, Japan; Keita Yamauchi, Daizo Ishii, Norikata Kobayashi, Kenichi Morita, Tetsu Satow, Hiroharu Kataoka, Jyoji Nakagawara, Koji Iihara, Natl Cerebral and Cardiovascular Ctr, Suita, Japan

Poster Board Number MP33 / Presentation Number T MP33**Biomarkers of Ischemic Outcomes in Symptomatic Intracranial Stenosis (BIOSIS) – Preliminary Results**

Michael R Frankel, Arshed Quyyumi, Yize Zhao, Qi Long, Ngoc-Anh Le, Edmund K Waller, Michael Lynn, Emory Univ, Atlanta, GA; Juan F Arenillas, Hosp Clínico Univiro Valladolid, Valladolid, Spain; Bethany Lane, Emory Univ, Atlanta, GA; Marc Chimowitz, Medical Univ of South Carolina, Charleston, SC; BIOSIS and SAMMPRIS Investigators

Poster Board Number MP34 / Presentation Number T MP34**Correlates of Clot Length Assessed by Thin-Section CT in a Consecutive Series of Stroke Patients**

Albert Yoo, Massachusetts General Hosp, Boston, MA; Don Frei, David Loy, Swedish Medical Ctr, Englewood, CO; Donald Heck, Forsyth Medical Ctr, Winston-Salem, NC; Mario Aceves, Hope Buell, Penumbra Inc, Alameda, CA; Shervin Kamalian, Livia Morais, Massachusetts General Hosp, Boston, MA; Ashley Bitner, Swedish Medical Ctr, Englewood, CO; Arani Bose, Siu Po Sit, Penumbra Inc, Alameda, CA

Poster Board Number MP35 / Presentation Number T MP35**Difference in Long-Term Survival After Carotid Endarterectomy Between Standard and High Risk Patients**

Sung Hyuk Heo, Hyejung Nam, Dae-Il Chang, Kyung Hee Univ Hosp, Seoul, Korea, Republic of; Seon Hee Bu, Seoul Bukbu Hosp, Seoul, Korea, Republic of

Poster Board Number MP36 / Presentation Number T MP36**Indocyanine Green Videoangiography for Assessment of Postoperative Hyperperfusion in Moyamoya Disease**

Nobutaka Horie, Minoru Morikawa, Yuhtaka Fukuda, Youichi Morofuji, Takeshi Hiu, Kentaro Hayashi, Tsuyoshi Izumo, Kazuhiko Suyama, Izumi Nagata, Nagasaki Univ Sch of Med, Nagasaki, Japan

SECTION 4

Moderator: Catherine E Lang, PT, PhD, St Louis, MO

Poster Board Number MP37 / Presentation Number T MP37**Fractional Anisotropy Changes in the Acute Stroke Phase Only Modestly Predict Motor Outcome at 3 Months**

Christopher Doughty, Jasmine Wang, Gottfried Schlaug, Beth Israel Deaconess Med Ctr, Boston, MA

Poster Board Number MP38 / Presentation Number T MP38**A Simple Bedside Grading Scale Can Predict Severe Post-Stroke Upper-Limb Spasticity**

Wuwei Feng, Andrew Gundran, Madhura Athreya, Lindsay Perry, Steven Kautz, Robert J Adams, Medical Univ of South Carolina, Mount Pleasant, SC

Poster Board Number MP39 / Presentation Number T MP39**Mirror Therapy in Unilateral Neglect after Stroke: Systematic Review and Meta Analysis**

Rani Arora, Loma Linda Univ, Loma Linda, CA

Poster Board Number MP40 / Presentation Number T MP40**A Home-Based Telerehabilitation System for Patients With Stroke**

Lucy Dodakian, Univ of California, Irvine, Irvine, CA; Alison McKenzie, Chapman Univ, Orange, CA; Erin Burke, Jill See, Robert Zhou, Rene Augsburg, Steven C Cramer, Univ of California, Irvine, Irvine, CA

Poster Board Number MP41 / Presentation Number T MP41**Early Mobilization in Aneurysmal Subarachnoid Hemorrhage Accelerates the Recovery of Function**

Brian F Olkowski, Mandy J Binning, Geri Sanfillippo, Amy E Warren, Erol Veznedaroglu, Kenneth M Liebman, Melissa L Arcaro, Laurie E Slotnick, Capital Health, Trenton, NJ

Poster Board Number MP42 / Presentation Number T MP42**The Use of Voxel-Based Lesion Symptom Mapping to Relate Lesion Location to Motor Performance in Chronic Stroke Survivors**

Kimberly Shibuya, Chapman Univ, Orange, CA; Erin Burke, Lucy Dodakian, Jill See, Steven C Cramer, Univ of California, Irvine, CA; Alison McKenzie, Univ of California, Orange, CA

Poster Board Number MP43 / Presentation Number T MP43**Utility of Augmented Reality in Relation to Virtual Reality in Stroke Rehabilitation**

Hossein M Hondori, Maryam Khademi, Univ of California, Irvine, Irvine, CA; Alison McKenzie, Chapman Univ, Orange, CA; Lucy Dodakian, Cristina V Lopes, Steven C Cramer, Univ of California, Irvine, Irvine, CA

Poster Board Number MP44 / Presentation Number T MP44**Different Predictors of Treatment Gains in Lacunar and Non-lacunar Stroke**

Erin Burke, Lucy Dodakian, Jill See, Jeff D Riley, Univ of California, Irvine, Irvine, CA; Alison McKenzie, Chapman Univ, Orange, CA; Vu Le, Steven C Cramer, Univ of California, Irvine, Irvine, CA

Poster Board Number MP45 / Presentation Number T MP45**Ethnic Differences in Access to Post-acute Care Following Stroke: The BASIC Project**

Lynda Lisabeth, Univ of Michigan, Ann Arbor, MI; Nneka Ifejika-Jone, Univ of Texas, Houston, TX; Susan Horn, Inst for Clinical Outcomes Res, Salt Lake City, UT; Michael Wheaton, Lesli Skolarus, Nelda Garcia, Melinda Smith, Lewis Morgenstern, Univ of Michigan, Ann Arbor, MI

Poster Board Number MP46 / Presentation Number T MP46**Stroke-Related Neuroplasticity During Steering of Human Gait**

Caroline Paquette, Jean-Paul Soucy, McGill Univ, Montreal, QC, Canada

Poster Board Number MP47 / Presentation Number T MP47**Intentional Oral Food Intake Challenge Improves the Functional Outcome of Severe Stroke Patients**

Yoko Yokoyama, Nobuhiko Yokoyama, Tomoko Kagiya, Yoshimasa Watanabe, Yoshihiro Ishimatsu, Kenji Kusuda, Kaoru Onoyama, Setsuro Ibayashi, Seiai Rehabilitation Hosp, Fukuoka, Japan

Poster Board Number MP48 / Presentation Number T MP48**Determinants of Early and Late Recovery After Acute Ischemic Stroke: A Multicenter Stroke Registry-based Observational Study**

Min Uk Jang, Jihoon Kang, Beom Joon Kim, Jeong-Ho Hong, Min Ju Yeo, Moon-Ku Han, Seoul Natl Univ Bundang Hosp, Seongnam, Korea, Republic of; Byung-Chul Lee, Kyung-Ho Yu, Hallym Univ Sacred Heart Hosp, Anyang, Korea, Republic of; Yong-Jin Cho, Keun-Sik Hong, Hallym Univ Sacred Heart Hosp, Goyang, Korea, Republic of; Jong-Moo Park, Kyusik Kang, Eulji General Hosp, Eulji Univ, Seoul, Korea, Republic of; Jae Kwan Cha, Dae-Hyun Kim, Dong-A Univ Hosp, Pusan, Korea, Republic of; Jin Young Ahn, Tai Hwan Park, Seoul Medical Ctr, Seoul, Korea, Republic of; Kyung Bok Lee, Soonchunhyang Univ Coll of Med, Seoul, Korea, Republic of; Soo Joo Lee, Youngchul Ko, Eulji Univ Hosp, Eulji Univ Sch of Med, Daejeon, Korea, Republic of; Jun Lee, Yeungnam Univ Medical Ctr, Daegu, Korea, Republic of; Joon-Tae Kim, Chonnam Natl Univ Hosp, Gwangju, Korea, Republic of; Dong-Eog Kim, Dongguk Univ Ilsan Hosp, Goyang, Korea, Republic of; Jay Chol Choi, Jeju Natl Univ Hosp, Jeju, Korea, Republic of; Juneyoung Lee, Korea Univ Coll of Med, Seoul, Korea, Republic of; Ji Sung Lee, Soonchunhyang Univ Medical Ctr of Biostatistics, Seoul, Korea, Republic of; Hee-Joon Bae, Seoul Natl Univ Bundang Hosp, Seongnam, Korea, Republic of

Emergency Care/Systems Moderated Poster Tour T MP49 – T MP60**SECTION 5**

Moderator: Karen C Johnston, MD, FAHA, Charlottesville, VA
Laura Heitsch, MD, St Louis, MO

Poster Board Number MP49 / Presentation Number T MP49**Pre-Hospital Utility of Rapid Stroke Evaluation Using In-Ambulance Telemedicine (PURSUIT): A Pilot Feasibility Study**

Tzu-Ching Wu, Claude Nguyen, Christy Ankrom, UT Houston Medical Sch, Houston, TX; Julian Yang, UT SouthWestern, Dallas, TX; Farhaan Vahidy, James Grotta, Sean Savitz, UT Houston Medical Sch, Houston, TX

Poster Board Number MP50 / Presentation Number T MP50**Appropriate Stroke Team Activations Through Use of Los Angeles Pre-hospital Stroke Scale (LAPSS)**

Martha Power, Frank Bittner, Patricia Horstman, Owen Lander, Thomas Marshall, Jay Sherman, Tanya Smith, West Virginia Univ Hosp, Morgantown, WV; Laurie Gutmann, Univ of Iowa, Iowa City, IA

Poster Board Number MP51 / Presentation Number T MP51**Concordance of Emergency Medical Services and Neurology Times Last Seen Normal in Acute Ischemic Stroke Patients**

Nell Rose E Steed, Omar Kasshout, Emory Univ, Atlanta, GA; Katja Bryant, Wellstar, Atlanta, GA; Cynthia Brasher, Tareq Kasshout, Aaron Stayman, Samir Belagaje, Aaron Anderson, Michael Frankel, Raul Nogueira, Rishi Gupta, Manuel Yepes, Fadi Nahab, Emory Univ, Atlanta, GA

Poster Board Number MP52 / Presentation Number T MP52**Treatment Times are Reduced by Prehospital Initiation of Neuroprotective Stroke Therapy**

Randy Sanoff, Samantha B Cherin, UCLA, Los Angeles, CA; Nerses Sanossian, USC, Los Angeles, CA; Robin Conwit, Natl Insts of Health, Bethesda, MD; Scott Hamilton, Stanford Univ, Palo Alto, CA; Marc Eckstein, Los Angeles Fire Dept, Los Angeles, CA; Samuel Stratton, UCLA, Los Angeles, CA; Franklin Pratt, Los Angeles County Fire Dept, Los Angeles, CA; David Liebeskind, Latisha Ali, UCLA, Los Angeles, CA; May Kim-Tenser, USC, Los Angeles, CA; Lucas Restrepo, Miguel Valdes-Sueiras, Sidney Starkman, Jeffrey L Saver, UCLA, Los Angeles, CA; For The FAST-MAG Investigators and Coordinators

Poster Board Number MP53 / Presentation Number T MP53**Whole Blood Immuno-Chromatography for Rapid Detection of Cerebral Ischemia in the Pre-Hospital Setting**

Luther Creed Pettigrew, Melissa A Bradley-Whitman, Mark A Lovell, Univ of Kentucky, Lexington, KY

Poster Board Number MP54 / Presentation Number T MP54**Hospital Characteristics Associated with Advanced Primary Stroke Center Designation**

Catherine McDonald, Steven Cen, Lucas Ramirez, William J Mack, Nerses Sanossian, Univ of Southern California, Los Angeles, CA

Poster Board Number MP55 / Presentation Number T MP55**Implementation of an Emergency Department Stroke Unit Improves Clinical Outcomes for Acute Ischemic Stroke Due to Shorter Times to Treatment**

Lucas Elijovich, Ameer Al Wafai, Joshua Lennon, UTHSC, Memphis, TN; Jennifer Phillips, Leesa Wright, Methodist Univ Hosp, Memphis, TN; Mervat Wahba, UTHSC, Memphis, TN; Ray Walther, Methodist Univ Hosp, Memphis, TN

Poster Board Number MP56 / Presentation Number T MP56**Challenges in Telethrombolysis: Is Underestimation of Early Ischemic Changes by Stroke Neurologists Associated With Symptomatic Intracranial Hemorrhage?**

Charlotte Zerna, Johannes Gerber, Volker Pütz, Ulf Bodechtel, Jessica Kepplinger, Kristian Barlinn, Lars-Peder Pallesen, Timo Siepmann, Rüdiger von Kummer, Univ Hosp Carl Gustav Carus, Dresden, Germany

Poster Board Number MP57 / Presentation Number T MP57**Are The Recommendations For The Emergency Management Of Acute Ischemic Stroke Patients On Novel Oral Anticoagulants Sufficient?**

Jessica Kepplinger, Kristian Barlinn, Siegmund Gehrisch, Jan Beyer-Westendorf, Volker Puetz, Ulf Bodechtel, Univ Hosp Dresden, Dresden, Germany

Poster Board Number MP58 / Presentation Number T MP58**Asymptomatic Hemorrhagic Transformation after Acute Ischemic Stroke: Is It Clinically Innocuous?**

Bo Wu, West China Hosp, Sichuan Univ, Chengdu, China

Poster Board Number MP59 / Presentation Number T MP59**Texas Stroke Intervention Pre-Hospital Stroke Severity Scale (aka LEGS score): A Triaging Tool for Interventional Stroke Therapy**

Alexander Venizelos, Sherman Chen, Ryan Gianatasio, Stewart Coffman, Mark Gamber, John H Myers, Vallabh Janardhan, Texas Stroke Inst, Plano, TX

Poster Board Number MP60 / Presentation Number T MP60**Limited Role for Neurosurgical Hematoma Evacuation for Post-Alteplase Ischemic Stroke Patients: Impact on the Role of Neurosurgical Coverage for Primary Stroke Patients**

Alexander Venizelos, Debbie Roper, Paul A Hansen, Abhi Pandhi, Jeff Coulson, Ryan Gianatasio, Scott Robins, Vallabh janardhan, Texas Stroke Inst, Plano, TX

Community/Risk Factors Moderated Poster Tour II**T MP61 – T MP72****SECTION 6**

Moderator: Mark J Alberts, MD, Dallas, TX

Poster Board Number MP61 / Presentation Number T MP61**Cognitive Impairment and Incident Stroke: A Systematic Review and Meta-analysis**

Meng Lee, Dept of Neurology, Chang Gung Univ and Memorial Hosp, Chiayi, Taiwan; Jeffrey L Saver, UCLA Stroke Ctr, Los Angeles, CA; Keun-Sik Hong, Dept of Neurology, Ilsan Paik Hosp, Inje Univ, Goyang, Korea, Republic of; Yi-Ling Wu, Dept of Neurology, Chang Gung Univ and Memorial Hosp, Chiayi, Taiwan; Hsing-Cheng Liu, Dept of Psychiatry, Song-De Branch, Taipei City Hosp, Taipei, Taiwan; Bruce Ovbiagele, Dept of Neuroscience, Medical Univ of South Carolina, Charleston, SC

Poster Board Number MP62 / Presentation Number T MP62**Persistent Racial Disparities in Outcomes for Middle-aged People With Intracerebral Hemorrhage in the US Stroke “Buckle”**

Andrea D Boan, Wuwei Feng, Robert J Adams, Bruce Ovbiagele, Daniel T Lackland, MUSC, Charleston, SC

Poster Board Number MP63 / Presentation Number T MP63**Temporal Trends In Stroke Incidence Over the Past Twenty Years: Stroke Incidence Has Stabilized, Racial Disparity is not Improving**

Dawn Kleindorfer, Univ of Cincinnati Medical Ctr, Cincinnati, OH; Kathleen Alwell, Univ of Cincinnati, Cincinnati, OH; Jane Khoury, Cincinnati Childrens Hosp Medical Ctr, Cincinnati, OH; Charles J Moomaw, Univ of Cincinnati, Cincinnati, OH; Daniel Woo, Opeolu Adeoye, Matthew L Flaherty, Pooja Khatri, Simona Ferioli, Univ of Cincinnati Medical Ctr, Cincinnati, OH; Felipe de los Rios La Rosa, Univ of Cincinnati, Cincinnati, OH; Sharyl Martini, Univ of Cincinnati Medical Ctr, Cincinnati, OH; Jason Mackey, Indiana Univ Health Physicians, Indianapolis, IN; Joseph P Broderick, Brett M Kissela, Univ of Cincinnati Medical Ctr, Cincinnati, OH

Poster Board Number MP64 / Presentation Number T MP64**John Henryism, Race-Ethnicity and Stroke Risk: Pilot Findings From the DESERVE Trial**

Emma K Benn, Leigh Quarles, Anastasia Sofianou, Veronica Perez, Vanessa Nieto, Bernadette Boden-Albala, Mount Sinai Sch of Med, New York, NY

Poster Board Number MP65 / Presentation Number T MP65**Moderate Alcohol Use Protects from Intracerebral Hemorrhage: Findings from the Ethnic/racial Variations of Intracerebral Hemorrhage (ERICH) Study**

Sebastian Koch, Univ of Miami, Miami, FL; Mark W Brown, Wake Forrest, Winston Salem, NC; Charles J Moomaw, Univ of Cincinnati, Cincinnati, OH; Carl D Langefeld, Wake Forrest, Winston Salem, NC; Sharyl R Martini, Univ of Cincinnati, Cincinnati, OH; Janet Braimah, Emory, Atlanta, GA; Jennifer Osborne, Daniel Woo, Univ of Cincinnati, Cincinnati, OH

Poster Board Number MP66 / Presentation Number T MP66**Injury to the Head or Neck Increases Risk of Ischemic Stroke Three-fold After Trauma**

Christine K Fox, Adam L Numis, UCSF, San Francisco, CA; Steve Sidney, Kaiser Permanente, Oakland, CA; Heather J Fullerton, UCSF, San Francisco, CA

Poster Board Number MP67 / Presentation Number T MP67**Physical Activity Reduces Stroke Risk Among Women in the California Teachers Study Cohort**

Sophia S Wang, City of Hope, Duarte, CA; Kamakshi Lakshminarayan, Univ of Minnesota, Minneapolis, MN; Mitchell Elkind, Columbia Univ, New York, NY; Jenna Voutsinas, James Lacey Jr, Chengyi Zhong, Huiyan Ma, Nadia Chung, City of Hope, Duarte, CA; Daniel Woo, Univ of Cincinnati, Cincinnati, OH; Leslie Bernstein, City of Hope, Duarte, CA

Poster Board Number MP68 / Presentation Number T MP68**The Concept of Frailty in Association with Patient Outcomes among Ischemic Strokes**

Heidi Sucharew, Cincinnati Children's Hosp, Cincinnati, OH; Mathew Reeves, Michigan State Univ, East Lansing, MI; Jane C Khoury, Cincinnati Children's Hosp, Cincinnati, OH; Kathleen Alwell, Charles J Moomaw, Brett M Kissela, Daniel Woo, Matthew L Flaherty, Opeolu Adeoye, Pooja Khatri, Simona Ferioli, Dawn O Kleindorfer, Univ of Cincinnati, Cincinnati, OH

Poster Board Number MP69 / Presentation Number T MP69**Do Neighborhood Characteristics Elevate Post-Stroke Mortality?**

Theresa Osypuk, Univ of Minnesota, Minneapolis, MN; J Robin Moon, Office of the Mayor, New York City, New York City, NY; Amy Ehntholt, Harvard Sch of Public Health, Boston, MA; M Maria Glymour, Univ of California, San Francisco, San Francisco, CA

Poster Board Number MP70 / Presentation Number T MP70**Dense Households and Weak Social Networks Increase Risk of Recurrent Vascular Events**

Kezhen Fei, Icahn Sch of Med at Mount Sinai, New York, NY; Sarah Albala, Univ of Pennsylvania, Philadelphia, PA; Leigh Quarles, Bernadette Boden-Albala, Icahn Sch of Med at Mount Sinai, New York, NY

Poster Board Number MP71 / Presentation Number T MP71**Evaluation of a Community-Wide Stroke Preparedness Intervention: Results of the ASPIRE Study**

Bernadette Boden-Albala, Icahn Sch of Med at Mount Sinai, New York, NY; Dorothy F Edwards, Univ of Wisconsin, Madison, Madison, WI; Jeffrey J Wing, Univ of Michigan, Ann Arbor, MI; M Christopher Gibbons, Johns Hopkins Univ, Bloomberg Sch of Public Health, Baltimore, MD; Amie Hsia, Medstar Washington Hosp Ctr Stroke Ctr, Washington, DC; Chelsea S Kidwell, Georgetown Univ, Washington, DC

Poster Board Number MP72 / Presentation Number T MP72**Temporal Trends in Public Awareness of Stroke Warning Signs and Risk Factors**

Aaron M Anderson, Emory Univ Sch of Med, Atlanta, GA; Jane C Khoury, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Eric Rademacher, Brett M Kissela, Daniel Woo, Matthew L Flaherty, Pooja Khatri, Opeolu Adeoye, Simona Ferioli, Arthur Pancioli, Joseph P Broderick, Dawn O Kleindorfer, Univ of Cincinnati, Cincinnati, OH

In-hospital Treatment Moderated Poster Tour T MP73 – T MP84**SECTION 7**

Moderator: Atte Meretoja, MD, Helsinki, Finland

Poster Board Number MP73 / Presentation Number T MP73**Effect of Hospital Factors on Individual-Level Early Do-Not-Resuscitate Orders in Ischemic Stroke**

Darin B Zahuranec, James F Burke, Univ Michigan Health System, Ann Arbor, MI; Adam G Kelly, Robert G Holloway, Univ of Rochester Medical Ctr, Rochester, NY; Lewis B Morgenstern, Univ Michigan Health System, Ann Arbor, MI

Poster Board Number MP74 / Presentation Number T MP74**The Effect of Elevated Factor VIII on Glycemic Control in Acute Ischemic Stroke Patients**

Michael Halstead, Brittany M Gouse, Dominique J Monlezun, Katherine Brag, James E Siegler, Alexander J George, Laurie Schluter, Ramy El Khoury, Sheryl Martin Schild, Tulane Univ Hosp, New Orleans, LA

Poster Board Number MP75 / Presentation Number T MP75**Effect of Subacute BP Variability on Subsequent Vascular Events in Patients with Acute Ischemic Stroke**

Jihoon Kang, Min Uk Jang, Jeong-Ho Hong, Min Ju Yeo, Beom Joon Kim, Myung Suk Jang, Mi Hwa Yang, Seoul Natl Univ Bundang Hosp, Seongnam-si, Korea, Republic of; Ji Sung Lee, Soonchunhyang Univ Hosp, Seoul, Korea, Republic of; Juneyoung Lee, Korea Univ Sch of Med, Seoul, Korea, Republic of; Wook-Joo Kim, Ulsan Univ Hosp, Ulsan Univ Coll of Med, Ulsan, Korea, Republic of; Moon-Ku Han, Hee-Joon Bae, Seoul Natl Univ Bundang Hosp, Seongnam-si, Korea, Republic of

Poster Board Number MP76 / Presentation Number T MP76**Acute Kidney Injury in Acute Ischemic Strokes is Associated with Worse Outcomes**

Faraz Khursheed, Louisiana State Univ Health Science Ctr, New Orleans, LA; Malik M Adil, Zeenat Qureshi Stroke Res Ctr and CentraCare Health System, St Cloud, MN; Fahad Saeed, Cleveland Clinic, Cleveland, OH; Lionel A Branch, Louisiana State Univ Health Science Ctr, New Orleans, LA; Gabriel A Vidal, Ochsner Medical Ctr, New Orleans, LA; Adnan I Qureshi, Zeenat Qureshi Stroke Res Ctr and CentraCare Health System, St Cloud, MN

Poster Board Number MP77 / Presentation Number T MP77**Incidence of Neurofluctuation in Patients with Subcortical Ischemic Stroke – Results from a Prospective Cohort Study**

Farhaan S Vahidy, Univ of Texas – Health Science Ctr, Houston, TX; William J Hicks II, Ohio Health Neurological Physicians, Columbus, OH; Indrani Acosta, Florida Hosp Altamonte, Altamonte Springs, FL; Hen Hallevi, Tel Aviv Univ, Tel Aviv, Israel; Hui Peng, Renganayaki Pandurengan, Nicole Gonzales, Andrew Barreto, Univ of Texas – Health Science Ctr, Houston, TX; Sheryl Martin-Schild, Tulane Univ Sch of Med, New Orleans, LA; Tzu-Ching Wu, Mohammad H Rahbar, Arvind Bambhroliya, James C Grotta, Sean I Savitz, Univ of Texas – Health Science Ctr, Houston, TX

Poster Board Number MP78 / Presentation Number T MP78**Real Time Prediction of Early Neurologic Deterioration using A Blood Pressure Volatility Model in Acute Ischemic Stroke**

Jihoon Kang, Seoul Natl Univ Bundang Hosp, Seongnam-si, Korea, Republic of; Maeng Seok Noh, Pukyong Natl Univ, Busan, Korea, Republic of; Youngjo Lee, Seoul Natl Univ, Seoul, Korea, Republic of; Min Uk Jang, Jeong-Ho Hong, Beom Joon Kim, Min Ju Yeo, Moon-Ku Han, Hee-Joon Bae, Seoul Natl Univ Bundang Hosp, Seongnam-si, Korea, Republic of

Poster Board Number MP79 / Presentation Number T MP79**Correlation Between ST Segment Abnormalities at Admission and Worse Neurologic Outcome 90 Days After Stroke: a Prospective Trial**

Gabriel P Braga MD, Renato S Gonçalves MD, Luiz Eduardo G Betting MD, Marcos F Minicucci MD, Rodrigo Bazan MD, Leonardo A Zornoff MD, Univ Estadual Paulista – UNESP, Botucatu, Brazil

Poster Board Number MP80 / Presentation Number T MP80**Prior Beta Blocker Use is Associated with Favorable Outcome in Patients with Acute Insular Stroke**

Kwang-Yeol Park, Chung-Ang Univ Hosp, Seoul, Korea, Republic of; Ross Avery, Mert Rory Sabuncu, AA Martinos Ctr for Biomedical Imaging, Boston, MA; Octavio Pontes Neto, Hakan Ay, Massachusetts General Hosp, Boston, MA

Poster Board Number MP81 / Presentation Number T MP81

Combination Therapy of Intravenous Glycoprotein IIb-IIIa Inhibitors and Low Dose Tissue Plasminogen Activator for Acute Ischemic Stroke
Divyanshu Dubey, Chirantan Banerjee, Univ of Texas Southwestern Medical Ctr, Dallas, TX; Anshudha Sawhney, Netaji Subhash Chandra Bose Medical Coll, Jabalpur, India

Poster Board Number MP82 / Presentation Number T MP82

Time to Recanalization after Cerebral Venous Thrombosis
Nayelli Arguelles-Morales, Juan Camilo Vargas-Gonzalez, Angelica Ruiz-Franco, Alejandro Quiroz-Compean, Antonio Arauz-Gongora, Insto Nacional de Neurología y Neurocirugía "Manuel Velásco Suárez", México City, Mexico

Poster Board Number MP83 / Presentation Number T MP83

Comparison of Pharmacologic versus Mechanical Venous Thromboembolism Prophylaxis in Patients with Intracranial Hemorrhage
Jennifer A Frontera, Cleveland Clinic Fndn, Cleveland, OH; Maximo Jovine, Samuel Hunter, Ashley Catalano, Errol Gordon, Mount Sinai, New York, NY

Poster Board Number MP84 / Presentation Number T MP84

Early Specialist Management of In-Hospital Stroke Patients
Dulka Manawadu, Jithesh Choyi, Lalit Kalra, King's Coll Hosp, London, United Kingdom

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

T MP85 – T MP96

SECTION 8

Moderators: Lesli Skolarus, MD, Ann Arbor, MI
Bernadette Boden-Albala, DrPH, New York, NY

Poster Board Number MP85 / Presentation Number T MP85

Does Pre-Stroke Disability Affect Acute Evaluation, Treatment and Outcomes After Stroke?
Nabeel A Herial, Rema Raman, Karin Ernstrom, Karen Rapp, Konrad H Schlick, Royya Modir, Dawn M Meyer, Brett C Meyer, Thomas M Hemmen, Univ of California San Diego, San Diego, CA

Poster Board Number MP86 / Presentation Number T MP86

Quality of Stroke Care in India: the Indo-US Stroke Project
Aneesh B Singhal, Massachusetts General Hosp, Boston, MA; PN Sylaja, Sree Chitra Thirunal Inst of Medical Sciences and Technology, Trivandrum, India; Subash Kaul, Nizam's Inst of Medical Sciences, Hyderabad, India; Dheeraj Khurana, Postgraduate Inst of Medical Education & Res, Chandigarh, India; Vasantha Padma, All India Inst of Medical Sciences, New Delhi, India; Tijj K Thankachan, Massachusetts General Hosp, Boston, MA; Deepti Arora, Pritty Titus, Christian Medical Coll and Hosp, Ludhiana, India; Lee H Schwamm, Massachusetts General Hosp, Boston, MA; Jeyaraj D Pandian, Christian Medical Coll and Hosp, Ludhiana, India

Poster Board Number MP87 / Presentation Number T MP87

Comparison of Medicare Claims vs Physician Adjudication for Identifying Acute Strokes in the Women's Health Initiative
Kamakshi Lakshminarayan, Univ of Minnesota, Minneapolis, MN; Joe Larson, Fred Hutchinson Cancer Coordinating Ctr, Seattle, WA; Beth Virnig, Univ of Minnesota, Minneapolis, MN; Dale Burwen, Natl Insts of Health, Bethesda, MD

Poster Board Number MP88 / Presentation Number T MP88

Algorithms for Identification of Acute Stroke Hospitalizations in Medicare Data
Candace Fuller, Arindam Banerjee, James S Pankow, Kamakshi Lakshminarayan, Univ of Minnesota, Minneapolis, MN

Poster Board Number MP89 / Presentation Number T MP89

Development of Patient Reported Spasticity Symptom and Impact Assessment Measures
Christopher Evans, Endpoint and Outcomes Res LLC, Boston, MA; Somali Misra Burgess, Adelphi Values LLC, Boston, MA; Richard Zorowitz, Johns Hopkins Bayview Medical Ctr, Baltimore, MD; Kari Dunning, Univ of Cincinnati, Dept of Rehabilitation Sciences, Cincinnati, OH; Andrew Yaworsky, Adelphi Values LLC, Boston, MA; Vaidy Ganapathy, Patrick Gillard, Allergan, Inc, Irvine, CA; Brett Kissela, Univ of Cincinnati (UC) Neuroscience Inst, Cincinnati, OH

Poster Board Number MP90 / Presentation Number T MP90

Effect of Race and Early Blood Pressure Control on Long-Term Blood Pressure Control and Recurrent Stroke Risk
Mai N Nguyen-Huynh, Lue-Yen Tucker, Kaiser Permanente, Oakland, CA; Jeff Klingman, Kaiser Permanente, Walnut Creek, CA; Joseph D Young, Steve Sidney, Kaiser Permanente, Oakland, CA

Poster Board Number MP91 / Presentation Number T MP91

Association of Gender-Age Interaction With Outcome After Intracerebral Hemorrhage in Multiple Ethnicities
Michael James, Duke Univ Med Ctr, Durham, NC; Padmini Sekar, Univ of Cincinnati, Cincinnati, OH; Carl Langfeld, Wake Forest Univ, Winston-Salem, NC; Charles Moomaw, Univ of Cincinnati, Cincinnati, OH; Bradford Worrall, Univ of Virginia, Charlottesville, VA; Kevin Sheth, Univ of Maryland, Baltimore, MD; Michael Frankel, Emory, Atlanta, GA; Sharyl Martin, Jennifer Osborne, Daniel Woo, Univ of Cincinnati, Cincinnati, OH

Poster Board Number MP92 / Presentation Number T MP92

Patient Valuation of Each Level of the Modified Rankin Global Disability Scale: Insights from the Stroke Impact Scale
Napasri N Chaisinanunkul, Sidney Starkman, David Geffen Sch of Med, UCLA, Los Angeles, CA; Scott A Hamilton, Stanford Univ Sch of Med, Stanford, CA; Fiona Chatfield, David Geffen Sch of Med, UCLA, Los Angeles, CA; Robin A Conwit, NINDS/NIH, Bethesda, MD; Jeffrey L Saver, David Geffen Sch of Med, UCLA, Los Angeles, CA

Poster Board Number MP93 / Presentation Number T MP93

High 1- to 5-Year Mortality and Morbidity in Stable Patients Without Early Complications After Stroke or TIA
Richard H Swartz, Sunnybrook Health Sciences Ctr, Toronto, ON, Canada; Jiming Fang, Inst for Clinical and Evaluative Sciences (ICES), Toronto, ON, Canada; Moira K Kapral, Univ Health Network, Univ of Toronto, Toronto, ON, Canada

Poster Board Number MP94 / Presentation Number T MP94

Congestive Heart (or Cardiac) Failure: Risk Factors, Clinical Features and Outcomes in Patients With an Acute Ischemic Stroke
jitphapa pongmoragot, Gustavo Saposnik, St Michael's Hosp university of toronto, toronto, ON, Canada; Douglas Lee, Toronto General Hosp, Univ of Toronto, toronto, ON, Canada; Tai Hwan Park, Seoul Medical Ctr., Seoul, Korea, Democratic People's Republic of; Jiming Fang, Peter Austin, Inst for clinical evaluative science, toronto, ON, Canada

Poster Board Number MP95 / Presentation Number T MP95

Ethnic Differences In Initial Stroke Severity Vary By Age: The Brain Attack Surveillance In Corpus Christi (BASIC) Project
Jeffrey J Wing, Jonggyu Baek, Brisa N Sanchez, Lynda D Lisabeth, Melinda A Smith, Lewis B Morgenstern, Darin B Zahuranec, Univ of Michigan, Ann Arbor, MI

Poster Board Number MP96 / Presentation Number T MP96

Trends and Variation in Inpatient Discharge to Hospice Among High Stroke Volume Hospitals
Benjamin P George, Adam G Kelly, Univ of Rochester Sch of Med & Dentistry, Rochester, NY; Eric B Schneider, Johns Hopkins Sch of Med, Baltimore, MD; Robert G Holloway, Univ of Rochester Sch of Med & Dentistry, Rochester, NY

Preventive Strategies Moderated Poster Tour T MP97 – T MP 108

SECTION 9

Moderators: TBD

Poster Board Number MP97 / Presentation Number T MP97

Efficacy of Poststroke Intensive Rosuvastatin Treatment for Aortogenic Embolic Stroke: Episteme Trial
Yuji Ueno, Juntendo Univ Urayasu Hosp, Urayasu, Japan; Kazuo Yamashiro, Juntendo Univ Sch of Med, Tokyo, Japan; Yasutaka Tanaka, Masao Watanabe, Juntendo Univ Urayasu Hosp, Urayasu, Japan; Yoshiaki Shimada, Takuma Kuroki, Juntendo Univ Sch of Med, Tokyo, Japan; Nobukazu Miyamoto, Juntendo Univ Urayasu Hosp, Urayasu, Japan; Masao Daimon, Ryota Tanaka, Katsumi Miyauchi, Hiroyuki Daida, Nobutaka Hattori, Juntendo Univ Sch of Med, Tokyo, Japan; Takao Urabe, Juntendo Univ Urayasu Hosp, Urayasu, Japan

Poster Board Number MP98 / Presentation Number T MP98

Guideline-directed LDL Management Prior to Onset of Acute Ischemic Stroke in Patients with and Without Pre-existing Cardiovascular Disease: Findings from GWTG-stroke
Gustavo Saposnik, St Michael's Hosp, Dept of Health Policy, Management and Evaluation, Univ of Toronto, Toronto, ON, Canada; Gregg C Fonarow, Univ of California Los Angeles (UCLA), Los Angeles, CA; Wenqin Pan, Adrian F Hernandez, Duke Univ, Durham, NC; Lee Schwamm, Harvard Univ, Boston, MA; Eric E Smith, Univ of Calgary, Calgary, AB, Canada; on behalf of the AHA Get-With-The-Guidelines (GWTG)

Poster Board Number MP99 / Presentation Number T MP99**What Are the Blood Pressure Levels Associated With the Lowest Stroke Rates in the Elderly? Findings From the Reasons for Geographic and Racial Differences in Stroke (regards) Cohort Study**

Maciej Banach, Medical Univ of Lodz, Poland, Lodz, Poland; Samantha Bromfield, George Howard, Virginia J Howard, Sch of Public Health, Univ of Alabama at Birmingham, Birmingham, AL; Alberto Zanchetti, Istituto Auxologico Italiano and Univ of Milan, Milan, Italy; Wilbert S Aronow, Westchester Medical Ctr (New York Medical Coll), New York, NY; Ali Ahmed, Univ of Alabama at Birmingham, Birmingham, AL; Monika M Safford, Univ of Alabama at Birmingham Sch of Med, Birmingham, AL; Paul M Muntner, Sch of Public Health, Univ of Alabama at Birmingham, Birmingham, AL

Poster Board Number MP100 / Presentation Number T MP100**Improving Encounter Frequency, Physician Prescribing, or Patient Adherence – What Works Best for Controlling Blood Pressure? Results From a Validated Micro-Simulation Model**

Valy Fontil, Kirsten Bibbins-Domingo, Dhruv Kazi, Pamela Coxson, Univ of California San Francisco, San Francisco, CA; Steve Sidney, Kaiser Permanente, Oakland, CA; Raman Khanna, Univ of California San Francisco, San Francisco, CA; Ronald G Victor, Cedars-Sinai Heart Inst, Los Angeles, CA; Mark Pletcher, Univ of California San Francisco, San Francisco, CA

Poster Board Number MP101 / Presentation Number T MP101**Association of Obstructive Sleep Apnea and Cardioembolic Stroke: A Retrospective Case Control Study**

Melissa C Lipford, Andrew D Calvin, Jay Mandrekar, Virend K Somers, Robert D Brown Jr, Kelly D Flemming, Sean M Caples, Mayo Clinic, Rochester, MN

Poster Board Number MP102 / Presentation Number T MP102**Antithrombotic Therapy After Acute Ischemic Stroke in Patients With Atrial Fibrillation**

Emer R McGrath, Massachusetts General Hosp, Boston, MA; Moira K Kapral, Univ of Toronto, Toronto, ON, Canada; Jiming Fang, Inst of Clinical Evaluative Sciences, Toronto, ON, Canada; John W Eikelboom, McMaster Univ, Hamilton, ON, Canada; Aengus O Conghaile, Harvard Medical Sch, Boston, MA; Michelle Canavan, Martin J O'Donnell, Natl Univ of Ireland, Galway, Ireland; Ontario Stroke Registry

Poster Board Number MP103 / Presentation Number T MP103**Long-Term Outcomes of Elderly Patients with Intracerebral Hemorrhage and Atrial Fibrillation**

Melissa Samplecoski, Jiming Fang, Inst for Clinical Evaluative Sciences, Toronto, ON, Canada; Moira K Kapral, Frank L Silver, Univ of Toronto, Toronto, ON, Canada

Poster Board Number MP104 / Presentation Number T MP104**The Role of Antithrombotics Therapy in Recent Ischaemic Stroke Patients with Atrial Fibrillation: Analysis from VISTA**

Azmi H Abdul-Rahim, Rachael L Fulton, Univ of Glasgow, Glasgow, United Kingdom; Frank Benedikt, Univ Hosp Essen, Essen, Germany; Turgut Tatlisumak, Helsinki Univ Central Hosp, Helsinki, Finland; Maurizio Paciaroni, Valeria Caso, Univ of Perugia, Perugia, Italy; Hans-Christoph Diener, Univ Hosp Essen, Essen, Germany; Kennedy R Lees, Univ of Glasgow, Glasgow, United Kingdom; VISTA Collaborators

Poster Board Number MP105 / Presentation Number T MP105**Relationship Between Compliance With the Lifestyle Modification Program and Risk Factor Control in the Stenting and Aggressive Medical Management for Preventing Recurrent Stroke in Intracranial Stenosis (SAMMPRIS) Trial**

Tanya N Turan, MUSC Stroke Program, Charleston, SC; Azhar Nizam, Michael J Lynn, Jean Montgomery, Emory, Atlanta, GA; Colin P Derdeyn, Washington Univ, St Louis, MO; David Fiorella, State Univ of New York – Stony Brook, Stony Brook, NY; Bethany F Lane, Emory, Atlanta, GA; Scott Janis, NINDS, Bethesda, MD; Marc I Chimowitz, MUSC Stroke Program, Charleston, SC; SAMMPRIS Investigators

Poster Board Number MP106 / Presentation Number T MP106**Impact of Enrollment Volume on Risk Factor Control and Outcomes in the SAMMPRIS Trial**

David Chiu, Richard P Klucznik, Houston Methodist Hosp, Houston, TX; Tanya N Turan, Medical Univ of South Carolina, Charleston, SC; Michael J Lynn, Azhar Nizam, Emory Univ, Atlanta, GA; Colin P Derdeyn, Washington Univ Sch of Med, St Louis, MO; David Fiorella, State Univ of New York, Stony Brook, NY; Bethany F Lane, Jean Montgomery, Emory Univ, Atlanta, GA; Lawrence B Katz, C David McCane, Houston Methodist Hosp, Houston, TX; L Scott Janis, Natl Inst of Neurological Disorders and Stroke, Bethesda, MD; Marc I Chimowitz, Medical Univ of South Carolina, Charleston, SC; SAMMPRIS Investigators

Poster Board Number MP107 / Presentation Number T MP107**Ischemic Strokes While on Aspirin: Initiation of Clopidogrel Is Better than Re-initiation of Aspirin for Prevention of Future Vascular Events**

Meng Lee, Dept of Neurology, Chang Gung Univ and Memorial Hosp, Chiayi, Taiwan; Yi-Ling Wu, Department of Neurology, Chang Gung Univ and Memorial Hosp, Chiayi, Taiwan; Jeffrey L Saver, UCLA Stroke Ctr, Los Angeles, CA; Hsuei-Chen Lee, Yang Ming Univ, Taipei, Taiwan; Jiann-Der Lee, Dept of Neurology, Chang Gung Univ and Memorial Hosp, Chiayi, Taiwan; Ku-Chou Chang, Dept of Neurology, Chang Gung Univ and Memorial Hosp, Kaohsiung, Taiwan; Chih-Ying Wu, Dept of Neurology, Chang Gung Univ and Memorial Hosp, Chiayi, Taiwan; Tsong-Hai Lee, Dept of Neurology, Chang Gung Univ and Memorial Hosp, Linkou, Taiwan; Hui-Hsuan Wang, Dept of Health Care Management, Chang Gung Univ, Taoyuan, Taiwan; Bruce Ovbiagele, Dept of Neuroscience, Univ of South Carolina, Charleston, SC

Poster Board Number MP108 / Presentation Number T MP108**A Concentration Response Relationship Between the Active Metabolite of Clopidogrel and its Antiplatelet Activity**

Stephen Wolff, Francis Gengo, Erica S Westphal, Michelle Rainka, Vernice Bates, Dent Neurologic Inst, Amherst, NY

Vascular Biology in Health and Disease and Vascular Cognitive Impairment Moderated Poster Tour	T MP109 – T MP120
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SECTION 10

Moderator: TBD

Poster Board Number MP109 / Presentation Number T MP109**Tocotrienol Induces TIMP1 Expression and Pro-arteriogenic Remodeling of Cerebrovascular Collaterals**

Savita Khanna, Mallory Heigel, Surya Gnyawali, Chandan K Sen, Cameron Rink, The Ohio State Univ Wexner Medical Ctr, Columbus, OH

Poster Board Number MP111 / Presentation Number T MP111**Gpr124 Regulates Post-Stroke Cerebrovascular Integrity**

Michael Mancuso, Junlei Chang, Carolina Maier-Albers, Cynthia Kosinski, Xibin Liang, Pak Chang, Katrin Andreasson, Calvin Kuo, Stanford Univ, Stanford, CA

Poster Board Number MP112 / Presentation Number T MP112**Cerebral Infarction And Brain Arterial Pathology In HIV: Results From The Brain Arterial Remodeling Study (bars)**

Jose Gutierrez, Mitchell SV Elkind, Neurological Inst, New York, NY; Maria Pizzirusso, Mount Sinai Sch of Med, New York, NY; James Goldman, Neurological Inst, New York, NY; Christina Chon, Jacinta Murray, Mount Sinai Sch of Med, New York, NY; Andrew J Dwork, Neurological Inst, New York, NY; Susan Morgello, Mount Sinai Sch of Med, New York, NY; Randolph S Marshall, Neurological Inst, New York, NY

Poster Board Number MP113 / Presentation Number T MP113**Symptoms During Carotid Sinus Massage, but Not the Magnitude of Haemodynamic Change, are Associated with White Matter Lesions in Later Life**

Claire McDonald, Michael Firbank, Ieuan Lewis, Newcastle Univ, Newcastle upon Tyne, United Kingdom; Mark Pearce, Inst of Health and Society, Newcastle upon Tyne, United Kingdom; Simon Kerr, Andrew Blamire, Julia Newton, Newcastle Univ, Newcastle upon Tyne, United Kingdom

Poster Board Number MP114 / Presentation Number T MP114**PPAR γ in Endothelial Cells Plays an Essential Role in Protecting Against Vascular Aging: Role of Oxidative Stress and Rho Kinase**

Dale Kinzenbaw, T Micheal De Silva, Curt Sigmund, Frank M Faraci, Univ of Iowa Coll of Med, Iowa City, IA

Poster Board Number MP115 / Presentation Number T MP115**Association Between Cerebral Large/Small Vessel Disease and Incident Dementia in Patients with Vascular Risk Factors – Sub-analysis of OSACA2 follow-up study**

Kazuo Kitagawa, Kaori Miwa, Yoshiki Yagita, Shuhei Okazaki, Manabu Sakaguchi, Hideki Mochizuki, Osaka Univ Medical Sch, Suita, Japan

Poster Board Number MP116 / Presentation Number T MP116**Cognitive State Following Stroke: The Predominant Role Of The Preexisting White Matter Changes**

Efrat Kliper, Einor Ben Assayag, Shani Shenhar-Tsarfaty, Tel Aviv Sourasky Medical Ctr, Tel-Aviv, Israel; Ricardo Tarrasch, Jaime and Joan Constantiner Sch of Education, Tel-Aviv, Israel; Hen Hallevi, Tel Aviv Sourasky Medical Ctr, Tel-Aviv, Israel; Amos Korczyn, Tel Aviv Univ, Tel-Aviv, Israel; Natan Bornstein, Dafna Ben Bashat, Tel Aviv Sourasky Medical Ctr, Tel-Aviv, Israel

Poster Board Number P13 / Presentation Number T P13

Reversed Ischemic Attack (Ria): Proposal for a New Terminology in the Era of Thrombolytic Therapy

Tudor Jovin, Brian Jankowitz, Ashutosh P Jadhav, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA

Poster Board Number P14 / Presentation Number T P14

Multi-modality Treatment of Acute Ischemic Strokes Improves Patient Outcome at Discharge vs Intravenous Tissue Plasminogen Activator

Haitham Dababneh, Asif Bashir, Mohammed Hussain, Sara Misthal, Mohammad Moussavi, Jawad F Kirmani, JFK New Jersey Neuroscience Inst, Edison, NY

Poster Board Number P15 / Presentation Number T P15

Could Intra-Arterial Thrombolysis Safely Enhance Efficacy of Mechanical Thrombectomy for Acute Ischemic Stroke?

Yi Zhang, Saint Louis Univ, Saint Louis, MO; Adam Kelly, Wan Tang, Robert Griggs, Henry Wang, Babak Jahromi, Kate Young, Curtis Benesch, Univ of Rochester, Rochester, NY

Poster Board Number P16 / Presentation Number T P16

Availability of Endovascular Services at Primary Stroke Centers

Mark J Alberts, UT Southwestern Medical Ctr, Dallas, TX; Jean Range, Bill Spencer, Vicki Cantwell, M J Hampel, The Joint Commission, Oakbrook Terrace, IL

Poster Board Number P17 / Presentation Number T P17

Futile Revascularization in Patients With Acute Stroke After Treatment With Mechanical Thrombectomy

Zhong-Song Shi, Dept of Neurosurgery, First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou, China; Bin Xiang, Prospect Analytical, Inc, San Jose, CA; Sijian Grace Ge, Stryker Neurovascular, Fremont, CA; Gary Duckwiler, Div of Interventional Neuroradiology, Ronald Reagan UCLA Medical Ctr, Los Angeles, CA; for the MERCI and Multi MERCI Investigators

Poster Board Number P18 / Presentation Number T P18

Development of A SPECT-Based Objective Evaluating System for Therapeutic Effect of Acute Endovascular Therapy

Teruyuki Hirano, Oita Univ Faculty of Med, Yufu, Japan; Masaki Watanabe, Yutaka Kai, Kumamoto Univ Faculty of Med, Kumamoto, Japan; Hiroyuki Kawano, Toshiro Yonehara, Saiseikai Kumamoto Hosp, Kumamoto, Japan

Poster Board Number P19 / Presentation Number T P19

“Futile” Interhospital Transfer for Endovascular Recanalization Treatment in Acute Ischemic Stroke The Madrid Stroke Network

Blanca Fuentes, La Paz Univ Hosp IdiPAZ Health Res Inst, Madrid, Spain; Maria Alonso de Leciana, Ramón y Cajal Univ Hosp IRYCIS Health Res Inst, Madrid, Spain; Alvaro Ximenez-Carrillo, La Princesa Univ Hosp, Madrid, Spain; Patricia Martínez-Sánchez, La Paz Univ Hosp IdiPAZ Health Res Inst, Madrid, Spain; Antonio Cruz-Culebras, Ramón y Cajal Univ Hosp IRYCIS Health Res Inst, Madrid, Spain; Gustavo Zapata, La Princesa Univ Hosp, Madrid, Spain; Gerardo Ruiz-Ares, La Paz Univ Hosp IdiPAZ Health Res Inst, Madrid, Spain; Jaime Masjuan, Ramón y Cajal Univ Hosp IRYCIS Health Res Inst, Madrid, Spain; Jose Vivancos, La Princesa Univ Hosp, Madrid, Spain; Exuperio Díez-Tejedor, La Paz Univ Hosp IdiPAZ Health Res Inst, Madrid, Spain; Madrid Stroke Network

Poster Board Number P20 / Presentation Number T P20

Correlation Between Whole Brain Ct Perfusion Maps And Non-contrast Ct Alberta Stroke Program Early Ct Score (aspects) In Patients Undergoing Acute Endovascular Stroke Interventions

Simon Morr, Maxim Mokin, Ashish Sonig, Kenneth Snyder, Adnan Siddiqui, Elad Levy, Univ at Buffalo, Buffalo, NY

Poster Board Number P21 / Presentation Number T P21

Improved Ischemic Stroke Outcomes After Intra-Arterial Interventions Associated With Higher HDL Cholesterol

Ali Sultan-Qurraie, Adam de Havenon, David L Tirschwell, Deepak Sharma, Basavaraj Ghodke, Danial Hallam, Louis Kim, Kyra J Becker, Univ of Washington, Seattle, WA

Poster Board Number P22 / Presentation Number T P22

Intra-procedural Heparin Increases Mortality and Reduces Rates of Favorable Outcome in Acute Ischemic Stroke Patients Undergoing Endovascular Treatment

Vishal B Jani, Michigan State Univ, East Lansing, MI; Aveen Saed, Tanya Mohindroo, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN; Mushtaq Qureshi, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MI; Sayed Hussain, Michigan State Univ, East Lansing, MI; Fareed Suri, Adnan I Qureshi, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN

Poster Board Number P23 / Presentation Number T P23

Endovascular Treatment of Stroke in Elderly Patients: Comparison With Conventional Thrombolysis and Best Medical Treatment

Mohammad H El-Ghanem, Rutgers New Jersey Medica Sch, Newark, NJ; Charles J Prestigiacomo, Rutgers New Jersey Medica Sch, Newark, NJ; Chirag D GANDHI, E Jesus Duffis, Rutgers New Jersey Medica Sch, Newark, NJ

Poster Board Number P24 / Presentation Number T P24

Endovascular Thrombectomy in Non-Intubated Patients for Basilar Artery Occlusive Disease is Associated With Improved Outcomes

Ashutosh P Jadhav, Matthew Starr, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Mohammad Juuma, Zaidi Syed, Univ of Toledo Medical Ctr, Toledo, OH; Maxim Hammer, Vivek Reddy, Brian Jankowitz, Lawrence Wechsler, Tudor Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA

Poster Board Number P25 / Presentation Number T P25

Poor Collaterals Necessitate Early Reperfusion: Relationship Between Time to Reperfusion, Collateral Flow, and Clinical Outcome

Yang-Ha Hwang, Dong-Hun Kang, Yong-Won Kim, Yong-Sun Kim, Kyungpook Natl Univ Hosp, Daegu, Korea, Republic of

Poster Board Number P26 / Presentation Number T P26

Predictors of Clinical and Angiographic Outcomes in Acute Stroke Treatment: Subgroup Analysis From the Star Study

Vitor Mendes Pereira, Univ Hosp of Geneva, Geneva, Switzerland; Rene Chapot, Alfried Krupp Krankenhaus, Essen, Germany; Antoni Davalos, Hosp Univri Germans Trias i Pujol, Badalona, Barcelona, Spain; Alain Bonafé, CHU de Montpellier – Guy de Chauliac, Montpellier, France; Carlos Castano, Hosp Univri Germans Trias i Pujol, Badalona, Barcelona, Spain; Raul Nogueira, Emory Univ, Atlanta, NC; David Liebeskind, UCLA, Los Angeles, CA; Mayank Goyal, Univ of Calgary – Foothills Medical Ctr, Calgary, AB, Canada; Scott Brown, Covidien, Irvine, CA; Antonio Moreno, Hosp Virgen de la Arrixaca, Murcia, Spain; Michael Besselman, Klinikum Osnabrück GmbH Standort Finkenbügel, Osnabrück, Germany; Marcel Arnold, Inselspital, Bern, Switzerland; Roman Sztajzel, Univ Hosp of Geneva, Geneva, Switzerland; Gerhard Schroth, Inselspital, Bern, Switzerland; Karl-olof Lovblad, Univ Hosp of Geneva, Geneva, Switzerland; Thomas Liebig, Uniklinik Koeln, Koeln, Germany; Jan Gralla, Inselspital, Bern, Switzerland

Acute Neuroimaging Posters II

T P27 – T P46

Poster Board Number P27 / Presentation Number T P27

Arterial Spin-Labeled Perfusion Imaging to Predict Mismatch in Acute Ischemic Stroke

Takeya Niibo Sr, Miyazaki Prefectural Miyazaki Hosp, Miyazaki City, Japan; Hajime Ohta, Miyakonojo Medical Association Hosp, Miyakonojo City, Japan; Kazuma Yonenaga, Ichirou Ikushima, Shirou Miyata, Miyakonojo Regional Medical Ctr, Miyakonojo City, Japan; Hideo Takeshima, Univ of Miyazaki, Miyazaki City, Japan

Poster Board Number P28 / Presentation Number T P28

Brain MRI FLAIR Signal Intensity Ratio Is Correlated With Matrix Metalloproteinase-9 Level In Acute Ischemic Stroke

Ruchira M Jha, Thomas W Battey, Ly Pham, Hannah Irvine, Massachusetts General Hosp, Boston, MA; Karen Furie, Brown Univ, Providence, RI; Kevin Sheth, Yale Sch of Med, New Haven, CT; William Taylor Kimberly, Massachusetts General Hosp, Boston, MA

Poster Board Number P29 / Presentation Number T P29

Arterial-Spin Labeled MRI After Endovascular Stroke Therapy: Validation of a Novel Scale to Quantify the Degree and Heterogeneity of Reperfusion

David S Liebeskind, UCLA, Los Angeles, CA; Nerses Sanossian, USC, Los Angeles, CA; Jeffry R Alger, Joe X Qiao, Fabien Scalzo, Mark S Johnson, Sidney Starkman, Latisha K Ali, Doojin Kim, Neal M Rao, Jason D Hinman, Aaron P Tansy, Mateo Calderon-Arnulphi, Royya F Modir, Paul M Vespa, Manuel B Blanco, Reza Jahan, Satoshi Tateshima, Nestor R Gonzalez, Gary R Duckwiler, Fernando Viñuela, Jeffrey L Saver, Bryan Yoo, Noriko Salamon, Danny JJ Wang, UCLA, Los Angeles, CA; for the UCLA Stroke Reperfusion Therapy Investigators

Poster Board Number P30 / Presentation Number T P30

Novel Algorithm for the Prediction of Motor Recovery of Upper Limb and Finger Using Diffusion Tensor Imaging after Stroke

Shunsuke Ishizaka, Akira Nakashima, Yohhei Hamaue, Tetsuji Koizumi, Tadashi Shimizu, Nobutoshi Ryu, Juzenkai hospital, Nagasaki City, Japan

Poster Board Number P31 / Presentation Number T P31

Microembolus (MES) Detection by TCD in Acute Stroke Service

Aftab Ahmad, Carol Derksen, Esseddeeg Ghrooda, Ghazala Basir, Khurshid Khan, Ashfaq Shuaib, Maher Saqqur, Univ of Alberta Hosp, Edmonton, AB, Canada

Poster Board Number P32 / Presentation Number T P32**Computer Aided Detection of Asymptomatic Cerebral Microbleeds on Magnetic Resonance Images**

Yan Li, Peking Univ, Beijing, China; Yining Huang, Peking Univ First Hosp, Beijing, China; Jue Zhang, Jing Fang, Peking Univ, Beijing, China

Poster Board Number P33 / Presentation Number T P33**Collateral Grade on MRI – Validation With Conventional Angiography is Key**

Kwan L Ng, Jeffrey L Saver, Jeffry R Alger, Fabien Scalzo, Noriko Salamon, Bryan Yoo, Sidney Starkman, Latisha K Ali, Neal Rao, Jason Hinman, Mateo Calderon-Arnulphi, Royya Modir, Aaron Tansy, Conrad W Liang, Sunil A Sheth, Alireza R Noorian, Paul Vespa, Manuel B Blanco, Reza Jahan, Fernando Vinuela, Gary R Duckwiler, Satoshi Tateshima, Nestor Gonzalez, David S Liebeskind, UCLA Medical Ctr, Los Angeles, CA

Poster Board Number P34 / Presentation Number T P34**Residual Contrast Enhancement of Middle Cerebral Artery on Non-contrast Ct (ncct) After Endovascular Treatment in Ischemic Stroke Patients**

Seyedmehdi Payabvash, Univ of Minnesota, Minneapolis, MN; Mushtaq H Qureshi, Shahram Majidi, Adnan I Qureshi, Zeenat Qureshi Stroke Inst, CentraCare Health, St Cloud, MN

Poster Board Number P35 / Presentation Number T P35**Baseline Diffusion Weighted Imaging Lesion Volume Predicts Disappearance of Infarct on Fluid Attenuated Inverse Recovery Sequences Within 30 Days of TIA/ Minor Stroke**

Parnian Riaz, Mahesh Kate, Leka Sivakumar, Derek Emery, Kenneth Butcher, Univ of Alberta, Edmonton, AB, Canada

Poster Board Number P36 / Presentation Number T P36**Classification Of Hemorrhagic Transformation By ECASS II Criteria More Severe On MRI Than CT**

Amie W Hsia, NIH/NINDS; Medstar Washington Hosp Ctr, Washington, DC; Marie Luby, Jordan Farber, NIH/NINDS, Bethesda, MD; José G Merino, NIH/NINDS; Johns Hopkins Community Physicians, Bethesda, MD; Zurab Nadareishvili, NIH/NINDS; Suburban Hosp, Bethesda, MD; Steven Warach, NIH/NINDS; Seton/Univ of Texas Southwestern, Austin, TX; Lawrence L Latour, NIH/NINDS, Bethesda, MD

Poster Board Number P37 / Presentation Number T P37**Cerebral Blood Volume Does Not Differentiate Regions With Persistent Cerebral Hypoperfusion That Infarct From Those That Survive: A DEFUSE 2 Substudy**

Sharan K Mann, Soren Christensen, Michael Mlynash, Stephanie Kemp, Maarten G Lansberg, Gregory W Albers, Stanford Univ, Stanford, CA; The DEFUSE 2 Investigators

Poster Board Number P39 / Presentation Number T P39**Leptomeningeal Collaterals in Patients with Proximal Middle Cerebral Artery Occlusion are Associated with Milder Stroke and Better Functional Outcome after Fibrinolysis**

Charlotte R Trampedach, Christian Ovesen, Anders F Christensen, Hanne K Christensen, Bispebjerg Univ Hosp, Copenhagen, Denmark

Poster Board Number P40 / Presentation Number T P40**Pre-Treatment Hyperdense Middle Cerebral Artery Sign Predicts the Outcome of Intra-Arterial Thrombectomy for Acute Stroke**

Shumei Man, M Shazam Hussain, Dolara Wisco, Esteban Cheng-ching, Ken Uchino, Cerebrovascular Ctr, Neurological Inst, Cleveland Clinic, Cleveland, OH

Poster Board Number P41 / Presentation Number T P41**Determination of Collateral Supply Patterns Using MR or CT Perfusion Imaging**

Cihat Eldeniz, Yueh Lee, Univ of North Carolina Chapel, Chapel Hill, NC; Maria Gisele Matheus, Medical Univ of South Carolina, Charleston, SC; Jeffery Keith Smith, James Faber, Sten Solander, Hongyu An, Univ of North Carolina Chapel, Chapel Hill, NC

Poster Board Number P42 / Presentation Number T P42**Patients With a Clinical Diagnosis of Non-disabling Stroke, and a Normal MRI are Clinically Indistinguishable From Patients With a MRI Lesion at 1 Year Post Stroke**

Stephen Makin, Martin Dennis, Joanna M Wardlaw, Univ of Edinburgh, Edinburgh, United Kingdom

Poster Board Number P43 / Presentation Number T P43**Detection of Advanced Leukoaraiosis Does Not Augment Imaging-Enhanced Prediction of Early Stroke Risk in Transient Ischemic Attack**

Matthew S Siket, Janette Baird, Alpert Medical Sch of Brown Univ, Providence, RI; Hakan Ay, Harvard Medical Sch, Boston, MA

Poster Board Number P44 / Presentation Number T P44**Relative Cerebral Blood Volume As a Marker Of Durable Tissue-At-Risk Viability In Hyperacute Ischemic Stroke**

Ana I Calleja, Elisa Cortijo, Pablo García-Bermejo, Mario Martínez-Gáldamez, Santiago Pérez-Fernández, Javier Reyes, M Fe Muñoz, Juan F Arenillas, Hosp Clinico Univrio de Valladolid, Valladolid, Spain

Poster Board Number P45 / Presentation Number T P45**Task Fmri Based Functional Connectivity in Acute Stroke Patients With and Without Motor Impairments**

Veena A Nair, Christian La, Brittany M Young, Mathew Andreoli, Peter Reiter, Matthew B Jensen, Marcus Chacon, Justin Sattin, Vivek Prabhakaran, Univ of Wisconsin-Madison, Madison, WI

Poster Board Number P46 / Presentation Number T P46**Absence of a Very Low Cerebral Blood Volume (VLCBV) Lesion Identifies Patients Who Are Unlikely to Have Hemorrhagic Transformation After Delayed Endovascular Reperfusion**

Nishant Kumar Mishra, Stanford Stroke Ctr, Stanford Univ, Stanford, CA; Soren Christensen, Stanford Stroke Ctr, Stanford, CA; Matus Straka, Kantonsspital Winterthur, Winterthur, Switzerland; Michael Mlynash, Stephanie Kemp, Stanford Stroke Ctr, Stanford, CA; Roland Bammer, Stanford Univ, Stanford, CA; Michael Marks, Stanford Univ Medical Ctr, Stanford, CA; Gregory W Albers, Maarten Lansberg, Stanford Stroke Ctr, Stanford, CA

Acute Nonendovascular Treatment Posters II**T P47 – T P66****Poster Board Number P47 / Presentation Number T P47****Response To Thrombolysis In Ischemic Stroke Depends On The Presence Of Initial Arterial Occlusion**

Freidrich Medlin, CHUV, Lausanne, Switzerland; Michael Amiguet, Inst of Social and Preventive Med, Lausanne, Switzerland; Peter Vanacker, Patrik Michel, CHUV, Lausanne, Switzerland

Poster Board Number P48 / Presentation Number T P48**Intravenous Thrombolysis Using Low-Dose Alteplase for Nonagenarians with Acute Ischemic Stroke: The SAMURAI rtPA Registry**

Mikito Hayakawa, Masatoshi Koga, Shoichiro Sato, Shoji Arihiro, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan; Yoshiaki Shiokawa, Kyorin Univ Sch of Med, Mitaka, Japan; Jyoji Nakagawara, Nakamura Memorial Hosp, Sapporo, Japan; Eisuke Furui, Kohnan Hosp, Sendai, Japan; Kazumi Kimura, Kawasaki Medical Sch, Kurashiki, Japan; Yasuhiro Hasegawa, St Marianna Univ Sch of Med, Kawasaki, Japan; Hiroshi Yamagami, Kobe City Medical Ctr General Hosp, Kobe, Japan; Yasushi Okada, Natl Hosp Organization Kyusyu Medical Ctr, Fukuoka, Japan; Satoshi Okuda, Natl Hosp Organization Nagoya Medical Ctr, Nagoya, Japan; Kazuomi Kario, Jichi Medical Univ Sch of Med, Shimotsuke, Japan; Kazuo Minematsu, Kazunori Toyoda, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan

Poster Board Number P49 / Presentation Number T P49**Improving Outcome of Placebo- but not Albumin-Treated Subjects Over the Course of the ALIAS Part 2 Multicenter Trial: Differential Influence of Thrombolytic Therapy**

Myron D Ginsberg, Univ of Miami Miller Sch of Med, Miami, FL; Michael D Hill, Univ of Calgary, Calgary, AB, Canada; Claudia S Moy, Natl Inst of Neurological Disorders and Stroke, Bethesda, MD; William G Barsan, Univ of Michigan, Ann Arbor, MI; Diego Tamariz, Univ of Miami Miller Sch of Med, Miami, FL; Karla J Ryckborst, Univ of Calgary, Calgary, AB, Canada

Poster Board Number P50 / Presentation Number T P50**ASTRAL-R score Predicts absence of Recanalization after Intravenous Thrombolysis in Acute Ischemic Stroke**

Peter Vanacker, Dimitris Lambrou, Univ Hosp, Lausanne, Switzerland; Mirjam Heldner, Inselspital, Bern, Switzerland; David Seiffge, Univ Hosp, Basel, Switzerland; Hubertus Mueller, Univ Hosp, Genève, Switzerland; Ashraf Eskandari, Univ Hosp, Lausanne, Switzerland; George Ntaios, Univ Hosp of Thessaly, Larissa, Greece; Pascal J Mosimann, Univ Hosp, Lausanne, Switzerland; Roman Sztajzel, Vitor Mendes Pereira, Univ Hosp, Genève, Switzerland; Patrick Cras, Univ Hosp, Antwerp, Belgium; Stefan Engelter, Philippe Lyrer, Univ Hosp, Basel, Switzerland; Urs Fischer, Marcel Arnold, Inselspital, Bern, Switzerland; Patrik Michel, Univ Hosp, Lausanne, Switzerland

Poster Board Number P51 / Presentation Number T P51

Tolerability and Safety of External Counterpulsation (ECP) in Acute Ischemic Stroke: Final Results of the Counterpulsation to Upgrade Forward Flow in Stroke (CUFFS) Trial

Anne W Alexandrov, Univ of Alabama at Birmingham, Birmingham, AL; David S Liebeskind, Univ of California at Los Angeles, Los Angeles, CA; Rema Raman, Univ of California at San Diego, San Diego, CA; Andrei V Alexandrov, Univ of Alabama at Birmingham, Birmingham, AL; Thomas M Hemmen, Univ of California at San Diego, San Diego, CA; Reza B Shahripour, Kristian Barlinn, April Sisson, Univ of Alabama at Birmingham, Birmingham, AL; Karen Rapp, Univ of California at San Diego, San Diego, CA; Sidney Starkman, Ileana D Grunberg, Univ of California at Los Angeles, Los Angeles, CA; Brett C Meyer, Karin Ernststrom, Kama Z Guluma, Univ of California at San Diego, San Diego, CA

Poster Board Number P52 / Presentation Number T P52

Technique for Measurement of Traumatic Aneurysms of the Cervical Internal Carotid Artery and Assessment of Reproducibility

Christoph Griessenauer, Paul Foreman, Mohammadali Shoja, Kimberly Kicielski, John Deveikis, Mark Harrigan, UAB, Birmingham, AL

Poster Board Number P53 / Presentation Number T P53

Implementation and Outcome of Intravenous Recombinant Tissue Plasminogen Activator Administered 3-4.5 hour after Stroke in Korea

Tai Hwan Park, Seoul Medical Ctr, Seoul, Korea, Republic of; Keun-Sik Hong, Ilsan Paik Hosp, Inje Univ, Ilsan, Korea, Republic of; Sang-Soon Park, Seoul Medical Ctr, Seoul, Korea, Republic of; Youngchai Ko, Soo Joo Lee, Eulji Univ Hosp, Eulji Univ Sch of Med, Daejeon, Korea, Republic of; Kyusik Kang, Jong-Moo Park, Eulji General Hosp, Eulji Univ, Seoul, Korea, Republic of; Jay Chol Choi, Jeju Natl Univ Hosp, Jeju Natl Univ Coll of Med, Jeju, Korea, Republic of; Dong-Eog Kim, Dongguk Univ Ilsan Hosp, Ilsan, Korea, Republic of; Yong-Jin Cho, Ilsan Paik Hosp, Inje Univ, Ilsan, Korea, Republic of; Joon-Tae Kim, Chonnam Natl Univ Hosp, Gwangju, Korea, Republic of; Dae-Hyun Kim, Jae-Kwan Cha, Dong-A Univ Hosp, Pusan, Korea, Republic of; Moon-Ku Han, Seoul Natl Univ Bundang Hosp, Seongnam, Korea, Republic of; Kyung-Ho Yu, Byung-Chul Lee, Hallym Univ Sacred Heart Hosp, Anyang, Korea, Republic of; Ji Sung Lee, Soonchunhyang Univ Hosp, Seoul, Korea, Republic of; Juneyoung Lee, Korea Univ Coll of Med, Seoul, Korea, Republic of; Kyung Bok Lee, Soonchunhyang Univ Hosp, Seoul, Korea, Republic of; Jun Lee, Yeungnam Univ Hosp, Daegu, Korea, Republic of; Hee-Joon Bae, Seoul Natl Univ Bundang Hosp, Seongnam, Korea, Republic of; Byung-Woo Yoon, Seoul Natl Univ Hosp, Seoul, Korea, Republic of

Poster Board Number P54 / Presentation Number T P54

Generalized Application of SMART (Simplified Management of Acute Stroke using Revised Treatment) IV Thrombolysis Criteria in Acute Ischemic Stroke (AIS) Patients is Safe and Effective

Sigrid B Sørensen, Nobl Barazangi, Charlene Chen, Christine Wong, California Pacific Medical Ctr, San Francisco, CA; David Grosvenor, Palo Alto Medical Fndn, San Francisco, CA; Jens D Hove, Hvidovre Univ Hosp, Copenhagen, Denmark; Jack Rose, Ann Bedenk, David C Tong, California Pacific Medical Ctr, San Francisco, CA

Poster Board Number P55 / Presentation Number T P55

The Safety and Efficacy of Alteplase for Acute Ischaemic Stroke in Chinese Patients

A-Ching Chao, Kaohsiung Medical Univ, Kaohsiung, Taiwan; Han-Hwa Hu, Taipei Veterans General Hosp and Natl Yang-Ming Univ, Taipei, Taiwan

Poster Board Number P56 / Presentation Number T P56

M1 Proximal SVS Should Be A Strong Predictor For Poor Outcome After tPA Therapy

Muna Aoki, Kazumi Kimura, Kensaku Shibazaki, Koichiro Nagai, Naoki Saji, Jyunichi Uemura, Takahiro Sato, Takuya Ebata, Kawasaki Medical Sch, Kurashiki Okaya, Japan

Poster Board Number P57 / Presentation Number T P57

Length of Stay and Hospital Charges in Japanese NVAf Inpatients with Acute Stroke/TIA: The SAMURAI-NVAf Study

Kazunori Toyoda, Shoji Arihiro, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Kenichi Todo, Kobe City Medical Ctr General Hosp, Kobe, Japan; Hiroshi Yamagami, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Kazumi Kimura, Kawasaki Medical Sch, Kurashiki, Japan; Yoshiaki Shiokawa, Kyorin Univ Sch of Med, Mitaka, Japan; Kenji Kamiyama, Nakamura Memorial Hosp, Sapporo, Japan; Tadashi Terasaki, Japanese Red Cross Kumamoto Hosp, Kumamoto, Japan; Yasushi Okada, Natl Hosp Organization Kyushu Medical Ctr, Fukuoka, Japan; Yoshinari Nagakane, Kyoto Second Red Cross Hosp, Kyoto, Japan; Hiroshi Mochizuki, South Miyagi Medical Ctr, Ogawara, Japan; Shunya Takizawa, Tokai Univ Sch of Med, Isehara, Japan; Yasuhiro Hasegawa, St Marianna Univ Sch of Med, Kawasaki, Japan; Satoshi Okuda, Natl Hosp Organization Nagoya Medical Ctr, Nagoya, Japan; Eisuke Furui, Kohnan Hosp, Sendai, Japan; Yasuhiro Ito, Toyota Memorial Hosp, Toyota, Japan; Takahiro Nakashima, Natl Hosp Organization Kagoshima Medical Ctr, Kagoshima, Japan; Kazuomi Kario, Tomoaki Kameda, Jichi Medical Univ Sch of Med, Shimotsuke, Japan; Kazuhiro Takamatsu, Ohta Memorial Hosp, Fukuyama, Japan; Kazutoshi Nishiyama, Kitasato Univ Sch of Med, Sagami, Japan; Shoichiro Sato, Masatoshi Koga, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; The SAMURAI Study Investigators

Poster Board Number P58 / Presentation Number T P58

Early Anticoagulant Therapy for Secondary Stroke Prevention in Japanese

NVAf Patients With TIA/minor Stroke: The SAMURAI-NVAf Study

Naoto Kinoshita, Hiroshi Yamagami, Shoji Arihiro, Masatoshi Koga, Shoichiro Sato, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Kenichi Todo, Kobe City Medical Ctr General Hosp, Kobe, Japan; Kazumi Kimura, Kawasaki Medical Sch, Kurashiki, Japan; Yoshiaki Shiokawa, Kyorin Univ Sch of Med, Tokyo, Japan; Kenji Kamiyama, Nakamura Memorial Hosp, Sapporo, Japan; Tadashi Terasaki, Japanese Red Cross Kumamoto Hosp, Kumamoto, Japan; Yasushi Okada, Natl Hosp Organization Kyushu Medical Ctr, Fukuoka, Japan; Yoshinari Nagakane, Kyoto Second Red Cross Hosp, Kyoto, Japan; Eisuke Furui, Kohnan Hosp, Sendai, Japan; Yasuhiro Ito, Toyota Memorial Hosp, Toyota, Japan; Takahiro Nakashima, Natl Hosp Organization Kagoshima Medical Ctr, Kagoshima, Japan; Kazuomi Kario, Tomoaki Kameda, Jichi Medical Univ Sch of Med, Shimotsuke, Japan; Kazuhiro Takamatsu, Kazuhiro Takamatsu, Ohta Memorial Hosp, Fukuyama, Japan; Kazuhiro Takamatsu, Kazuhiro Takamatsu, Kitasato Univ Sch of Med, Kanagawa, Japan; Kazuyuki Nagatsuka, Kazunori Toyoda, Natl Cerebral and Cardiovascular Ctr, Suita, Japan

Poster Board Number P59 / Presentation Number T P59

Inflammatory Mediators and Metalloproteinase Profile Predict Poor Outcome in Ischemic Stroke Patients Treated with Thrombolysis: Results from the MAGIC Study

Patrizia Nencini, Careggi Univ Hosp, Florence, Italy; Anna Maria Gori, Betti Giusti, Benedetta Piccardi, Univ of Florence, Florence, Italy; Vanessa Palumbo, Mascia Nesi, Careggi Univ Hosp, Florence, Italy; Alessandra Armillis, Giovanni Pracucci, Rosanna Abbate, Domenico Inzitari, Univ of Florence, Florence, Italy

Poster Board Number P60 / Presentation Number T P60

Anticoagulation for Patients With Isolated Occlusion of the Internal Carotid Artery Presenting With Stroke

Dushyant Damania, Nancy T-M Kung, Minal Jain, Anunaya Jain, George E Koch, Babak S Jahromi, Univ of Rochester, Rochester, NY

Poster Board Number P61 / Presentation Number T P61

Patients With Acute Stroke Involving More Than One-Third Middle Cerebral Artery Territory Should Not be Excluded From Intravenous Thrombolysis

Leonard Yeo, Prakash Paliwal, Bernard P Chan, Hock Luen Teoh, Venetia H Ong, Vijay Sharma, NUHS, Singapore, Singapore

Poster Board Number P62 / Presentation Number T P62

The Presence of Cerebral Microhemorrhage is Not Associated With Hemorrhagic Conversion Following Post Thrombolysis for Acute Ischemic Stroke

Ifeanyi Iwuchukwu, Ochsner Medical Ctr, New Orleans, LA; Tommy Chan, Univ of Queensland, New Orleans, LA; Arash Afshinnik, Harold Mcgrade, Vivek Sabharwal, Ochsner Medical Ctr, New Orleans, LA

Poster Board Number P63 / Presentation Number T P63

Stroke Averted by Tissue Plasminogen Activator Can be Predicted by Baseline Factors but is Associated With Undetermined Etiology

Dominique J Monlezun, Alexander J George, Melissa Schwickrath, Ramy El Khoury, Sheryl Martin Schild, Tulane Univ Hosp, Metairie, LA

Poster Board Number P64 / Presentation Number T P64

Cerebral Ischemic Events Associated with Intravenous Thrombolytic Administration in International Joint Efficacy Comparison of Thrombolytics (INJECT) Trial

Nudrat Tasneem, Malik M Adil, M Fareed K Suri, Adnan I Qureshi, Zeenat Qureshi, Stroke Inst and CentraCare Health, St Cloud, MN

Poster Board Number P65 / Presentation Number T P65

Prior Stroke But Not Diabetes Mellitus Is Associated With Symptomatic Intracranial Hemorrhage After Rt-PA Administration

Cecile van Eendenburg, Joaquín Serena, Yolanda Silva, Mikel Terceño, Josep Puig, Gerard Blasco, Salvador Pedraza, Martha Kazmierczak, Mar Castellanos, Dr Josep Trueta Univ Hosp of Girona/Biomedical Res Inst of Girona, Girona, Spain

Poster Board Number P66 / Presentation Number T P66

Analysis of Tissue Plasminogen Activator (rt-PA) Eligibility by Gender in the Greater Cincinnati/Northern Kentucky Stroke Study

Tracy E Madsen, Alpert Medical Sch of Brown Univ, Providence, RI; Jane C Khoury, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Kathleen A Alwell, Charles J Moomaw, Pooja Khatri, Brett M Kissela, Felipe De Los Rios La Rosa, Daniel Woo, Opeolu Adeoye, Matthew L Flaherty, Simona Ferioli, Dawn O Kleindorfer, Univ of Cincinnati, Cincinnati, OH

Poster Board Number P67 / Presentation Number T P67

The Role of PGF2- α FP Receptor in a Mouse Model of Intracerebral Hemorrhage

Shekher Mohan, Univ of Florida, Gainesville, FL; Shuh Narumiya, Kyoto Univ, Kyoto, Japan; Sylvain Dore, Univ of Florida, Gainesville, FL

Poster Board Number P68 / Presentation Number T P68

Delayed Progesterone Treatment Improves Long-Term Recovery of Function Following Permanent Stroke in Older Rats

Bushra Wali, Tauheed Ishrat, Soonmi Won, Iqbal Sayeed, Donald Stein, Emory Univ, Atlanta, GA

Poster Board Number P69 / Presentation Number T P69

Stroke Induces HDAC4 Nuclear Shuttling in Neurons

Haifa Kassis, Michael Chopp, Amjad Shehadah, Xian Shuang Liu, Yi Zhang, Cynthia Roberts, Zheng Gang Zhang, Henry Ford Hosp, Detroit, MI

Poster Board Number P70 / Presentation Number T P70

Resolving the Relative Contribution of Resident Microglia versus Infiltrating Macrophages in the Ischemic Brain After Stroke

Rodney Ritzel, Anita Patel, Louise McCullough, Univ of Connecticut Health Ctr, Farmington, CT

Poster Board Number P71 / Presentation Number T P71

Meningeal-Derived IL-6 Exacerbates Post-Stroke Inflammation and Pathology

Ahmet Arac, Stanford Univ, Stanford, CA; Michele A Grimbaldston, Ctr for Cancer Biology, Adelaide, Australia; Oluwatobi Olayiwoya, Mindy Tsai, Stephen J Galli, Tonya M Bliss, Gary K Steinberg, Stanford Univ, Stanford, CA

Poster Board Number P73 / Presentation Number T P73

Peri Infarct N-Acetylaspatic Acid Predicts White Matter Atrophy After Ischemic Stroke

Nawaf Yassi, Andrew Bivard, Bruce C Campbell, Univ of Melbourne, Parkville, Australia; Mark W Parsons, Univ of Newcastle, Newcastle, Australia; Geoffrey A Donnan, Patricia M Desmond, Stephen M Davis, Univ of Melbourne, Parkville, Australia

Poster Board Number P74 / Presentation Number T P74

Metabolomic Analysis Reveals Novel Small Molecule Plasma Markers of Hyperacute Ischemic Stroke

Wenjun Deng, Chris Beecher, Charles Burant, Felice De Jong, Mary Lopez, Thomas Wickham, Mikaela Elia, Kathleen Feeney, David McMullin, Ferdinando S Buonanno, Eng H Lo, MingMing Ning, Massachusetts General Hosp, Boston, MA

Poster Board Number P75 / Presentation Number T P75

Temporal Profiles of Plasminogen Activator Inhibitor-1 Concentration and Activity Changes in Circulation after Focal Stroke and Tissue Type Plasminogen Activator Administration in Rats

Qi Liu, Xiang Fan, Mass General Hosp, Charelstown, MA; Helen Brogren, The Sahlgrenska Acad at Univ of Gothenburg, Gothenburg, Sweden; Ming-Ming Ning, Eng H Lo, Zhanyang Yu, Xiaoying Wang, Mass General Hosp, Charelstown, MA

Poster Board Number P76 / Presentation Number T P76

Human Neural Stem Cells Rapidly Ameliorate Symptomatic Inflammation In Ischemic-Reperfusion Cerebral Injury

Lei Huang, Tulane Univ Medical Sch, New Orleans, LA; Evan Snyder, Sanford-Burnham Medical Res Inst, La Jolla, CA; Jean-Pyo Lee, Tulane Univ Medical Sch, New Orleans, LA

Poster Board Number P77 / Presentation Number T P77

Synergistic Effects of Platelet Lysate and Granulocyte-Colony Stimulating Factor on Safe and Rapid Expansion of Human Bone Marrow Stromal Cells for Ischemic Stroke

Tomohiro Yamauchi, Hokkaido Univ, Sapporo, Japan; Satoshi Kuroda, Univ of Toyama, Toyama, Japan; Hisayasu Saito, Hideo Shichinohe, Kiyohiro Houkin, Hokkaido Univ, Sapporo, Japan

Poster Board Number P78 / Presentation Number T P78

Remote Ischemic Conditioning (RIC), a Combined Regimen of Per- and Post-Conditionings (RIPerC and RIPostC), Provides Long-term Motor and Cognitive Benefits in Murine Embolic Stroke Model (eMCAO)

Md Nasrul Hoda, Mohammad B Khan, Chandramohan G Wakade, Adviye Ergul, Georgia Regents Univ, Augusta, GA; Susan C Fagan, Univ of Georgia, Augusta, GA; David C Hess, Georgia Regents Univ, Augusta, GA

Poster Board Number P79 / Presentation Number T P79

Molecular Disorganization of Axons Adjacent to Subcortical Stroke in Hereditary Endotheliopathy With Retinopathy, Nephropathy, and Stroke; an Imaging to Molecular Neuropathology Correlation

Jason D Hinman, Monica D Lee, Spencer Tung, Joanna C Jen, Harry V Vinters, S Thomas Carmichael, Univ of California Los Angeles, Los Angeles, CA

Poster Board Number P80 / Presentation Number T P80

Correlates of Spleen Volume After Stroke

Nina L Chiu, Brian Kaiser, Y Vien Nguyen, Kimia Aubin, Rebeca Flores, Susan Welbourne, Chandana Lall, Steven C Cramer, Univ of California, Irvine, Irvine, CA

Poster Board Number P81 / Presentation Number T P81

Long-Term Activity Levels Vary by Rat Strain Following Stroke: A Disruption of the Circadian Rhythm?

Allison Kunze, Dannielle Zierath, Olga Drogomiretskiy, Brett Jaspers, Tessa Barclay, Kyra J Becker, Univ of Washington, Seattle, WA

Poster Board Number P82 / Presentation Number T P82

Long-Term Neurorestorative Effect of α -lipoic Acid Treatment in Focal Cerebral Ischemia Model

Kangho Choi, Joon-Tae Kim, Man-Seok Park, Ki-Hyun Cho, Chonnam Natl Univ Hosp, Gwangju, Korea, Republic of

Poster Board Number P83 / Presentation Number T P83

The CYP Epoxygenase Metabolite of Arachidonic Acid 14,15-Epoxyeicosatrienoic Acid: a Novel Therapeutic Target in Neuroprotection

Debebe Gebremedhin, Kevin Rarick, David R Harder, Medical Coll of Wisconsin, Milwaukee, WI

Poster Board Number P84 / Presentation Number T P84

Beneficial Stroke Outcomes Following Epicatechin Consumption in Young and Older Mice

Christopher Leonardo, Sylvain Dore, Univ of Florida, Gainesville, FL

Poster Board Number P85 / Presentation Number T P85

Restenosis after Carotid Endarterectomy and Preoperative Carotid Plaque Imaging

Norikata Kobayashi, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Kimitoshi Sato, Kitasato Univ Sch of Med, Sagamihara, Japan; Keita Yamauchi, Daisuke Maruyama, Daizo Ishii, Kenichi Morita, Tetsu Satow, Hiroharu Kataoka, Koji Iihara, Natl Cerebral and Cardiovascular Ctr, Suita, Japan

Poster Board Number P86 / Presentation Number T P86

Lipid Profiling Reveals Galatosylceramide Increasing in Plasma of Atherosclerotic Stroke

Yining Huang, Beijing Univ, Beijing, China

Poster Board Number P87 / Presentation Number T P87

Does an Increased Pulsatility of the Intracranial Blood Flow Spectral Waveform on Transcranial Doppler (TCD) Point to Peripheral Arterial Disease in Stroke Patients?

Kristian Barlinn, Dresden Univ Stroke Ctr, Dresden, Germany; Stanislava Kolieskova, Intl Clinical Res Ctr, Brno, Czech Republic; Reza Bavarsad Shahripour, Comprehensive Stroke Ctr, Birmingham, AL; Jessica Kepplinger, Dresden Univ Stroke Ctr, Dresden, Germany; Amelia K Boehme, Sch of Public Health, Birmingham, AL; Volker Puetz, Ulf Bodechtel, Dresden Univ Stroke Ctr, Dresden, Germany; Karen C Albright, Andrei V Alexandrov, Comprehensive Stroke Ctr, Birmingham, AL

Poster Board Number P88 / Presentation Number T P88

Angiographic Steno-Occlusive Lesion and Collateral Circulation in Cerebral Vascular Reservoir in Acute Ischemic Stroke and Transient Ischemic Attack

Si Baek Lee, Yoo Dong Won, Do-Sung Yoo, Catholic Univ of Korea, Uijeongbu-si, Korea, Republic of

Poster Board Number P89 / Presentation Number T P89

Unilateral Cerebral Atrophy Secondary to Extracranial Carotid Stenosis

Shahram Khalid, Navid Seraji-bozorgzad, Wayne State Univ, Detroit, Michigan, Detroit, MI

Poster Board Number P90 / Presentation Number T P90

Characterization of Inflammatory Cells after EDAS Surgery in Patients with Intracranial Arterial Stenosis

Nestor R Gonzalez, Luisa Iruela-Arispe, UCLA, Los Angeles, CA

Poster Board Number P91 / Presentation Number T P91

Reversion of Cognitive Impairment by Carotid Revascularization in Asymptomatic Carotid Stenosis? A Nonrandomized Controlled Study
Chun-jen Lin, Inst of Brain Science, Natl Yang-Ming Univ, Taipei, Taiwan; Feng-Chi Chang, Dept of Radiology, Taipei Veterans General Hosp, Taipei, Taiwan; Pei-Chi Tu, I-Hui Lee, Inst of Brain Science, Natl Yang-Ming Univ, Taipei, Taiwan

Poster Board Number P92 / Presentation Number T P92

Paraoxonase Gene Polymorphism and Carotid Atherosclerosis in Acute Ischemic Stroke

Yeon Soo Ha, Dept of Neurology, Wonkwang Univ Hosp, Jeonbuk Regional Cardio Cerebrovascular Ctr, Iksan, Korea, Republic of; Byoung-Soo Shin, Dept of Neurology, Chonbuk Natl Univ Hosp and Medical Sch, Jeonju, Korea, Republic of; Hyuk Chang, Jin Sung Cheong, Hak-Seung Lee, Hyun-Young Park, Kwang Ho Cho, Dept of Neurology, Wonkwang Univ Hosp, Jeonbuk Regional Cardio Cerebrovascular Ctr, Iksan, Korea, Republic of

Poster Board Number P93 / Presentation Number T P93

Cerebral Artery Calcification is Associated with Deep Cerebral Microbleed
Dong-Woo Shin, Chung-Ang Univ Hosp, Seoul, Korea, Republic of; Pil-Wook Chung, Kangbuk Samsung Hosp, Seoul, Korea, Republic of; Kwang-Yeol Park, Jeong-Min Kim, Chung-Ang Univ Hosp, Seoul, Korea, Republic of; Sam-Yeol Ha, Haeundae Paik Hosp, Busan, Korea, Republic of

Poster Board Number P94 / Presentation Number T P94

Association Between Carotid Expansive Remodeling Determined by Long-axis High-resolution MRI and Unstable Clinical Presentation
Kazumichi Yoshida, Kyoto Univ Graduate Sch of Med, Kyoto, Japan

Poster Board Number P95 / Presentation Number T P95

Coronary Artery Disease in Moyamoya Disease
Kyung Il Jo, Jong Soo Kim, Seung-Chyul Hong, Je Young Yeon, Samsung Medical Ctr, Seoul, Korea, Republic of

Poster Board Number P96 / Presentation Number T P96

Short-term And Mid-term Results Of Carotid Artery Revascularization As Carotid Artery Stenting For First-line Treatment: Single Center Experience In Japan
Haruka Miyata, Ichiro Nakahara, Shoji Matsumoto, Tsuyoshi Ohta, Yutaka Fukushima, Ryota Ishibashi, Masanori Gomi, Hidehisa Nishi, Sadayoshi Watanabe, Kokura Memorial Hosp, Kitakyushu, Japan

Poster Board Number P97 / Presentation Number T P97

A Swine Model of Restenosis after Intracranial Stent Deployment
Zhong Liu, Jin-Shan Wang, Dept of Neurosurgery, First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou, China; Dong-Hong Liu, Dept of Ultrasound Imaging, First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou, China; Xiang-Song Zhang, Dept of Nuclear Med, First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou, China; De-Ji Chen, Dept of Radiology, Second Affiliated Hosp of Guangzhou Medical Univ, Guangzhou, China; Ying Liu, Yan-Qiu Liu, Dept of Ultrasound Imaging, First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou, China; Xin-Chong Shi, Dept of Nuclear Med, First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou, China; Ming-Chang Li, Dept of Neurosurgery, Renmin Hosp of Wuhan Univ, Wuhan, China; Lei Feng, Dept of Radiology, Kaiser Permanente Medical Ctr, Los Angeles, CA; Zhong-Song Shi, Dept of Neurosurgery, First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou, China

Poster Board Number P98 / Presentation Number T P98

Effect of Atrial Fibrillation and/or Large Artery Atherosclerosis on Stroke Recurrence and Long-term Outcome in Japanese Minor Stroke ~ Fukuoka Stroke Registry~
Shigeru Fujimoto, Masato Ohsaki, Masaya Kumamoto, Takao Ishitsuka, Steel Memorial Yawata Hosp, Kitayushu, Japan; Takanari Kitazono, Graduate Sch of Medical Sciences, Kyushu Univ, Kitayushu, Japan

Poster Board Number P99 / Presentation Number T P99

Elevated Fasting Glucose as a Potential Predictor for Asymptomatic Cerebral Stenosis: A Cross-Sectional Study in Chinese Adults
Jing Wang, Jianwei Wu, Chunxue Wang, Capital Medical Univ, Beijing, China; Shouling Wu, Hebei United Univ, Tangshan, China; Xingquan Zhao, Capital Medical Univ, Beijing, China

Poster Board Number P100 / Presentation Number T P100

Effect of Carotid Endarterectomy on Cerebral Hemodynamics Using Quantitative Magnetic Resonant Angiography
Xinjian Du, Sepideh Amin-Hanjani, Fady Charbel, Univ of Illinois at Chicago, Chicago, IL

Poster Board Number P101 / Presentation Number T P101

Low Serum Eicosapentaenoic Acid- Arachidonic Acid Ratio is Associated With Intracranial Stenosis in Patients With Acute Ischemic Stroke
Yuko Abe, Ryoichi Otsubo, Yodogawa christian hospital, Osaka, Japan; Sho Murase, Kobe City Medical Ctr General Hosp, Kobe, Japan; Kenichiro Nakazawa, Yodogawa christian hospital, Osaka, Japan; Kazuo Kitagawa, Osaka Univ Graduate Sch of Med, Suita, Japan

Poster Board Number P102 / Presentation Number T P102

Outcomes of Tailored Angioplasty for Symptomatic Intracranial Atherosclerosis: A Prospective Cohort Study after Samprisa
Miao Zhongrong, Song Ligang, Beijing Tiantan Hosp, Capital Medical Univ, Beijing, China; Liebeskind David S, Univ of California Stroke Ctr, Los Angeles, CA; Liu Liping, Ma Ning, Wang Xianwei, Wang Yilong, Mo Dapeng, Gao Feng, Zhao Xingquan, Dong Kehui, Zhang Dong, Gao peiyi, Beijing Tiantan Hosp, Capital Medical Univ, Beijing, China

Poster Board Number P103 / Presentation Number T P103

Vertebral Artery Hypoplasia Should Play Important Role For Posterior Circulation Ischemia
Hidetaka Mitsumura, Teppei Komatsu, Shinji Miyagawa, Yuki Sakamoto, Toshiaki Hirai, Renpei Sengoku, Yu Kono, Tsutomu Kamiyama, Yasuyuki Iguchi, The Jikei Univ Sch of Med, Tokyo, Japan

Clinical Rehabilitation and Recovery Posters II T P104 – T P126

Poster Board Number P104 / Presentation Number T P104

Early Mobilization After Thrombolysis (rt-PA) in Acute Stroke: Are rt-PA Treated Patients Enrolled in a Trial of Early Mobilization (AVERT) Different From Those That Are Not?
Linnéa Muhl, Jenny Kulin, Linköpings Univ, Linköpings, Sweden; Marie Dagonnier, Leonid Churilov, The Florey Inst of Neuroscience and Mental Health, Heidelberg, Australia; Helen Dewey, Austin Health, Heidelberg, Australia; Thomas Linden, Gothenburg Univ, Gothenburg, Sweden; Julie Bernhardt, The Florey Inst of Neuroscience and Mental Health, Heidelberg, Australia

Poster Board Number P105 / Presentation Number T P105

Cognitive Impairment is Common After Both Lacunar and Non-Lacunar Stroke and Persists at One Year
Stephen Makin, Martin S Dennis, Joanna M Wardlaw, Univ of Edinburgh, Edinburgh, United Kingdom

Poster Board Number P106 / Presentation Number T P106

Sedentary Time During the Acute Hospital Stay is Associated With Functional Performance
Anna Mattlage, Sara Karcher, Jason-Flor Sisante, Angela Lentz, Michael Rippee, Michael Abraham, Sandra Billinger, Kansas Univ Medical Ctr, Kansas City, KS

Poster Board Number P108 / Presentation Number T P108

A Novel Means of Augmenting Motor Recovery After Ischemic Stroke; Vagus Nerve Stimulation (VNS) Paired with Intensive Upper Limb Rehabilitation
Jesse Dawson, Univ of Glasgow, Glasgow, United Kingdom; David Pierce, Microtransponder Inc, Austin, TX; Michael Kilgard, Univ of Texas, Dallas, TX; Matthew Walters, Univ of Glasgow, Glasgow, United Kingdom; Brent Tarver, Navzer Engineer, Microtransponder Inc, Austin, TX

Poster Board Number P109 / Presentation Number T P109

Discharge Disposition and Functional Status of Patients Suffering a Secondary Stroke Versus First Stroke
Lisa Licon, Hoag Hosp, Newport Beach, CA; Lorraine Evangelista, UCI, Irvine, CA; Deborah Mastrolia, Laura Whitaker, Hoag Hosp, Newport Beach, CA

Poster Board Number P110 / Presentation Number T P110

Combined Task-Specific and Cognitive Strategy Training in Subacute Stroke: A Phase II Randomized Controlled Trial
Sara E McEwen, Sunnybrook Res Institute, Toronto, ON, Canada; Tim Wolf, Carolyn Baum, Washington Univ Sch of Med, St Louis, MO; Helene Polatajko, Univ of Toronto, Toronto, ON, Canada

Poster Board Number P111 / Presentation Number T P111

The Use of Smartphone Applications to Provide Information to Patients and Their Carers
Christopher N Floyd, Steven E Williams, Michelle C Williams, Cranworth Medical Ltd, London, United Kingdom; Alex Hoffman, Anthony Rudd, Royal Coll of Physicians, London, United Kingdom

Poster Board Number P112 / Presentation Number T P112**Independent Contributions of Education, Anti-Depressants, and Other Factors in Aphasia Recovery**

Aarushi Suneja, Northeast Ohio Medical Univ (NEOMED), Rootstown, OH; Marlis Fernandez, Argye Hillis, The Johns Hopkins Hosp, Baltimore, MD

Poster Board Number P113 / Presentation Number T P113**Orpington Prognostic Scale: A Predictive Tool for Discharge Outcome in a Hyper Acute Stroke Unit**

Sushmita Mohapatra, Amy M Jones, Kings Coll Hosp NHS Fndn Trust, London, United Kingdom

Poster Board Number P114 / Presentation Number T P114**Effect Endovascular Closure Procedure on the Quality of Life in Stroke Patients with Patent Foramen Ovale**

Kathleen Feeney-Heinzelmann, Wenjun Deng, Thomas Wickham, Mikaela Elia, Ignacio Inglessis, Scott Silverman, Christina Gonsalves, Ron Calvanio, Eng H Lo, Igor Palacios, Ferdinando Buonanno, MingMing Ning, MGH, Boston, MA

Poster Board Number P115 / Presentation Number T P115**Racial/Ethnic Differences in Post-Stroke Rehabilitation Utilization and Functional Outcomes in the South Carolina Stroke Belt**

Charles Ellis, Andrea D Boan, Tanya N Turan, Shelly Ozark, David Bachman, Daniel T Lackland, Medical Univ of South Carolina, Charleston, SC

Poster Board Number P116 / Presentation Number T P116**Increased Maintenance of Motor Gains Following a Novel Stroke Therapy**

M Inez Falcon*, Jeffrey D Riley*, E Elinor Chen, Ana Solodkin, Univ of California, Irvine, Irvine, CA

Poster Board Number P117 / Presentation Number T P117**Impact of Medicaid Coverage on Utilization of Inpatient Rehabilitation Facilities**

Lesli Skolarus, James F Burke, Lewis B Morgenstern, Will Meurer, Eric Adelman, Kevin Kerber, Brian Callaghan, Lynda Lisabeth, Univ of Michigan, Ann Arbor, MI

Poster Board Number P118 / Presentation Number T P118**Participation in Extended Activities of Daily Living is an Important Determinant of Long-Term Quality of Life in Stroke Patients after an Early Supported Discharge Program**

Zhenzhen Chen, Jia Yen Eng, Yiwei Lin, Siew Seang Ong, Lilian Lim, Eunice Lui, Jie Min Ee, Bernard Poon Lap Chan, Natl Univ Hosp, Singapore, Singapore

Poster Board Number P119 / Presentation Number T P119**Effective Pre-Planned Center Selection to Optimize Sample Heterogeneity in the Interdisciplinary Comprehensive Arm Rehabilitation Evaluation (ICARE) Multi-site Trial**

Monica A Nelsen, Caron Park, Christianne J Lane, Univ of Southern California, Los Angeles, CA; Steven L Wolf, Emory Univ, Atlanta, GA; Alexander W Dromerick, Natl Rehabilitation Hosp & Georgetown Univ, Washington, DC; Carolee J Winstein, Univ of Southern California, Los Angeles, CA

Poster Board Number P120 / Presentation Number T P120**Clinical Demographic Effects on Functional Outcome in Patients Following Decompressive Hemicraniectomy for Malignant Middle Cerebral Artery Infarction**

Kader AbdeleRahman, Maria Carissa Pineda, Fred Rincon, William Young, Matthew Vibbert, Rodney Bell, Michael Moussouttas, Thomas Jefferson Univ Hosp, Philadelphia, PA

Poster Board Number P121 / Presentation Number T P121**A Comparative Study of Duloxetine and Paroxetine in Japanese Patients With Post-Stroke Depression**

Shuji Matsumoto, Megumi Shimodozono, Kagoshima Univ, Kirishima City, Japan

Poster Board Number P122 / Presentation Number T P122**Functional Independence Measure Scores Predict Self-care Levels Required for Post-acute Stroke Patients Classified by the Long-Term Care Insurance System in Japan: A Multicenter Retrospective Cohort Study**

Naoki Saji, Kazumi Kimura, Kawasaki Medical Sch, Kurashiki, Japan; Goro Ohsaka, Hyogo Prefectural Rehabilitation Hosp at Nishiharima, Himeji, Japan; Yasuto Higashi, Himeji Central Hosp, Himeji, Japan; Yoichi Teramoto, Ishikawa Hosp, Himeji, Japan; Masanobu Usui, Steel Memorial Hirohata Hosp, Himeji, Japan; Yasushi Kita, Hyogo Brain and Heart Ctr at Himeji, Himeji, Japan

Poster Board Number P123 / Presentation Number T P123**Non-invasive Brain Stimulation for Motor Function of Chronic Stroke Patients**

Eunhee Park, Tae Gun Kwon, Won Hyuk Chang, Yun-Hee Kim, Samsung Medical Ctr, Sungkyunkwan Univ Sch of Medicin, Seoul, Korea, Republic of

Poster Board Number P124 / Presentation Number T P124**Effect of Neuromuscular Magnetic Stimulation on the Hemiplegic Upper Extremity in Subacute Stroke Patients**

Min Kyun Sohn, Hyun-keun Lee, Chungnam Natl Univ Hosp, Daejeon, Korea, Republic of

Poster Board Number P125 / Presentation Number T P125**The Effects of Robot-assisted Training With Electrical Stimulation on Health-related Conditions in Patients With Chronic Stroke: A Pilot Randomized Controlled Trial**

Ching-yi Wu, Pai-chuan Huang, Fu-han Hsieh, Man-chiao Hsiao, Hsiao-wen Chen, Chang Gung Univ, Kwei-Shan, Tao-Yuan, Taiwan

Poster Board Number P126 / Presentation Number T P126**Cerebral Microbleeds and Functional Outcomes at Discharge and 6 Months after Acute Ischemic Stroke**

Tae-Won Kim, Jaseong Koo, Joong-Seok kim, Hyun Seok Choi, Kwang Soo Lee, The Catholic Univ of Korea, Seoul, Korea, Republic of

Community/Risk Factors Posters II**T P127 – T P163****Poster Board Number P127 / Presentation Number T P127****AHA Guidelines Nurse Practitioner Cardiovascular Risk Education Program Delivered in Outpatient Stroke Rehabilitation Program Leads to Increased Independence with Medications, Self Blood Pressure Monitoring, Improved Blood Pressures, and Rehabilitation Out**

Joan Breen, Jeanne Andrusin, Tom Ferlito, Lauren Miller, Whittier Rehabilitation Hosp, Bradford, MA; Anne Tucker, McClean's Hosp, Concord, MA; Maria Nazarova, Beth Israel Deaconess Hosp, Boston, MA; Ellen Wentland, Northern Essex Community Coll, Haverhill, MA

Poster Board Number P128 / Presentation Number T P128**Dual Task Walking Reveals Cognitive Dysfunction in Community-Dwelling Elderly Subjects: The Sefuri Brain MRI Study**

Manabu Hashimoto, Yuki Takashima, Natl Hosp Organization Hizen Psychiatric Ctr, Saga, Japan; Akira Uchino, Saitama Medical Univ Intl Medical Ctr, Saitama, Japan; Takefumi Yuzuriha, Hiroshi Yao, Natl Hosp Organization Hizen Psychiatric Ctr, Saga, Japan

Poster Board Number P129 / Presentation Number T P129**Association of Increased Serum Alkaline Phosphatase with Intracranial Atherosclerosis**

Jun Yup Kim, Tae Jung Kim, Chi Kyung Kim, Seunguk Jung, Yerim Kim, Sang-Bae Ko, Seung-Hoon Lee, Byung-Woo Yoon, Seoul Natl Univ Hosp, SEOUL, Korea, Republic of

Poster Board Number P130 / Presentation Number T P130**Determinants of White Matter Hyperintensity Burden Differ at the Extremes of Age of Ischemic Stroke Onset**

Cathy R Zhang, Lisa Cloonan, Kaitlin M Fitzpatrick, Allison S Kanakis, Alison M Ayres, MGH, Boston, MA; Karen L Furie, Rhode Island Hosp, Providence, RI; Jonathan Rosand, Natalia S Rost, MGH, Boston, MA

Poster Board Number P131 / Presentation Number T P131**Residential Ethnic Segregation and Stroke Risk in Mexican Americans in the BASIC Project**

Rajiv C Patel, Melinda A Smith, Lewis B Morgenstern, Lynda D Lisabeth, Univ of Michigan, Ann Arbor, VA

Poster Board Number P132 / Presentation Number T P132**Rapid loss of the Mexican American Survival Advantage After Stroke – The BASIC Study**

Lewis B Morgenstern, Brisa N Sánchez, Melinda Smith, Devin Brown, Nelda Garcia, Lynda Lisabeth, Univ of Michigan, Ann Arbor, MI

Poster Board Number P133 / Presentation Number T P133**Hot and Humid in Alabama: Atmospheric Parameters and Stroke Admissions**

Reza Bavarsad Shahripour, Comprehensive Stroke Ctr., Birmingham, AL; Georgios Tsigoulis, Univ of Athens, Athens, Greece; Kara A Sands, Michael J Lyster, Geyanendra Kumar, Saeid Bitaraf, April Sisson, Anne W Alexandrov, Andrei V Alexandrov, Comprehensive Stroke Ctr., Birmingham, AL

Poster Board Number P134 / Presentation Number T P134**Fibroblast Growth Factor 23 and Risk of Incident Stroke in the Regards Study**

Bhupesh Panwar, Univ of Alabama at Birmingham, Birmingham, AL; Nancy Jenny, Univ of Vermont, Burlington, VT; Virginia Howard, Virginia Wadley, Paul Muntner, Suzanne Judd, Orlando Gutierrez, Univ of Alabama at Birmingham, Birmingham, AL

Poster Board Number P135 / Presentation Number T P135**Geographic Microtargeting: Identifying High Risk Stroke Populations**

Jason Mackey, Indiana Univ, Indianapolis, IN; Heidi Sucharew, Monir Hossain, David E Jones, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Kathleen Alwell, Charles J Moomaw, Brett M Kissela, Daniel Woo, Univ of Cincinnati, Cincinnati, OH; Pooja Khatri, Univ of Cincinnati, Cincinnati, IN; Matthew L Flaherty, Opeolu Adeoye, Simona Ferioli, Joseph P Broderick, Dawn O Kleindorfer, Univ of Cincinnati, Cincinnati, OH

Poster Board Number P136 / Presentation Number T P136**Potential Contributors to the Declining Impact of Stroke Risk Factors with Age: Implications for Stroke Epidemiology in the Elderly**

George Howard, Univ Alabama Birmingham, Birmingham, AL; Mary Cushman, Univ of Vermont, Burlington, VT; Maciej Banach, Univ of Lodz, Lodz, Poland; Brett M Kissela, Univ of Cincinnati, Cincinnati, OH; David C Goff, Colorado Sch of Public Health, Aurora, CO; Elsayed Z Soliman, Wake Forest Univ Sch of Med, Winston Salem, NC; Suzanne E Judd, Virginia J Howard, Univ Alabama Birmingham, Birmingham, AL; for the REasons for Geographic And Racial Differences in Stroke (REGARDS) Study

Poster Board Number P137 / Presentation Number T P137**Temporal Trends in Hospitalization for Ischemic Stroke in the United States, 2000-2010**

Nerses Sanossian, May A Kim-Tenser, Lucas Ramirez, Natalie Valle, Steven Cen, William J Mack, Amytis Towfighi, Univ of Southern California, Los Angeles, CA

Poster Board Number P138 / Presentation Number T P138**Time Trends over Five Decades in Rates of Hospital Admission for Any Stroke and Stroke Subtypes in England**

Olena O Seminog, Nick Hall, Michael J Goldacre, Univ of Oxford, Oxford, United Kingdom

Poster Board Number P139 / Presentation Number T P139**Rising Rates of the Metabolic Syndrome Among Stroke Survivors in the United States**

Michael McManus, Univ of Southern California, Los Angeles, CA; Daniela Markovic, Univ of California Los Angeles, Los Angeles, CA; Natalie Valle, Rancho Los Amigos Natl Rehabilitation Ctr, Downey, CA; Bruce Ovbiagele, Medical Univ of South Carolina, Charleston, NC; Amytis Towfighi, Univ of Southern California, Los Angeles, CA

Poster Board Number P140 / Presentation Number T P140**The Intriguing Metabolically Healthy but Obese Phenotype: Association With the Prognosis After Ischemic Stroke**

Mi-Young Oh, Seoul National University, Seoul, Korea, Republic of; Hyon Lee, Min-Jung Kim, Sang Bae Ko, Seung-Hoon Lee, Byung-Woo Yoon, Seoul National University Hospital, Seoul, Korea, Republic of

Poster Board Number P141 / Presentation Number T P141**Metabolic Determinants of White Matter Hyperintensity Burden in Patients with Acute Ischemic Stroke**

Lisa Cloonan, Kaitlin Fitzpatrick, Allison Kanakis, Massachusetts General Hosp, Boston, MA; Karen Furie, Alpert Medical Sch, Providence, RI; Jonathan Rosand, Natalia Rost, Massachusetts General Hosp, Boston, MA

Poster Board Number P142 / Presentation Number T P142**Mortality And Stroke Recurrence In Obese Stroke Patients: The Obesity Paradox In a London-Based Population**

Filomena Gomes, Peter W Emery, King's Coll London, London, United Kingdom; Christine Elizabeth Weekes, Guy's & St Thomas' NHS Fdn Trust, London, United Kingdom

Poster Board Number P143 / Presentation Number T P143**Lipid Profile Components and Subclinical Cerebrovascular Disease in the Northern Manhattan Study**

Joshua Z Willey, Columbia Univ, New York, NY; Hannah Gardener, Univ of Miami, Miami, FL; Yeseon P Moon, Columbia Univ, New York, NY; Mitsuhiro Yoshita, Hokuriku Natl Hosp, Nanto, Japan; Charles DeCarli, Univ of California at Davis, Davis, CA; Ying Kuen Cheung, Columbia Univ, New York, NY; Ralph L Sacco, Univ of Miami, Miami, FL; Mitchell S Elkind, Columbia Univ, New York, NY; Clinton B Wright, Univ of Miami, Miami, FL

Poster Board Number P144 / Presentation Number T P144**Association Between Lipoprotein (a) Levels and Vascular Events in the Stenting and Aggressive Medical Management for Preventing Recurrent Stroke in Intracranial Stenosis (SAMMPRIS) trial**

Swaroop Pawar, Tanya N Turan, MUSC Stroke Program, Charleston, SC; Michael J Lynn, Azhar Nizam, Emory, Atlanta, GA; Ngoc-Anh Le, Atlanta VA Hosp, Atlanta, GA; Jean Montgomery, Emory, Atlanta, GA; Colin P Derdeyn, Washington Univ, St Louis, MO; David Fiorella, State Univ of New York - Stony Brook, Stony Brook, NY; Bethany F Lane, Emory, Atlanta, GA; Scott Janis, NINDS, Bethesda, MD; Marc I Chimowitz, MUSC Stroke Program, Charleston, SC; SAMMPRIS Investigators

Poster Board Number P145 / Presentation Number T P145**Physiological Parameters and Radiological Findings of Cerebral Small Vessel Disease**

Ryosuke Doijiri, Kozue Saito, Rie Motoyama, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Yukiko Tsutsumi, Shinichiro Uchiyama, Tokyo Women's Medical Univ Sch of Med, Tokyo, Japan; Masayasu Matsumoto, Hiroshima Univ Graduate Sch of Biomedical and Health Sciences, Hiroshima, Japan; Kentaro Fujishiro, Toho Univ, Tokyo, Japan; Yasuhiro Tadokoro, Kazuo Kitagawa, Osaka Univ Graduate Sch of Med, Suita, Japan; Hidehiro Takekawa, Dokkyo Medical Univ, Mibu, Japan; Osamu Yamamura, Univ of Fukui Hosp, Eiheiji, Japan; Masafumi Tagaya, Osaka Natl Hosp, Suita, Japan; Kazuyuki Nagatsuka, Natl Cerebral and Cardiovascular Ctr, Suita, Japan

Poster Board Number P146 / Presentation Number T P146**Vitamin D Deficiency is Associated With Stroke in Black and White Participants of the REGARDS Study**

Suzanne E Judd, Virginia J Howard, Paul Muntner, Univ of Alabama Birmingham, Birmingham, AL; Brett M Kissela, Univ of Cincinnati, Cincinnati, OH; Bhupesh Panwar, Univ of Alabama Birmingham, Birmingham, AL; Nancy Jenny, Univ of Vermont, Burlington, VT; Orlando M Gutierrez, Univ of Alabama Birmingham, Birmingham, AL

Poster Board Number P147 / Presentation Number T P147**Vitamin D Deficiency is Associated With Stroke in ethnic Chinese but Not South Asians in a Case-Control Study**

Deidre De Silva, Natl Neuroscience Inst, Singapore, Singapore; Melissa Tan, Duke-Natl Univ of Singapore Graduate Medical Sch, Singapore, Singapore; Fung-Peng Woon, Singapore General Hosp, Singapore, Singapore; Kamran Ikram, Tien-Yin Wong, Singapore Eye Res Inst, Singapore, Singapore; Eng-King Tan, Wei-Ling Lee, Natl Neuroscience Inst, Singapore, Singapore

Poster Board Number P148 / Presentation Number T P148**Lactate Dehydrogenase Levels are Associated with Acute Ischemic Stroke in Ventricular Assist Device Patients**

Amelia K Boehme, Chrisly Dillon, Gerald McGwin Jr, Salpy V Pamboukian, Nita A Limdi, Univ of Alabama at Birmingham, Birmingham, AL

Poster Board Number P149 / Presentation Number T P149**Prevalence of Atrial Fibrillation in Stroke Patients: an Observational Study in the Very Old**

Luis Mielro, Hosp Santa Maria, Lisbon, Portugal; Ana Miranda, Mariana Alves, Marco Narciso, Francisca Lopes, Teresa Fonseca, Hosp Pulido Valente, Lisbon, Portugal

Poster Board Number P151 / Presentation Number T P151**Fibroblast Growth Factor 23 and Carotid Plaque: the Northern Manhattan Study (NOMAS)**

Nirav Shah, Chuanhui Dong, Univ of Miami, Miami, FL; Sandino Cespedes, Mitchell S Elkind, Columbia Univ, New York, NY; Ralph L Sacco, Univ of Miami, Miami, FL; Myles Wolf, Northwestern Univ, Miami, FL; Tatjana Rundek, Clinton B Wright, Univ of Miami, Miami, FL

Poster Board Number P152 / Presentation Number T P152**Correlates Of Dolichoectasia In An Urban, Stroke-free Cohort: Results From The Northern Manhattan Study**

Jose Gutierrez, Neurological Inst, New York, NY; Ahmet Bagci, Miller Sch of Med, Univ of Miami, Miami, FL; Victor Del Brutto, Hosp-Clinica Kennedy, Guayaquil, Ecuador; Palma Gervasi-Franklin, Neurological Inst, New York, NY; Tatjana Rundek, Miller Sch of Med, Univ of Miami, Miami, FL; Mitchell SV Elkind, Neurological Inst, New York, NY; Noam Alperin, Ralph L Sacco, Clinton B Wright, Miller Sch of Med, Univ of Miami, Miami, FL

Poster Board Number P153 / Presentation Number T P153**Women and Men with Ischemic Stroke in SiGN Have Different Subtype Distributions and Risk Factors**

Kathryn M Rexrode, Brigham and Women's Hosp, Boston, MA; Braxton D Mitchell, Kathleen A Ryan, Steven J Kittner, Univ of Maryland Sch of Med, Baltimore, MD; Hakan Ay, Massachusetts General Hosp, Boston, MA; Sylvia W Wassertheil-Smoller, Albert Einstein Sch of Med, New York, NY; Tatjana Rundek, Univ of Miami, Miller Sch of Med, Miami, FL

Poster Board Number P154 / Presentation Number T P154**Association of Common Variants in Immune Response Genes with Severity of Familial Cerebral Cavernous Malformation Type 1**

Hélène Choquet, Jeffrey Nelson, Ludmila Pawlikowska, Charles E McCulloch, Univ of California, San Francisco, San Francisco, CA; Amy Akers, Angioma Alliance, Durham, NC; Beth Baca, Univ of New Mexico, Albuquerque, NM; Yasir Khan, Univ of New Mexico, Albuquerque, NM; Blaine Hart, Leslie Morrison, Univ of New Mexico, Albuquerque, NM; Helen Kim, Univ of California, San Francisco, San Francisco, CA

Poster Board Number P156 / Presentation Number T P156**Chronic Kidney Disease as a Risk Factor for Carotid Atherosclerosis: A Case Control Study**

Tae Jung Kim, Jun Yup Kim, Chi Kyung Kim, Yerim Kim, Seunguk Jung, Sang-Bae Ko, Seung-Hoon Lee, Byung-Woo Yoon, Seoul Natl Univ Hosp, Seoul, Korea, Republic of

Poster Board Number P157 / Presentation Number T P157**The Impact of Estimated Glomerular Filtration Rate on a Recurrence of Ischemic Stroke: the Fukuoka Stroke Registry**

Takahiro Kuwashiro, Natl Hosp Organization Kyushu Medical Ctr, Fukuoka, Japan; Masahiro Kamouchi, Kyushu Univ, Fukuoka, Japan; Yasuhiko Kumai, Hakujuji Hosp, Fukuoka, Japan; Koichiro Maeda, Takeshi Uwatoko, Yoshiyuki Wakugawa, Natl Hosp Organization Kyushu Medical Ctr, Fukuoka, Japan; Tetsuro Ago, Kyushu Univ, Fukuoka, Japan; Masahiro Yasaka, Yasushi Okada, Natl Hosp Organization Kyushu Medical Ctr, Fukuoka, Japan; Takanari Kitazono, Kyushu Univ, Fukuoka, Japan

Poster Board Number P158 / Presentation Number T P158**Prolonged Atrial Electrical Mechanical Delay on Echocardiography in Patients With Cryptogenic Stroke**

Dae-Hyun Kim, Busan-Ulsan Regional Cardiocerebrovascular Ctr, Dong-A Univ Hosp, Busan, Korea, Republic of; Seong-HO Choi, Dept of Neurology, Bumin Hosp, Busan, Korea, Republic of; Jong-Seong Park, Hyun-Wook Nigh, Jae-Kwan Cha, Busan-Ulsan Regional Cardiocerebrovascular Ctr, Dong-A Univ Hosp, Busan, Korea, Republic of

Poster Board Number P159 / Presentation Number T P159**Cardiovascular Health and Subsequent Cognitive Function in Patients with Pre-existing Coronary Heart Disease**

David Tanne, Chaim Sheba Medical Ctr, Tel Hashomer, Israel; Galit Weinstein, Boston Univ Sch of Med, Boston, MA; Noa Molshatzki, Chaim Sheba Medical Ctr, Tel Hashomer, Israel; Uri Goldbourt, Tel Aviv Univ, Tel Aviv, Israel

Poster Board Number P160 / Presentation Number T P160**Are Severity And Outcome Of Ischemic Stroke With Paroxysmal Atrial Fibrillation Different From Those With Chronic Atrial Fibrillation?**

Seiji Miura, Masahiro Yasaka, Koichiro Maeda, Takeshi Uwatoko, Takahiro Kuwashiro, Yoshiyuki Wakugawa, Yasushi Okada, Natl Hosp Organization Kyushu Medical Ctr, Fukuoka, Japan

Poster Board Number P161 / Presentation Number T P161**Atrial Fibrillation is Associated With Increased Risk of Silent Cerebral Infarction: A Systematic Review and Meta-analysis**

Shadi Kalantarian, Ferdinando S Buonanno, Massachusetts General Hosp, Boston, MA; Randy Gollub, Kalliroi Retzepis, Massachusetts General Hosp, Charlestown, MA; Moussa Mansour, Jeremy N Ruskin, Massachusetts General Hosp, Boston, MA

Poster Board Number P162 / Presentation Number T P162**Cardio-Ankle Vascular Index (CAVI) predicts Cardioembolic Stroke in Patients with Atrial Fibrillation**

Gensai Yamaura, Satoshi Nishiyama, Tetsu Watanabe, Masahiro Wanezaki, Shintaro Sasaki, Hiroki Takahashi, Takanori Arimoto, Tetsuro Shishido, Takehiko Miyashita, Takuya Miyamoto, Isao Kubota, Yamagata Univ school of Med, Yamagata, Japan

Poster Board Number P163 / Presentation Number T P163**Influenza-Like Illness is Associated With Risk of Ischemic Stroke: A Case-Crossover Analysis**

Jorge M Luna, Columbia Univ, New York, NY; Hooman Kamel, Weill Cornell Medical Coll, New York, NY; Joshua Willey, Ken Cheung, Mitchell S Elkind, Columbia Univ, New York, NY

Diagnosis of Stroke Etiology Posters II**T P165 – T P180****Poster Board Number P165 / Presentation Number T P165****Prospective Screening of Family Members with Moyamoya Disease Patients**

Lian Duan, 307 Hosp, PLA, Beijing, China

Poster Board Number P166 / Presentation Number T P166**Cerebral Infarction Occurrence in Settings of Acute Traumatic Injury Analysis of a Prospective Multicenter Trial**

Malik M Adil, Tanya Mohindroo, Sheharyar Minhas, Adnan I Qureshi, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN

Poster Board Number P167 / Presentation Number T P167**Emergent Identification of Type A Aortic Dissection As a Cause of Acute Ischemic Stroke**

Tomoyuki Ohara, Kazunori Toyoda, Hiroyuki Yokoyama, Kenji Minatoya, Eijiro Tanaka, Kazuyuki Nagatsuka, Kazuo Minematsu, Natl Cerebral and Cardiovascular Ctr, Suita, Japan

Poster Board Number P168 / Presentation Number T P168**Headache and Cerebral Venous Thrombosis**

Carlos Cantu Brito, Erwin Chiquete, Antonio Arauz, Insto Nacional De Ciencias Medicas Y Nutricion Salvador Zubiran, Mexico, Mexico

Poster Board Number P169 / Presentation Number T P169**The Questionable Cost-effectiveness of Hypercoagulable Testing in Arterial Ischemic Stroke**

Scott J Kohler, Andrew M Southerland, Bradford B Worrall, Univ of Virginia, Charlottesville, VA

Poster Board Number P170 / Presentation Number T P170**Risk Stratification in Acute Ischemic Stroke by Transcranial Doppler in a Multiethnic Population: Role of Microembolic Signal**

Rodrigo Bazan, Gabriel P Braga, Silméia G Bazan, João C Hueb, Unesp, Botucatu, Brazil; João P Leite, Octávio M Pontes-Neto, Medical Sch of Ribeirão Preto – USP, Ribeirão Preto, Brazil

Poster Board Number P171 / Presentation Number T P171**Impaired Brachial Flow-mediated Dilatation in Patients With Symptomatic Nontraumatic Intracranial Arterial Dissections**

Tomonori Iwata, Takahisa Mori, Yuichi Miyazaki, Yuhei Tanno, Shigen Kasakura, Kazuhiro Yoshioka, Shonan Kamakura General Hosp Stroke Ctr, Kamakura, Japan

Poster Board Number P172 / Presentation Number T P172**Putative Blood Biomarkers for Reversible Cerebral Vasoconstriction Syndrome**

Seby John, Belinda Willard, Leonard Calabrese, Tariq Hammad, Ken Uchino, Stewart Tepper, Mark Stillman, Rula Hajj-Ali, Cleveland Clinic Fndn, Cleveland, OH

Poster Board Number P173 / Presentation Number T P173**Accuracy of Transcranial Doppler for the Diagnosis of Intracardiac Right-to-Left Shunts: A Meta-Analysis of Prospective Studies**

M Khalid Mojaddi, Albert Einstein Coll of Med, Bronx, NY; Muhammad O Zaman, William Beaumont Hosp, Grosse Pointe, MI; Scott Roberts, Jared Winoker, Jorge Romero, David Goodman, Albert Einstein Coll of Med, Bronx, NY; Rubine Gevorgyan, Jonathan M Tobis, UCLA Sch of Med, Los Angeles, CA

Poster Board Number P174 / Presentation Number T P174**Stroke Severity in Patients With Different Durations of Atrial Fibrillation**

Rolf Wachter, Mark Weber-Krueger, Raoul Stahrenberg, Joachim Seegers, Univ of Goettingen, Göttingen, Germany; Klaus Gröschel, Univ of Mainz, Mainz, Germany; Find-AF study group

Poster Board Number P175 / Presentation Number T P175**Symptoms and Signs of Cerebrovascular Ischemia in the New England Medical Center Patent Foramen Ovale Registry**

Hassanain Toma, David E Thaler, Tufts Medical Ctr, Boston, MA

Poster Board Number P176 / Presentation Number T P176**Readmission for Infective Endocarditis after Ischemic Stroke or Transient Ischemic Attack**

Stacy Y Chu, Alexander E Merkler, Natalie T Cheng, Hooman Kamel, Weill Cornell Medical Coll, New York, NY

Poster Board Number P177 / Presentation Number T P177**Cryptogenic Stroke: Frequency and Diagnostic Evaluation Across Different Age Groups**

Ali Razmara, Jenelle Jindal, Alison Ayres, Aneesh B Singhal, Massachusetts General Hosp, Boston, MA

Poster Board Number P178 / Presentation Number T P178**Echocardiographic Left Atrial Strain Analysis Plus NT-ProBNP to Determine Cardioembolic Strokes**

Jorge Pagola, Stroke Unit, Neurology Dept Vall D'Hebron Hosp, Barcelona, Spain; Alejandro Bustamante, Vall d'Hebron Res Inst, Barcelona, Spain; Teresa Gonzalez Alujas, Echocardiography Unit, Cardiology Dept Vall D'Hebron Hosp, Barcelona, Spain; Laia Sero, Alan Flores, Marian Muchada, David Rodriguez-Luna, Estela Sanjuan, Pilar Meler, Marta Rubiera, Marc Ribo, Jose Alvarez-Sabin, Stroke Unit, Neurology Dept Vall D'Hebron Hosp, Barcelona, Spain; Arturo Evangelista, Echocardiography Unit, Cardiology Dept Vall D'Hebron Hosp, Barcelona, Spain; Joan Montaner, Vall d'Hebron Res Inst, Barcelona, Spain; Carlos A Molina, Stroke Unit, Neurology Dept Vall D'Hebron Hosp, Barcelona, Spain

Poster Board Number P179 / Presentation Number T P179**Atrial Fibrillation Unidentified Prior to Stroke/tia: Background Features, Stroke Severity and Outcome – The Samurai-nvaf Study**

kazunari honma, Kazunori Toyoda, Natl Cerebral and Cardiovascular Ctr, suitea, Japan; Shunya Takizawa, Tokai Univ Sch of Med, Isehara, Japan; Kenichi Todo, Kobe City Medical Ctr General Hosp, Kobe, Japan; Kazumi Kimura, Kawasaki Medical Sch, Kawasaki, Japan; Yoshiaki Shiokawa, Kyorin Univ Sch of Med, Mitaka, Japan; Kenji Kamiyama, Nakamura Memorial Hosp, Sapporo, Japan; Tadashi Terasaki, Japanese Red Cross Kumamoto Hosp, Kumamoto, Japan; Yasushi Okada, Natl Hosp Organization Kyushu Medical Ctr, Fukuoka, Japan; Yoshinari Nagakane, Japanese Red Cross Kyoto Second Red Cross Hosp, Kyoto, Japan; Hiroshi Mochizuki, Outh Miyagi Medical Ctr, Ogawara, Japan; Yasuhiro Hasegawa, St Marianna Univ Sch of Med, Kawasaki, Japan; Satoshi Okuda, Natl Hosp Organization Nagoya Medical Ctr, Nagoya, Japan; Eisuke Furui, Kohnan Hosp, Sendai, Japan; Yasuhiro Ito, TOYOTA Memorial Hosp, Toyota, Japan; Takahiro Nakashima, Natl Hosp Organization Kagoshima Medical Ctr, Kagoshima, Japan; Kazuomi Kario, Tomoaki Kameda, Jichi Medical Univ Sch of Med, Shimotsuke, Japan; Kazuhiro Takamatsu, Ohta Memorial Hosp, Fukuyama, Japan; Kazutoshi Nishiyama, Kitasato Univ Sch of Med, Sagami-hara, Japan; Shoji Arihiro, Hiroshi Yamagami, Junpei Kobayashi, Shoichiro Sato, Masatoshi Koga, Natl Cerebral and Cardiovascular Ctr, Suitea, Japan

Poster Board Number P180 / Presentation Number T P180**Diastolic Dysfunction and Left Atrial Volume Mediates Embolic Stroke in Patients with Atrial Fibrillation**

Mohammad Alhaji, Stroger / Cook County Hosp, Chicago, IL; Mahesh Raju, Rush Univ Medical Ctr, Chicago, IL; Fahed Al Darazi, Stroger / Cook County Hosp, Chicago, IL; Amit Kakkar, Richard Olstein, Shyam Prabhakaran, Rami Doukky, Rush Univ Medical Ctr, Chicago, IL

Emergency Care/Systems Posters II**T P182 – T 199****Poster Board Number P182 / Presentation Number T P182****Post-tPA ICH: INSTINCT Community Hospitals vs Pooled Analysis Data**

Benjamin D Hume, Darin B Zahuranec, Lewis B Morgenstern, Cemal B Sozener, William J Meurer, Phillip A Scott, Univ of Michigan, Ann Arbor, MI

Poster Board Number P183 / Presentation Number T P183**Transient Neurological Symptoms with MRI Evidence of Infarction in an Emergency Department Observation Unit**

Matthew S Siket, Brian Silver, Todd A Seigel, Gino Paolucci, John A Pezzullo, Jeffrey Rogg, Frantz J Gibbs, Lisa H Merck, Alpert Medical Sch of Brown Univ, Providence, RI

Poster Board Number P184 / Presentation Number T P184**Outpatient Evaluation of Transient Ischemic Attack (TIA) Patients**

Nagakrishna Nachimuthu, Michael E Chan, Martin I Amor, Alex Puma, Florence Armour, Shirley S Hwang, Neil R Holland, Monmouth Medical Ctr, Long Branch, NJ

Poster Board Number P185 / Presentation Number T P185**Effectiveness Of A Telestroke System In A Metropolitan Area: A Prospective Cohort Study The Madrid Telestroke Project**

Patricia Martinez-Sanchez, La Paz Univ Hosp, Madrid, Spain; Maria Alonso de Leciana, Ramon y Cajal Univ Hosp, Madrid, Spain; Ambrosio Miralles-Martinez, Infanta Sofia Univ Hosp, Madrid, Spain; Nuria Huertas-Gonzalez, Alfonso Martin-Martinez, Severo Ochoa Univ Hosp, Madrid, Spain; Elisa Correias-Callero, La Paz Univ Hosp, Madrid, Spain; Rosa Sanz de Barros, Infanta Sofia Univ Hosp, Madrid, Spain; Julio Domingo-Garcia, Soledad Serrano-Lopez, Severo Ochoa Univ Hosp, Madrid, Spain; Blanca Fuentes, La Paz Univ Hosp, Madrid, Spain; Jaime Masjuan, Ramon y Cajal Univ Hosp, Madrid, Spain; Gerardo Ruiz-Ares, La Paz Univ Hosp, Madrid, Spain; Marta Martinez-Martinez, Infanta Sofia Univ Hosp, Madrid, Spain; Borja E Sanz-Cuesta, Andres Cruz-Herranz, Exuperio Diez-Tejedor, La Paz Univ Hosp, Madrid, Spain

Poster Board Number P186 / Presentation Number T P186**"I Think It's a Stroke" – An Analysis of 9-1-1 Calls**

Subin Mathew, Carlos Corado, Northwestern Univ, Feinberg Sch of Med, Chicago, IL; Minna Masor, Advocate Illinois Masonic Medical Ctr, Chicago, IL; Sarah Song, Rush Univ Medical Ctr, Chicago, IL; Eddie Markul, Advocate Illinois Masonic Medical Ctr, Chicago, IL; Leslee Stein-Spencer, Chicago Fire Dept, Chicago, IL; Christopher Richards, Northwestern Univ, Feinberg Sch of Med, Chicago, IL; Frank Albarran, Chicago Fire Dept, Chicago, IL; Kathleen O'Neill, American Heart Association, Chicago, IL; Neelam Aggarwal, Rush Univ Medica Ctr, Chicago, IL; Shyam Prabhakaran, Northwestern Univ, Feinberg Sch of Med, Chicago, IL

Poster Board Number P187 / Presentation Number T P187**Regionalization of Endovascular Therapy for Acute Ischemic Stroke in California, 2009-2010**

Jay Chol Choi, Jeju Natl Univ, Jeju-si, Korea, Republic of; Renee Y Hsia, Anthony S Kim, UC San Francisco, San Francisco, CA

Poster Board Number P188 / Presentation Number T P188**Equivalency in Intravenous Thrombolytic Treatment Rates Between Primary Stroke Centers and Non-Primary Stroke Centers Through the Use of Telestroke**

Archit Bhatt, Elizabeth Barban, Leslie Corless, Tamela Stuchiner, Amit Kansara, Providence Brain Inst, Portland, OR

Poster Board Number P189 / Presentation Number T P189**Time Trends in Transient Ischemic Attack Admission From the Emergency Department**

Karen Albright, John Donnelly, UAB, Birmingham, AL; Michael Mullen, Brett Cucchiara, Univ of Pennsylvania, Philadelphia, PA; Justin Blackburn, Alexander Lo, UAB, Birmingham, AL

Poster Board Number P190 / Presentation Number T P190**Are There Differences Between US and UK Adults in Stroke Preparedness? Evidence From Parallel Population-Based Community Surveys**

Stephan Dombrowski, Univ of Stirling, Stirling, United Kingdom; Gary Ford, New Castle Univ, New Castle, United Kingdom; Lewis Morgenstern, Univ of Michigan, Ann Arbor, MI; Martin White, New Castle Univ, New Castle Upon Tyne, United Kingdom; Falko F Sniehotta Sniehotta, New Castle University, New Castle upon Tyne, United Kingdom; Joan Mackintosh, New Castle University, New Castle upon Tyne, United Kingdom; Paul Gellert, New Castle Univ, New Castle upon Tyne, United Kingdom; Lesli Skolarus, Univ of Michigan, Ann Arbor, MI

Poster Board Number P191 / Presentation Number T P191**Emergent Management of Acute Retinal Ischemia**

Konrad H Schlick, Thomas M Hemmen, Brett C Meyer, Univ of California, San Diego, San Diego, CA

Poster Board Number P192 / Presentation Number T P192**Interventional Stroke Assessment Scale for Eligibility in Endovascular Therapy (ISAS-ET)**

Haitham Dababneh, Asif Bashir, Mohammed Hussain, Sara Misthal, Mohammad Moussavi, Jawad F Kirmani, JFK New Jersey Neuroscience Inst, Edison, NJ

Poster Board Number P193 / Presentation Number T P193**Impact of Observing TIA Patients in a Clinical Decision Unit**

Deepak Nair, Illinois Neurological Inst, Peoria, IL; Joanna Gardner, Scott MacGregor, OSF Saint Francis Medical Ctr, Peoria, IL; Clayton McNeil, Linda Gonias, Judi Beck, Teresa Swanson-Devlin, Jan Jahnel, Sarah Parker, Arun Talkad, David Wang, Illinois Neurological Inst, Peoria, IL

Poster Board Number P194 / Presentation Number T P194**Clinical Use of Telemedicine for Acute Stroke Care in a Regional Area: Findings From the Victorian Stroke Telemedicine (VST) Project**

Christopher Bladin, Natasha Moloczi, Helen Dewey, Florey Neuroscience Inst, Melbourne, Australia; Peter Hand, Royal Melbourne Hosp, Melbourne, Australia; Richard Gerraty, Monash Univ, Melbourne, Australia; Sonia Denisenko, Florey Neuroscience Inst, Melbourne, Australia; Sharan Ermel, Bendigo Health, Bendigo, Australia; Dominique Cadilhac, Florey Neuroscience Inst, Melbourne, Australia

Poster Board Number P195 / Presentation Number T P195**Do Women Benefit More From tPA Than Men? Results From the BASIC Project**

Lynda Lisabeth, Univ of Michigan, Ann Arbor, MI; Mathew Reeves, Michigan State Univ, East Lansing, MI; Jonggyu Baek, Devin Brown, Darin Zahuranec, Melinda Smith, Lewis Morgenstern, Univ of Michigan, Ann Arbor, MI

Poster Board Number P196 / Presentation Number T P196**The Feasibility of iPad Technology for Remote Stroke Assessment Within a Moving Ambulance**

Marianthi N Hatzigeorgiou, Indiana Univ, Bloomington, IN; Pavan Rao, Indiana Univ Sch of Med, Indianapolis, IN; Nicholas Litchin, Indiana Univ, Bloomington, IN; Jeanne Carroll, Parkview Res Ctr, Fort Wayne, IN; Rakesh Khatri, Fort Wayne Neurological Ctr, Fort Wayne, IN; Fen-Lei F Chang, Indiana Univ Sch of Med, Fort Wayne Neurological Ctr, Fort Wayne, IN

Poster Board Number P197 / Presentation Number T P197**Variation in Last Known Normal Times of Stroke Code Patients**

Ilana Spokorny, Univ of California, San Diego, San Diego, CA; Alex J Kim, Univ of California, Los Angeles, Los Angeles, CA; Jessica S Choe, Rema Raman, Karin Ernstrom, Brett C Meyer, Navaz P Karanjia, Univ of California, San Diego, San Diego, CA

Poster Board Number P198 / Presentation Number T P198

Cerebrovascular Disease Patterns among Emergency Room Admissions in 4070 Consecutive Patients of Haiti

Ernest Barthelemy, Icahn Sch of Med at Mount Sinai, New York, NY; Marie Y Jean-Pierre, Hôpital de L'Univ d'État d'Haïti, Port-au-Prince, Haiti; Ernest Benjamin, Icahn Sch of Med at Mount Sinai, New York, NY; Louis-Franck Télémaque, Bernard Pierre, Hôpital de L'Univ d'État d'Haïti, Port-au-Prince, Haiti; Irene Osborn, Isabelle Germano, Icahn Sch of Med at Mount Sinai, New York, NY

Poster Board Number P199 / Presentation Number T P199

Severity-adjusted Re-analysis of the Phase 2 Clear-er Stroke Trial

Opeolu Adeoye, Univ of Cincinnati, Cincinnati, OH; Heidi Sucharew, Jane Khoury, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Pamela Schmit, Univ of Cincinnati, Cincinnati, OH; Thomas M Hemmen, Brett C Meyer, Univ of California San Diego, San Diego, CA; Joseph Broderick, Arthur Pancioli, Univ of Cincinnati, Cincinnati, OH

Experimental Mechanisms and Models Posters II T P200 – T P225

Poster Board Number P200 / Presentation Number T P200

CD13 is an Immune Regulator in the CNS Following Ischemic Stroke

Sami Tarabishy III, Anthony Patrizz III, Nikolas S Mancini, Linda Shapiro, Louise D McCullough, UConn Health Cenger, Farmington, CT

Poster Board Number P201 / Presentation Number T P201

Sequential Treatment With Minocycline and Candesartan Improves Long Term Recovery After Stroke

Sahar Soliman, Tauheed Ishrat, Ami Patel, Abdelrahman Fouda, Univ of Georgia, Augusta, GA; Advive Ergul, Georgia Regents Univ, Augusta, GA; Susan Fagan, Univ of Georgia, Augusta, GA

Poster Board Number P202 / Presentation Number T P202

Crosstalk Between Microglia and T Cells Mediated by FasL After Cerebral Ischemia

Dan Ye, Xiang Chen, Yun Xu, Nanjing Drum Tower Hosp, Nanjing, China

Poster Board Number P203 / Presentation Number T P203

Areas of Cerebral Ischemia Have Increased Propensity to Convert to Infarct Among Diabetics

Wazim Mohamed, Sanath Kasi Reddy, Pratik Bhattacharya, Wayne State University, Detroit, MI

Poster Board Number P204 / Presentation Number T P204

Thioredoxin Interacting Protein: A Novel Target for Neuroprotection in Experimental Thromboembolic Stroke in Mice

Tauheed Ishrat, Univ of Georgia, augusta, GA; Azza B El-Remessy, Univ of Georgia, Augusta, GA; Bindu Pillai, Sahar Soliman, Advive Ergul, Susan C Fagan, Univ of Georgia, augusta, GA

Poster Board Number P205 / Presentation Number T P205

Thrombopoietin Reduces Brain Injury and Cognitive Impairment in Rodent Cerebrovascular Disease Models

Daniel M Rosenbaum, Jin Zhou, Haiyan Zhang, Jie Li, Jiang Zhuang, Carrie Poon, Carrie Poon, Frank C Barone, SUNY Downstate Medical Ctr, Brooklyn, NY

Poster Board Number P206 / Presentation Number T P206

Mkp-1 Inhibition Increases Stroke Injury via JNK Pathway Activation

Lin Liu, Sarah Doran, Yan Xu, Louise McCullough, Jun Li, Univ of Connecticut Health Ctr, Farmington, CT

Poster Board Number P207 / Presentation Number T P207

Matrix Metalloproteinase 3 (MMP3) Exacerbates the Hemorrhagic Transformation in Hyperglycemic Stroke

Sherif Hafez, Univ of Georgia, Augusta, GA; Mohammed Abdelsaid, Nasrul Hoda, Maha Coucha, Georgia regents university, Augusta, GA; Susan Fagan, Univ of Georgia, Augusta, GA; Advive Ergul, Georgia regents university, Augusta, GA

Poster Board Number P208 / Presentation Number T P208

Diabetes Exacerbates Neurovascular And White Matter Disruptions in Older Rats After Stroke

Li Zhang, Michael Chopp, Yanlu Zhang, ye xiong, Zheng Gang Zhang, Henry Ford Hosp, Detroit, MI

Poster Board Number P209 / Presentation Number T P209

SIRT3 is Upregulated During Stroke and Contributes to Ischemic Damage by Depressing the Transcription of Nuclear Genes

Joshua Crapser, Rajkumar Verma, Louise McCullough, Univ of Connecticut Health Ctr, Farmington, CT

Poster Board Number P210 / Presentation Number T P210

Splenectomy Attenuates Sex Differences In Infarct Volume Following Experimental Stroke In Mice

Jianming Wang, Sheetal Bodhankar, Halina Offner, Stephanie J Murphy, Oregon Health & Science Univ, Portland, OR

Poster Board Number P211 / Presentation Number T P211

Reduction of Cerebral Hemorrhage by Dabigatran via Neurovascular Protection after Recanalization with tPA in Ischemic Stroke of Rat

Syoichiro Kono, Kentaro Deguchi, Yoshio Omote, Taijun Yunoki, Toru Yamashita, Tomoko Kurata, Koji Abe, Okayama Univ, Okayama, Japan

Poster Board Number P212 / Presentation Number T P212

The Impact of the Method of Ischemia/reperfusion Injury on Stroke Outcomes in Type 2 Diabetes

Weiguo Li, Zhi Qu, Handong Ma, Georgia Regents Univ, Augusta, GA; Roshini Prakash, Univ of Georgia, Augusta, GA; Md Nasrul Hoda, Georgia Regents Univ, Augusta, GA; Susan C Fagan, Univ of Georgia, Augusta, GA; Advive Ergul, Georgia Regents Univ, Augusta, GA

Poster Board Number P213 / Presentation Number T P213

Post-stroke Administration of Ethanol and Normobaric Oxygen Preserves Oxidative Metabolism by Modulating Pyruvate Dehydrogenase Complex in Transient and Permanent Ischemic Stroke

Omar Elmadhoun, Changya Peng, Xiaokun Geng, Murali Guthikonda, Yuchuan Ding, Wayne State Univ, Detroit, MI

Poster Board Number P214 / Presentation Number T P214

A Multifunctional Nitroxylated Albumin for Early Treatment of Stroke

Carleton J Hsia, Li Ma, SynZyme Technologies, Irvine, CA

Poster Board Number P215 / Presentation Number T P215

Thioredoxin System and Gender Dimorphism After Thromboembolic Stroke

Folami Lamoke, Jianghe Yuan, Manuela Bartoli, Irina Y Sazonova, Georgia Regents Univ, Augusta, GA

Poster Board Number P216 / Presentation Number T P216

Regulation of Neuronal Survival by NMDA Receptor Subunit GluN2C Following Ischemia

Connie Chung, Bo-Shiun Chen, Georgia Regents Univ, Augusta, GA

Poster Board Number P217 / Presentation Number T P217

Neuroprotective Effects of Cilostazol through the Multi-mechanisms in Mice Permanent Focal Ischemia

Hideo Shichinohe, Tomohiro Yamauchi, Hisayasu Saito, Takeo Abumiya, Kiyohiro Houkin, Hokkaido Univ, Sapporo, Japan; Satoshi Kuroda, Univ of Toyama, Toyama, Japan

Poster Board Number P218 / Presentation Number T P218

Peripheral Organ Proteomics, a Novel Approach to Biomarker Discovery for Brain Disorders

Li Cao, Fang Bian, Ezigbobiara Umejiego, Tao Yang, Simon P Simon, An Zhou, Morehouse Sch of Med, Atlanta, GA

Poster Board Number P219 / Presentation Number T P219

Customizing The Secretomes Of Mesenchymal Stem Cells: Implications For Clinical Trials

Osman Mir, Baylor Univ Medical Ctr, Dallas, TX; Kaushik Parsha, UT houston, Houston, TX; Bing Yang, UT Houston, Houston, TX; Patrick Hanely, Adrian Gee, Texas Childrens Hosp, Houston, TX; Jaroslaw Aronowski, UT houston, Houston, TX; Sean Savitz, UT Houston, Houston, TX

Poster Board Number P220 / Presentation Number T P220

Extracellular Matrix Metalloproteinase Inducer (EMMPRN/CD147) and the Immune Response in Stroke

Sarah J Doran, Sami Tarabishy, Lena M O'Keefe, Lori A Capozzi, Sharon E Benashski, Rodney Ritzel, Lauren H Sansing, Louise D McCullough, UConn Health Ctr, Farmington, CT

Poster Board Number P221 / Presentation Number T P221

Effect Of CD4 And CD8 T Lymphocytes On Infarct Volume Following Experimental Stroke In Male Splenectomized Mice

Jianming Wang, Sheetal Bodhankar, Xiaolin Yu, Halina Offner, Stephanie J Murphy, Oregon Health & Science Univ, Portland, OR

Poster Board Number P222 / Presentation Number T P222

Docosahexaenoic Acid as a Promising Neuroprotectant in Brain Ischemia: New Experimental Evidence

Ludmila Belayev, Sung-Ha Hong, Larissa Khoutorova, Daniela Anzola, Louisiana State Univ, New Orleans, LA; Andre Obenaus, Loma Linda Univ, Loma Linda, CA; Nicolas G Bazan, Louisiana State Univ, New Orleans, LA

Poster Board Number P223 / Presentation Number T P223**Role of GSK- 3 β and Transforming Growth Factor- β -activated Kinase in Ischemic Neuroprotection**

Venugopal Reddy Venna, Sharon E Benashski, Louise D McCullough, Univ of Connecticut Health Ctr, Farmington, CT

Poster Board Number P224 / Presentation Number T P224**A Canine Model of Acute Segmental Vertebral Artery Embolism**

Yunfeng Zhang, Bin Du, Weijian Jiang, New Era Stroke Care and Res Inst, Beijing, China

Poster Board Number P225 / Presentation Number T P225**cGMP-Dependent Protein Kinase I in Smooth Muscle Cells Protects Against Stroke Injury in Mice**

Dmitriy Atochin, Massachusetts General Hosp, Charlestown, MA; Emmanuel Buys, Massachusetts General Hosp, Boston, MA; Helen Swanson, Massachusetts General Hosp, Charlestown, MA; Ana Dordea, Dai Fukumura, Massachusetts General Hosp, Boston, MA; Robert Feil, Univ of Tübingen, Tübingen, Germany; Paul L Huang, Massachusetts General Hosp, Charlestown, MA

Intracerebral Hemorrhage Posters II**T P226 – T P243****Poster Board Number P226 / Presentation Number T P226****Novel Technique of Minimally Invasive Image Guided Catheter Evacuation of Spontaneous Basal Ganglia Hemorrhages Results in Improved Hemorrhage Evacuation and Outcome**

Shane A Hawksworth, Jean Louis R Caron, Univ of Texas Health Science Ctr San Antonio, San Antonio, TX

Poster Board Number P227 / Presentation Number T P227**The Safety of Pioglitazone for Hematoma Resolution in IntraCerebral Hemorrhage (SHRINC) Trial: Safety Results**

Nicole R Gonzales, Univ of Texas Medical Sch-Houston, Houston, TX; Navdeep Sangha, Kaiser Permanente Los Angeles, Houston, TX; Teslyn Kauffman, Chuyan Cai, M Rick Sline, Renga Pandurengan, Hui Peng, Univ of Texas Medical Sch-Houston, Houston, TX; Lenis Sosa, Houston Methodist Sugar Land Hosp, Houston, TX; Ritvij Bowry, Maria P Prieto, Univ of Texas Medical Sch-Houston, Houston, TX; M Monir Hossain, Univ of Cincinnati, Cincinnati, OH; Jorge Kawano-Castillo, Univ of Missouri -, Kansas City, MO; Ellie E Choi, Regions Hosp – Health Partners, St Paul, MN; Gustavo D Villamar, Kwami Ofori, Linda A Aramburo-Maldonado, Loren Shen, Univ of Texas Medical Sch-Houston, Houston, TX; Indrani Acosta, Florida Hosp Orlando, Orlando, FL; Mallikarjunarao Kasam, Mayo Clinic, Rochester, MN; Nusrat Harun, MD Anderson Cancer Ctr, Houston, TX; Andrew D Barreto, Tzu-Ching Wu, Amrou Sarraj, Sean I Savitz, George Lopez, Nneka L Ifejika, Univ of Texas Medical Sch-Houston, Houston, TX; Mohammad H Rahbar, Univ of Texas Sch of Public Health at Houston, Houston, TX; Xiurong Zhao, Jaroslaw Aronowski, James C Grotta, Univ of Texas Medical Sch-Houston, Houston, TX

Poster Board Number P228 / Presentation Number T P228**Greater Effect of Early Intensive Blood Pressure Lowering on Hematoma Growth in Non-Chinese Participants in the Interact2 Trial**

Craig Anderson, George Inst GlobalHealth, Sydney NSW, Australia; Yining Huang, Peking Univ First Hosp, Beijing, China; Jiguang Wang, RuiJin Hosp, Shanghai, China; Hisatomi Arima, Emma Heeley, Xia Wang, Richard Lindley, George Inst GlobalHealth, Sydney NSW, Australia; Mark Parsons, John Hunter Hosp, Newcastle NSW, Australia; John Chalmers, George Inst GlobalHealth, Sydney NSW, Australia; the INTERACT2 Investigators

Poster Board Number P229 / Presentation Number T P229**Expression Of ECM-associated Genes In Rat Brains Following Experimental Intracerebral Hemorrhage**

A-Li Yang, Han-Jing Cui, Hua-Junn Zhou, TAO TANG, Central South Univ, Changsha, China

Poster Board Number P231 / Presentation Number T P231**Does Intraventricular Hemorrhage Lead to a Normal Pressure Hydrocephalus-Like Syndrome?**

Andrew J Kruger, Matthew Flaherty, Padmini Sekar, Mary Haverbusch, Charles J Moomaw, Sharyl Martini, Simona Ferioli, Andrew J Ringer, Brett M Kissela, Dawn O Kleindorfer, Joseph P Broderick, Daniel Woo, Univ of Cincinnati, Cincinnati, OH

Poster Board Number P232 / Presentation Number T P232**Brain CD47 Expression in a Piglet Model of Intracerebral Hemorrhage**

Xiang Zhou, Qing Xie, Guohua Xi, Richard F Keep, Ya Hua, Univ of Michigan, Ann Arbor, MI

Poster Board Number P233 / Presentation Number T P233**Intravenous Nicardipine Dosage for Blood Pressure Lowering in Acute****Intracerebral Hemorrhage: The SAMURAI-ICH Study**

Masatoshi Koga, Shoji Arihiro, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Yasuhiro Hasegawa, St Marianna Univ Sch of Med, Kawasaki, Japan; Yoshiaki Shiokawa, Kyorin Univ Sch of Med, Mitaka, Japan; Yasushi Okada, Natl Hosp Organization Kyushu Medical Ctr, Fukuoka, Japan; Kazumi Kimura, Kawasaki Medical Sch, Kurashiki, Japan; Eisuke Furui, Kohnan Hosp, Sendai, Japan; Jyoji Nakagawara, Nakamura Memorial Hosp, Sapporo, Japan; Hiroshi Yamagami, Kobe City General Hosp, Kobe, Japan; Kazuomi Kario, Jichi Medical Univ Sch of Med, Shimotsuke, Japan; Satoshi Okuda, Natl Hosp Organization Nagoya Medical Ctr, Nagoya, Japan; Keisuke Tokunaga, Hotake Takizawa, Junji Takasugi, Kazuyuki Nagatsuka, Kazuo Minematsu, Kazunori Toyoda, Natl Cerebral and Cardiovascular Ctr, Suita, Japan

Poster Board Number P234 / Presentation Number T P234**Cell Cycle Inhibition via Blocking Src Family Kinases Promotes Hippocampal Neuron Survival and Improves Cognitive Function after Intraventricular Hemorrhage**

DaZhi Liu, Bradley P Ander, UC davis, Dept of Neurology, Sacramento, CA; Ken Van, Ali Izadi, UC davis, Dept of Neurosurgery, Sacramento, CA; Xinhua Zhan, Boryana Stamova, Glen C Jickling, UC davis, Dept of Neurology, Sacramento, CA; Robert F Berman, UC davis, Dept of Neurosurgery, Sacramento, CA; Bruce G Lyeth, Frank R Sharp, UC davis, Dept of Neurology, Sacramento, CA

Poster Board Number P235 / Presentation Number T P235**Clinical Significance of Continuous Antihypertensive Therapy Throughout the Initial 24 Hours in Hyperacute Intracerebral Hemorrhage: The Samurai-ich Study**

Junpei Kobayashi, Masatoshi Koga, Eijiro Tanaka, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Yasushi Okada, Natl Hosp Organization Kyushu Medical Ctr, Fukuoka, Japan; Kazumi Kimura, Kawasaki Medical Sch, Kurashiki, Japan; Hiroshi Yamagami, Kobe City 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 Shiokawa, 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 Sch of Med, Shimotsuke, Japan; Takuya Okata, Shoji Arihiro, Shoichiro Sato, Kazuyuki Nagatsuka, Kazuo Minematsu, Kazunori Toyoda, Natl Cerebral and Cardiovascular Ctr, Suita, Japan

Poster Board Number P236 / Presentation Number T P236**Safety of Venous Thromboembolism Prophylaxis in Intracranial Hemorrhage Patients with External Ventricular Drains**

Jennifer A Frontera, Cleveland Clinic, Cleveland, OH; Maximo Jovine, Mount Sinai, New York, NY; Victor Zach, John C Lincoln North Mountain Hosp, Phoenix, AZ; Errol Gordon, Mount Sinai, New York, NY

Poster Board Number P237 / Presentation Number T P237**Alpha-4 Integrin Mediates Inflammatory Monocyte Trafficking to the Brain After Intracerebral Hemorrhage**

William Ambler, Matthew Hammond, Roslyn Taylor, Lauren Sansing, Youxi Ai, University of Connecticut Sch of Med, Farmington, CT

Poster Board Number P238 / Presentation Number T P238**Microglial CX3CR1 Required for M2 Polarization and Recovery After Intracerebral Hemorrhage**

Roslyn A Taylor, Matthew D Hammond, Youxi Ai, Lauren H Sansing, Univ of Connecticut Health Ctr, Farmington, CT

Poster Board Number P239 / Presentation Number T P239**Utilization and Outcomes of Ventriculostomy in Non-Traumatic Intracerebral Hemorrhage During Last Decade in United States**

Yogesh Moradiya, Johns Hopkins Univ, Baltimore, MD; Sumul Modi, Henry Ford Hosp, Detroit, MI

Poster Board Number P240 / Presentation Number T P240**Sex-specific Differential Gene Expression In A Murine Model Of Experimental Intracerebral Hemorrhage**

Sankalp Gokhale, Dawn Kernagis, Beilei Lei, Yi-Ju Li, David Warner, Daniel Laskowitz, Michael James, Duke Univ Sch of Med, Durham, NC

Poster Board Number P241 / Presentation Number T P241**Deletion of PGE2 EP1 Receptor Results in Reduced Phagocytosis and Exacerbates Hemorrhagic Injury**

Nilendra Singh, Bo Ma, Christopher C Leonardo, Abdullah S Ahmad, Univ of Florida, Gainesville, FL; Shuh Narumiya, Kyoto Univ, Kyoto, Japan; Sylvain Dore, Univ of Florida, Gainesville, FL

Poster Board Number P242 / Presentation Number T P242

High Mortality Rates Among Acute Intracerebral Hemorrhage Patients With PT-INR Vales Of More Than 20 Taking Warfarin

Shinji Yamashita, Noriko Matsumoto, Naoki Saji, Jun-ichi Uemura, Kensaku Shibazaki, Kazumi Kimura, Kawasaki Medical Sch, Kurashiki, Japan

Poster Board Number P243 / Presentation Number T P243

Mortality Among Transferred Hemorrhagic Stroke Patients in United States: An Analysis From National Database

Malik M Adil, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN; Shyam Prabhakaran, Feinberg Sch of Med, Chicago, IL

Nursing Posters II

T P244 – T P283

Poster Board Number P244 / Presentation Number T P244

Risk Factors Of Delirium During Acute Phase After A Stroke Screened By The Intensive Care Delirium Screening Checklist

Emika Ishida, Tomoyuki Kamata, Haruna Shibamoto, Miyuki Shinchii, Sakura Kusunoki, Hiroaki Yokote, Yohei Sato, Osamu Tone, Japanese Red Cross Musashino Hosp, Tokyo, Japan

Poster Board Number P245 / Presentation Number T P245

Time to Percutaneous Endoscopic Gastrostomy (PEG) Placement and National Institutes of Health Stroke Scale (NIHSS) Correlations in Acute Ischemic Stroke (AIS)

Christopher T Bajkiewicz, Katherine Afshar-Clarkson, Scripps Health, La Jolla, CA; Lindsay Olson, Scripps Health, San Diego, CA; Lynn Berger, Renee Richetts, Scripps Health, La Jolla, CA

Poster Board Number P246 / Presentation Number T P246

Mode of Arrival for Acute Stroke Patients Directly Impacts Emergency Care Delivery

Kelly L Arnold, Logan McDaniel, Mary Jo Deprey, St Mary's Hosp, Grand Junction, CO

Poster Board Number P247 / Presentation Number T P247

An Interdisciplinary Approach Using A Root Cause Analysis To Decrease Door to IV tPA Times

Kimberly Ballard, Janice Weinhardt, Summa Akron City Hosp, Akron, OH

Poster Board Number P248 / Presentation Number T P248

All Wrapped Up in a Bundle: Aultman Hospital's Journey with the Bundled Payment for Care Improvements in Stroke

Angela M McGee, Jennifer M Brackman, Aultman Hosp, Canton, OH

Poster Board Number P249 / Presentation Number T P249

Improving Door to Needle Times With Emergency Medical Services Collaboration

Kimberly M Smith, Susan M Gaunt, Gwinnett Medical Ctr, Lawrenceville, GA

Poster Board Number P250 / Presentation Number T P250

The Impact of a Stroke Navigator in Decreasing Readmission Rates

Andrea Eudy, Joan Mesler, Arvind Vasudevan, Chut Sombutmai, Angela Reid, Lindsay Leahy, CMC-NorthEast, Concord, NC

Poster Board Number P251 / Presentation Number T P251

Factors for Delayed Medical Care Seeking among Elderly Stroke Patients in Korea

Jeongha sim, Jeonju Univ, Jeonju, Korea, Republic of; Dongchoon Ahn, Chonbuk Natl Univ, Jeonju, Korea, Republic of; cha-nam shin, ASU, phoenix, AZ

Poster Board Number P252 / Presentation Number T P252

Improving Quality of Care and Outcomes in the Community Through the Inclusive Collaboration Between a Certified Comprehensive Stroke Center and Regional Hospitals

Janine M Mazabob, Suzan Styron, Gerard Brown, Monica Jones-Brown, St Luke's Episcopal Hosp, Houston, TX; Jose Suarez, Eric Bershad, Chethan Venkatasubba Rao, Baylor Coll of Med, Houston, TX

Poster Board Number P253 / Presentation Number T P253

A Quality Improvement Project to Improve Stroke Assessment Adherence for Patients After Surgical or Interventional Radiology Intervention

Tovah R Adler, Alexandra Graves, Christy Casper, Stephanie Cox, William Jones, Robert Neumann, Franklin Newsome, Kimberly Rapp, Doreen Smith, Kathi Waite, Univ of Colorado Hosp, Denver, CO

Poster Board Number P254 / Presentation Number T P254

Bedside Video Transfer Report: National Institutes of Health Stroke Scale (NIHSS)

Michele Pullano, Laura E Stack, Reading Health System, West Reading, PA

Poster Board Number P255 / Presentation Number T P255

Post-Stroke Care in a Rural Community; Need For Improvement

Ann M Kline, Pauline Rankin, Christine Perry, James McLaughlin, UPMC Northwest, Seneca, PA

Poster Board Number P256 / Presentation Number T P256

Effective Strategy For Implementation Of Swallowing Assessment In The Acute Stage Of Stroke

Susanne Z Schaarup, Hanne Christensen, Copenhagen Univerity Hosp, Copenhagen, Denmark

Poster Board Number P257 / Presentation Number T P257

Intramural Competition Significantly Reduces Door-to-Needle Time: Results From Adventist National Stroke Forum Door-to-Needle Time Challenge Process Improvement Project

Evan Allen, Rhonda Lovec, Florida Hosp Neuroscience Inst, Orlando, FL; Cason Jones, Adventist Health System, Altamonte Springs, FL; Indrani Acosta, Florida Hosp Neuroscience Inst, Orlando, FL; Kathryn Lubben, Adventist Hinsdale Hosp, Hinsdale, IL; Melissa Grace, Shawnee Mission Medical Ctr, Shawnee Mission, KS; Barbara VanCattenburch, Florida Hosp Zephyrhills, Zephyrhills, FL; Michelle Jocson, Glendale Adventist Medical Ctr, Glendale, CA; Joshua D Claunch, Florida State Univ Coll of Med, Orlando, FL; Donald Richards, Florida Hosp Neuroscience Inst, Orlando, FL; Paul Garrett, Adventist Health System, Altamonte Springs, FL; Adnan I Qureshi, Zeenat Qureshi Stroke Inst, St Cloud, MN

Poster Board Number P258 / Presentation Number T P258

Improving Nursing Practice Through Telestroke Partnerships

Kathy Morrison, Jennifer Humbert, Penn State Hershey Medical Ctr, Hershey, PA

Poster Board Number P259 / Presentation Number T P259

What Should Really be Happening to Our Stroke Patients Post-Acute Care?: A System Best Practice Model for Inpatient Rehab

Shelley Sharp, Toronto West Stroke Network, Toronto, ON, Canada; Elizabeth Linke-wich, North & East GTA Stroke Network, Toronto, ON, Canada; Jacqueline Willems, South East Toronto Stroke Network, Toronto, ON, Canada; Nicola Tahair, Toronto Stroke Networks, Toronto, ON, Canada; Charissa Levy, GTA Rehab Network, Toronto, ON, Canada; Mark Bayley, Univ Health Network – Toronto Rehab, Toronto, ON, Canada

Poster Board Number P260 / Presentation Number T P260

Utilizing Concurrent Chart Review With Electronic Medical Record to Improve Stroke Core and Quality Measures

Jenny Fung, Mills Peninsula Health Services, a Sutter affiliate, Burlingame, CA

Poster Board Number P261 / Presentation Number T P261

Non-Contrast Head CT Prior to Comprehensive Neurological Evaluation Reduces Door to Needle Times for Administration of Intravenous rtPA

Lesia Mooney, Suzanne Shaw, Kevin Barrett, Carol Raper, Mayo Clinic, Jacksonville, FL

Poster Board Number P262 / Presentation Number T P262

Door To Needle Times Reduced With Enhanced Brain Attack Activation

Charles Barbera, Timothy Marks, Anthony Martin, Kristen Sandel, Mary Bilotta, Reading Health System, West Reading, PA

Poster Board Number P263 / Presentation Number T P263

Nursing Leadership Teach-Back Initiative Improves Stroke Patient Satisfaction Scores

Julie M Fussner, Erin Supan, Danielle Sindelar, Christopher Murphy, Natalie Smith, Edward Kuzma, Univ Hosp Case Medical Ctr, Cleveland, OH

Poster Board Number P264 / Presentation Number T P264

Start the Clock- Stop the Clot- Decreasing Door to tPA Times

Cheryl Deitch, Jennifer Cummins, Riddle Hosp, Media, PA

Poster Board Number P265 / Presentation Number T P265

Optimizing Team Expertise to Improve Door to Drug Times for Ischemic Stroke

Denise Sorenson, Randi B Raynor, Presbyterian Hosp, Charlotte, NC

Poster Board Number P266 / Presentation Number T P266**Training and Certification of Research Teams Across Countries: The INDO-US Project Experience**

Tijj K Thankachan, Massachusetts General Hosp, Boston, MA; Deepti Arora, Jeyaraj D Pandian, Christian Medical Coll and Hosp, Ludhiana, India; PN Sylaja, Sree Chitra Thirunal Inst of Medical Sciences and Technology, Trivandrum, India; Subash Kaul, Nizam's Inst of Medical Sciences, Hyderabad, India; Vasantha Padma, All India Inst of Medical Sciences, New Delhi, India; Dheeraj Khurana, Postgraduate Inst of Medical Education & Res, Chandigarh, India; Aneesh B Singhal, Massachusetts General Hosp, Boston, MA

Poster Board Number P267 / Presentation Number T P267**Development of an EMS Interfacility Ground Transport Protocol for Patients During/After IV tPA Administration for Acute Ischemic Stroke**

Kerrin Connelly, Rishi Gupta, Raul Nogueira, Arthur Yancey, Alexander Isakov, Grady Memorial Hosp, Atlanta, GA; Michael Colman, Grady EMS, Atlanta, GA; Julio Lairet, Michael Jernigan, Marty Billings, Metro Atlanta Ambulance Service, Marietta, GA; J Patrick O'Neal, Keith Wages, Lydia Clarkson, James Lugtu, Georgia Dept of Public Health, Atlanta, GA; Deb Camp, Atlanta Medical Ctr, Atlanta, GA; Susan Gaunt, Gwinnett Medical Ctr, Lawrenceville, GA; Teri Newsome, Habersham Medical Ctr, Demorest, GA; Holly Hula, Georgia Regents Medical Ctr, Augusta, GA; Kerrie Krompf, Georgia Coverdell Acute Stroke Registry, Atlanta, GA; Michael R Frankel, Grady Memorial Hosp, Atlanta, GA

Poster Board Number P268 / Presentation Number T P268**Restarting Antihypertensive Medications in Acute Ischemic Stroke (AIS) with Pre-Existing Diagnosis of Hypertension: What is the Current Practice and Trends?**

Lynn D Berger, Scripps Health, Encinitas, CA; Lindsay Olson-Mack, Scripps Health, San Diego, CA; Christopher Bajkiewicz, Katherine Clarkson, Renee Richetts, Scripps Health, La Jolla, CA

Poster Board Number P269 / Presentation Number T P269**Validation of Telephone Assessment for a Portuguese Version of the Modified Rankin Scale With Brazilian Stroke Patients**

Jussara A Oliveira Baggio, Taiza E Grespan Santos-Pontelli, Pedro Telles Cougo-Pinto, Nathalia Figueiredo Silva, Laura Machado, Paula Estevão Antunes, João Pereira Leite, Octávio Marques Pontes-Neto, São Paulo Univ, Ribeirão Preto, Brazil

Poster Board Number P270 / Presentation Number T P270**Effectiveness of National Institute of Health Stroke Scale Training**

Amy Jones, Gladys Campbell, Novant Health Forsyth Medical Ctr, Winston-Salem, NC

Poster Board Number P271 / Presentation Number T P271**Telestroke Alaska – Evidence Based Care Across the Great Frontier**

Christie E Artuso, Providence Alaska Medical Ctr, Anchorage, AK

Poster Board Number P272 / Presentation Number T P272**Improving Staff Nurse Confidence in Responding to Inpatient Stroke**

Jodie L Beidatsch, Paul S Vilar, Kristin M Anagnostopoulos, Aurora St Luke's South Shore, Cudahy, WI

Poster Board Number P273 / Presentation Number T P273**Development and Impact of the Midwest Stroke Action Alliance**

Elizabeth Kim, Alexian Brothers Health System, Elk Grove Village, IL; Lynn Klassman, Advocate Lutheran General Hosp, Park Ridge, IL; Mary Kay Jennrich, Advocate Good Samaritan Hosp, Downers Grove, IL; Deborah Rossman, Alexian Brothers Health System, Elk Grove Village, IL; Sandra Hoelzel, Presence Resurrection Medical Ctr, Chicago, IL; Minna B Masor, Advocate Illinois Masonic Medical Ctr, Chicago, IL; Ginger Reilly, Alexian Brothers Health System, Elk Grove Village, IL; Kathleen O'Neill, American Heart Association, Midwest Affiliate, Chicago, IL; on behalf of the Midwest Stroke Action Alliance

Poster Board Number P274 / Presentation Number T P274**Stroke Mimics in Telestroke**

Rayetta K Johnson, Wake Forest Baptist Medical Ctr, Winston-Salem, NC

Poster Board Number P275 / Presentation Number T P275**Hospital's Role In Community Stroke Risk Screening**

Rachel Catinella, Heath Biller, Beth Heinbeck, Kristin Pugh, Sarah Bratt, Kristen Bilek, Theresa M Price, Spectrum Health Hosp, Grand Rapids, MI

Poster Board Number P276 / Presentation Number T P276**Calling Stroke Alert: Does It Make a Difference in the Chain of Survival?**

Cristine W Small, Vidant Medical Ctr, Greenville, NC; Donald L Price, Jeffrey D Ferguson, East Carolina Univ, Greenville, NC; Lawrence I Madubeze, Susan D Freeman, Vidant Medical Ctr, Greenville, NC

Poster Board Number P277 / Presentation Number T P277**Time Out: Safe Patient Transition Pre-Hospital to Hospital**

Tony Nunn, Bradley Barth, David Bram, Janice Sandt, Seamus Murphy, The Univ of Kansas Hosp, Kansas City, KS; David M Ediger, Miami County EMS, Paola, KS; Colleen Lechtenberg, The Univ of Kansas Hosp, Kansas City, KS; Brian R Smith, Kansas City Fire Dept, Kansas City, KS; Rick Blevins, The Univ of Kansas Hosp, Kansas City, KS

Poster Board Number P278 / Presentation Number T P278**HASTe: A Team Approach to Improving Pre-Hospital and ED Delays in Stroke Care**

Melissa Dofredo, Angela West, Long Beach Memorial, Long Beach, CA

Poster Board Number P279 / Presentation Number T P279**Recognizing Depression in the Stroke Patient**

Rose M Donnelly, Jo-Ann Burns, Barnes-Jewish Hosp, Saint Louis, MO

Poster Board Number P280 / Presentation Number T P280**The Relationship between the State of Preparedness, Social Support, Coping Strategies, and Family Circumstances of Family Caregivers of Stroke Patients before Transition to Home in Japan**

Miyoko Hayashi, Tenri Health Care Univ, Tenri, Japan

Poster Board Number P281 / Presentation Number T P281**Facilitating Best Practices in Rehabilitation for Persons With Stroke: Use of a Triage Tool in Toronto**

Shelley Sharp, Toronto West Stroke Network, Toronto, ON, Canada; Jacqueline Willems, South East Toronto Stroke Network, Toronto, ON, Canada; Elizabeth Linkewich, North & East GTA Stroke Network, Toronto, ON, Canada; Nicola Tahair, Toronto Stroke Networks, Toronto, ON, Canada; Charissa Levy, GTA Rehab Network, Toronto, ON, Canada; Mark Bayley, Univ Health Network – Toronto Rehab, Toronto, ON, Canada

Poster Board Number P283 / Presentation Number T P283**Developing a Stroke Survivor Peer Visitor Program in a Community Hospital**

Christina Andrade, Janet Goulson, Kaiser Permanente, Santa Rosa, CA

Outcomes, Quality and Health Services Research Posters II	T P284 – T P320
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Poster Board Number P284 / Presentation Number T P284**Use of Lean Six Sigma in a Primary Stroke Center: Improving the Time to Care**

Patricia D Giannelli, Quinnipiac Univ, North Haven, CT

Poster Board Number P285 / Presentation Number T P285**In-hospital Complications Affected Stroke Recurrence in Patients With Ischemic Stroke**

Penglian Wang, Xingquan Zhao, Yongjun Wang, Liping Liu, Anxin Wang, Ruijun Ji, Yilong Wang, Wanliang Du, Kehui Dong, Beijing Tiantan Hosp, Beijing, China; the China National Stroke Registry (CNSR) investigators

Poster Board Number P286 / Presentation Number T P286**Comparison of Neuro-QOL Physical Function and modified Rankin Scale in Stroke**

Rajbeer S Sangha, Upstate Medical Univ (SUNY), Syracuse, NY; Carlos Corado, Deborah Bergman, Yvonne Curran, Richard Bernstein, David Cella, Andrew Naidech, Shyam Prabhakaran, Northwestern Univ, Chicago, IL

Poster Board Number P287 / Presentation Number T P287**Reasons for Delays in Door to Needle Time**

Eric E Smith, Devika Kashyap, Victoria Bohm, Michael D Hill, Andrew M Demhuk, Univ of Calgary, Calgary, AB, Canada; for the HASTE-2 Investigators

Poster Board Number P288 / Presentation Number T P288**Improvement of Door to Groin Time for Endovascular Therapy in Acute Ischemic Stroke Using Quality Improvement Methods**

Jennifer R Simpson, Alexandra Graves, Annie N Burrus, David E Case, Christina J Denton, Laurel Gebhard, Univ of Colorado Hosp, Aurora, CO; Matthew D Grant, Univ of Colorado, Aurora, CO; Doreen A Smith, Rajan K Gupta, Univ of Colorado Hosp, Aurora, CO

Poster Board Number P289 / Presentation Number T P289**Genetic variation in the sulfonyleurea receptor 1 (Sur1)-regulated NCCa-ATP channel and stroke outcome: The Genetics of Early Onset Stroke Study**

John W Cole, Kathleen A Ryan, Yu-Ching Cheng, UMD SOM, Baltimore, MD; Deborah Koontz, Christopher J Bean, Margaret Gallagher, W Craig Hooper, CDC, Atlanta, GA; Patrick McArdle, Jeffrey R O'Connell, O Colin Stine, Marcella A Wozniak, Barney J Stern, Braxton D Mitchell, Steven J Kittner, J Marc Simard, UMD SOM, Baltimore, MD

Poster Board Number P290 / Presentation Number T P290**Predictors of Outcome in Patients Presenting with Acute Ischemic Stroke and Mild Stroke Scale Scores**

Cynthia Kenmuir, Maxim Hammer, Tudor Jovin, Vivek Reddy, Lawrence Wechsler, Ashutosh Jadhav, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA

Poster Board Number P291 / Presentation Number T P291**Impact of Diastolic Dysfunction for Predicting Mortality in Ischemic Stroke and Transient Ischemic Attack Patients**

Yohei Tateishi, Akira Tsujino, Jumpei Hamabe, Osamu Tasaki, Nobutaka Horie, Tsuyoshi Izumo, Kentaro Hayashi, Izumi Nagata, Koji Maemura, Nagasaki Univ Hosp, Nagasaki, Japan

Poster Board Number P292 / Presentation Number T P292**Baseline Infarct Volume Predicts Disability in TIA and Minor Stroke Patients**

Negar Asdaghi, Univ of British Columbia, Vancouver, BC, Canada; jonathan Coulter, Univ of Calgary, Calgary, AB, Canada; Jayish Modi, Dept of radiology, Univ of Calgary, Calgary, AB, Canada; Abdul Qazi, Dept of Clinical Neurosciences, Calgary Stroke program, Calgary, AB, Canada; Mayank Goyal, Dept of radiology, Dept of Clinical Neurosciences, Calgary Stroke program, Calgary, AB, Canada; Kenneth S Butcher, Division of Neurology, Univ of Alberta, Edmonton, AB, Canada; Shelagh B Coutts, Dept of Clinical Neurosciences, Calgary Stroke program, Vancouver, AB, Canada

Poster Board Number P293 / Presentation Number T P293**Determinants of Early Withdrawal of Care in Patients Who Die During Index Hospitalization for Acute Ischemic Stroke**

Neil Wingkun, Harvard Sch of Public Health, Boston, MA; Syed F Ali, Tijj K Thankachan, Lee H Schwamm, Aneesh B Singhal, Massachusetts General Hosp/Harvard Medical Sch, Boston, MA

Poster Board Number P294 / Presentation Number T P294**Systematic Implementation of a Multi-Hospital Rapid TIA Evaluation Protocol Reduces Unnecessary Admissions**

Khamid Bakhadirov, Ali Razmara, Syed F Ali, Laura B Hand, Josephine S Elias, Massachusetts General Hosp, Boston, MA; Steven K Feske, Brigham and Women's Hosp, Boston, MA; Avraham Almozilino, Newton-Wellesley Hosp, Newton, MA; Lee H Schwamm, Massachusetts General Hosp, Boston, MA

Poster Board Number P295 / Presentation Number T P295**Identifying Unmet Needs 30-days Following Ischemic Stroke: The Post Stroke Checklist**

Kathy Morrison, Raymond K Reichwein, Penn State Hershey Medical Ctr, Hershey, PA; Vernon M Chinchilli, John M Graybeal, Julie M Vonhauser, Xue Feng, Penn State Coll of Med, Hershey, PA; David C Good, Penn State Hershey Medical Ctr, Hershey, PA

Poster Board Number P296 / Presentation Number T P296**Diagnostic Testing in Acute Stroke Patients – The Weekend Waiting Game**

Sally V Mathias, Jessica D Lee, Univ of Kentucky, Lexington, KY

Poster Board Number P297 / Presentation Number T P297**The Minimum Data Set: A Tool for Nationwide Assessment of Readmission After Ischemic Stroke**

Corey R Fehnel, Rhode Island Hosp/Brown Univ Alpert Medical Sch, Providence, RI; Yoojin Lee, Vincent Mor, Brown Univ, Providence, RI

Poster Board Number P298 / Presentation Number T P298**A Comparison of Stroke Time Targets for In-Hospital Versus Emergency Department Ischemic Stroke Patients at a Primary Stroke Center**

Deborah R Lee-Ekblad, Nan Meyers, Kelly Becker, Borgess Medical Ctr, Kalamazoo, MI; Milind Chinoy, Brandon Lawrence, Western Michigan Univ, Kalamazoo, MI; Jeffrey Wilt, Borgess Medical Ctr, Kalamazoo, MI

Poster Board Number P299 / Presentation Number T P299**Effects of Quality Improvement Initiative on Time to Intra-Arterial Therapy in Acute Ischemic Stroke**

Stephanie E Holmes, James J Connors, Shawna Cutting, Sarah Y Song, Michael Chen, Demetrius Lopes, Roham Moftaker, Kiffon Keigher, Wendy Stark-Riemer, Elizabeth Diebolt, Valerie Toll, Vivien H Lee, Rush Univ Medical Ctr, Chicago, IL

Poster Board Number P300 / Presentation Number T P300**Stroke after Aortic Valve Surgery Increases Billing and Length of Stay**

Steven R Messe, Michael A Acker, Scott E Kasner, Michel Bilello, Wilson Y Szeto, Y Joseph Woo, Joseph E Bavaria, Molly Fanning, Univ of Pennsylvania, Philadelphia, PA; Tania Giovannetti, Temple Univ, Philadelphia, PA; Thomas F Floyd, State Univ of New York, Stony Brook, NY; the Deteremining Neurologic Outcomes from Valve Operations (DeNOVO) investigators

Poster Board Number P301 / Presentation Number T P301**Annual Ischemic and Hemorrhagic Stroke Costs in an Atrial Fibrillation Population from a Health Plan Perspective**

Matthew Sussman, Iris Lin, Boston Health Economics, Inc, Waltham, MA; Winghan J Kwong, Daiichi Sankyo, Inc, Parsippany, NJ; Michael Munsell, Mark Friedman, Boston Health Economics, Inc, Waltham, MA; Magdy Selim, Beth Israel Deaconess Medical Ctr, Boston, MA; Joseph Menzin, Boston Health Economics, Inc, Waltham, MA

Poster Board Number P302 / Presentation Number T P302**Analysis of Publicly Available CMS Data on Hospital Charges and Reimbursements for Stroke Care**

Roopie Unia, Adam Kelly, Robert Holloway, Univ of Rochester Medical Ctr, Rochester, NY

Poster Board Number P303 / Presentation Number T P303**Recent Rise in Stroke-Related Emergency Department Visits by Young and Middle-aged Adults in the United States**

Wenyu Sun, andrea boan, Bruce Ovbiagele, Robert J Adams, Charles Ellis, Daniel Lackland, Wuwei (Wayne) Feng, Medical Univ of South Carolina, Mount Pleasant, SC

Poster Board Number P304 / Presentation Number T P304**Disordered Attention May Persist After Resolution of Post-Stroke Delirium**

Eric M Liotta, Carlos Corado, Deborah L Bergman, Richard A Bernstein, Fan Z Caprio, Yvonne Curran, James C Guth, Matthew B Maas, Andrew M Naidech, Shyam Prabhakaran, Northwestern Memorial Hosp, Chicago, IL

Poster Board Number P305 / Presentation Number T P305**Fragmented Care Among Stroke Patients at 4 Chicago Hospitals**

Carlos Corado, John Cashy, Abel Kho, Shyam Prabhakaran, Northwestern Univ, Chicago, IL

Poster Board Number P307 / Presentation Number T P307**Return to Driving Following Stroke**

Shelly Ozark, Andrea D Boan, Tanya N Turan, Charles Ellis Jr, Daniel T Lackland, David L Bachman, Medical Univ of South Carolina, Charleston, SC

Poster Board Number P308 / Presentation Number T P308**Re-assessment Of Lipid Profiles In Stroke Patients Post-hospital Discharge – Room For Improvement**

Michael P Phelan, Irene Katzan, Jesse Schold, John Sharp, Gary W Procop, Cleveland Clinic, Cleveland, OH

Poster Board Number P309 / Presentation Number T P309**Cost Effectiveness for Intra-arterial Stroke Therapy Achieved with Image-based Selection and not with Type of Device**

Brenda Reese, Scott Young, Kevin Stands, William Hicks, Jennifer Mejilla, Riverside Methodist Hosp, Columbus, OH; Rishi Gupta, Wellstar Neurosurgery, Marietta, GA; Tom Davis, Peter Pema, Ron Budzik, Nirav A Vora, Riverside Methodist Hosp, Columbus, OH

Poster Board Number P310 / Presentation Number T P310**The Acute Carotid Clinic: A Paradigmatic Shift to Facilitate Reduced Wait Times for Carotid Artery Stenting in Ontario**

David Turkel-Parrella, Airton Leonardo Manoel, Thomas R Marotta, Walter Montanera, Dipanka Sarma, Aditya Bharatha, Zul Kaderali, Adrienne Weeks, Khaled Effendi, David Ben-Israel, Julian Spears, Univ of Toronto, Toronto, ON, Canada

Poster Board Number P311 / Presentation Number T P311**Prospective Assessment of Medical Decision-Making Capacity in Stroke Patients using a Rapid Standardized Questionnaire: Can My Patient Consent for Treatment or Clinical Trial?**

Kimberly Feng, Cheryl Person, Univ of Texas Health Science Ctr at Houston, Houston, TX; Jacqueline Phillips-Sabol, Univ of Texas Health Science Ctr, Houston, TX; Bethany R Williams, Chunyan Cai, Amber Jacobs, Hari Indupuru, Linda Aramburo-Maldonado, Loren Shen, James C Grotta, Andrew D Barreto, Univ of Texas Health Science Ctr at Houston, Houston, TX

Poster Board Number P312 / Presentation Number T P312**The Addition of the Post Stroke Checklist to Standard Outcome Measures Provides Unique Information Relevant to Stroke Recovery**

Raymond K Reichwein, Kathy J Morrison, Penn State Hershey Medical Ctr, Hershey, PA; Vernon M Chinchilli, John M Graybeal, Julie M Vonhauser, Xue Feng, Penn State Coll of Med, Hershey, PA; David C Good, Penn State Hershey Medical Ctr, Hershey, PA

Poster Board Number P313 / Presentation Number T P313**Sensitivity of ICD-9 Discharge Codes to Identify TIA Cases in 4 Community-Based Emergency Departments**

Matthew J Reeves, Mojdeh Nasiri, Michigan State Univ, East Lansing, MI; Ted Glynn, Sparrow Hosp, Lansing, MI; Mary Hughes, Michigan State Univ, East Lansing, MI; Rashmi Kothari, Michigan State Univ, Kalamazoo, MI; John A Oostema, Michael Brown, Michigan State Univ, Grand Rapids, MI

Poster Board Number P314 / Presentation Number T P314

Hemorrhagic Stroke Model to Predict In-House Mortality: A Single Center Cross-Validation Study

Sandra Yan, Columbia Univ Medical Ctr, New York, NY; Elvis Camacho, Columbia Univ Coll of Physicians and Surgeons, New York, NY; Samuel Bruce, Christopher Kellner, Jan Claassen, Michael Schmidt, Edward Connolly, Columbia Univ Medical Ctr, New York, NY

Poster Board Number P315 / Presentation Number T P315

Intra-Arterial Treatment: Long-Term Mortality and Effect of Hospitals

James F Burke, William J Meurer, Eric E Adelman, Univ of Michigan, Ann Arbor, MI; Lewis B Morgenstern, Univ of Michigan, Ann Arbor, MI

Poster Board Number P316 / Presentation Number T P316

Are AHA/ASA Stroke Guidelines Evident Enough?

Swaroop A Pawar, Andrea Boan, Medical Univ of South Carolina, Charleston, SC; M Kamran Athar, Thomas Jefferson Univ Hosp, Philadelphia, PA; Tanya Turan, Medical Univ of South Carolina, Charleston, SC

Poster Board Number P317 / Presentation Number T P317

Diagnostic Imaging Performed in TIA Patients Identified in the Emergency Department: Frequency, Yield and Relationship to 90-Day Outcomes

Mojdeh Nasiri, Michigan State Univ, East Lansing, MI; John A Oostema, Michael Brown, Michigan State Univ, Grand Rapids, MI; Jacob Pratt, Matthew J Reeves, Michigan State Univ, East Lansing, MI

Poster Board Number P318 / Presentation Number T P318

Comparative Effectiveness of tPA on 6 Month, Patient-Centered Outcomes: A Pilot Analysis

Catherine E Lang, Marghuretta D Bland, Maurizio Corbetta, Jin-Moo Lee, Washington Univ, St Louis, MO

Poster Board Number P319 / Presentation Number T P319

Reducing Health Disparities for African-American Men: Under-Recognized Factors in Stroke Recovery

Carol Blixen, Adam Perzynski, MetroHealth Medical Ctr, Cleveland, OH; Shirley Moore, Case Western Reserve Univ, Cleveland, OH; Cathy Sila, Univ Hosp Case Medical Ctr, Cleveland, OH; Svetlana Pundik, Louis Stokes VA Hosp, Cleveland, OH; Kathleen Smyth, Curtis Tatsuoaka, Case Western Reserve Univ, Cleveland, OH; Martha Sajatovic, Univ Hosp Case Medical Ctr, Cleveland, OH

Poster Board Number P320 / Presentation Number T P320

Echocardiographic and Clinical Parameters Associated with Adverse Long-Term Outcomes in Non-Hemorrhagic Stroke Patients: Prediction Model Development and Validation

Avinash Murthy, Jaspreet Arora, Le Du, Batyrjan Bulibek, Leigh Cagino, Hussian Khawaja, Mikhail Torosoff, Albany Med Ctr, Albany, NY

Pediatric Stroke Posters II

T P321 – T P328

Poster Board Number P321 / Presentation Number T P321

Perinatal Stroke in the Canadian Cerebral Palsy Registry: Disease-Controlled Risk Factor Analysis

Elizabeth Williams, Alberta Children's Hosp, Calgary, AB, Canada; Maryam Oskoui, Lynn Dagenais, Michael Shevell, Montreal Children's Hosp, Montreal, QC, Canada; Adam Kirton, Alberta Children's Hosp, Calgary, AB, Canada; Canadian CP Registry Investigators

Poster Board Number P322 / Presentation Number T P322

In-hospital Outcomes of Acute Ischemic Stroke in the Pediatric Population

Deena Nasr, Alejandro Rabinstein, Waleed Brinjikji, Mayo Clinic, Rochester, MN

Poster Board Number P323 / Presentation Number T P323

National Trends in Utilization and Outcomes of Intravenous Thrombolytic Treatment Among Pediatric Patients With Acute Ischemic Stroke in United States
Saqib A Chaudhry, Michigan State Univ, East Lansing, MI; Taqi T Zafar, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN; Mohammad Afzal, Michigan State Univ, East Lansing, MI; Malik M Adil, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN; Gautam Sachdeva, Vishal Jani, Swaroop Pawar, Syed I Hussain, Michigan State Univ, East Lansing, MI; Adnan I Qureshi, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN

Poster Board Number P324 / Presentation Number T P324

Sex Differences in Ischemic Outcomes and Inflammatory Responses in Neonatal Stroke

Mehwish A Mirza, Kathryn Bentivegna, Rodney Ritzel, Kaitlyn H Hajdarovic, Louise D McCullough, Fudong Liu, Univ of Connecticut Health Ctr, Farmington, CT

Poster Board Number P325 / Presentation Number T P325

Parental Knowledge in Childhood Arterial Ischemic Stroke

Belinda Stojanovski, The Royal Children's Hosp, Parkville, Australia; Geoffrey A Donnan, The Florey Inst of Neuroscience and Mental Health, Heidelberg, Australia; Paul T Monagle, The Royal Children's Hosp, Parkville, Australia; Leonid Churilov, Ian Mosley, The Florey Inst of Neuroscience and Mental Health, Heidelberg, Australia; Mark T Mackay, The Royal Children's Hosp, Parkville, Australia

Poster Board Number P326 / Presentation Number T P326

Additive Neuroprotection of a 20-hete Inhibitor with Delayed Therapeutic Hypothermia after Asphyxial Cardiac Arrest in Neonatal Piglets

Junhao Zhu, Shengjing hospital of China Medical Univ, shenyang, China; Bing Wang, Jeong-Hoo Lee, Jillian S Armstrong, Utpal S Bhalala, Zeng-Jin Yang, Lee J Martin, Raymond C Koehler, Johns Hopkins Univ, Baltimore, MD

Poster Board Number P327 / Presentation Number T P327

The Association of Neighborhood and Transcranial Doppler Screening Among Children with Sickle Cell Disease

Sarah Leasure Reeves, Kevin J Dombkowski, Univ of Michigan, Ann Arbor, MI; Heather Fullerton, Univ of California, San Francisco, CA; Thomas Braun, Lynda D Lisabeth, Univ of Michigan, Ann Arbor, MI

Poster Board Number P328 / Presentation Number T P328

Hypertension is Associated With Increased Mortality in Children Admitted With Ischemic Stroke

Malik M Adil, Alfredo Caceres, Adnan I Qureshi, Zeenat Qureshi Stroke Res Ctr, St Cloud, MN; Lori C Jordan, Vanderbilt Univ Sch of Med, Nashville, TN

Preventive Strategies Posters II

T P329 – T P348

Poster Board Number P329 / Presentation Number T P329

Preadmission Use Of Selective Serotonin Reuptake Inhibitors (SSRIs) In Acute Ischemic Stroke

Shawna Cutting, Laurel Smit, Renee Jhu, Bichun Ouyang, Rush Univ Medical Ctr, Chicago, IL; Shyam Prabhakaran, Northwestern Univ, Chicago, IL

Poster Board Number P330 / Presentation Number T P330

Migraine and Risk of Intracerebral Hemorrhage in the Ethnic/racial Variations of Intracerebral Hemorrhage (ERICH) Study

Sebastian Koch, Univ of Miami, Miami, FL; Mitchell S Elkind, Columbia Univ, New York, NY; Charles J Moomaw, Univ of Cincinnati, Cincinnati, OH; Mark W Brown, Wake Forrest, Winston Salem, NC; Sharyl R Martini, Jennifer Osborne, Univ of Cincinnati, Cincinnati, OH; Carl D Langefeld, Wake Forrest, Winston Salem, NC; Daniel Woo, Univ of Cincinnati, Cincinnati, OH

Poster Board Number P331 / Presentation Number T P331

Investigating The Association Of Traumatic Brain Injury And Ischemic Stroke In A Population-based Study

Nelda Garcia, James Burke, Lynda D Lisabeth, Brisa Sanchez, Lewis B Morgenstern, Univ of Michigan, Ann Arbor, MI

Poster Board Number P332 / Presentation Number T P332

Despite Differences in Device Design, Anticoagulation, and Duration of Use, Pulsatile- and Continuous-Flow Left Ventricular Assist Devices Share Similar Stroke Rates and Outcomes

Tina M Burton, Erin S Davis, Michael J Tanana, L Dana DeWitt, Craig H Selzman, Jennifer J Majersik, Univ of Utah, Salt Lake City, UT

Poster Board Number P333 / Presentation Number T P333

Impact of Secondary Prevention Therapy on Mortality after a First Ischemic Stroke in Puerto Rico

Maria E Rojas, Univ of Puerto Rico, San Juan, PR; Wallace Marsh, Shenandoah Univ, Shenandoah, VA; Marcos Felici, Univ of Puerto Rico, San Juan, PR; Juan Acuña, Florida Intl Univ, Herbert Wertheim Coll of Med, Miami, FL; Rosa J Rodriguez, Univ of Puerto Rico, San Juan, PR; Juan C Zevallos, Florida Intl Univ Herbert Wertheim Coll of Med, Miami, FL

Poster Board Number P334 / Presentation Number T P334**Clopidogrel and Aspirin versus Aspirin Alone for Prevention of Recurrent Ischemic Lesion in Acute Atherothrombotic Stroke: A Randomized, Double-Blind, Placebo-Controlled Trial**

Seung-Hoon Lee, Seoul Natl Univ Hosp, Seoul, Korea, Republic of; Hahn-Young Kim, Konkuk Univ Medical Ctr, Seoul, Korea, Republic of; Hee-Joon Bae, Seoul Natl Univ Bundang Hosp, Kyunggi-do, Korea, Republic of; Kyung-Ho Yu, Hallym Univ Sacred Heart Hosp, Kyunggi-do, Korea, Republic of; Gyeong-Moon Kim, Samsung Medical Ctr, Seoul, Korea, Republic of; Dong Eog Kim, Dongguk Univ Medical Ctr, Kyunggi-do, Korea, Republic of; Yong-Jin Cho, Keun-Sik Hong, Inje Univ Ilsan Paik Hosp, Kyunggi-do, Korea, Republic of; Sun U Kwon, Asan Medical Ctr, Seoul, Korea, Republic of; Joung-Ho Rha, Inha Univ Hosp, Incheon, Korea, Republic of; Jong-Moo Park, Eulji General Hosp, Seoul, Korea, Republic of; Soo-Joo Lee, Eulji Univ Hosp, Daejeon, Korea, Republic of; Kyung Bok Lee, Soonchunhyang Univ Hosp, Seoul, Korea, Republic of; Yong-Seok Lee, SMG-SNU Boramae Medical Ctr, Seoul, Korea, Republic of; Ki-Hyun Cho, Chonnam Natl Univ Hosp, Gwangju, Korea, Republic of; Jae-Kwan Cha, Dong-A Univ Hosp, Busan, Korea, Republic of; Eung Gyu Kim, Inje Univ Busan Paik Hosp, Busan, Korea, Republic of; Kwang-Yeol Park, Chung-Ang Univ Hosp, Seoul, Korea, Republic of; Dae Il Chang, Kyung Hee Univ Medical Ctr, Seoul, Korea, Republic of; Jay Chol Choi, Jeju Natl Univ Hosp, Jeju Special Self-Governing Province, Korea, Republic of; Kyung-Hee Cho, Korea Univ Coll of Med, Seoul, Korea, Republic of; Dong-Wha Kang, Asan Medical Ctr, Seoul, Korea, Republic of; Chul-Ho Sohn, Seoul Natl Univ Hosp, Seoul, Korea, Republic of; Jun Lee, Yeungnam Univ Medical Ctr, Daegu, Korea, Republic of; Byung-Woo Yoon, Seoul Natl Univ Hosp, Seoul, Korea, Republic of

Poster Board Number P335 / Presentation Number T P335

Eligibility and Preference of New Oral Anticoagulants in Patients With Atrial Fibrillation: Comparison Between Patients With Versus Without Stroke or TIA
Chang Hyo Yoon, Yoon Kyung Park, Suk Jae Kim, Miji Lee, Sookyoung Ryoo, Gyeong-Moon Kim, Chin-Sang Chung, Kwang Ho Lee, Oh Young Bang, Dept of Neurology, Samsung Medical Ctr, Sungkyunkwan Univ Sch of Med, Seoul, Korea, Republic of

Poster Board Number P336 / Presentation Number T P336

Risk of Stroke and Vascular Events and Response to Antiplatelet Therapy in Young Adults with Recent Lacunar Strokes: The SPS3 Study
Aleksandra Pikula, Boston Univ Sch of Med, Boston, MA; Christopher S Coffey, Univ of Iowa, Iowa City, IA; Helena W Lau, Boston Univ Sch of Med, Boston, MA; Carole L White, Univ of Texas Health Science Ctr, San Antonio, TX; Carlos S Kase, Boston Univ Sch of Med, Boston, MA; Oscar Benavente, Univ of British Columbia, Vancouver, BC, Canada

Poster Board Number P337 / Presentation Number T P337

Asymmetric Dimethylarginine Is Related to the Predicted Stroke Risk in Middle-aged Japanese Men
yasuhiro nishiyama, Masayuki Ueda, Yasuo Katayama, Toshiaki Otsuka, Nippon Medical Sch, Tokyo, Japan

Poster Board Number P338 / Presentation Number T P338

To Evaluate the Efficacy and Safety of Cilostazol in Ischemic Stroke Patients with Peripheral Arterial Disease (SPAD) Study: Methodology and Baseline Data
Jiann-Shing Jeng, Natl Taiwan Univ Hosp, Taipei, Taiwan; Li-Ming Lien, Shin Kong Wu Ho-Su Memorial Hosp, Taipei, Taiwan; Sien-Tsong Chen, Chang Gung Memorial Hosp, Linkou, Taiwan; Chung Y Hsu, China Medical Univ and Hosp, Taichung, Taiwan; the SPAD Investigators

Poster Board Number P339 / Presentation Number T P339

Pharmacogenetics Guided Algorithm Including Factors of Renal Impairment and Vitamin K Intake for Accurate Predicting of Individual Warfarin Dose in a Genetically Homogeneous Population
Tomotaka Tanaka, Shigeki Miyata, Natl Cerebral and Cardiovascular Ctr, Suita, Osaka, Japan; Akiko Kada, Natl Hosp Organization Nagoya Medical Ctr, Nagoya, Aichi, Japan; Haruko Yamamoto, Toshiyuki Miyata, Kazuyuki Nagatsuka, Natl Cerebral and Cardiovascular Ctr, Suita, Osaka, Japan

Poster Board Number P340 / Presentation Number T P340

Delays in Seeking Medical Attention in Intracerebral Hemorrhage
Fernando D Testai, Univ of Illinois at Chicago, Chicago, IL; Carl D Langefeld, Ctr for Public Health Genomics Dept of Biostatistical Sciences Div of Public Health Science Wake Forest Sch of Med, Winston-Salem, NC; Faisal Mukarram, Norma K Castillo, Maureen Hillmann, Univ of Illinois at Chicago, Chicago, IL; Kevin N Sheth, Yale Univ, New Haven, CT; Sharon Smith, Emory Univ, Atlanta, GA; Latisha K Ali, Univ of California, Los Angeles, Chicago, IL; Gilda Rinek, Univ of California, Los Angeles, Los Angeles, CA; Charles J Moomaw, Jennifer Osborne, Univ of Cincinnati Coll of Med, Cincinnati, OH; Daniel Woo, Univ of Cincinnati Coll of Med, Cincinnati, IL

Poster Board Number P341 / Presentation Number T P341

Impact Of Cytochrome P450 2C19 Polymorphism On High On-treatment Platelet Reactivity In Stroke Patients Treated With Clopidogrel
Tomotaka Tanaka, Shigeki Miyata, Haruko Yamamoto, Toshiyuki Miyata, Kazuyuki Nagatsuka, Natl Cerebral and Cardiovascular Ctr, Suita, Osaka, Japan; Cognac study investigators

Poster Board Number P342 / Presentation Number T P342

Impact of the Type of Prior Antithrombotic Agents on Secondary Hemorrhagic Stroke: Location, Severity and Outcome
Nobutaka Horie, Makio Kaminogo, Tomohito Hirao, Masaaki Fukushima, Akira Izaki, Katsuharu Mori, Akira Shibayama, Wataru Haraguchi, Kiyoshi Shirakawa, Makoto Hirose, Hideaki Takahata, Akira Tsujino, Gouhei So, Tsuyoshi Izumo, Kunihiro Nagasato, Izumi Nagata, Nagasaki Univ Sch of Med, Nagasaki, Japan

Poster Board Number P343 / Presentation Number T P343

Resveratrol Rescues Neuron Survival in Primary Postnatal Cultures
Megha Agrawal, Sylvain Dore, Univ of Florida, Gainesville, FL

Poster Board Number P344 / Presentation Number T P344

Clopidogrel Resistance in Stroke Patients (The CRISP Trial)
Aravindakshan L Manoj, Paul R Fitzsimmons, Nikhil Sharma, Brian Menezes, Royal Liverpool and Broadgreen Univ Hosp Trust, Liverpool, United Kingdom; Jecko Thachil, Manchester Royal Infirmary, Manchester, United Kingdom; William Greenhalf, Melanie Oates, The Univ of Liverpool, Liverpool, United Kingdom; Paula Lopez, Glyn Fletcher, Penelope Cox, Royal Liverpool and Broadgreen Univ Hosp Trust, Liverpool, United Kingdom

Poster Board Number P345 / Presentation Number T P345

Cardiovascular Health Metrics and All-cause and Cardiovascular Disease Mortality among Middle Aged Men in Korea: The Seoul Male Cohort Study
Ji Young Kim, Chul Woo Rhee, Young-Jin Ko, Byung-Joo Park, Seoul Natl Univ Coll of Med, Seoul, Korea, Republic of; Dong-Hyun Kim, Hallym Univ Coll of Med, Seoul, Korea, Republic of; Jong-Myon Bae, Cheju Natl Univ Coll of Med, Jeju, Korea, Republic of; Myung-Hee Shin, Sungkyunkwan Univ Sch of Med, Seoul, Korea, Republic of; Moo-Song Lee, Ulsan Univ Coll of Med, Seoul, Korea, Republic of; Zhong Min Li, Sch of Public Health Sciences, Jilin Univ, Changchun, China; Yoon-Ok Ahn, Seoul Natl Univ Coll of Med, Seoul, Korea, Republic of

Poster Board Number P346 / Presentation Number T P346

Anticoagulation Intensity of Low-dose Rivaroxaban for Japanese Patients With Nonvalvular Atrial Fibrillation
Takuya Okata, Kazunori Toyoda, Akira Okamoto, Toshiyuki Miyata, Kazuyuki Nagatsuka, Kazuo Minematsu, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan

Poster Board Number P347 / Presentation Number T P347

Metabolomic Analysis of PFO-Related Stroke Shows Immediate and Persistent Decrease of Homocysteine Post PFO Closure
MingMing Ning, Wenjun Deng, Chris Beecher, Charles Burant, Mary Lopez, F De Jong, Igor Palacios, Ignacio Inglessis, Scott Silverman, K Feeney, M Thayer, M Elia, T Wickham, D McMullin, GW Dec, Ferdinando S Buonanno, Eng H Lo, Mass General Hosp/Harvard Med Sch, Boston, MA

Poster Board Number P348 / Presentation Number T P348

Successful Resolution Of The Cardiac Thrombus Using Novel Oral Anticoagulants
Takuya Okata, Kazunori Toyoda, Akira Okamoto, Toshiyuki Miyata, Junji Takasugi, Masatoshi Koga, Kazuyuki Nagatsuka, Kazuo Minematsu, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan

SAH and Other Neurocritical Management Posters II	T P349 – T P359
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Poster Board Number P349 / Presentation Number T P349

Long Term Survival and Hospital Re-Admission Rates in Elderly Patients With Subarachnoid Hemorrhage Treated With Surgical or Endovascular Treatment
Saqib A Chaudhry, Alexanderos L Georgiadis, Michigan State Univ, East Lansing, MI; Adnan I Qureshi, Zeenat Qureshi Stroke Inst and CentraCare Health, St Cloud, MN

Poster Board Number P350 / Presentation Number T P350

Phase I Clinical Feasibility & Safety Trial of Remote Ischemic Conditioning After Aneurysmal Subarachnoid Hemorrhage
Mark Connolly, Joshua Dusick, Paul Vespa, Nestor Gonzalez, UCLA, Los Angeles, CA

Poster Board Number P351 / Presentation Number T P351

Unbound Iron and Ceruloplasmin Levels in Cerebrospinal Fluid Are Associated with Development of Deep Cerebral Infarcts Following Subarachnoid Hemorrhage
Lauren Koffman, Gabor Toth, M Shazam Hussain, Cleveland Clinic Fndn, Cleveland, OH; Magdy Selim, Beth Israel Deaconess Medical Ctr, Boston, MA; Peter Rasmussen, J Javier Provencio, Joao A Gomes, Cleveland Clinic Fndn, Cleveland, OH

Poster Board Number P352 / Presentation Number T P352

Dantrolene for the Prevention and Treatment of Cerebral Vasospasm after Subarachnoid Hemorrhage – A Randomized Placebo-Controlled Trial to Assess Safety, Tolerability and Feasibility
Susanne Muehlschlegel, Raphael Carandang, Wiley Hall, Kini Nisha, Saef Izzy, I Martijn Van der Bom, Thomas Flood, Matt Gounis, John Weaver, Bruce Barton, Ajay Wakhloo, Univ of Massachusetts Medical Sch, Worcester, MA

Poster Board Number P353 / Presentation Number T P353

Positive Fluid Balance Predicts Poor Clinical Outcomes in Aneurysmal Subarachnoid Hemorrhage
Narayan R Kissoon, Jennifer E Fugate, Jay N Mandrekar, Alejandro A Rabinstein, Mayo Clinic, Rochester, MN

Poster Board Number P354 / Presentation Number T P354

The Role of Lindegaard Ratio on TCD for Predicting Angiographic Vasospasm Following Aneurysmal Subarachnoid Haemorrhage
Aftab Ahmad, Khurshid Khan, Carol Derksen, Ashfaq Shuaib, Muzaffar Siddiqui, Nasir Rizvi, Maher Saqqur, Univ Of Alberta Hosp, Edmonton, AB, Canada

Poster Board Number P356 / Presentation Number T P356

Predictors of Depression 6 Months After Aneurysmal Subarachnoid Hemorrhage
Keiko A Fukuda, Randall T Higashida, Michael T Lawton, Wade S Smith, Nerissa U Ko, UCSF, San Francisco, CA

Poster Board Number P357 / Presentation Number T P357

Low Baseline Urine Creatinine Excretion Rate Independently Predicts Severe Disability or Death among Critically Ill Acute Stroke Patients
Chia-yu Hsu, Yi-Ling Wu, Ying-Chih Huang, Jiann-Der Lee, Ming-Hsueh Lee, Chih-Ying Wu, Huan-Lin Hsu, Ya-Hui Lin, Yen-Chu Huang, Hsin-Ta Yang, Jen-Tsung Yang, Meng Lee, Chang-Gung memorial hospital, Chiayi, Taiwan; Bruce Ovbiagele, Dept of Neurosience, Medical Univ of South Carolina, South Carolina, SC

Poster Board Number P358 / Presentation Number T P358

Impact of Clipping Versus Coiling on Postoperative Hemodynamics and Pulmonary Edema after Subarachnoid Hemorrhage
Nobutaka Horie, Shunsuke Ishizaka, Tsuyoshi Izumo, Kentaro Hayashi, Kazuhiko Suyama, Izumi Nagata, Nagasaki Univ Sch of Med, Nagasaki, Japan

Poster Board Number P359 / Presentation Number T P359

Regulation of Cerebral Ceramide Levels after Subarachnoid Hemorrhage
Fernando D Testai, Haoliang Xu, Univ of Illinois at Chicago, Chicago, IL; John Kilkus, Univ of Chicago, Chicago, IL; Irina Gorshkova, Evgeny Berdyshev, Dale A Pelligrino, Univ of Illinois at Chicago, Chicago, IL; Glyn Dawson, Univ of Chicago, Chicago, IL

Vascular Cognitive Impairment Posters II

T P360 – T P365

Poster Board Number P360 / Presentation Number T P360

Risk Factors Underlying Recurrent Subclinical Subcortical Cerebrovascular Lesions in Elderly Patients
Ken Nagata, Takashi Yamazaki, Daiki Takano, Tetsuya Maeda, Yuichi Sato, Yumi Fujimaki, Res Inst for Brain and Blood Vessels, Akita, Japan

Poster Board Number P361 / Presentation Number T P361

Reduced Brain and Cerebellar Volumes Correlate With Cognitive Deficits in Chagas Disease
Jamary Oliveira-Filho, Carolina C Reis, Rodrigo D Fernandes, Adriano A Jesus, Luana F Fonseca, Mila C Muller, Morgana J Lordelo, Laís M Ventura, Nestor J Barreto-Neto, Isadora L Ferreira, Lucas L Resende, Alisson L Andrade, Beatriz M Gonçalves, Pedro A Jesus, Cristiane B Abbehusen, Univ Federal da Bahia, Salvador, Brazil; Karen L Furie, Brown Univ, Providence, RI

Poster Board Number P362 / Presentation Number T P362

Prevalence and Clinicoradiological Profile of Japanese Patients with Alzheimer Disease Coexisting Multiple Microbleeds
Ken Ikeda, Takehisa Hirayama, Takanori Takazawa, Toho Univ Omori Medical Ctr, Tokyo, Japan; Testuhito Kiyozuka, Mishuku Hosp, Tokyo, Japan; Masaru Yanagihashi, Yuchi Ishikawa, Kiyoko Murata, Kiyokazu Kawabe, Osamu Kano, Yasuo Iwasaki, Toho Univ Omori Medical Ctr, Tokyo, Japan

Poster Board Number P363 / Presentation Number T P363

Blood-Brain Barrier Damage in Vascular Risk Factor Associated White Matter Disease
Richard Leigh, Peter B Barker, Argye E Hillis, Johns Hopkins University, Baltimore, MD

Poster Board Number P364 / Presentation Number T P364

Longitudinal Evaluation of Functional Magnetic Resonance Imaging on Working Memory in Patients after Transient Ischemic Attack
Jian Guo, Ning Cheng, Muke Zhou, Li He, West China hospital of Sichuan Univ, Chengdu, China

Poster Board Number P365 / Presentation Number T P365

Does Stroke Contribute to Racial Differences in Cognition?
Deborah A Levine, Mohammed U Kabeto, Kenneth M Langa, Lynda D Lisabeth, Mary A Rogers, Andrzej T Galecki, Univ of Michigan, Ann Arbor, MI

Vascular Malformations Posters II

T P367 – T P368

Poster Board Number P367 / Presentation Number T P367

Influence of Patient Age on Angioarchitecture of Brain Arteriovenous Malformations
Steven W Hetts, Daniel L Cooke, Jeffrey Nelson, Nalin Gupta, Christopher F Dowd, Van V Halbach, Randall T Higashida, Michael T Lawton, Helen Kim, UCSF, San Francisco, CA

Poster Board Number P368 / Presentation Number T P368

Subcortical Calcification on CT as Diagnostic Sign of Transverse-Sigmoid Dural Arteriovenous Fistula With Cortical Venous Reflux
Shunji Mugikura, Takahiro Metoki, Takaki Murata, Tohoku Univ, Sendai, Japan; Noriko Kurihara, Sendai Medical Ctr, Sendai, Japan; Yasushi Matsumoto, Kohnan Hosp, Sendai, Japan; Masayuki Ezura, Sendai Medical Ctr, Sendai, Japan; Shoki Takahashi, Tohoku Univ, Sendai, Japan

LATE-BREAKING SCIENCE ABSTRACTS

POSTER SESSION I

WEDNESDAY, FEBRUARY 12
6:15 PM – 6:45 PM

HALL G

Late-Breaking Science

POSTERS I

LB P1 – LB P24

Poster Board Number LB P1 / Presentation Number LB P1

Transcriptome Networks Change in Patients With Subarachnoid Hemorrhage Undergoing Remote Ischemic Conditioning

Arthur Ko, Mark J Connolly, Marcus Alvarez, Elina Nikkola, Päivi Pajukanta, Nestor R Gonzalez, UCLA, Los Angeles, CA

Poster Board Number LB P2 / Presentation Number LB P2

Spontaneous Swallow Frequency and Dysphagia Outcomes in Acute Stroke

Michael A Crary, Giselle D Carnaby, Lisa LaGorio, Swallowing Res Lab - Univ Florida, Gainesville, FL

Poster Board Number LB P3 / Presentation Number LB P3

A Single Genetic Locus, Dce1, Causes Wide Variation in Pial Collateral Extent and Severity of Ischemic Stroke

James E faber, Robert sealock, Hua Zhang, Jennifer L Lucitti, Scott M Moore, Univ of North Carolina, chapel hill, NC

Poster Board Number LB P4 / Presentation Number LB P4

Delayed Administration of Perlecan Domain V Significantly Increases Neurogenesis and Functional Recovery after Experimental Ischemic Stroke

Aileen Marcelo, Michael Kahle, Leon de Hoog, Gregory Bix, Univ of Kentucky, Lexington, KY

Poster Board Number LB P5 / Presentation Number LB P5

Stroke and ICH in 21,105 Patients with Atrial Fibrillation Randomized to Edoxaban vs Warfarin in the ENGAGE AF-TIMI 48 Trial

Robert P Giugliano, Christian T Ruff, Eugene Braunwald, Brigham & Women's Hosp, Boston, MA; Natalia Rost, Scott Silverman, Massachusetts General Hosp, Boston, MA; Stephen D Wiviott, Cheryl Lowe, Naveen Deenadayalu, Sabina A Murphy, Laura T Grip, Brigham & Women's Hosp, Boston, MA; Joshua M Betcher, Quintiles, Morrisville, NC; Anil Duggal, Jay Dave, Minggao Shi, Michele Mercuri, Daiichi Sankyo, Edison, NJ; Elliott Antman, Brigham & Women's Hosp, Boston, MA

Poster Board Number LB P6 / Presentation Number LB P6

Microstructural White Matter Alterations Correlate With Cerebral Amyloid Angiopathy Burden and Cognitive Measures

Yael D Reijmer, Panagiotis Fotiadis, Sergi Martinez-Ramirez, Aaron Schultz, Anne K Reed, Alison M Ayres, Kristin Schwab, Jonathan Rosand, Anand Viswanathan, Keith A Johnson, Steven M Greenberg, Edip Gurol, Massachusetts General Hosp, Boston, MA

Poster Board Number LB P7 / Presentation Number LB P7

The Serine Protease Cathepsin G is Detrimental in Low Reperfusion Subset of Ischemic Stroke

Peter Y Cai, Saeed Ansari, Univ of Florida Coll of Med, Gainesville, FL; Nauder Faraday, Johns Hopkins Univ Sch of Med, Baltimore, MD; Sylvain Doré, Univ of Florida Coll of Med, Gainesville, FL

Poster Board Number LB P8 / Presentation Number LB P8

Novel Mechanisms of Ischemic Stroke Injury

James A Bibb, The Univ of Texas Southwestern Medical Ctr, Dallas, TX; Charles L Rosen, West Virginia Univ Sch of Med, Morgantown, WV

Poster Board Number LB P9 / Presentation Number LB P9

An ABCA1 Ligand Peptide that Stimulates Cellular Cholesterol Efflux with High Efficiency Increases Insulin Sensitivity and Reduces Blood Glucose in Metabolic and Genetic Mouse Models of Obesity and Diabetes

John K Bielicki, Lawrence Berkeley Natl Lab, Berkeley, CA; Stefanie Bittner, Juveria Tabassum, GRECC, VA Palo Alto Health Care System, Stanford Univ, Palo Alto, CA; Anouar Hafiane, Jacques Genest, McGill Univ Health Ctr, Montreal, QC, Canada; Salman Azhar, GRECC, VA Palo Alto Health Care System, Stanford Univ, Palo Alto, CA; Jan Johansson, Artery Therapeutics, San Ramon, CA

Poster Board Number LB P10 / Presentation Number LB P10

Self-Management Tools for Timely and Cost-Effective Screening of Post Stroke Depression and Improved Stroke Rehabilitation

Alyssa J Herzig, Concordia Univ, Montreal, QC, Canada; Nancy Mayo, McGill Univ, Montreal, QC, Canada; Sydney Miller, Concordia Univ, Montreal, QC, Canada

Poster Board Number LB P11 / Presentation Number LB P11

Inpatient versus Outpatient Management of TIA or Minor Stroke: Clinical Outcomes

John F Rothrock, Ivan Lopez, Peggie Smith, Univ of Nevada Sch of Med, Reno, NV

Poster Board Number LB P12 / Presentation Number LB P12

T1128C NPY Polymorphism is Associated With Dyslipidemia as a Stroke Risk Factor

Seyed Navid Yahyazadeh Mashhadi, Mobin Mohaddes Najafi, Science and Res branch, Islamic Azad Univ, Tehran, Iran, Islamic Republic of; Mohammad Mahdi Forghanifard, Dept of Biology, Damghan Branch, Islamic Azad Univ, Damghan, Iran, Islamic Republic of; Ali Masoudi Kazemabad, Science and Res branch, Islamic Azad Univ, Tehran, Iran, Islamic Republic of; Raheleh Dehghan Manshadi, Dept of Biology, Payamenoor Univ, Mashhad, Iran, Mashhad, Iran, Islamic Republic of

Poster Board Number LB P13 / Presentation Number LB P13

Health Utility in Patients Receiving OnabotulinumtoxinA (BOTOX®;#174;) for the Treatment of Adult Focal Spasticity: Final Results from MOBILITY®;#174;,, A Prospective Observational Cohort Study

Theodore Wein, Montreal Neurological Hosp, Montreal, QC, Canada; Farooq Ismail, West Park Healthcare Ctr, Toronto, ON, Canada; Meetu Bhogal, Grace Trentin, Allergan Inc, Markham, ON, Canada

Poster Board Number LB P14 / Presentation Number LB P14

Ischemic Stroke in Patients with Mechanical Heart Valve off Anticoagulation After Intracranial Hemorrhage

Jay Z Yao, Holly Hinson, Helmi Lutsep, Oregon Health and Science Univ, Portland, OR

Poster Board Number LB P15 / Presentation Number LB P15

Application of MicroRNA in Treating Acute Ischemic Stroke

Suh-Hang H Juo, Yung-Song Wang, Hsin-Yun Cheng, Kaohsiung Medical Univ, Kaohsiung, Taiwan; Yi-Chu Liao, Taichung Veterans General Hosp, Taichung, Taiwan

Poster Board Number LB P16 / Presentation Number LB P16

TARGET Intracranial Aneurysm Coiling Prospective Multicenter Study: Initial Periprocedural Results

Osama O Zaidat, Alicia C Castonguay, Medical Coll of Wisconsin, Milwaukee, WI; Ajit S Puri, Univ of Massachusetts, Worcester, MA; Ansaar T Rai, West Virginia Univ Hosp, Morgantown, WV; Aamir Badruddin, Provena Saint Joseph Medical Ctr, Joliet, IL; William J Mack, Univ of Southern California, Los Angeles, CA; Amer Alshekhlee, SSM Neuroscience Inst, DePaul, MN; Qaisar A Shah, Abington Memorial Hosp, Abington, PA; Syed I Hussain, Michigan State Univ, East Lansing, MI; Mohammed R Kabbani, Gundersen Lutheran, La Crosse, WI; Ketan R Bulsara, Yale Univ, New Haven, CT; Muhammad A Taqi, Desert Regional Medical Ctr, Palm Springs, CA; Vallabh Janardhan, Texas Stroke Inst, Plano, TX

Poster Board Number LB P17 / Presentation Number LB P17

International Survey of Acute Stroke Imaging Capabilities

Max Wintermark, Univ of Virginia, Dept of Radiology, Charlottesville, VA; Marie Luby, Natl Inst of Neurological Disorders and Stroke (NINDS), Natl Insts of Health (NIH), Bethesda, MD; Natan Bornstein, Dept of Neurology, Elias Sourasky Medical Ctr, Sackler Faculty of Med, Tel Aviv, Israel; Andrew Demchuk, Univ of Calgary, Dept of Neurology, Calgary, AB, Canada; Jens Fiehler, Univ Medical Ctr Hamburg-Eppendorf, Hamburg, Germany; Kohsuke Kudo, Dept of Diagnostic Radiology, Hokkaido Univ Hosp, Sapporo, Japan; David Liebeskind, UCLA Stroke Ctr, Los Angeles, CA; Patrik Michel, Ctr Hospier Univre Vaudois (CHUV) and Univ of Lausanne, Lausanne, Switzerland; Raul Nogueira, Emory Univ Sch of Med, Atlanta, GA; Mark W Parsons, Hunter Medical Res Inst, Univ of Newcastle, Australia, Australia; Makoto Sasaki, Inst for Biomedical Sciences, Iwate Medical Univ, Yahaba, Japan; Joanna M Wardlaw, Brain Res Imaging Ctr, Div of Neuroimaging Sciences, Ctr for Clinical Brain Sciences, Univ of Edinburgh, Edinburgh, United Kingdom; Ona Wu, Massachusetts General Hosp and Harvard Medical Sch, Boston, MA; Weiwei Zhang, Guangming Zhu, Military General Hosp of Beijing PLA, Beijing, China; Steven J Warach, Seton/UT Southwestern Clinical Res Inst of Austin, Dept of Neurology and Neurotherapeutics, UT Southwestern Medical Ctr, Austin, TX

Poster Board Number LB P18 / Presentation Number LB P18

Long-term Changes of Perivascular Matrix After Juvenile Brain Injury: Possible Relation with Amyloid-beta Accumulation

Amandine Jullienne, Loma Linda Univ, Loma Linda, CA; Jill Roberts, Sanders-Brown Ctr on Aging, Univ of Kentucky, Lexington, KY; Viorela Pop, Loma Linda Univ, Loma Linda, CA; M Paul Murphy, Elizabeth Head, Gregory Bix, Sanders-Brown Ctr on Aging, Univ of Kentucky, Lexington, KY; Jerome Badaut, Loma Linda Univ, Loma Linda, CA

Poster Board Number LB P19 / Presentation Number LB P19

Superselective Intra-arterial Administration of Verapamil is Profoundly Neuroprotective in Experimental Ischemic Stroke

Michael Maniskas, Jill Roberts, Gregory J Bix, Justin F Fraser, Univ of Kentucky, Lexington, KY

Poster Board Number LB P20 / Presentation Number LB P20

Prospective Observational Study of Avoiding Early DNR in Intracerebral Hemorrhage

J Claude Hemphill III, Univ of California, San Francisco, San Francisco, CA; Darin B Zahuranec, Brisa N Sánchez, Univ of Michigan, Ann Arbor, MI; Kyra J Becker, Univ of Washington, Seattle, WA; Madeleine C Geraghty, Providence Sacred Heart Medical Ctr, Spokane, WA; Gregory Norris, Wayne State Univ, Detroit, MI; Lewis B Morgenstern, Univ of Michigan, Ann Arbor, MI

Poster Board Number LB P21 / Presentation Number LB P21

Spontaneous Swallowing Frequency is an Index of Stroke Severity and Dysphagia

Giselle D Carnaby, Arnaldo Velez, Ganesh Asaithambi, Anna Khanna, Michael Crary, Univ of Florida, Gainesville, FL

Poster Board Number LB P22 / Presentation Number LB P22

Imatinib Reduces Blood-Brain-Barrier Degeneration and Infarct Volume After Ischemic Stroke in a Rat Model

Zamir Merali, Jackie Leung, Andrea Kassner, Univ Of Toronto, Toronto, ON, Canada

Poster Board Number LB P23 / Presentation Number LB P23

Brain Peptidase Neurolysin as an Endogenous Mechanism for Self-Preservation and Repair After Stroke

Naomi J Wangler, Mamoon Rashid, Vardan T Karamyan, Sch of Pharmacy, TTUHSC, Amarillo, TX

Poster Board Number LB P24 / Presentation Number LB P24

The Western States Stroke Consortium Telestroke Study

Gene Y Sung, Univ of Southern California, Los Angeles, CA; Bart Demaerschalk, Mayo Clinic-Scottsdale, Scottsdale, AZ; Christopher Fanale, Swedish Medical Ctr, Denver, CO; Jennifer Majersik, Univ of Utah, Salt Lake City, UT; Nobl Barazangi, California Pacific Medical Ctr, San Francisco, CA; Matt Grantz, Univ of Utah, Salt Lake City, UT; Dan Capampangan, Mayo Clinic - Scottsdale, Scottsdale, AZ; David Liebeskind, Univ of California-Los Angeles, Los Angeles, CA

ONGOING CLINICAL TRIALS ABSTRACTS

POSTER SESSION II

THURSDAY, FEBRUARY 13

6:15 PM – 6:45 PM

HALL G

Ongoing Clinical Trials Posters II

CT P1 – CT P53

Poster Board Number CT P1 / Presentation Number CT P1

Stroke Hyperglycemia Insulin Network Effort (SHINE) Trial

Karen C Johnston, Amy C Fansler, Univ of Virginia, Charlottesville, VA; Valerie L Durka-Iski, Medical Univ of South Carolina, Charleston, SC; Askiel Bruno, Georgia Regents Univ, Augusta, GA; Christiana Hall, Univ of Texas, Southwestern, Dallas, TX; William G Barsan, Univ of Michigan, Ann Arbor, MI

Poster Board Number CT P2 / Presentation Number CT P2

Randomized Trial of Revascularization With Solitaire® Device Versus Best Medical Therapy in the Treatment of Acute Stroke Due to Anterior Circulation Large Vessel Occlusion Presenting Within 8 Hours of Symptom Onset (REVASCAT)

Antonio Dávalos, Germans Trias i Pujol Univ Hosp, Badalona (Barcelona), Spain; Angel Chamorro, Hosp Clinic, Barcelona, Spain; Erik Cobo, Univ Politècnica Catalunya, Barcelona, Spain; Maria A De Miquel, Bellvitge Univ Hosp, Barcelona, Spain; Carlos Molina, Alex Rovira, Vall D'Hebron Univ Hosp, Barcelona, Spain; Luis San Roman, Hosp Clinic, Barcelona, Spain; Joaquin Serena, Doctor Josep Trueta Univ Hosp, Girona, Spain; Tudor Jovin, UPMC, Pittsburgh, PA

Poster Board Number CT P3 / Presentation Number CT P3

Platelet-Oriented Inhibition in New TIA and Minor Ischemic Stroke (POINT) Trial

Clay Johnston, J Donald Easton, Mary Farrant, UCSF, San Francisco, CA; William Barsan, Univ of Michigan, Ann Arbor, MI; Robin Conwit, NINDS, Washington, DC; Catherine Dillon, MUSC, Charleston, SC; Jordan Elm, MUSC, Data Coordination Unit, SC; Anne Lindblad, EMMES Corp, Rockville, MD; Lewis Morgenstern, Univ of Michigan, Ann Arbor, MI; Yuko Palesch, MUSC, Charleston, SC; Sharon Poisson, Univ of Colorado, Denver, CO

Poster Board Number CT P5 / Presentation Number CT P5

GORE HELEX Septal Occluder / GORE Septal Occluder and Antiplatelet Medical Management for Reduction of Recurrent Stroke or Imaging-Confirmed TIA in Patients with Patent Foramen Ovale (PFO) – The Gore REDUCE Clinical Study
Scott E Kasner, Univ of Pennsylvania, Philadelphia, PA; The Gore REDUCE Study Investigators

Poster Board Number CT P6 / Presentation Number CT P6

Rationale and Design of CSPS.com: A Multicenter Randomized Trial of Dual Antiplatelet Therapy for Stroke Prevention

Shinichiro Uchiyama, Tokyo Women's Medical Univ Sch of Med, Tokyo, Japan; Kazunori Toyoda, Takenori Yamaguchi, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; The CSPS.com Study Investigators

Poster Board Number CT P7 / Presentation Number CT P7

Extending the Time for Thrombolysis in Emergency Neurological Deficits – Intra-Arterial: The EXTEND-IA Trial

Bruce C Campbell, Peter J Mitchell, Bernard Yan, Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia; Leonid Churilov, Henry Ma, Florey Inst of Neuroscience and Mental Health, Univ of Melbourne, Parkville, Australia; Mark W Parsons, John Hunter Hosp, Univ of Newcastle, Newcastle, Australia; Geoffrey A Donnan, Florey Inst of Neuroscience and Mental Health, Univ of Melbourne, Parkville, Australia; Stephen M Davis, Royal Melbourne Hosp, Univ of Melbourne, Parkville, Australia; for the EXTEND-IA Investigators

Poster Board Number CT P8 / Presentation Number CT P8

Rationale and Design of Prevention of Cardiovascular Events in Ischemic Stroke Patients With High Risk of Cerebral Hemorrhage (picasso) Study
Sun U Kwon, Asan Medical Ctr, Seoul, Korea, Republic of; PICASSO Investigators

Poster Board Number CT P9 / Presentation Number CT P9

Extending the Time for Thrombolysis in Emergency Neurological Deficits – The Extend Trial

Henry H Ma, Florey Neuroscience Insts, Melbourne, Victoria, Australia; Bruce C Campbell, Royal Melbourne Hosp, Melbourne, Victoria, Australia; Mark M Parsons, Univ of Newcastle, Newcastle, NSW, Australia; Soren Christensen, Royal Melbourne

Hosp, Melbourne, Victoria, Australia; Alan Connelly, Brain Res Inst, Melbourne, Victoria, Australia; Lenoid Churilov, David Howells, Leanne M Carey, Florey Neuroscience Insts, Melbourne, Victoria, Australia; Chung Hsu, China Medical Univ, TAICHUNG, Taiwan; Stephen Davis, Univ of Melbourne, Melbourne, Victoria, Australia; Geoffroy A Donnan, Florey Neuroscience Insts, Melbourne, Victoria, Australia

Poster Board Number CT P10 / Presentation Number CT P10

Triple Antiplatelets for Reducing Dependency after Ischaemic Stroke (TARDIS). A Randomised Controlled Trial

Kailash Krishnan, Sally Utton, Hayley Foster, Tanya Payne, Margaret Adrian, Sarah Grant, Alice Durham, Katie Robson, Philip M Bath, Univ of Nottingham, Nottingham, United Kingdom

Poster Board Number CT P11 / Presentation Number CT P11

The Field Administration of Stroke Therapy – Blood Pressure (FAST-BP) Pilot Trial

Nerses Sanossian, Univ of Southern California, Los Angeles, CA; Sidney Starkman, UCLA Stroke Ctr, Los Angeles, CA; Samuel Stratton, Univ of California Los Angeles, Los Angeles, CA; David S Liebeskind, UCLA Stroke Ctr, Los Angeles, CA; May A Kim-Tenser, Univ of Southern California, Los Angeles, CA; Neal Rao, UCLA Stroke Ctr, Los Angeles, CA; Lucas Restrepo, Univ of California Los Angeles, Los Angeles, CA; Latisha K Ali, Fiona Chatfield, Jeffrey L Saver, UCLA Stroke Ctr, Los Angeles, CA; FAST-BP Investigators and Coordinators

Poster Board Number CT P12 / Presentation Number CT P12

The Insulin Resistance Intervention after Stroke Trial

Walter N Kernan, Yale Sch of Med, New Haven, CT; Robin Conwit, Natl Insts of Neurological Disorders and Stroke, Bethesda, MD; Karen L Furie, Brown Univ, Providence, RI; Mark Gorman, Peter D Guarino, Silvio E Inzucchi, Peter Peduzzi, Catherine M Viscoli, Lawrence H Young, Yale Sch of Med, New Haven, CT

Poster Board Number CT P13 / Presentation Number CT P13

THERAPY: A Prospective, Randomized Trial to Assess Mechanical Thrombectomy as Adjunctive Treatment to IV rtPA in Acute Ischemic Stroke

Pooja Khatri, Univ of Cincinnati, Cincinnati, OH; J Mocco, Vanderbilt Univ Medical Ctr, Nashville, TN; Osama Zaidat, Medical Coll of Wisconsin, Milwaukee, WI; Rishi Gupta, Grady Memorial Hosp, Atlanta, GA; Rüdiger von Kummer, Uniklinikum Dresden, Dresden, Germany

Poster Board Number CT P14 / Presentation Number CT P14

A Phase 3b, Double-blind, Multicenter Study to Evaluate the Efficacy and Safety of Alteplase in Patients With Mild Stroke: Rapidly Improving Symptoms and Minor Neurologic Deficits (PRISMS)

Pooja Khatri, Univ of Cincinnati Academic Health Ctr, Cincinnati, OH; Joseph P Broderick, Univ of Cincinnati, Cincinnati, OH; Edward C Jauch, Medical Univ of South Carolina, Charleston, SC; Steven R Levine, SUNY Downstate Medical Ctr, Brooklyn, NY; Jose G Romano, Univ of Miami, Miami, FL; Jeffrey L Saver, Univ of California, Los Angeles, Los Angeles, CA; Sharon D Yeatts, Medical Univ of South Carolina, Charleston, SC; Yunming Mu, Darren Tayama, Genentech Inc, South San Francisco, CA; on behalf of the PRISMS Investigators

Poster Board Number CT P16 / Presentation Number CT P16

Interdisciplinary Comprehensive Arm Rehabilitation Evaluation (ICARE): A Randomized Control Trial

Steven L Wolf, Emory Univ, Atlanta, GA; Alexander W Dromerick, Natl Rehabilitation Hosp & Georgetown Univ, Washington, DC; Monica A Nelsen, Christianne J Lane, Christopher J Hahn, Caron Park, Stanley P Azen, Carolee J Winstein, Univ of Southern California, Los Angeles, CA

Poster Board Number CT P17 / Presentation Number CT P17

STOP-IT Study

Matthew Flaherty, Univ of Cincinnati, Cincinnati, OH; on Behalf of STOP-IT Investigators

Poster Board Number CT P18 / Presentation Number CT P18

Finding Atrial Fibrillation in Stroke: Randomised Evaluation of Enhanced and Prolonged Holter Monitoring - Rationale and Design of Find-AF randomised

Mark Weber-Krueger, Götz Gelbrich, Raoul Stahrenberg, Jan Liman, Univ of Goettingen, Germany, Goettingen, Germany; Pawel Kermer, Nordwestkrankenhaus Sanderbusch, Sande, Germany; Gerhard F Hamann, Horst-Schmidt-Kliniken, Wiesbaden, Germany; Joachim Seegers, Anna Schulte, Falko Jürries, Univ of Goettingen, Germany, Goettingen, Germany; Find-AF randomised Study Group; Klaus Gröschel, Univ of Mainz, Germany, Mainz, Germany; Rolf Wachter, Univ of Goettingen, Germany, Goettingen, Germany

Poster Board Number CT P19 / Presentation Number CT P19

GAMES (Glyburide Advantage in Malignant Edema and Stroke) RP: Initial Design and Enrollment

Kevin N Sheth, Yale Univ, New Haven, CT; Jordan Elm, Medical Univ of South Carolina, Charleston, SC; Sven Jacobson, Remedy Pharmaceuticals, Inc, New York, NY; W T Kimberly, Massachusetts General Hosp, Boston, MA; GAMES Investigators

Poster Board Number CT P20 / Presentation Number CT P20

High Dose Deferoxamine in Intracerebral Hemorrhage (HI-DEF) Trial

Magdy Selim, Erica Siwila-Sackman, Beth Israel Deaconess Medical Ctr, Boston, MA; On behalf of the HI-DEF Trial Executive Committee and Investigators

Poster Board Number CT P21 / Presentation Number CT P21

The New-Generation Hydrogel Endovascular Aneurysms Treatment Trial

Tarek El Ahmadieh, Najib El Tecle, Samer Zammam, Youssef Hamade, Bernard Bendok, Northwestern Univ, Chicago, IL

Poster Board Number CT P22 / Presentation Number CT P22

Perfusion Imaging Selection of Ischemic Stroke Patients for Endovascular Therapy

Edward C Jauch, Aquilla S Turk, Medical Univ of South Carolina, Charleston, SC; POSITIVE Trialists

Poster Board Number CT P23 / Presentation Number CT P23

Phase 2/3 Study of Intravenous Thrombolysis and Hypothermia for Acute Treatment of Ischemic Stroke

Thomas Hemmen, Rema Raman, UCSD Medical Ctr, San Diego, CA; Mauricio Concha, Sarasota Memorial Hosp, Sarasota, FL; George A Lopez, Univ of Texas, Houston, TX; Syed Hussain, Michigan State Univ, East Lansing, MI; Tafreshi Gilda, Scripps Mercy Hosp, San Diego, CA; Patrick Michel, Univ of Lausanne, Lausanne, Switzerland; Irfan Altafullah, North Memorial Hosp, Robbinsdale, MN; Michael Jacoby, Mercy Medical Ctr, Des Moines, IA; David Greer, Yale Univ, New Haven, CT; Neal Rutledge, Seton Medical Ctr, Austin, TX; Stephan Mayer, Columbia Univ, New York, NY; William Jones, Univ of Colorado, Aurora, CO; Guy Dugan, Alexian Brothers Medical Ctr, Elk Grove, IL; Quisar Shah, Abington Memorial Hosp, Abington, PA; Anna Khanna, Univ of Florida, Gainesville, FL; David Brown, Hoag Hosp, Newport Beach, CA; Kristine H O'Phelan, Univ of Miami, Miami, FL; Gregor Brössner, Univ Hosp, Innsbruck, Austria; Salvador Cruz-Flores, Saint Louis Univ, St Louis, MO; Andrei Alexandrov, Univ of Alabama, Birmingham, AL; Carlos Smith, St Joseph's Medical Ctr, Tampa, FL; Ana M Roldan, Univ of Texas, Houston, TX; Teresa Rzesiewicz, UCSD Medical Ctr, San Diego, CA; Stephanie A Parker, Univ of Texas, Houston, TX; Karen S Rapp, UCSD Medical Ctr, San Diego, CA; James C Grotta, Univ of Texas, Houston, TX; Patrick D Lyden, Cedars Sinai Medical Ctr, Beverly Hills, CA

Poster Board Number CT P24 / Presentation Number CT P24

PODCAST: Prevention of Decline in Cognition After Stroke Trial: A Factorial Randomised Trial of Blood Pressure and Lipid Lowering

Kailash Krishnan, Sally Utton, Sarah Grant, Katherine Whittamore, Polly Scutt, Philip M Bath, Univ of Nottingham, Nottingham, United Kingdom

Poster Board Number CT P25 / Presentation Number CT P25

Ongoing International Trial of Very Early Stroke Rehabilitation (AVERT): Progress

Julie Bernhardt, The Florey Inst of Neuroscience and Mental Health, Heidelberg, Australia; AVERT Trialists' Collaboration

Poster Board Number CT P26 / Presentation Number CT P26

Acute Stroke or Transient Ischemic Attack Treated with Aspirin or Ticagrelor and Patient Outcomes (SOCRATES) Trial

S Claiborne Johnston, Univ of California San Francisco, San Francisco, CA; Pierre Amarenco, Stroke Ctr, Denis Diderot Univ and Medical Sch, Bichat Hosp, Paris, France; Gregory W Albers, Stanford Univ Medical Ctr, Palo Alto, CA; J Donald Easton, Univ of California San Francisco, San Francisco, CA; Nardev Khurmi, AstraZeneca, LP, Wilmington, DE; Kazuo Minematsu, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan; Carlos A Molina, Vall d'Hebron Stroke Unit Hosp Univ Vall d'Hebron, Barcelona, Spain; KS Lawrence Wong, Chinese Univ of Hong Kong, Prince of Wales Hosp, Hong Kong, Hong Kong

Poster Board Number CT P27 / Presentation Number CT P27

Study MAG104615, a Proof of Concept Study for GSK249320 Versus Placebo in Stroke Patients

Steven C Cramer, Univ of California, Irvine, Orange, CA; Lori Enney, Thomas Thompson, GlaxoSmithKline, Research Triangle Park, NC; Colleen Twomey, GlaxoSmithKline, Raleigh-Durham, NC

Poster Board Number CT P28 / Presentation Number CT P28**Thrombolysis With Alteplase 0.6mg/kg Body Weight for Acute Wake-up and Unclear-onset Stroke Trial (THAWS)**

Masatoshi Koga, Kazunori Toyoda, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Kazumi Kimura, Kawasaki Medical Sch, Kurashiki, Japan; Haruko Yamamoto, Natl Cerebral and Cardiovascular Ctr, Suita, Japan; Makoto Sasaki, Iwate Medical Univ, Morioka, Japan; Toshimitsu Hamasaki, Osaka Univ Graduate Sch of Med, Suita, Japan; Takanari Kitazono, Kyushu Univ, Fukuoka, Japan; Junya Aoki, Kawasaki Medical Sch, Kurashiki, Japan; Shoichiro Sato, Kenta Seki, Kazunari Homma, Kazuo Minematsu, Natl Cerebral and Cardiovascular Ctr, Suita, Japan

Poster Board Number CT P29 / Presentation Number CT P29**Thrombolysis or Anticoagulation for Cerebral Venous Thrombosis TO-ACT trial**

Jonathan M Coutinho, Academic Medical Ctr, Amsterdam, Netherlands; José M Ferro, Hosp Santa Maria, Lisbon, Portugal; Susanna M Zuurbier, Academic Medical Ctr, Amsterdam, Netherlands; Patrícia Canhão, Hosp Santa Maria, Lisbon, Portugal; Isabelle Crassard, Hôpital Lariboisière, Paris, France; Charles B Majoie, Jim A Reekers, Academic Medical Ctr, Amsterdam, Netherlands; Emmanuel Houdart, Hôpital Lariboisière, Paris, France; Rob J de Haan, Academic Medical Ctr, Amsterdam, Netherlands; Marie-Germaine Bousser, Hôpital Lariboisière, Paris, France; Jan Stam, Academic Medical Ctr, Amsterdam, Netherlands

Poster Board Number CT P30 / Presentation Number CT P30**Prospective Registry of Decompressive Surgery for Patients With Cerebral Venous Thrombosis (decompress-2)**

Jose M Ferro, Patrícia Canhão, Hosp Santa Maria, Lisbon, Portugal; Jonathan M Coutinho, Jan Stam, Academic Medical Ctr, Amsterdam, Netherlands; Marie-Germaine Bousser, Hôpital Lariboisière, Paris, France

Poster Board Number CT P31 / Presentation Number CT P31**MR WITNESS: A Phase IIa Safety Study of Intravenous Thrombolysis with Alteplase in MRI-Selected Patients**

Ona Wu, Massachusetts General Hosp, Boston, MA; Lawrence L Latour, NIH/NINDS Intramural Stroke Program, Bethesda, MD; Shlee S Song, Cedar Sinai Medical Ctr, Los Angeles, CA; Karen L Furie, Brown Univ, Providence, RI; Steven Warach, Seton/UT Southwestern Clinical Researh Inst of Austin, Austin, TX; Lee H Schwamm, Massachusetts General Hosp, Boston, MA; MR WITNESS Investigators

Poster Board Number CT P32 / Presentation Number CT P32**Vertebrobasilar Flow Evaluation and Risk of Transient Ischemic Attack and Stroke (VERITAS) Study**

Sepideh Amin-Hanjani, Dilip Pandey, Keith Thulborn, DeJuran Richardson, Univ of Illinois at Chicago, Chicago, IL; Mitchell S Elkind, Columbia Univ, New York, NY; Gregory J Zipfel, Washington Univ Sch of Med in St Louis, St Louis, MO; David S Liebeskind, Univ of California at Los Angeles, Los Angeles, CA; Frank Silver, Univ of Toronto, Toronto Western Hosp, Toronto, ON, Canada; Scott Kasner, Univ of Pennsylvania, Philadelphia, PA; Colin Derdeyn, Washington Univ Sch of Med in St Louis, St Louis, MO; Philip B Gorelick, Hauenstein Neuroscience Inst, Grand Rapids, MI; Fady T Charbel, Univ of Illinois at Chicago, Chicago, IL

Poster Board Number CT P33 / Presentation Number CT P33**Endovascular Treatment for Small Core and Anterior Circulation Proximal Occlusion With Emphasis on Minimizing CT to Recanalization Times**

Philip M Choi, Andrew M Demchuk, Mayank Goyal, Karla J Ryckborst, Bijoy Menon, Eesa Muneer, Mohammed Almekhlafi, Univ of Calgary, Calgary, AB, Canada; Ashfaq Shuaib, Univ of Alberta, Edmonton, AB, Canada; Frank L Silver, Toronto Western Res Inst, Toronto, ON, Canada; Daniel Roy, Ctr hospitalier de l'Univ de Montréal - Notre-Dame, Montreal, QC, Canada; Donald F Frei Jr, Colorado Neurological Inst, Denver, CO; Tudor G Jovin, Univ of Pittsburgh Medical Ctr, Pittsburgh, PA; Walter Montanera, Univ of Toronto, Toronto, ON, Canada; Michael D Hill, Univ of Calgary, Calgary, AB, Canada

Poster Board Number CT P34 / Presentation Number CT P34**Tich-2 Trial – Tranexamic Acid for Intracerebral Haemorrhage 2**

Philip M Bath, Kailash Krishnan, Sally Utton, Hayley Foster, Tanya Payne, Margaret Adrian, Sarah Grant, Alice Durham, Katie Robson, Nikola Sprigg, Univ of Nottingham, Nottingham, United Kingdom

Poster Board Number CT P35 / Presentation Number CT P35**The Spot Sign and Tranexamic Acid on Preventing Intracerebral Hemorrhage Growth – AUSTRALASIA Trial**

Nawaf Yassi, Atte Meretoja, Melbourne Brain Ctr @ The Royal Melbourne Hosp, The Univ of Melbourne, Parkville, Australia; Leonid Churilov, Florey Inst of Neuroscience and Mental Health, The Univ of Melbourne, Parkville, Australia; Bruce C Campbell, Melbourne Brain Ctr @ The Royal Melbourne Hosp, The Univ of Melbourne, Parkville, Australia; Christen Barras, Peter Mitchell, Dept of Radiology, The Royal Melbourne Hosp, The Univ of Melbourne, Parkville, Australia; Bernard Yan, Melbourne Brain Ctr @ The Royal Melbourne Hosp, The Univ of Melbourne, Parkville, Australia; Geoffrey A Donnan, Florey Inst of Neuroscience and Mental Health, The Univ of Melbourne, Parkville, Australia; Stephen M Davis, Melbourne Brain Ctr @ The Royal Melbourne Hosp, The Univ of Melbourne, Parkville, Australia; STOP-AUST Investigators

Poster Board Number CT P36 / Presentation Number CT P36**A New Method for Rehabilitating Stroke-induced Dysphagia: A Randomised Controlled Trial of Swallowing Treatment Using Electrical Pharyngeal Stimulation (STEPS)**

Joanna Love, Phagenesis Ltd, Manchester, United Kingdom; Shaheen Hamdy, Manchester Academic Health Sciences Ctr, Salford, United Kingdom; Philip M Bath, Univ of Nottingham, Nottingham, United Kingdom

Poster Board Number CT P37 / Presentation Number CT P37**Carotid Revascularization Endarterectomy vs Stenting Trial (CREST): Long Term Follow-up ($\leq$ Years)**

Alice J Sheffet, Susan E Hughes, MeelLee Tom, Rutgers, The State Univ of New Jersey-New Jersey Medical Sch, Newark, NJ; Ariane Mackey, CHA Hop de L'Enfant-Jesus, Quebec City, QC, Canada; William Brooks, Central Baptist Hosp, Lexington, KY; Wayne Clark, Oregon Health Science Univ, Portland, OR; Judith Lichtman, Yale Univ, New Haven, CT; Jenifer H Voeks, Medical Univ of South Carolina, Charleston, SC; Jason Avery, Univ of Alabama at Birmingham, Birmingham, AL; Mary E Longbottom, Mayo Clinic Florida, Jacksonville, FL; Thomas G Brott, for the CREST Investigators, Mayo Clinic Florida, Jacksonville, FL

Poster Board Number CT P38 / Presentation Number CT P38**ARTSS-2: A Pilot, Phase IIb, Randomized, Multi-center Trial of Argatroban in Combination With Recombinant Tissue Plasminogen Activator for Acute Stroke**

Andrew D Barreto, Univ of Texas Houston Health Science Ctr, Houston, TX; Andrei V Alexandrov, Univ of Alabama, Birmingham, AL; Navdeep Sangha, Zahra Ajani, Kaiser Permanente, Los Angeles, CA; Steven R Levine, Clotilde Balucani, SUNY Downstate, Brooklyn, NY; James Frey, Barrow Neurological Inst, Phoenix, AZ; Loren Shen, Waldo Guerrero, Amber Jacobs, Hari Indurpuri, Rigo Delgado, Univ of Texas Houston Health Science Ctr, Houston, TX; April Sisson, Lynn Merritt, Univ of Alabama, Birmingham, AL; Claudia Pedroza, Mohammad H Rahbar, James C Grotta, Univ of Texas Houston Health Science Ctr, Houston, TX; Gary Ford, Anand Dixit, Claire Oyston, Newcastle Hosp, Newcastle, United Kingdom; Usman Khan, St Georges Healthcare, London, United Kingdom; Martin James, Royal Devon and Exeter, Devon, United Kingdom; Christine Roffe, Univ Hosp of North Staffordshire, Staffordshire, United Kingdom; Bart Piechowski, Kings Coll Hosp, London, United Kingdom; Jesse Dawson, NHS Greater Glasgow and Clyde, Glasgow, United Kingdom; Rob Simister, Univ Coll London Hosp, London, United Kingdom

Poster Board Number CT P39 / Presentation Number CT P39**Shake, Rattle & Roll Trial**

Mai N Nguyen-Huynh, Noelle T Blick, Joseph D Young, Bette Caan, Susan Brown, Julie Schmittiel, Stephen Sidney, Kaiser Permanente, Oakland, CA

Poster Board Number CT P40 / Presentation Number CT P40**Transcranial Direct Current Stimulation (tDCS) Enhanced Stroke Recovery and Cortical Reorganization**

Timea Hodics, Univ Texas SW, Dallas, TX; Alexander W Dromerick, Georgetown Univ, Washington, DC; Benjamin Xu, NINDS, Bethesda, MD; John C Pezzullo, Georgetown Univ, Washington, DC; Bhim Upreti, Univ Texas SW, Dallas, TX; Joseph Hidler, Natl Inst of Rehabilitation, Washington, DC; John Hart, Karen Kowalske, Univ Texas SW, Dallas, TX; Leonardo G Cohen, NINDS, Bethesda, MD

Poster Board Number CT P41 / Presentation Number CT P41**GENETic Determinants of Collateral Status in Stroke – The GENEDCSS Study**

james E faber, Yueh Z Lee, Univ of North Carolina, chapel hill, NC; Bijoy K Menon, Univ of Calgary, Calgary, AB, Canada; David Y Huang, Kirk C Wilhelmsen, William J Powers, Univ of North Carolina, chapel hill, NC; David S Liebeskind, UCLA, Los Angeles, CA; Andrew M Demchuk, Univ of Calgary, Calgary, AB, Canada; Firas Al-Ali, Borgess Brain and Spine Inst, Kalamazoo, MI; Tudor G Jovin, Univ of Pittsburgh, Pittsburgh, PA; Randolph S Marshall, columbia university, New York City, NY; Mark W Parsons, Univ of Newcastle, callaghan, Australia; Marc Ribo, Vall d'Hebron Stroke Ctr, barcelona, Spain; Magdy H Selim, Beth Israel Deaconess Medical Ctr, Boston, MA; Kevin N Sheth, Yale Univ, New Haven, CT; Ashfaq Shuaib, Univ of Edmonton, Edmonton, AB, Canada

Poster Board Number CT P42 / Presentation Number CT P42

Intravenous Transplantation of Mesenchymal Stem Cells Preconditioned With Early Phase Stroke Serum

Suk Jae Kim, Samsung Medical Ctr, Seoul, Korea, Republic of; Gyeong Joon Moon, Samsung Biomedical Res Inst, Seoul, Korea, Republic of; Won Hyuk Chang, Yun-Hee Kim, Gyeong-Moon Kim, Chin-Sang Chung, Kwang Ho Lee, Jun Ho Jang, Samsung Medical Ctr, Seoul, Korea, Republic of; Yoon Mi Kang, Yong Man Kim, Hyun Soo Kim, Pharmicell Corp, Seongnam, Korea, Republic of; Cindy W Yoon, Inha Univ, Incheon, Korea, Republic of; Ji Won Kim, Natl Medical Ctr, Seoul, Korea, Republic of; Soo Kyoung Kim, Gyeongsang Natl Univ Hosp, Chinju, Korea, Republic of; Yeon Soo Ha, Wonkwang Univ, Iksan, Korea, Republic of; Oh Young Bang, Samsung Medical Ctr, Seoul, Korea, Republic of

Poster Board Number CT P43 / Presentation Number CT P43

Safety and Efficacy of Therapeutic Induced HYPERTENSION in Acute

Non-cardioembolic Ischemic Stroke

Suk Jae Kim, Sookyoung Ryoo, Sung-Ji Park, Gyeong-Moon Kim, Chin-Sang Chung, Kwang Ho Lee, Samsung Medical Ctr, Seoul, Korea, Republic of; Soo Kyoung Kim, Gyeongsang Natl Univ Hosp, Chinju, Korea, Republic of; Moon Ku Han, Seoul Natl Univ Bundang Hosp, Seongnam, Korea, Republic of; Sung-Il Sohn, Keimyung Univ, Daegu, Korea, Republic of; Jun Lee, Yeungnam Univ, Daegu, Korea, Republic of; Oeung-Kyu Kim, Inje Univ, Pusan, Korea, Republic of; Pil Wook Chung, Kangbuk Samsung Medical Ctr, Seoul, Korea, Republic of; Sang Min Sung, Pusan Natl Univ, Pusan, Korea, Republic of; Oh Young Bang, Samsung Medical Ctr, Seoul, Korea, Republic of

Poster Board Number CT P44 / Presentation Number CT P44

International Maternal Newborn Stroke Registry

Mariana Ciobanu, Wake Forest Sch of Med, Winston Salem, NC; Adam Kirton, Alberta Children's Hosp, Calgary, AB, Canada; Gabrielle deVeber, Hosp for Sick Children, Toronto, ON, Canada; Cheryl Bushnell, Wake Forest Sch of Med, Winston Salem, NC

Poster Board Number CT P45 / Presentation Number CT P45

Thrombolysis for Minor Ischemic Stroke with Proven Acute Symptomatic Occlusion using TNK-tPA (TEMPO-1)

Veronique Dubuc, Jennifer L Mandzia, Michael D Hill, Carol Kenney, Shelagh B Coutts, Univ of Calgary, Calgary, AB, Canada

Poster Board Number CT P46 / Presentation Number CT P46

Present Status of J-STARS and Substudies

Masayasu Matsumoto, Naohisa Hosomi, Shiro Aoki, Dept of Clinical Neuroscience and Therapeutics, Hiroshima Univ Graduate Sch of Biomedical and Health Sciences, Hiroshima, Japan; Masanori Fukushima, Yoji Nagai, Translational Res Informatics Ctr, Kobe, Japan; Kazuo Minematsu, Chiaki Yokota, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan; Hideki Origasa, Div of Biostatistics and Clinical Epidemiology, Univ of Toyama Graduate Sch of Med and Pharmaceutical Sciences, Toyama, Japan; Shinichiro Uchiyama, Dept of Neurology, Tokyo Women's Medical Univ Sch of Med, Tokyo, Japan; Setsuro Ibayashi, Seiai Rehabilitation Hosp, Fukuoka, Japan; for the J-STARS collaborators

Poster Board Number CT P47 / Presentation Number CT P47

NIH Stroke Trials Network

Laura Sauerbeck, Joseph P Broderick, Univ of Cincinnati Medical Ctr, Cincinnati, OH

Poster Board Number CT P48 / Presentation Number CT P48

Safety and Tolerability of Two Doses of Desmoteplase in Japanese Patients With Acute Ischemic Stroke (DIAS-J): A Randomized, Double-blind, Placebo-controlled Study

Etsuro Mori, Tohoku Univ Graduate Sch of Med, Sendai, Japan; Kazuo Minematsu, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan; Jyoji Nakagawara, Integrative Stroke Imaging Ctr, Dept of Neurosurgery, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan; Takenori Yamaguchi, Natl Cerebral and Cardiovascular Ctr, Osaka, Japan; DIAS-J Trial Investigators

Poster Board Number CT P49 / Presentation Number CT P49

Secondary Stroke Prevention by Uniting Community and Chronic Care Model Teams Early to End Disparities: The SUCCEED Trial

Amytis Towfighi, Univ of Southern California, Rancho Los Amigos Natl Rehabilitation Ctr, Los Angeles, CA; Barbara G Vickrey, Eric M Cheng, Univ of California, Los Angeles, Los Angeles, CA; Nerses Sanossian, Univ of Southern California, Los Angeles, CA; Robert J Bryg, Olive View-UCLA Medical Ctr, Sylmar, CA; Bijal K Mehta, Harbor-UCLA Medical Ctr, Torrance, CA; Lillie Hudson, Univ of Southern California, Los Angeles, CA; Heather McCreath, Monica M Ayala-Rivera, Univ of California, Los Angeles, Los Angeles, CA; Beatrice Martinez, Harbor-UCLA Medical Ctr, Torrance, CA; Phyllis E Willis, Watts Labor Community Action Committee (WLCAC), Los Angeles, CA; Mireya Macias, Worker Education and Resource Ctr, Inc, Los Angeles, CA; Nancy Ibrahim, Esperanza Community Housing, Los Angeles, CA; Shinyi Wu, Magaly Ramirez, Univ of Southern California, Los Angeles, CA; Daniel Myung, Jeremy Wacksman, Dimagi, Inc, Cambridge, MA; Brian S Mittman, Veterans Affairs Greater Los Angeles Healthcare

System, Los Angeles, CA; William E Cunningham, Honghu Liu, Univ of California, Los Angeles, Los Angeles, CA; David A Ganz, Univ of California, Los Angeles, RAND Corp, Los Angeles, CA; Diane Factor, Worker Education & Resource Ctr, Inc, Los Angeles, CA

Poster Board Number CT P50 / Presentation Number CT P50

HEALS (Healthy Eating And Lifestyle after Stroke): A Pilot Trial of a Multidisciplinary Lifestyle Intervention Program for Stroke Survivors

Amytis Towfighi, Univ of Southern California and Rancho Los Amigos Natl Rehabilitation, Los Angeles, CA; Eric M Cheng, Univ of California at Los Angeles, Los Angeles, CA; Natalie Valle, Rancho Los Amigos Natl Rehabilitation Ctr, Downey, CA; Monica Ayala-Rivera, Rancho Los Amigos Natl Rehabilitation Ctr and Univ of California at Los Angeles, Los Angeles, CA; Karina Martinez, Beatrice Martinez, Cynthia Ayala, Heidi Dombish, Annaliese Charlton, Deborah Wang, Dina Ochoa, Rancho Los Amigos Natl Rehabilitation Ctr, Downey, CA; Barbara G Vickrey, Univ of California at Los Angeles, Los Angeles, CA

Poster Board Number CT P51 / Presentation Number CT P51

Advancing Knowledge by Optimising use of Existing Data: VICCTA Collaboration

Azmil H Abdul-Rahim, Myzoon Ali, Rachael L Fulton, Univ of Glasgow, Glasgow, United Kingdom; David A Fitzmaurice, Gregory Y Lip, Univ of Birmingham, Birmingham, United Kingdom; Jonathan Mant, Univ of Cambridge, Cambridge, United Kingdom; Barry R Davis, Univ of Texas Sch of Public Health, Houston, TX; Albert L Waldo, Case Western Reserve Univ, Cleveland, OH; Colin Berry, John J McMurray, John R Petrie, Naveed Sattar, Gordon D Lowe, Univ of Glasgow, Glasgow, United Kingdom; Matthias Herz, F Hoffman-La Roche, Basel, Switzerland; Kennedy R Lees, Univ of Glasgow, Glasgow, United Kingdom; * for VICCTA Steering Committee, VICCTA Collaboration, Glasgow, United Kingdom

Poster Board Number CT P52 / Presentation Number CT P52

Efficacy of Nitric Oxide in Stroke (ENOS) Trial – A Prospective Randomised Controlled Trial in Acute Stroke

Kailash Krishnan, Sally Utton, Hayley Foster, Tanya Payne, Margaret Adrian, Sarah Grant, Alice Durham, Lisa Woodhouse, Philip M Bath, Univ of Nottingham, Nottingham, United Kingdom

Poster Board Number CT P53 / Presentation Number CT P53

A European, Multicentre, Phase III, Clinical Trial of Hypothermia for Acute Ischaemic Stroke: EuroHYP-1

Philip M Bath, Univ of Nottingham, Nottingham, United Kingdom; Kennedy Lees, Inst of Cardiovascular and Medical Sciences, Univ of Glasgow, Glasgow, United Kingdom; Malcom Macleod, Ctr for Brain Sciences, Univesity of Edinburgh, Edinburgh, United Kingdom; Nikola Sprigg, Univ of Nottingham, Nottingham, United Kingdom

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FACULTY

The list of faculty includes invited speakers and moderators for the International Stroke Conference, both ISC Pre-Conference Symposia, and the State-of-the-Science Stroke Nursing Symposium. The American Heart Association/American Stroke Association would like to thank these faculty members for supporting the stroke medical community with their time and expertise.

Opeolu Adeoye, MD, University of Cincinnati, Cincinnati, OH

Maria Aguilar, MD, Mayo Clinic AZ, Phoenix, AZ

Venkatesh Aiyagari, MD, UT Southwestern Medical Center, Dallas, TX

Gregory W Albers, MD, Stanford Stroke Center, Palo Alto, CA

Mark J Albers, MD, UT Southwestern Medical Center, Dallas, TX

Felipe Albuquerque, MD, Barrow Neurological Institute, Phoenix, AZ

Andrei Alexandrov, MD, University of Alabama, Birmingham, AL

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Christopher D Anderson, MD, Massachusetts General Hospital, Boston, MA

Craig Anderson, MD, PhD, George Inst GlobalHealth, Sydney NSW, Australia

Kelly Anderson, BSN, Intermountain Medical Center, Murray, UT

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