SVIN 2015 PROGRAM
8th Annual Meeting &
3rd Annual Stroke Center Workshop

October 15-18, 2015
Hyatt Regency Coconut Point
Bonita Springs, Florida
SCHEDULE AT A GLANCE

WEDNESDAY, OCTOBER 14
4:00 pm - 8:00 pm Registration/Help Desk ................................................................. Calusa Foyer

THURSDAY, OCTOBER 15
6:30 am - 6:00 pm Registration/Help Desk ................................................................. Calusa Foyer
7:45 am - 5:00 pm Stroke Center Workshop ................................................................. Calusa Ballroom (A-D)
7:45 am - 6:00 pm Welcome
8:00 am - 9:30 am Making EMS Stroke Triage Decisions—PSC or CSC—Optimizing Pre-Hospital Stroke Care
9:30 am - 10:30 am Developing a Stroke Interventional Lab to treat Large Vessel Occlusions
10:30 am - 10:45 am Break ............................................................................................... Calusa Foyer
10:45 am - 12:15 pm Healthcare Systems - Industry Roundtable: Medical Devices, Tele-Health Technology, & Successful Stroke Centers
12:15 pm - 12:45 pm Lunch Buffet ................................................................................. Calusa Foyer
12:45 pm - 1:30 pm Think Global, Act Local: Opportunities for Global Growth of Stroke Interventions Worldwide
1:30 pm - 3:00 pm Building Blocks for a Successful Stroke Center
3:00 pm - 3:15 pm Break ............................................................................................... Calusa Foyer
3:15 pm - 4:55 pm The Business of Stroke System Management
4:55 pm - 5:00 pm Closing Remarks
6:00 pm - 7:30 pm Opening Reception (All are Welcome) ............................................. Belvedere Terrace
6:00 pm - 8:00 pm Board Meeting ................................................................................. Sanibel

FRIDAY, OCTOBER 16
6:30 am - 6:00 pm Registration/Help Desk ................................................................. Calusa Foyer
6:45 am - 6:00 am Breakfast ......................................................................................... Calusa Ballroom (E-H)
6:45 am - 7:00 am Exhibit Hall ...................................................................................... Calusa Ballroom (E-H)
7:00 am - 4:00 pm Medtronic Technology Suite .......................................................... Great Egret
7:55 am - 5:35 pm Annual Meeting General Session ..................................................... Calusa Ballroom (A-D)
7:55 am - 8:00 am Welcome
8:00 am - 9:40 am Session 1: OK, So Embolectomy Works. Can We Make it More Effective and Safer?
9:40 am - 10:10 am Break with Exhibitors ......................................................................... Calusa Ballroom (E-H)
10:10 am - 11:20 am Session 2: Embolectomy: How To Speed Things Up
11:20 am - 11:50 am Session 2.1 Complications and Complex Cases—AIS
11:50 am - 12:10 pm Lunch Buffet ................................................................................. Calusa Foyer
12:10 pm - 12:50 pm Medtronic Symposium: Advancing Patient Care Through Evidence and Technology (Non-CME) ........................................... Calusa Ballroom (A-D)
12:50 pm - 1:30 pm Penumbra Symposium: Management of Acute Ischemic Stroke Treatment: A European Perspective (Non-CME) ......................................................... Calusa Ballroom (A-D)
1:30 pm - 2:30 pm Platform Session I
2:30 pm - 3:40 pm Session 3: Aneurysms and AVMs—Questions
3:40 pm - 3:55 pm Break with Exhibitors ......................................................................... Calusa Ballroom (E-H)
3:55 pm - 5:15 pm Session 4: Subarachnoid and Intracranial Hemorrhage Practical Considerations
5:15 pm - 5:35 pm Session 4.1 Complications and Complex Cases—SAH
6:00 pm - 7:30 pm Members-in-Training Reception ......................................................... Driftwood

SATURDAY, OCTOBER 17
6:30 am - 6:00 pm Registration/Help Desk ................................................................. Calusa Foyer
6:45 am - 6:00 am Breakfast ......................................................................................... Calusa Ballroom (E-H)
6:45 am - 7:00 am Exhibit Hall ...................................................................................... Calusa Ballroom (E-H)
7:00 am - 4:00 pm Stryker Technology Suite ................................................................. Great Egret
7:00 am - 8:00 am International Breakfast Corner ......................................................... Driftwood
8:00 am - 9:10 pm Annual Meeting General Session ..................................................... Calusa Ballroom (A-D)
8:00 am - 9:00 am Session 5: Is Intracranial Stenting Still a Treatment Option?
9:00 am - 10:00 am Platform Session II
10:00 am - 10:30 am Break with Exhibitors ......................................................................... Calusa Ballroom (E-H)
10:30 am - 11:40 am Session 6: Endovascular on the Fly: Great Saves and Innovative Approaches
11:40 am - 12:15 pm Presidential Address and Annual Business Meeting ........................ Calusa Ballroom (A-D)
12:15 pm - 12:30 pm Lunch Buffet ................................................................................ Calusa Foyer
12:30 pm - 1:30 pm Stryker Lunch Symposium (Non-CME) ............................................. Calusa Ballroom (A-D)
1:30 pm - 3:15 pm Session 7: New Devices and International Perspectives
3:15 pm - 3:45 pm Break with Exhibitors ......................................................................... Calusa Ballroom (E-H)
3:45 pm - 4:45 pm Session 8: Edited Live Cases
4:45 pm - 5:10 pm Session 8.1 Why I Wish I Had Never Done That: Complications, Pretreatment Factors That Should Not Have Been Ignored
6:00 pm - 9:00 pm Poster Session and Dinner Reception ................................................ Calusa Terrace

SUNDAY, OCTOBER 18
6:30 am - 1:00 pm Registration/Help Desk ................................................................. Calusa Foyer
6:45 am - 8:00 am Breakfast ......................................................................................... Calusa Ballroom (E-H)
6:45 am - 10:30 am Exhibit Hall ...................................................................................... Calusa Ballroom (E-H)
8:00 am - 1:00 pm General Session ................................................................................ Calusa Ballroom (A-D)
8:00 am - 10:00 am Session 9: Extracranial Occlusive Disease
10:00 am - 10:30 am Break with Exhibitors ......................................................................... Calusa Ballroom (E-H)
10:30 am - 12:30 pm Session 10: Endovascular Poptour
12:30 pm - 1:00 pm Session 11: Late Breaking Clinical Trials
1:00 pm Meeting Adjourns
Welcome

The Society of Vascular and Interventional Neurology (SVIN) welcomes you to the 8th Annual Meeting at the Hyatt Regency Coconut Point in Bonita Springs, Florida! SVIN membership continues to broaden in terms of professional backgrounds, levels of training and experience. We are aligning ourselves with International partners and thought leaders to learn from each other’s best practices and further collaborate to further improve the outcome of patients. This year’s annual meeting will reflect the diversity of our membership, the strong ethic of collaboration and our commitment to advancing patient care and research within the fields of vascular and interventional neurology.

We look forward to an exciting meeting, made stronger by your presence, which will provide a forum to come together from across the globe to share innovations, advance our knowledge through didactic sessions and hands-on training opportunities as well as address issues confronting our field today.

Each year SVIN’s highly successful annual meeting has grown in an effort to meet the mission statement of the society. To that regard, the pre-conference day is focused on elevating SVIN’s goal of optimizing the stroke infrastructure to enable more patients to receive life-saving medical device therapies on time. This year will mark the 3rd pre-conference Annual Stroke Center Workshop and includes an interactive Medical Device CEO Roundtable. Vallabh Janardhan, MD, FSVIN and his team have put together an outstanding program intended to bring together healthcare systems, hospital administrators, physician and nurse stroke champions, emergency medical services leaders and industry leaders (Tele-health, Pharma, and Medical Device) who are interested in learning the requisite components of building, certifying and sustaining a successful stroke center. New this year, there will be an interactive panel discussion on Thursday afternoon titled Think Global, Act Local: Opportunities for Growth of Stroke Interventions Worldwide.

In response to society member feedback, we have increased the opportunity for open dialogue through panel discussions, debate-style sessions and social gatherings. As you look through the program agenda you will see our dedication to foster scientific advancement in the area of cerebrovascular diseases as well as deliver educational content on the depth and innovations within the field. Along that note, SVIN is honored to feature Michael Frankel, MD as the Keynote Lecturer. He will present on the Challenges and Pitfalls of Building a Stroke and Endovascular Center as a Neurologist. Join other experts and lend your insights as we promote advancement in the topics that are at the forefront of our field today.

As a testament to the importance of SVIN and the Annual Meeting, we are pleased to announce that very important new data will be presented during the Late Breaking Trials Session on Sunday, October 18, including data from ESCAPE, SWIFT Prime, and BEST-MSU. Plan on staying for the whole meeting to get the latest science and the most out of the annual meeting!

Additionally, we wish to acknowledge the gracious assistance and participation of all our annual meeting supporters and exhibitors. Please be sure to visit the exhibitors and supporters during the exhibit hours and make plans to attend the technology suites. Further information can be found in this brochure.

The Abstract Committee, Chaired by Alicia Castonguay, PhD, met the challenge of choosing the best scientific abstracts from the 100+ excellent submissions. The committee has been working diligently to bring out the best of SVIN science in two platform presentation sessions and a poster reception led by professors, which will take place on Saturday. There will be plenty of time to socialize with peers and leaders and visit posters! Also, make a point to join us at the Opening Reception on Thursday night to celebrate the start of an exciting meeting.

I want to personally thank the Annual Meeting Committee, Abstract Committee, Fundraising Committee, Stroke Center Workshop Co-Chairs, SVIN’s Executive Board and Board of Directors, as well as everyone else who have generously donated their time and efforts to help put together this outstanding meeting.

I look forward to a wonderful time learning, networking and having fun with all of you in Florida!
STROKE CENTER WORKSHOP
The Stroke Center Workshop will kick-start the Annual Meeting. There is an unmet need for expanding stroke centers of excellence across the country and healthcare systems, stakeholders involved in the stroke chain of survival, and industry need to join hands in making this a reality. This workshop is intended to bring together healthcare system leadership and administrators, hospital administrators, service line leaders, physician and nurse stroke champions, emergency department (ED) and emergency medical services (EMS) leaders, and industry leaders (Tele-health, Pharmaceutical, and Medical Device) who are interested in learning the requisite components of building, certifying and sustaining a successful stroke center. The workshop will also highlight the business side of developing Stroke Centers and Stroke Systems of Care.

SVIN ANNUAL MEETING
The SVIN Annual Meeting has become a premier academic venue with scientific presentations covering the full spectrum of cerebrovascular diseases and stroke. Topics to be addressed include embolectomy, aneurysms and AVMs, subarachnoid and intracranial hemorrhage, endovascular saves and innovative approaches, new device review, international perspectives, and other related topics. Our speakers are leaders in the field. Given the high level of the field-specific presentations, we anticipate continued attendance by a large proportion of interventional neurology and related endovascular practitioners as well as neurologists interested and subspecialized in the care of patients with vascular diseases.
LEARNING OBJECTIVES/TARGET AUDIENCE
SVIN 3rd Annual Stroke Center Workshop Learning Objectives
Upon completion of this workshop, attendees will be able to: 1) Discuss the differences between Stroke Certification and Designation and its impact on EMS triage; 2) Describe EMS stroke triage decision process and parallels with STEMI and Trauma Systems of care; 3) Optimize pre-hospital Stroke care for large vessel occlusion (LVO) acute ischemic stroke (AIS); 4) Develop a Stroke Interventional Lab similar to a Primary Coronary Intervention (PCI) lab; 5) Describe the infrastructure & personnel requirements for developing a Stroke Interventional Lab, including core services, technology & nursing staff; 6) Summarize the economics of becoming a Certified Primary (PSC) or Comprehensive Stroke Center (CSC); 7) Discuss the role of Tele-stroke in the ER as well as ambulance; 8) Explore advanced technology utilization in stroke care delivery models and stroke center development to better understand the role of interventional devices at the CSC; 9) Identify the building blocks of developing a stroke center and the infrastructure needed to develop a Stroke System of Care; and 10) Review the business side of a stroke center and the quality metrics to maintain a successful stroke center.

SVIN 8th Annual Meeting Learning Objectives
Upon completion of this meeting, attendees will be able to: 1) Identify measures aimed at improving the safety and efficacy of reperfusion therapy in the modern area; 2) Describe measures and best practices aimed at decreasing door to intervention times; 3) Apply best practice in patient selection for acute ischemic stroke endovascular revascularization therapy; 4) Discuss the critical role of the medical management of neuro-endovascular therapy patients before, during and post-procedure; 5) Review current literature and recommendations for patients with intracranial atherosclerotic disease; 6) Describe practical issues in the endovascular management of patients with intracranial atherosclerotic disease; 7) Review current medical, surgical and endovascular treatment options for patients with cervical atherosclerotic disease; 8) Discuss the endovascular management of non-atherosclerotic carotid and great vessel disease; 9) Analyze the factors associated with complications and their management in neuro-endovascular procedures; 10) Obtain an international perspective on the field of interventional neurology; 11) Describe practical issues in the endovascular management of cerebral vascular malformations and aneurysms; 12) Describe new techniques and devices for the treatment cerebral aneurysms; 13) Highlight emerging technologies and advances in the fields of vascular neurology and neurointerventions; and 14) Describe practical issues in the operation of a vascular and interventional neurology clinical practice.

Target Audience for SVIN and Stroke Workshop
Neuro-Interventionists, Interventional Neurologists, Interventional Neuro-Radiologists, Endovascular Neurosurgeons, Vascular Neurologists, Neurointensivists, Stroke Neurologists, Critical Care Physicians, Other Related Neurological or Endovascular Practitioners Hospital Administration, Nurse Leaders, CMO’s, Stroke Medical Directors, Industry Leadership (CEO’s, CMO’s, CTO’s, VP’s Of Medical Device, Pharmaceutical And Telemedicine Companies), ED Leadership, EMS Leadership (EMS Medical Directors, EMS/Fire Chiefs), ICU Leadership (ICU Directors, Neuro ICU Medical Directors), Interventional Lab Leadership (Radiology Directors, Supply Chain Management), Advanced Nurse Practitioners, Residents, student, and Fellows-in-Training.

EXHIBIT HALL HOURS:
Friday, October 16 6:45 am - 5:00 pm
Saturday, October 17 6:45 am - 5:00 pm
Sunday, October 18 6:45 am - 10:30 am

REGISTRATION/HELP DESK HOURS | CALUSA FOYER:
Wednesday, October 14 4:00 pm - 8:00 pm
Thursday, October 15 6:30 am - 6:00 pm
Friday, October 16 6:30 am - 6:00 pm
Saturday, October 17 6:30 am - 6:00 pm
Sunday, October 18 6:30 am - 1:00 pm

WIFI INSTRUCTIONS:
1. Select the wireless network “Hyatt Meeting”
2. Start your Internet browser and go to a public website
3. Enter the following access code: SVIN2015
4. Accept “Terms of Service”

Complimentary WIFI coverage will be available in the general session at the Hyatt Regency Coconut Point.

SVIN MOBILE MEETING APP:
To access the NANOS Mobile App:
1. Visit your smartphone’s app store and search for MA eProgram
2. Download and open the mobile app.
3. Scan the QR code below OR enter the following login information:
   Username: svin2015
   Password: svin2015

Features:
- Full Program Schedule
- Faculty Listing
- Exhibit and Support Guide
- Program Search Function
- Poster and Platform Abstracts
- Attendee List
- Help Information (CME, presenter instructions, etc.)

CME Information:
Please see page 14 for complete CME/CE information.
Visit akhcme.com/svin to complete the online meeting evaluation and claim your CME/CE credits.
OFFICERS:
President
Tudor Jovin, MD, FSVIN
President Elect
Raul G. Nogueira, MD, FSVIN
Secretary
Andrew Xavier, MD, FSVIN
Treasurer
Vallabh Janardhan, MD, FSVIN
Immediate Past President
Dileep R. Yavagal, MD, MBBS, FSVIN

Board of Directors:
Alex Abou-Chebl, MD, FSVIN
Andrei V. Alexandrov, MD, FSVIN
Randall Edgell, MD, FSVIN
Lucas Eliovich, MD
Johanna T. Fifi, MD
David Liebeskind, MD
Italo Linfante, MD, FSVIN
Thanh Nguyen, MD, FSVIN
Robin Novakovic, MD
Marc Ribó, MD
Jeffrey Saver, MD

Past President
Sam O. Zaidat, MD, MS, FSVIN

Executive Director
Janel Fick

SVIN would like to extend a special thank you to the following individuals for their contributions to the SVIN 2015 Meeting:

SVIN 2015 Abstract Committee
Chair: Alicia Castonguay, PhD
Michael G. Abraham, BA, MD
Fawaz Al-Mufti, MD
Muhammad Asif Taqi, MD
Aamir Badruddin, MD
Jawad Kirmani, MD, FSVIN
Marc Lazzaro, MD, MS
Eugene Lin, MD
Italo Linfante, MD, FSVIN
Sonal Mehta, MD
Thanh Nguyen, MD, FSVIN
Robin Novakovic, MD
Edgar A. Samaniego, MD, MS
Fawad Shaheen, MD
Mohamed Teleb, MD
Sam Zaidat, MD, FSVIN

SVIN 2015 Annual Meeting Committee
Chair: Alex Abou-Chebl, MD, FSVIN
Michael G. Abraham
Steve M. Cordina, MD
Joey English, MD
Johanna T. Fifi, MD
Vallabh Janardhan, MD, FSVIN
Italo Linfante, MD, FSVIN
Robin Novakovic, MD, FSVIN
Thanh Nguyen, MD, FSVIN
Shuichi Suzuki, MD, PhD
Sam Zaidat, MD, MS, FSVIN

SVIN 2015 Fundraising Committee
Chair: Italo Linfante, MD, FSVIN
Alicia Castonguay, PhD
Vallabh Janardhan, MD, FSVIN
Thanh Nguyen, MD, FSVIN
Robin Novakovic, MD, FSVIN
Dileep Yavagal, MD, FSVIN

SVIN would like to extend a special welcome to all international attendees!

SVIN is building a foundation by which we strategically align ourselves with partners and thought leaders in the field! Vascular and interventional neurology is truly an international discipline where care of patients is improved by learning from each other’s best practices and working to collaborate will further improve the outcome of patients. All international meeting attendees are invited to attend the following internationally focused events:

International Chapters Lunch Symposium and Panel Discussion: Think Global, Act Local: Opportunities for Growth of Stroke Interventions Worldwide
Thursday, October 15 from 12:45 pm - 1:30 pm in Calusa (A-D)

International Breakfast Corner
Saturday, October 17 from 7:00 am – 8:00 am in Driftwood

Congratulations to the Following SVIN 2015 Fellow Travel Grant Awardees:
Norman Ajiboye, MD
Ahamza Al-Bayati, MD
Fawaz Al-Mufti, MD
Sushrut Dharmadhikari, MD
Mohamad Ezzeldin, MD
Vinit Gupta, MD
Vishal Jani, MD
Tareq Kass-Hout, MD
Cynthia L. Kenmuir, MD, PhD
Priyank Khandelwal, MD
Andrey Lima, MD
Laura Markham, MD
Suman Nalluri, MD
Thomas James Oxley, MD
Vijay Mahadev Pandav, MD
Mazen Noufal, MD
Gautam Sachdeva, MD
Tejmina Salahuddin, MD
Sameer Sharma, MBBS
Hazem Shoirah, MD
Yamin Shwe, MD
Niki Swamy, MD
Wled Wazni, MD

Integra Foundation contributed $2,500 in support for the SVIN 2015 Fellow of Travel Grant Awards.

SVIN TOP SUPPORTERS
SVIN would like to thank the following Top Supporters:

Endorsements
The following organizations endorse the SVIN 3rd Annual Stroke Center Workshop and 8th Annual Meeting:

SVIN FUNDRAISER
30% OF PROCEEDS GO TO SVIN

‘Angiogram’ by Leah Guzman

Artist, Leah Guzman, will be selling her Brain Series paintings at the SVIN 2015 Meeting and will be donating 30% of the proceeds from her sales to SVIN. Please stop by her table which will be located in the Calusa Foyer and make a purchase.

Leah Guzman, ATR-BC
www.leahguzman.com
Wednesday, October 14

4:00 pm - 8:00 pm  Registration/Help Desk ................................................................. Calusa Foyer

Thursday, October 15  Stroke Center Workshop

6:30 am - 6:00 pm  Registration/Help Desk ................................................................. Calusa Foyer
7:45 am - 5:00 pm  Stroke Center Workshop ................................................................. Calusa Ballroom (A-D)
Chair: Vallabh Janardhan, MD, FSVIN
Co-Chairs: Anita Guthmann, RN, BSHM, Lori Massaro, MSN, CRNP,
Sharon Eberlein, RN, MBA, BSN, NE-BC, and Anne W. Alexandrov, PhD, RN,
CCRN, NVRN-BC, ANVP-BC, FAAN

7:45 am - 8:00 am  Welcome
8:00 am - 9:30 am  Making EMS Stroke Triage Decisions– PSC or CSC –Optimizing Pre-Hospital Stroke Care
Moderator: Sharon Eberlein, RN, MBA, BSN, NE-BC

8:00 am - 8:15 am  EMS Stroke Triage: Impact of State-Wide Criteria for Stroke Center Certification and Designation, Vallabh Janardhan, MD, FSVIN
8:15 am - 8:30 am  How to Optimize Stroke Care Delivery in the Ambulance En-Route to a PSC or CSC: Pre-Hospital Lab Draws, EKG Transmission, and the 30-Minute Door to Needle (D2N) Challenge, Sharon Eberlein, RN, MBA, BSN, NE-BC
8:30 am - 8:45 am  How to Determine “Who Goes Where” – PSC vs. CSC, Albert Yoo, MD
8:45 am - 9:00 am  “Mothership Model”: Stroke Patients Should Be Triaged to the Most Appropriate Stroke Center, Paul Hansen, MD
9:00 am - 9:15 am  “Drip and Ship Model”: Stroke Patients Should Be Triaged to the Nearest Stroke Center, Joey English, MD, PhD
9:15 am - 9:30 am  Q&A

9:30 am - 10:30 am  Developing a Stroke Interventional Lab to treat Large Vessel Occlusions
Moderator: Lori Massaro, MSN, CRNP

9:30 am - 9:45 am  Building a Stroke Interventional Lab: SVIN Stroke Interventional Lab Consensus (SILC) Criteria, Tanzila Shams, MD
9:45 am - 10:00 am  Staffing Models: Avoid the Pitfall of Staff Burn-Out in a Busy Stroke Interventional Lab, Anita Guthmann, RN, BSHM

10:00 am - 10:15 am  Organizing Research Infrastructure and Training Staff Within Stroke Centers to Support Endovascular Stroke Trials and Quality Improvement, Tudor Jovin, MD, FSVIN

10:15 am - 10:30 am  Business Impact of Developing a Comprehensive Stroke Center with a Stroke Interventional Lab, Lori Massaro, MSN, CRNP

10:30 am - 10:45 am  Break ....................................................................................... Calusa Foyer
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 10:45 am  | **Healthcare Systems - Industry Roundtable: Medical Devices, Tele-Health Technology, & Successful Stroke Centers**

Moderator: Vallabh Janardhan, MD, FSVIN, Lori Massaro, MSN, CRNP and Anita Guthmann, RN, BSHM

10:45 am - 11:15 am  
“The Role of Tele-Stroke In The ER vs. The Ambulance in the New Era of Endovascular Treatments for LVO Acute Ischemic Strokes”

Tele-Health Technology Roundtable, Panel Discussion

Panel Moderators: Lori Massaro, MSN, CRNP and Anita Guthmann, RN, BSHM

11:15 am - 11:30 am  
Q&A

11:30 am - 12:15 pm  
Medical Device Industry CEO Roundtable, Panel Discussion

Panel Moderator: Vallabh Janardhan, MD, FSVIN

Industry Panel: Medtronic, MicroVention, Penumbra, and Stryker Neurovascular

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:15 pm</td>
<td>Lunch Buffet  ......................................................................................................................... Calusa Foyer</td>
</tr>
</tbody>
</table>
| 12:45 pm  | **Think Global, Act Local: Opportunities for Growth of Stroke Interventions Worldwide,**

SVIN International Chapters Lunch Symposium,

Panel Discussion .................................................................Calusa Ballroom(A-D)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 1:30 pm   | **Building Blocks for a Successful Stroke Center**

Moderator: Anita Guthmann, RN, BSHM

1:30 pm - 1:45 pm  
Decoding the 2015 AHA/ASA Focused Update for Acute Ischemic Stroke Regarding Endovascular Therapy and Stroke Systems of Care, Dileep Yavagal, MD, MBBS, FSVIN

1:45 pm - 2:00 pm  
Optimizing Door to Perfusion Times in LVO Acute Ischemic Stroke: Lessons Learned from Door to Balloon Times in STEMI’s, Brijesh Mehta, MD

2:00 pm - 2:15 pm  
Staffing Models for Healthcare Systems That Have Multiple Stroke Interventional Labs within a Local Geography, Johanna T. Fifi, MD

2:15 pm - 2:45 pm  
Developing a Business Plan and Staffing Model for a Financially Viable Neurocritical Care Unit, Patricia Santos, BSN, CNRN, RN

2:45 pm - 3:00 pm  
Developing a Dynamic Stroke Unit, Anne W. Alexandrov, PhD, CCRN, NVRN-BC, ANVP-BC, FAAN

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00 pm</td>
<td>Break  ........................................................................................................................................ Calusa Foyer</td>
</tr>
</tbody>
</table>
| 3:15 pm   | **The Business of Stroke System Management**

Moderator: Anne W. Alexandrov, PhD, RN, CCRN, NVRN-BC, ANVP-BC, FAAN

3:15 pm - 3:45 pm  
Developing Strong Stroke Center Service Line Management, Dana Beenstock, MSN, APN, ANVP-BC

3:45 pm - 4:15 pm  
Stroke Coordinators vs. Stroke Data Support: Role Differentiation and New Data Management Tools that can Assist, Fern Cudlip, MSN, FNP, CNRN, ANVP

4:15 pm - 4:30 pm  

4:30 pm - 4:45 pm  
Evolving Quality Metrics for Acute Stroke: Are You Ready?, Buddy Connors, MD

4:45 pm - 4:55 pm  
Panel Discussion

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:55 pm</td>
<td>Closing Remarks  .........................................................................................................................</td>
</tr>
<tr>
<td>6:00 pm</td>
<td>Opening Reception (All are Welcome) ................................................................................................Belvedere Terrace</td>
</tr>
<tr>
<td>6:00 pm</td>
<td>Board Meeting ..............................................................................................................................Sanibel</td>
</tr>
<tr>
<td>Time</td>
<td>Session Details</td>
</tr>
<tr>
<td>--------------------</td>
<td>----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>6:30 am - 6:00 pm</td>
<td>Registration/Help Desk ................................................................................................................. Calusa Foyer</td>
</tr>
<tr>
<td>6:45 am - 6:00 pm</td>
<td>Breakfast ........................................................................................................................................ Calusa Ballroom (E-H)</td>
</tr>
<tr>
<td>6:45 am - 5:00 pm</td>
<td>Exhibit Hall ................................................................................................................................. Calusa Ballroom (E-H)</td>
</tr>
<tr>
<td>7:00 am - 4:00 pm</td>
<td>Medtronic Technology Suite ........................................................................................................... Great Egret</td>
</tr>
<tr>
<td>7:55 am - 5:35 pm</td>
<td>General Session ......................................................................................................................... Calusa Ballroom (A-D)</td>
</tr>
<tr>
<td>7:55 am - 8:00 am</td>
<td>Welcome</td>
</tr>
</tbody>
</table>
| 8:00 am - 9:40 am  | Session 1: OK, So Embolectomy Works: Can We Make it More Effective and Safer?  
Moderators: Mayank Goyal, MD, FRCPC and Tudor Jovin, MD, FSVIN  
8:00 am - 8:10 am  | Patient Selection: Clinical, Multimodal Imaging or Just a CT and CTA?, Mayank Goyal, MD, FRCPC |
| 8:10 am - 8:20 am  | Patient Selection post IV tPA: Who and When?, Mayank Goyal, MD, FRCPC |
| 8:20 am - 8:30 am  | Local or General Anesthesia, Alex Abou-Chebl, MD, FSVIN  
Adjunctive Treatment: Fibrinolytics, Glycoprotein IIb/IIIa, Other Devices: Who and When?, Tudor Jovin, MD, FSVIN |
| 8:40 am - 8:50 am  | Neurocritical Care: How Important is BP Control Pre, Intra, Post-Operatively?, Michael A. De Georgia, MD, FACP, FAHA, FCCM |
| 8:50 am - 9:00 am  | Is There a Role for Hyperthermia with Embolectomy?, Michael A. De Georgia, MD, FACP, FAHA, FCCM |
| 9:00 am - 9:10 am  | Hypothermia in Acute Stroke: The Chinese Experience, Ji Xunming, MD, PhD, MBA |
| 9:10 am - 9:20 am  | Is there a Role for Adjunctive Pharmacological Neuroprotection with Embolectomy?, Jeffrey Saver, MD |
| 9:20 am - 9:30 am  | Carotid/Vertebral Artery Stenosis in AIS: Which to Treat or Distal Lesion?, Raul Nogueira, MD, FSVIN  
Panel Discussion |
| 9:40 am - 10:10 am | Break with Exhibitors .................................................................................................................. Calusa Ballroom (E-H) |
| 10:10 am - 11:20 am | Session 2: Embolectomy: How To Speed Things Up  
Moderators: Raul Nogueira, MD, FSVIN and Mayank Goyal, MD, FRCPC  
10:10 am - 10:20 am | Shortening Ictus to First Embolectomy Pass, Raul Nogueira, MD, FSVIN |
| 10:20 am - 10:30 am | What Role does EMS have on the Stroke Team?, Brijesh Mehta, MD |
| 10:30 am - 10:40 am | The Canadian Approach, Mayank Goyal, MD, FRCPC |
| 10:40 am - 10:50 am | How to Speed Things Up After Hours, Ashutosh JadHAV, MD, PhD |
| 10:50 am - 11:00 am | The Cardiology Perspective, Rita Coram, MD, FACC  
Get Away from that Groin! Radial and other Access Routes: What You Need to Know About the Anatomy and Complications, Rita Coram, MD, FACC  
Q&A |
| 11:10 am - 11:20 am | Q&A |
| 11:20 am - 11:50 am | Session 2.1 Complications and Complex Cases- AIS  
Moderator: Alex Abou-Chebl, MD, FSVIN & Italo Linfante, MD, FAHA, FSVIN  
11:20 am - 11:30 am | Stent Retriever Detachment: A Case Series, Hesham Masoud, MD |
| 11:30 am - 11:40 am | Complicated Vein of Galen Malformation, Lucas Elijovich, MD |
| 11:40 am - 11:50 am | Basilar Artery Thromboaspiration and Hemorrhage, Paul Hansen, MD |
| 11:50 am - 12:10 pm | Lunch Buffet .............................................................................................................................. Calusa Foyer  
Please grab your lunch and return directly back to the general session room for the start of the afternoon industry symposia.
12:10 pm - 12:50 pm
Medtronic Symposium: Non-CME...................... Calusa Ballroom (A-D)
Advancing Patient Care Through Evidence and Technology

- The Cost Effectiveness of the Solitaire™ Revascularization Device as an Adjunct to IV-tPA for Acute Ischemic Stroke,
  Jeffrey Saver, MD, Professor of Neurology, Geffen School of Medicine at UCLA, Director, UCLA Comprehensive Stroke Center

- The Arc Support Catheter & Solitaire System: A New Generation of Delivery and Support for the Most Clinically Proven Stent Retrieval Device,
  Sanjeev Nayak, MD, Neuroradiologist, University Hospital of North Staffordshire

12:50 pm - 1:30 pm
Penumbra Symposium: Non-CME ......................... Calusa Ballroom (A-D)
Management of Acute Ischemic Stroke Treatment: A European Perspective

1:30 pm - 2:30 pm
Platform Session I
Moderators: Italo Linfante, MD, FAHA, FSVIN and Mohamed Teleb, MD

- 1:30 pm - 1:40 pm
Improving Utilization Rates of Comprehensive Stroke Services;
  The Impact of a Regional Approach,
  Stacey M. Lang, MD

- 1:40 pm - 1:50 pm
Implications of Adherence to 2015 AHA Guidelines for Mechanical Thrombectomy (MT) in Emergent Large Vessel Occlusion (ELVO),
  Rohini Bhole, MD

- 1:50 pm - 2:00 pm
Preliminary Results of the Prospective Trevo Retriever Registry,
  Joey English, MD, PhD

- 2:00 pm - 2:10 pm
Mechanical Thrombectomy in Pediatric Patients with Large Vessel Occlusion: Clinical Case Series,
  Viktor Szeder, MD, PhD, MSC

- 2:10 pm - 2:20 pm
Outcomes of Thrombectomy in Tandem Compared to Isolated Intracranial Occlusions,
  Diogo C. Haussen, MD

- 2:20 pm - 2:30 pm
Mechanical Thrombectomy in Pediatric Patients with Large Vessel Occlusion: Clinical Case Series,
  Viktor Szeder, MD, PhD, MSC

2:30 pm - 3:40 pm
Session 3: Aneurysms and AVMs- Questions
Moderators: Johanna T. Fifi, MD and Shuichi Suzuki, MD, PhD

- 2:30 pm - 2:40 pm
Incomplete vs. Complete Treatment of Ruptured Aneurysms:
  When Do You Stop?,
  Alberto Maud, MD

- 2:40 pm - 2:50 pm
SAH with Multiple Aneurysms: Which Aneurysm Do You Coil?,
  Muhammad Asif Taqi, MD, FAHA

- 2:50 pm - 3:00 pm
Coil Oversizing vs. Undersizing?,
  Rakesh Khatri, MD, FAHA

- 3:00 pm - 3:10 pm
Intra-op Aneurysm Rupture: Always Use a Balloon, Have it on the Table, or Have it in the Room?,
  Thanh Nguyen, MD, FRCP, FSVIN

- 3:10 pm - 3:20 pm
Aneurysm Follow-up: What Imaging Modality and When?,
  Robin Novakovic, MD

- 3:20 pm - 3:40 pm
Q&A

3:40 pm - 3:55 pm
Break with Exhibitors ........................................ Calusa Ballroom (E-H)

3:55 pm - 5:15 pm
Session 4: Subarachnoid and Intracranial Hemorrhage Practical Considerations
Moderators: Raul Nogueira, MD, FSVIN and Michael G. Abraham, BA, MD

- 3:55 pm - 4:05 pm
SAH Vasospasm: Which Neuro-Imaging Modality is Best?,
  Michael G. Abraham, BA, MD

- 4:05 pm - 4:15 pm
Indications for Treatment of Vasospasm: Medical and Endovascular,
  Shuichi Suzuki, MD, PhD
4:15 pm - 4:25 pm  The Late Presenting SAH with Untreated Aneurysm and Vasospasm,  
Sam Zaidat, MD, MS, FSVIN

4:25 pm - 4:35 pm  Vein of Galen Malformations- Technical Primer:  
The Essentials, Johanna T. Fifi, MD

4:35 pm - 4:45 pm  AVM Embolization Timing: Early or Late After Hemorrhage?,  
Ameer E. Hassan, DO

4:45 pm - 4:55 pm  Embolization of High Grade Non-Hemorrhagic AVMs:  
Dos and Don’ts, Michael G. Abraham, BA, MD

4:55 pm - 5:05 pm  When Onyx/n-BCA Goes Where it Should Not,  
Sam Zaidat, MD, MS, FSVIN

5:05 pm - 5:15 pm  Q&A

5:15 pm - 5:35 pm  Session 4.1 Complications and Complex Cases- SAH  
Moderator: Thanh Nguyen, MD, FRCP , FSVIN and Mayank Goyal, MD, FRCPC

Q&A

5:20 pm - 5:25 pm  Complication of Balloon Remodeling in a Ruptured Aneurysm,  
Suman Nalluri, MD

5:25 pm - 5:30 pm  Q&A

6:00 pm - 7:30 pm  Members-in-Training Reception.................................Driftwood  
All students, residents, and fellows-in-training are encouraged to attend.

Saturday, October 17  Annual Meeting

6:30 am - 6:00 pm  Registration/Help Desk ................................................. Calusa Foyer

6:45 am - 8:00 am  Breakfast ................................................................. Calusa Ballroom (E-H)

6:45 am - 5:00 pm  Exhibit Hall.............................................................. Calusa Ballroom (E-H)

7:00 am - 4:00 pm  Stryker Technology Suite .............................Great Egret

7:00 am - 8:00 am  International Breakfast Corner ......................Driftwood

All International attendees are invited to attend this breakfast. Join international colleagues and members of SVIN leadership to discuss further collaboration on international initiatives, research projects, membership, mentorship, and utilizing best practices in the field. SVIN is also working to develop International Chapters and we welcome input!

8:00 am - 5:10 pm  General Session ......................................................... Calusa Ballroom (A-D)

8:00 am - 9:00 am  Session 5: Is Intracranial Stenting Still a Treatment Option?  
Moderator: Thanh Nguyen, MD, FRCP, FSVIN

8:00 am - 8:07 am  A Tale of Three Patients With ICAD, Alex Abou-Chebl, MD, FSVIN

8:07 am - 8:15 am  Critical Review of Intracranial Stenting Trials: SAMMPRIS and  
VISSIT, Sam Zaidat, MD, MS, FSVIN

8:15 am - 8:25 am  Intracranial PTA vs. PTAS: Comparison Trial?, Steve M. Cordina, MD

8:25 am - 8:32 am  Balloon Expandable vs. Self-Expanding Stents,  
Anand Alurkar, MD, DM, DNB, FINR

8:32 am - 8:40 am  Durability of Angioplasty and Stenting, Mikael Mazighi, MD, PhD

8:40 am - 8:50 am  Intrastent Stenosis: How Do You Manage?, Mikael Mazighi, MD, PhD

8:50 am - 9:00 am  TCD and Noninvasive Imaging in ICAD Pre and Post Stenting,  
Andrei V. Alexandrov, MD
9:00 am - 10:00 am
Platform Session II

Moderators: Jawad F. Kirmani, MD, FSVIN and Muhammad Asif Taqi, MD, FAHA.

9:00 am - 9:10 am
Drivers of Differential Outcomes in Thrombectomy Procedures Performed Under General Anesthesia Versus Non-General Anesthesia, Anit K. Behera, MD

9:10 am - 9:20 am
Acute Stroke Therapy: A Multicenter Experience of the ACE64 Reperfusion Catheter in Endovascular Thrombectomy, Annika Kowoll, MD

9:20 am - 9:30 am
Balloon Guide Catheter Improved Clinical Outcomes, Revascularization and Decreased Mortality in Trevo Thrombectomy Analysis of the TREVO Stent Retriever Acute Stroke (TRACK) Registry, Thanh Nguyen, MD, FRCP, FSVIN

9:30 am - 9:40 am
Proprietary Software Enhancement of Digital Subtraction Angiography for Perfusion Mapping of Posterior Circulation, Siddhart Mehta, MD

9:40 am - 9:50 am
Spinal Dural Arteriovenous Fistula: Long Term Clinical and Radiographic Outcomes with Endovascular Therapy Alone in a Single Academic Center, Christopher J. Southwood, MD

9:50 am - 10:00 am
Admission Neutrophil-Lymphocyte Ratio Predicts Delayed Cerebral Ischemia Following Aneurysmal Subarachnoid Hemorrhage, Fawaz Al-Mufti, MD

10:00 am - 10:30 am
Break with Exhibitors .................................................. Calusa Ballroom (E-H)

10:30 am - 11:40 am
Session 6: Endovascular on the Fly: Great Saves and Innovative Approaches

Moderators: Raul Nogueira, MD, FSVIN and Italo Linfante, MD, FAHA, FSVIN

10:30 am - 10:35 am
Retrograde Recanalization of a Basilar Artery Occlusion Causing Acute Stroke, James D. Rossen, MD

10:35 am - 10:42 am
Sacral Artery AV-Fistula Embolization, Michael G. Abraham, BA, MD

10:42 am - 10:50 am
Trouble Shooting While Deploying Multiple PED in a Giant, Fusiform Internal Carotid Artery Aneurysm, Italo Linfante, MD, FAHA, FSVIN

10:50 am - 11:00 am
Baby Stent Retriever for Distal Occlusions, Diogo C. Haussen, MD

11:00 am - 11:10 am
Difficult Access- Tricks and Pitfalls, Raul Nogueira, MD, FSVIN

11:10 am - 11:20 am
Difficult Pipeline Case, Gabor Toth, MD

11:20 am - 11:30 am
Pipeline in Posterior Circulation, Mohammad Ali Aziz-Sultan, MD

11:30 am - 11:40 am
Ten Tips/Tricks in 10 Minutes, Alex Abou-Chebl, MD, FSVIN

11:40 am - 12:15 pm
Presidential Address and Annual Business Meeting................................................. Calusa Ballroom (A-D)

12:15 pm - 12:30 pm
Lunch Buffet...........................................................................Calusa Foyer

Please grab your lunch and return directly back to the general session room for the start of the afternoon industry symposium.

12:30 pm - 1:30 pm
Stryker Lunch Symposium (Non-CME) .................Calusa Ballroom (A-D)

Exploring Advances in the Treatment of Stroke Through Technique and Device and Selection

Optimizing Clot Retrieval in Acute Stroke: The Push Technique for Closed-Cell Stentriever, Raul Nogueira, MD, FSVIN

Visualize a Different World: Clinical Experience with the New TrevoTM XP ProVue Retriever 6mm, Jordi Blasco, MD
1:30 pm - 3:15 pm  
**Session 7: New Devices and International Perspectives**  
Moderators: Mikael Mazighi, MD, PhD and Robin Novakovic, MD  
1:30 pm - 1:35 pm  
**Web: From Basics to Trial to Practice,** Johanna T. Fifi, MD  
1:35 pm - 1:40 pm  
**FRED: Tricks and Precautions,** Johanna T. Fifi, MD  
1:40 pm - 1:45 pm  
**Luna,** Sam Zaidat, MD, MS, FSVIN  
1:45 pm - 1:50 pm  
**What Devices Do We Need? Unmet Needs,** Vallabh Janardhan, MD, FSVIN  
1:50 pm - 2:05 pm  
**What Does Europe Have to Offer Besides Coffee and Chocolate: Devices?**  
Mikael Mazighi, MD, PhD  
2:05 pm - 2:20 pm  
**Acute Stroke Intervention in Developing Countries,**  
Anand Alurkar, MD, DM, DNB, FINR  
2:20 pm - 2:30 pm  
**Acute Stroke Intervention in Japan,** Hiroshi Yamagami, MD, PhD  
2:30 pm - 2:40 pm  
**International Speakers’ Complex Case of Choice,**  
Hiroshi Yamagami, MD, PhD  
2:40 pm - 2:50 pm  
**International Speakers’ Complex Case of Choice,**  
Mikael Mazighi, MD, PhD  
2:50 pm - 3:00 pm  
**International Speakers’ Complex Case of Choice,**  
Anand Alurkar, MD, DM, DNB, FINR  
3:00 pm - 3:15 pm  
**Q&A**  

3:15 pm - 3:45 pm  
**Break with Exhibitors** .......................................................Calusa Ballroom (E-H)  

3:45 pm - 4:45 pm  
**Session 8: Edited Live Cases**  
Moderators: Jawad F. Kirmani, MD, FSVIN and Nils Mueller-Kronast, MD, FSVIN  
3:45 pm - 4:05 pm  
**Edited Live Case 1 - Acute Ischemic Stroke,**  
Sam Zaidat, MD, MS, FSVIN  
4:05 pm - 4:25 pm  
**Edited Live Case 2 - Aneurysmal Subarachnoid Hemorrhage,**  
Italo Linfante, MD, FAHA, FSVIN  
4:25 pm - 4:45 pm  
**Edited Live Case 3 - Chronic Total ICA Occlusion,**  
Alex Abou-Chebl, MD, FSVIN  

4:45 pm - 5:10 pm  
**Session 8.1 Why I Wish I Had Never Done That: Complications, Pretreatment Factors That Should Not Have Been Ignored**  
Moderators: Anand Alurkar, MD, DM, DNB, FINR and Joey English, MD, PhD  
4:45 pm - 4:50 pm  
**Triple Hit-Series of Unfortunate Events,** Rohini Bhole, MD  
4:50 pm - 4:53 pm  
**Q&A**  
4:53 pm - 4:58 pm  
**Fractured Coil in Left ICA,** Ryan Gianatasio, MD  
4:58 pm - 5:01 pm  
**Q&A**  
5:01 pm - 5:06 pm  
**IV tPA Propagates Embolic Stroke,** Siddhart Mehta, MD  
5:06 pm - 5:10 pm  
**Q&A**  

6:00 pm - 9:00 pm  
**Poster Session and Dinner Reception** ............................................Calusa Terrace  
Join experts in the field and “Walk Around with the Professor” during this year’s poster session. View the complete abstracts electronically on the attendee portal and via the mobile app. Guests are welcome. Event is complimentary for attendees but guests must purchase tickets. Tickets are available for purchase for $75 per person.  
6:00 pm - 6:45 pm  
**Dinner and Reception**  
6:45 pm - 7:30 pm  
**Odd-Numbered Poster Standby Times**  
7:30 pm - 8:15 pm  
**Even-Numbered Poster Standby Times**
**PROGRAM**

**Sunday, October 18**  
**Annual Meeting**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:30 am - 1:00 pm</td>
<td>Registration/Help Desk ........................................................................</td>
<td>Calusa Foyer</td>
</tr>
<tr>
<td>6:45 am - 8:00 am</td>
<td>Breakfast ..................................................................................................</td>
<td>Calusa Ballroom (E-H)</td>
</tr>
<tr>
<td>6:45 am - 10:30 am</td>
<td>Exhibit Hall ............................................................................................</td>
<td>Calusa Ballroom (E-H)</td>
</tr>
<tr>
<td>8:00 am - 1:00 pm</td>
<td>General Session .....................................................................................</td>
<td>Calusa Ballroom (A-D)</td>
</tr>
</tbody>
</table>
| 8:00 am - 10:00 am | **Session 9: Extracranial Occlusive Disease**  
**Moderator:** Andrew Xavier, MD, FSVIN and Tudor Jovin, MD, FSVIN |
|            | 8:00 am - 8:10 am | Recommendations for Physical Activity after Carotid/Vertebral Artery Dissection, Michael G. Abraham, BA, MD |                                    |
|            | 8:10 am - 8:20 am | When is Endovascular Therapy of Arterial Dissection Indicated?, Randall C. Edgell, MD, FSVIN |                                    |
|            | 8:20 am - 8:30 am | Blood Pressure Guidelines After Carotid, Vertebral Artery Plasty and Stenting, Tudor Jovin, MD, FSVIN |                                    |
|            | 8:30 am - 8:40 am | Is Medical Therapy Sufficient for Asymptomatic Disease?, Raul Nogueira, MD, FSVIN |                                    |
|            | 8:40 am - 8:50 am | Carotid Stenosis/Occlusion: Management of Patients Not Enrolled in Clinical Trials, Alex Abou-Chebl, MD, FSVIN |                                    |
|            | 8:50 am - 9:00 am | How to Deal with a Difficult Aortic Arch, Alex Abou-Chebl, MD, FSVIN |                                    |
|            | 9:00 am - 9:10 am | Proximal or Distal Protection for CAS?, Randall C. Edgell, MD, FSVIN |                                    |
|            | 9:10 am - 9:20 am | Subclavian, Innominate and Ostial Carotid Intervention, Mouhammad Jumaa, MD |                                    |
|            | 9:20 am - 9:40 am | Surgical Bypass: What is the Role in Extracranial Vessel and ICA Disease, Mohammad Ali Aziz-Sultan, MD |                                    |
|            | 9:40 am - 9:50 am | Management of Simultaneous MI and Stroke Due to Large Vessel Disease, Rita Coram, MD, FACC |                                    |
|            | 9:50 am – 10:00 am | Q&A                                                                          |                                    |
| 10:00 am - 10:30 am | Break with Exhibitors ........................................................................... | Calusa Ballroom (E-H)           |
| 10:30 am - 12:30 pm | **Session 10: Endovascular Potpourri**  
**Moderators:** Joey English, MD, PhD and Robin Novakovic, MD |
|            | 10:30 am - 10:40 am | Platelet Testing- Is it for Real or a Hoax?, Johanna T. Fifi, MD            |                                    |
|            | 10:40 am - 10:50 am | Angiographic Negative SAH? When to Repeat Imaging and What are the Causes, Robin Novakovic, MD |                                    |
|            | 10:50 am - 11:00 am | Non-Aneurysmal Vertex SAH: Causes and Presentation, Ralph Rahme, MD          |                                    |
|            | 11:00 am - 11:10 am | Decompressive Hemicraniectomy: Who and When, Ralph Rahme, MD                |                                    |
|            | 11:10 am - 11:20 am | Emergent Craniotomy for ICH: Spontaneous and Complicating Endovascular Interventions, Ralph Rahme, MD |                                    |
|            | 11:20 am - 11:30 am | I’m a Catheter Jockey Now: Why I Still Need to Know Neurology?, Joey English, MD, PhD |                                    |
|            | 11:30 am - 11:40 am | Building a Practice: Tips from a Pro, Thomas Devlin, MD, PhD                |                                    |
|            | 11:40 am - 11:50 am | Consideration of Multispecialty Certification for Neuro-Interventional Operators, Tudor Jovin, MD, FSVIN |                                    |
|            | 11:50 am - 12:00 pm | Standardization of Response to Insurance Non-Payments: SVIN Backed Form Letters, Dileep Yavagal, MD, MBBS, FSVIN |                                    |
|            | 12:00 am - 12:10 pm | How to Have Your Cake and Eat It To: Balancing Career, Practice Building, Family, and Physician Burnout, Robin Novakovic, MD |                                    |
|            | 12:10 pm - 12:25 pm | Keynote Lecture: Challenges and Pitfalls of Building a Stroke and Endovascular Center as a Neurologist, Michael R. Frankel, MD |                                    |
|            | 12:25 pm - 12:30 pm | Q&A                                                                          |                                    |
| 12:30 pm - 1:00 pm | **Session 11: Late Breaking Clinical Trials**  
**Moderators:** Dileep Yavagal, MD, MBBS, FSVIN and Tudor Jovin, MD, FSVIN |
|            | 12:30 pm -12:40 pm | Benefits of Stroke Treatment Delivered Using a Mobile Stroke Unit Compared to Standard Management by Emergency Medical Services, James C. Grotta, MD |                                    |
|            | 12:40 pm -12:50 pm | The cost effectiveness of Solitaire™ Revascularization Device as an Adjunct to IV-tPA Compared to IV-tPA for Acute Ischemic Stroke in the United Kingdom, Jeffrey Saver, MD |                                    |
|            | 12:50 pm - 1:50 pm | ESCAPE Trial Update, Mayank Goyal, MD, FRCPC                                 |                                    |
|            | 1:00 pm          | Meeting Adjourns                                                             |                                    |
Alex Abou-Chebl, MD, FSVIN
Baptist Health Louisville Neuroscience Associates
Louisville, KY

Michael G. Abraham, BA, MD
University of Kansas
Kansas City, MO

Andrei V. Alexandrov, MD
University of Tennessee
Memphis, TN

Anne Alexandrov, PhD, CCRN, NVRN-BC, ANVP-BC, FAAN
University of Tennessee Health Science Center at Memphis
Memphis, TN

Fawaz Al-Mufti, MD
Rutgers University – New Jersey Medical School
Summit, NJ

Anand Alurkar, MD, DM, DNB, FINR
K.E.M Hospital
Pune, India

Mohammad Ali Aziz-Sultan, MD
Brigham and Women’s / Harvard Medical School
Boston, MA

Dana Beenstock, MSN, APN, ANVP-BC
St. Joseph’s Regional Medical Center
Paterson, NJ

Anit K. Behera, MD
SLU Center for Outcomes Research
St. Louis, MO

Rohini Bhole, MD
University of Tennessee Health Science Center
Memphis, TN

Jordi Blasco, MD
Hospital Clinic of Barcelona
Barcelona, Spain

Buddy Connors, MD
NeuroVascular Research Foundation
New Orleans, LA

Rita Coram, MD, FACC
University of Louisville Physicians
Louisville, KY

Steve M. Cordina, MD
University of South Alabama
Mobile, AL

Fern Cudlip, MSN, FNP, CNRN, ANVP
USCF Medical Center
Windsor, CA

Michael A. De Georgia, MD, FACP, FAHA, FCCM
University Hospitals Case Medical Center, Case Western Reserve University
Cleveland, OH

Thomas Devlin, MD, PhD
Erlanger Hospital
Chattanooga, TN

Wendy Dusenbury, DNP, APRN-BC, ANVP-BC
Wichita State University/Wa Christi Health
Wichita, KS

Sharon Eberlein, RN, MBA, BSN, NE-BC
HCA Healthcare
Fort Worth, TX

Randall C. Edgell, MD, FSVIN
St. Louis University
St. Louis, MO

Lucas Eljovitch, MD
Semmes-Murphy Neurologic & Spine Institute
Memphis, TN

Joey English, MD, PhD
California Pacific Medical Center Hospitals
San Francisco, CA

Johanna T. Fiti, MD
Mount Sinai Health System
New York, NY

Michael R. Frankel, MD
Emory University
Atlanta, GA

Ryan Gianatasio, MD
Texas Stroke Institute
Plano, TX

Mayank Goyal, MD, FRCP
Seaman Family MR Research Centre
Calgary, Canada

James C. Grotta, MD
Memorial Hermann Medical Group
Houston, TX

Anita Guthmann, RN, BSHM
Texas Stroke Institute
Irving, TX

Paul Hansen, MD
Texas Stroke Institute
Plano, TX

Ameer E. Hassan, DO
Valle Baptist Medical Center
Harlingen, TX

Diogo Haussen, MD
Emory University
Atlanta, GA

Ashtosh JadHAV, MD, PhD
University of Pittsburgh Medical Center
Pittsburgh, PA

Vallabh Janardhan, MD, FSVIN
Texas Stroke Institute
Plano, TX

Tudor Jovin, MD, FSVIN
UPMC Stroke Institute
Pittsburgh, PA

Mouhammad Jumaa, MD
University of Toledo Medical Center
Toledo, OH

Tareq Kass-Hout, MD
Rochester Regional Health
Rochester, NY

Rakesh Khatri, MD, FAHA
Fort Wayne Neurological Center
Fort Wayne, IN

Jawad F. Kirmani, MD, FSVIN
Stoke & Neurovascular Center
Edison, NJ

Annika Kowoll, MD
Universitätssklinikum
Knapschaftskrankenhaus Bochum
Bochum, Germany

Stacey M. Lang, MD
Corazon, Neuroscience Division
Pittsburgh, PA

Italo Linfante, MD, FAHA, FSVIN
Baptist Cardiac and Vascular Institute
Miami, FL

Hesham Masoud, MD
SUNY Upstate Medical University
Syracuse, NY

Lori Massaro, MSN, CRNP
UPMC Stroke Institute
Pittsburgh, PA

Alberto Maud, MD
Paul L. Foster School of Medicine, Texas Tech Health
El Paso, TX

Mikael Mazighi, MD, PhD
Lariboisiere Hospital, Denis Diderot and Sorbonne Paris Cité Universities
Paris, France

Brijesh Mehta, MD
Harvard Medical School
Boston, MA

Siddhart Mehta, MD
JFK Neuroscience Institute
Springfield, NJ

Nils Mueller-Kronast, MD, FSVIN
Delray Medical Center
Delray Beach, FL

Suman Nalluri, MD
McFarland Clinic
Piano, TX

Sanjeev Nayak, MD
University Hospital of North Staffordshire
Staffordshire, United Kingdom

Raul Nogueira, MD, FSVIN
Emory University
Atlanta, GA

Thanh Nguyen, MD, FRCP, FSVIN
Boston University School of Medicine
Boston, MA

Robin Novakovic, MD
UT Southwestern Medical Center
Dallas, TX

Ralph Rahme, MD
Virginia Commonwealth University - INova Campus
Palls Church, VA

James D. Rossen, MD
Departments of Neurology, Neurosurgery and Internal Medicine
University of Iowa Carver College of Medicine
Iowa City, IA

Patricia Santos, BSN, CNRN, RN
Centura Health
Thornton, CO

Jeffrey Saver, MD
UCLA Medical Center
Los Angeles, CA

Tanzila Shams, MD
Texas Stroke Institute
Plano, TX

Christopher J. Southwood, MD
Department of Neurology, Medical College of Wisconsin
Milwaukee, WI

Shuichi Suzuki, MD, PhD
University of California Irvine
Orange, CA

Viktor Szeder, MD, PhD, MSC
UCLA
Los Angeles, CA

Muhammad Asif Taqi, MD, FAHA
DRMIC
Palm Springs, CA

Gabor Toth, MD
Cleveland Clinic Foundation
Cleveland, OH

Hiroshi Yamagami, MD, PhD
National Cerebral and Cardiovascular Center
Suitsa, Japan

Dileep Yavagal, MD, MBBS, FSVIN
University of Miami - Miller School of Medicine
Miami, FL

Albert Yoo, MD
Massachusetts General Hospital
Boston, MA

Andrew Xavier, MD, FSVIN
Stroke Group
Bloomfield, MI

Ji Xunming, MD, PhD
University of Miami - Miller School of Medicine
Miami, FL

Sam Zaidat, MD, MS, FSVIN
St. Vincent Mercy Hospital
Toledo, OH
Criteria for Success
Statements of credit will be awarded based on the participant’s attendance and submission of the activity evaluation form. A statement of credit will be available upon completion of an online evaluation/claimed credit form at akhcme.com/svin. You must participate in the entire activity to receive credit. If you have questions about this CME/CE activity, please contact AKH Inc. at tbrignoni@akhcme.com.

CME Credit provided by AKH Inc., Advancing Knowledge in Healthcare

Physicians
This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of AKH Inc., Advancing Knowledge in Healthcare and The Society of Vascular and Interventional Neurology (SVIN). AKH Inc., Advancing Knowledge in Healthcare is accredited by the ACCME to provide continuing medical education for physicians.

AKH Inc., Advancing Knowledge in Healthcare designates this live activity for a maximum of 18 AMA PRA Category 1 Credit(s)™ for SVIN and a maximum of 8 AMA PRA Category 1 Credit(s)™ for the Stroke Workshop. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Physician Assistants
NCCPA accepts AMA PRA Category 1 Credit™ from organizations accredited by ACCME.

Nurses
AKH, Inc., Advancing Knowledge in Healthcare is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center’s Commission on Accreditation.

SVIN is awarded 18 Contact Hours and the Stroke Workshop is awarded 8 Contact Hours.

Activity is jointly provided by AKH Inc., Advancing Knowledge in Healthcare and The Society of Vascular and Interventional Neurology (SVIN).

Commercial Support
This activity is supported by an educational grant from Codman Neuro, a division of DePuy Orthopaedics, Inc.

THE AMERICAN BOARD OF PSYCHIATRY AND NEUROLOGY HAS REVIEWED THE STROKE CENTER WORKSHOP AND 8TH ANNUAL MEETING AND HAS APPROVED THIS PROGRAM AS PART OF A COMPREHENSIVE SELF-ASSESSMENT PROGRAM, WHICH IS MANDATED BY THE ABMS AS A NECESSARY COMPONENT OF MAINTENANCE OF CERTIFICATION.

Faculty and Planner Disclosures
All faculty and planners have disclosed no relevant financial relationships except for the following faculty:

<table>
<thead>
<tr>
<th>NAME</th>
<th>RELATIONSHIP</th>
<th>COMPANY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alex Abou-Chebl, MD</td>
<td>Data Safety Monitoring Board/Honoraria</td>
<td>The Medicines Company, Silk Road Medical</td>
</tr>
<tr>
<td>Mohammad Ali Aziz-Sultan, MD</td>
<td>Proctor/Lecture</td>
<td>Covidien</td>
</tr>
<tr>
<td>Joey English, MD PhD</td>
<td>Consultant, Speaker</td>
<td>Medtronic, Inc., Silk Road Medical, Stryker</td>
</tr>
<tr>
<td>Johanna T. Fifi, MD</td>
<td>Proctor, Shares</td>
<td>MicroVention, Inc.</td>
</tr>
<tr>
<td>Mayank Goyal, MD</td>
<td>Consultant, Licensing Fee</td>
<td>GE Healthcare</td>
</tr>
<tr>
<td>James Grotta MD</td>
<td>Consultant, Contracted Research</td>
<td>Covidien, Genentech, Inc.</td>
</tr>
<tr>
<td>Amer Hassan, DO</td>
<td>Consultant/honoraria</td>
<td>Covidien, GE Healthcare, MicroVention, Inc., Stryker</td>
</tr>
<tr>
<td>Italo Linfante, MD, FAHA</td>
<td>Consultant, Stock Options</td>
<td>Codman Neuro, Medtronic, Inc./Covidien, Stryker</td>
</tr>
<tr>
<td>Raul Nogueira, MD</td>
<td>Consultant, Contracted Research</td>
<td>Covidien, Penumbra, Inc., Stryker</td>
</tr>
<tr>
<td>Albert Yoo, MD</td>
<td></td>
<td>Neuravi, Penumbra, Inc.</td>
</tr>
</tbody>
</table>

STAFF/PLANNER DISCLOSURES
AKH & SVIN Staff/Planners | N/A | Nothing to disclose

Disclosure of Unlabeled Use and Investigational Product
This educational activity may include discussion of uses of agents that are investigational and/or unapproved by the FDA. Please refer to the official prescribing information for each product for discussion of approved indications, contraindications, and warnings.

Disclaimer
This course is designed solely to provide the healthcare professional with information to assist in his/her practice and professional development and is not to be considered a diagnostic tool to replace professional advice or treatment. The course serves as a general guide to the healthcare professional, and therefore, cannot be considered as giving legal, nursing, medical, or other professional advice in specific cases. The Society of Vascular and Interventional Neurology (SVIN) and AKH, Inc., Advancing Knowledge in Healthcare specifically disclaim responsibility for any adverse consequences resulting directly or indirectly from information in the course, for undetected error, or through participant’s misunderstanding of the content.

Disclosure Declaration
It is the policy of The Society of Vascular and Interventional Neurology (SVIN) and AKH, Inc., Advancing Knowledge in Healthcare to ensure independence, balance, objectivity, scientific rigor, and integrity in all of its continuing education activities. The faculty must disclose to the participants any significant relationships with commercial interests whose products or devices may be mentioned in the activity or with the commercial supporter of this continuing education activity. Identified conflicts of interest are resolved by the Society of Vascular and Interventional Neurology (SVIN) and AKH, Inc., Advancing Knowledge in Healthcare prior to accreditation of the activity and may include any of or combination of the following: attestation to non-commercial content, notification of independent and certified CME/CE expectations, referral to National Faculty Initiative training, restriction of topic area or content, restriction to discussion of science only, amendment of content for discussion of recommendations, independent review against criteria ensuring evidence support recommendation, moderator review, and peer review. AKH, Inc., Advancing Knowledge in Healthcare planners and reviewers have no relevant financial relationships to disclose.
FRIDAY, OCTOBER 16, 1:30 - 1:40 pm
Improving Utilization Rates of Comprehensive Stroke Services; The Impact of a Regional Approach
Stacey M. Lang
Corazon Neuroscience Division, Pittsburgh, PA, USA

FRIDAY, OCTOBER 16, 1:40 - 1:50 pm
Implications of Adherence to 2015 AHA Guidelines for Mechanical Thrombectomy (MT) in Emergent Large Vessel Occlusion (ELVO)
Rohini Bhote1, Nitin Goyal1, Katherine Nearing1, Andrzej Belajew2,3, Vinoth Tommy Doss1,2,3, Lucas Eljovich2,3, Daniel A. Hoit1,2, Georgios Tsivgoulis1,3, Anne W. Alexandrov1, Adam S. Arthur1,2,1,2,3, 4
1Division of Interventional Neuroradiology, UCLA, Los Angeles, CA, USA, 2ICRC/Department of Neurology, University of Tennessee Health Science Center, Memphis, TN, USA, 3Second Department of Neurology, “Attikon University Hospital”, School of Medicine, University of Athens, Athens, Greece

FRIDAY, OCTOBER 16, 1:50 - 2:00 pm
Preliminary Results of the Prospective Trevo Retriever Registry
Joey D. English1, Riash Gupta2, Ronald Budzik3, Blaise Baxter4,5, Erol Vezerdaroglu6
1University of Tennessee Health Science Center, Memphis, TN, USA, 2Department of Neurosurgery, Semmes-Murphey Brain and Spine Institute, Memphis, TN, USA, 3Second Department of Neurology, “Attikon University Hospital”, School of Medicine, University of Athens, Athens, Greece

FRIDAY, OCTOBER 16, 2:00 - 2:10 pm
Mechanical thrombectomy in pediatric patients with large vessel occlusion – clinical case series.
Viktor Szeder1,2, Tomas Bryndziar3, Nestor R. Gonzalez4, Satoshi Tateshima1, Neil Rao5, Jason D. Hinman6, Latisha Ali7, Reza Jahan8, David S. Liebeskind9, Gary R. Duckwiler10, Jeffrey L. Saver11
1Division of Interventional Neuroradiology, UCLA, Los Angeles, CA, USA, 2CIRC/Department of Neurology, Faculty of Medicine, Masaryk University, Brno, Czech Republic, 3Department of Neurology, UCLA, Los Angeles, CA, USA

FRIDAY, OCTOBER 16, 2:10 - 2:20 pm
Outcomes of Thrombectomy in Tandem Compared to Isolated Intracranial Occlusions
Diogo C. Haussen1, Andrey Lima1, Mikayel Grigoryan2, Jonathan Grossberg3, Michael Frankel1, Samir Belagaje1, Aaron Anderson1, Leticia C. Rebello1, Raul G. Nogueira1
1Emory University / Grady Memorial Hospital, Atlanta, GA, USA, 2Atlanta Medical Center, Atlanta, GA, USA

FRIDAY, OCTOBER 16, 2:20 - 2:30 pm
Q&A

SATURDAY, OCTOBER 17, 9:00 - 9:10 am
Anil K. Behra1, Eric S. Armbrrecht2, Amer Al Shekhleel2, Randall C. Edgell3
1St. Louis University Center for Outcomes Research, St. Louis, MO, USA, 2SSM Neurosciences Institute at DePaul Health Center, St. Louis, MO, USA, 3St. Louis University Department of Neurology and Psychiatry, St. Louis, MO, USA

SATURDAY, OCTOBER 17, 9:10 - 9:20 am
Acute Stroke Therapy: A Multicenter Experience of the ACE64 Reperfusion Catheter in Endovascular Thrombectomy
Annika Kowoll1, T.H. Lo2, Werner Weber3, Christian Loehr4, Ansgar Berlis4, Gyula Gal5, Antonio Moreno6, Johannes Weber7, Javier Masso8, Simone Peschilo9
1Department of Neuroradiology, Charite, Berlin, Germany, 2University Medical Center Utrecht, Utrecht, Netherlands, 3Klinikum Augsburg, Augsburg, Germany, 4Universitätsklinikum Leipzig, Leipzig, Germany, 5Klinikum Düsseldorf, Düsseldorf, Germany, 6Department of Neurology, University Hospital, Odense, Denmark, 7Hospital Universitario Virgen de la Arrixaca, Murcia, Spain, 8Kantonsspital St Gallen, St. Gallen, Switzerland, 9Hospital Universitario Donostia, Gipuzkoa, Spain, 10Hospital Polacnicco Umberto I, Roma, Italy

SATURDAY, OCTOBER 17, 9:20 - 9:30 am
Nguyen Thanh1, Castonguay AC2, Nogueira RN3, English J4, Fand H5, Vezerdaroglu E6, Puri AS7, Janardhan V8, Vora N9, Alshekhleel A10, Abraham MG11, Khoury R12, Mehta S13, Majioho A14, Froehlier MT15, Zaidat OO16
1BMC, Boston, MA, USA, 2MCW, Milwaukee, WI, USA, 3Emory, Atlanta, GA, USA, 4CPI, SF, CA, USA, 5St. Jude Radiology, Chicago, IL, USA, 6Capital Health, Pennington, NJ, USA, 7U Mass, Bostong, MA, USA, 8Texas Stroke I, Dallas, TX, USA, 9CRI, Columbus, OH, USA, 10St Paul, St Louis, MO, USA, 11KU, Kansas, KS, USA, 12Tulane, NO, LA, USA, 13SL, SL, MO, USA, 14Wayne, Detroit, MI, USA, 15Vanderbelt, Nashville, TN, USA, 16MCW, Milwaukee, WI, USA

SATURDAY, OCTOBER 17, 9:30 - 9:40 am
Proprietary Software Enhancement of Digital Subtraction Angiography for Perfusion Mapping of Posterior Circulation
Siddhart Mehta1, Gregoire Avignon, Daniel Korya, Audrey Arango, Jaskiran Brar, Mohammad Moussavi, Jawad Kirmani
JFK Medical Center, Edison, NJ, USA

SATURDAY, OCTOBER 17, 9:40 - 9:50 am
Spinal Dural Arteriovenous Fistula: Long Term Clinical And Radiographic Outcomes With Endovascular Therapy Alone In A Single Academic Center
Christopher J Southwood1,2, Mazen Noufal, Ahsan Sattar, Wally Wazni, Sallowm Yamin, Marc Lazzaro, John R Lynch, Osama Zaidat, Brian-Fred Fitzsimmons
Department of Neurology, Medical College of Wisconsin, Milwaukee, WI, USA

SATURDAY, OCTOBER 17, 9:50 - 10:00 am
Admission Neutrophil–Lymphocyte Ratio Predicts Delayed Cerebral Ischemia Following Aneurysmal Subarachnoid Hemorrhage
Fawaz Al-Mufli1, David Roh2, Philip Meyers3, E. Sander Connolly4, Jan Claassen5,6, Michael J. Schmidt1
1Department of Neurology, Columbia University Medical Center, New York, NY, USA, 2Departments of Neurosurgery, Columbia University Medical Center, New York, NY, USA
POSTER LISTING

Poster 1
Acute Ischemic Stroke Presenting as Hemichorea: A Case Report
Bernadette N Borte MD1
Jose A Ramos PhD1
1USD Medical Center/Neuroscience, Sioux Falls, SD, USA, 2USD Medical Center/Neuroscience, Sioux Falls, SD, USA

Poster 2
Poster Reversible Encephalopathy in Late Post Partum Eclampsia: A Case Report
Patricia V. dela Rosa1
Department of Internal Medicine Delos Santos Medical Center, Quezon City, Philippines

Poster 3
Coincidence of an Anterior Cerebral Artery Aneurysm and a Glioblastoma: Case Report and Review of Literature
Ninh Doan1, Ha S Nguyen1, Michael Gelsomino1, Saman Shabani1, Wade Mueller1, Osama Zaidat2
1Medical College of Wisconsin/Neurology, Milwaukee, WI, USA, 2Medical College of Wisconsin/Neurology, Milwaukee, WI, USA

Poster 4
Endovascular Reconstruction of Long Segment, Occlusive, Internal Carotid Artery Dissections in Patients with Acute Ischemic Stroke
Jay N Dolla1, Rebecca M Sugg
University of Mississippi Medical Center/Department of Neurology, Jackson, MS, USA

Poster 5
Reversible Cerebral Vasconstriction Syndrome (RCVS) with Angiographic Evidence Before and After Stopping Venlafaxine
Mamad Ezzeldin1, Narges Moghimi, Venkata Dandamudi
University of Texas Medical Branch, Galveston, TX, USA

Poster 6
Successful Endovascular Intervention of True and False Lumen on a “Real Time” Formed Basilar Apex Aneurysm
Mamad Ezzeldin1, Narges Moghimi, Venkata Dandamudi
University of Texas Medical branch, Galveston, TX, USA

Poster 7
Asystole During Onyx Embolization of Arteriovenous Malformation: A Severe Case of a Trigeminocardiac Reflex
Kasra Khatibi1, Omar Choudhri1, Huy Do2
1Department of Neurology, Stanford University, Stanford, CA, USA, 2Department of Neurosurgery, Stanford University, Stanford, CA, USA

Poster 8
Emergent Carotid Duplex Ultrasound is useful for Rapid Detection of Large Artery Occlusion and Shortening Door to Puncture Time in Acute Ischemic Stroke: A Report of Two Cases
Naoto Kinoshita1, Hiroshi Yamagami1, Takuro Arimizu2, Mikito Hayakawa2, Yuichi Miyazaki2, Kazunori Toyoda2, Kazuyuki Nagatsuka1
1Department of Neurology, National Cerebral and Cardiovascular Center, Suita, Osaka, Japan, 2Department of Cerebrovascular Medicine, National Cerebral and Cardiovascular Center, Suita, Osaka, Japan

Poster 9
A Completely Thrombosed, Non-Giant Middle Cerebral Artery Aneurysm Mimicking an Intra-axial Neoplasm
Ha S Nguyen1, Ninh B Doan1, Gerald Eckardt1, Michael Gelsomino1, Saman Shabani1, W. Douglas Brown1, Wade Mueller1, Glen Pollock1
1Medical College of Wisconsin/Neurosurgery, Milwaukee, WI, USA, 2Medical College of Wisconsin/Radiology, Milwaukee, WI, USA

Poster 10
Surgical Decompression Coupled with Diagnostic Dynamic Intraoperative Angiography for Bow Hunter’s Syndrome
Ha S Nguyen1, Ninh B Doan, Gerald Eckardt, Glen Pollock
Medical College of Wisconsin/Neurosurgery, Milwaukee, WI, USA

Poster 11
Resection of a Recurrent Cervical Internal Carotid Artery Pseudoaneurysm after Failed Endovascular Therapy
Akinwunmi Oni-Orisan1, Ha S Nguyen, Joseph Cochran, Glen Pollock
Medical College of Wisconsin/Neurosurgery, Milwaukee, WI, USA

Poster 12
Delayed Coil migration after Balloon-Assisted Embolization: A Case Report and Literature Review
Kessarin Panichpital1, Nazli Janjua1, Wassana Plengsombat1
1Asia Pacific Comprehensive Stroke Institute, Pomona, CA, USA, 2Bumrungrad International Hospital, Bangkok, Thailand

Poster 13
Thrombectomy in Wake Up Stroke With An Excellent Outcome: A Case Report
Apoorv Prasad1, Anuradha Duleep, Sameer Sharma
1Upstate Medical University, Syracuse, NY, USA

Poster 14
Internal Carotid Artery Pseudoaneurysm and Ischemic Stroke Secondary to Retropharyngeal and Parapharyngeal Abscess
Michael W Ruff1, Deena M Naar1, James P Klaas1, Deborah L Renaud2
1Department of Neurology, Rochester, MN, USA, 2Department of Neurology Division of Child and Adolescent Neurology, Rochester, MN, USA

Poster 15
Cerebral Infarction After Bee Sting
Ashish Kulhari1, Ashley Rogers, Wei Xiong, Michael Degeorgia
Case Western Reserve University/Neurology, Cleveland, OH, USA

Poster 16
Bilateral Persistent Trigeminal Arteries Ending in PICA: First Reported Anatomical Variant Described on Diagnostic Cerebral Angiogram.
Wied Wazni1, Sam Zaidat1, Alicia Castonguay1, Ali Abdullah2, Mazen Noufal1, Ahsan Sattar1
1Medical College of Wisconsin/Neurology, Milwaukee, WI, USA, 2Detroit Mercy, Detroit, MI, USA

Poster 17
Safety of Intra-Ventricular rt-PA for IVH caused by a Ruptured AVM
Dilee P Vayagal1, Sushrut S Dharmadhikari1, Amer M Malik2
1Wayne State University, Detroit, MI, USA, 2University of Miami, Miami, FL, USA

Poster 18
Posterior Approach to the Posterior Circulation Clot
Nikil Swamy1, Sonal Mehta
Palmetto Health Richland, Columbia, SC, USA
**Poster 19**
Prevalence and Healing Rates of Duplex Detected Carotid Plaque Ulcers
Sushrut S Dharmadhikari1, Bennett A2, Campo Nelly2, Romano Jose2, Koch Sebastian2
1Wayne State University, Detroit, MI, USA, 2University of Miami, Miami, FL, USA

**Poster 20**
Factors Determining Consent in a Randomized Trial of Intra-Arterial Stem Cell Therapy for Sub-Acute Ischemic Stroke
Kevin N. Ramdas1, Ryan N. Pafford1, Diogo C. Haussen3, Delmas McBee2, J. Neal Rutledge2, David Y. Huang4, Sean I. Savitz5, James Hinson6, Dileep R. Yavagal1
1Department of Neurology - University of Miami Leonard M. Miller School of Medicine / Jackson Memorial Hospital, Miami, FL, USA, 2Department of Neurology - University Medical Center at Brackenridge, Austin, TX, USA, 3Departments of Neurology, Neurosurgery and Radiology - Emory University School of Medicine / Grady Memorial Hospital, Atlanta, GA, USA, 4Department of Neurology, University of North Carolina School of Medicine, Chapel Hill, NC, USA, 5Department of Neurology, The University of Texas Medical School Houston, TX, USA, 6CytomediX, Inc. Durham, NC, USA

**Poster 21**
Endovascular Stroke Intervention in the Very Young
Norman A1,boy1
Thomas Jefferson University Hospital, Philadelphia, PA, USA

**Poster 22**
Revascularization of Subacute and Chronic Total Occlusion of the Internal Carotid Artery and VA
Ossama Yassin Mansour
Alexandria University Hospital, Alexandria, Egypt

**Poster 23**
Safety and Efficacy of Intravenous Eptifibatide as Standalone Therapy for select Acute Ischemic Stroke Patients (SIESTAI trial)
Harina Chahal1, Siddhart Mehta, Mohammad Moussavi, Jaskiran Brar, Daniel Korya, Josh Daniels, Mena Samaan, Rushil Kalola, Azka Shaikh, Mohammed Hussain, Alex Yang Ge, Jawad Kirmani
JFK Medical Center, Edison, NJ, USA

**Poster 24**
Large Volumes of Critically Hypoperfused Tissue Do Not Preclude Good Outcomes after Fast and Complete Endovascular Reperfusion: Redefining “Malignant Profile” and “Target Mismatch”
Andrey Lima1, Diogo Haussen, Seena Dehkhangharni, Rebello Leticia, Belagaje Samir, Anderson Aaron, Nogueira Raul
Emory University, Atlanta, GA, USA

**Poster 25**
Accuracy of Mobile Devices for Acute Stroke Head CT Interpretation among Neurologists in Training.
Priyank Khandelwal1, Cloitlde Balucani1, Qing Hao2, Leah Steinberg2, Jeremy Weeden2, Sebina Bulic2, Ellie Dancour2, Carlos Escasena2, Kester Phillips2, Jiwan Grany2, Steven R. Levine3
1Bingham and Womens Hospital Intentional Neuro, Boston, MA, USA, 2Suny Downstate Hospital, New York, NY, USA

**Poster 26**
Balloon Test Occlusion of the Internal Carotid Artery: Venous Phase Delay does not predict SPECT Result.
Samir Sur1, Brian M. Snelling, Sudheer Ambekar, Eric C. Peterson, Dileep R. Yavagal, Mohamed S. Elhammady
University of Miami Miller School of Medicine/Department of Neurosurgery, Miami, FL, USA

**Poster 27**
Let’s Tango: Approach to the Tandem Lesion
Nikil Swamy1, Sonal Mehta
Palmetto Health Richland, Columbia, SC, USA

**Poster 28**
Intracranial Fibromuscular Dysplasia in a Middle-Aged Woman with Recurrent Ischemic Stroke
Nicole Beaton1, Sebastian Koch1, Yvan Maque-Acosta1, Amer M Mallik2
1Department of Neurology, University of Miami Miller School of Medicine, Miami, FL, USA, 2Department of Pathology, University of Miami Miller School of Medicine, Miami, FL, USA

**Poster 29**
Effectiveness of Low-profile Visualized Intraluminal Support (LVIS) Device for Intracranial Aneurysm as a Standalone or for Assisted Coiling-Our Early Experience.
Fnu Abhishek1, Sushrut Dharmadhikari, Vikram Jadhav, Aniel Majjhoo, Andrew Xavier
Wayne State University, Detroit, MI, USA

**Poster 30**
Flow-Diversion for Ophthalmemic Segment Aneurysms.
N. A1,boy1
Thomas Jefferson University Hospital, Philadelphia, PA, USA

**Poster 31**
Phase I Experience of Safety of Eptifibatide in Select Patients with Elective Cerebral Aneurysm Embolization
Joshua Daniel1, Jaskiran Brar, Mohammad Moussavi, Siddhart Mehta, Daniel Korya, Harina Chahal, Mena Samaan, Yong-Burn Song, Mohammed Hussain, Jawad Kirmani
JFK Medical Center, Edison, NJ, USA

**Poster 32**
Impact of Menopausal Age on Size of Unruptured Intracranial Aneurysms and their Outcomes with Endovascular Therapy
Sushrut S Dharmadhikari1, Atchaneyayaskal Kunakorn2, Sudheer Ambekar2, Dileep R Yavagal2
1Wayne State University, Detroit, MI, USA, 2University of Miami, Miami, FL, USA

**Poster 33**
In-stent stenosis after Pipeline Embolization Device Flow Diversion Treatment for Intracranial Aneurysms
Seby John1, Mark Bain, Ferdinand Hui, Muhammad S. Hussain, Thomas Masaryk, Peter Rasmussen, Gabor Toth
Cerebrovascular Center, Cleveland Clinic, Cleveland, USA

**Poster 34**
Intra-Aneurysmal Double Microcatheter Technique for Complex Aneurysm
Nilesh Kings1, Atulabh Vajpeeyee2, Rama Kant2, Narendra Mal2
1GBH American Hospital, Udaipur, India, 2GBH American Hospital, Udaipur, India

**Poster 35**
Endovascular Treatment of Consecutive Unruptured Anterior Communicating Artery Aneurysms
John M. Leschke1, Ahsan Sattar, Kaiz Asif, Wied Wazni, Mazen Noufai, Sam O. Zaidat
Medical College of Wisconsin, MILWAUKEE, WI, USA

**Poster 36**
Analysis of 3D Printing Techniques for Brain Aneurysms
Coleman O Martin1, Aaron M Jones
University of Missouri Radiology, Kansas City, MO, USA

**Poster 37**
Trends of Morbidity and Mortality in Endovascular Management of Intracranial Aneurysm - A 10 Year Report
Tapan V. Mehta1, Hussain Mohammed1, Dimitre Mirtchev1, Paul Mazaris2, Amre Nouh1, 2
1University of Connecticut, Farmington, CT, USA, 2Hartford Hospital, Hartford, CT, USA

**Poster 38**
Periprocedural Predictors of Acute Ischemic Stroke in Endovascular Treatment of Unruptured Intracranial Aneurysm
Tapan V. Mehta1, Dimitre Mirtchev1, Kathan Mehta2, Mohammed Hussain3, Narwal Priya3, Louise McCullough3
<table>
<thead>
<tr>
<th>Poster 39</th>
<th>Isolated Proximal PICA Dissecting Aneurysms Treated with Parent Artery Occlusion with Good Outcomes, Report of 4 Cases and Anatomical Discussion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poster 40</td>
<td>Impact of the New AHA/ASA Definition of Stroke on the Outcome of the SAMMPRIS Trial</td>
</tr>
<tr>
<td>Poster 41</td>
<td>Dedicated Stroke Units with Bedside Monitoring and Better Blood Pressure Control</td>
</tr>
<tr>
<td>Poster 42</td>
<td>Evaluating the Impact of Insurance Precertification on Discharge of Stroke Patients to Skilled Nursing Facility or Inpatient Rehabilitation Center</td>
</tr>
<tr>
<td>Poster 43</td>
<td>Stenosis and Manometry Correlation in Evaluating Dural Venous Sinus Stenosis in Idiopathic Intracranial Hypertension</td>
</tr>
<tr>
<td>Poster 44</td>
<td>Evaluating the Presence of Endothelial Cells in Thrombi Removed during Endovascular Treatment: A Feasibility Study</td>
</tr>
<tr>
<td>Poster 45</td>
<td>Successful Thrombectomy in a 10-year-old boy with Restrictive Cardiomyopathy after Cardioembolic Infarct.</td>
</tr>
<tr>
<td>Poster 46</td>
<td>Novel Application Of Reversible Parental Antiplatelets in Patients with Aneurysmal Subarachnoid Hemorrhage</td>
</tr>
<tr>
<td>Poster 47</td>
<td>Screening for Delayed Cerebral Ischaemia in Aneurysmal Subarachnoid Haemorrhage in Critical Care: An International Survey</td>
</tr>
<tr>
<td>Poster 48</td>
<td>Institution of Code NeuroIntervention and its Impact on Reaction and Treatment Times</td>
</tr>
<tr>
<td>Poster 49</td>
<td>Optimizing Financial Performance at a Large Comprehensive Stroke Center</td>
</tr>
<tr>
<td>Poster 50</td>
<td>Improving Door to Puncture Times (Need of Hour): Pilot Quality Improvement Project</td>
</tr>
<tr>
<td>Poster 51</td>
<td>Overcoming Barriers to Reduce Door to Needle Times in Acute Ischemic Stroke Patients: Field to CT</td>
</tr>
<tr>
<td>Poster 52</td>
<td>A Brain Attack Protocol Achieving Better Door to Needle Time in Stroke Patients: Field to CT</td>
</tr>
<tr>
<td>Poster 53</td>
<td>Acute Stroke and Stroke Mimics in Two Different Brain Attack Protocols at Cleveland Clinic Florida</td>
</tr>
<tr>
<td>Poster 54</td>
<td>Response to Recent Trials in a Major Tertiary Stroke Center</td>
</tr>
<tr>
<td>Poster 55</td>
<td>Stroke VAN: A Large Artery Stroke Screening Tool for the ED and Field Use</td>
</tr>
<tr>
<td>Poster 56</td>
<td>Preliminary Experience with Precipitating Hydrophobic Injectable Liquid (PHIL) in Treating Cranial AVMs and Fistulas</td>
</tr>
<tr>
<td>Poster 57</td>
<td>Outcome After Treatment of Spinal Dural Arteriovenous Fistula: a Single-Institution Case Series</td>
</tr>
<tr>
<td>Poster 58</td>
<td>Spinal Dural Ateriovenous Fistulas Mimicking Demyelinating Disease</td>
</tr>
</tbody>
</table>
Poster 59
**Post-Acute Ischemic Stroke Thrombectomy and Obesity Paradox**
Michael G. Abraham¹, Matthew Sharrock, Rawan Albadareen, Sanjeev Keshary, Manoj Mittal
University of Kansas Medical Center, Kansas City, KS, USA

Poster 60
**High Safety Outcomes Using Proximal Protection Device with Carotid Stenting of Long Carotid Stenoses**
Kunakorn Atchaneeyasakul¹, Priyank Khandelwal¹, Sudheer Ambekar², Kevin Ramdas¹, Dileep Yavagal¹
¹Department of Neurology, University of Miami Miller school of Medicine, Miami, FL, USA, ²Department of Neurological Surgery, University of Miami Miller School of Medicine, Miami, FL, USA, ³Department of Neurosurgery, Brigham and Women's Hospital, Boston, MA, USA

Poster 61
**Elevated INR Does Not Predict Failure of Mechanical Thrombectomy in Acute Ischemic Strokes Secondary to Large Vessel Occlusion.**
Garrett Bennett¹, Gabriel Vida¹,²,³, James Milburn¹,²,³
¹Ochsner Medical Center/Radiology, New Orleans, LA, USA, ²Ochsner Medical Center/Neurology, New Orleans, LA, USA, ³Ochsner Medical Center/Neurosurgery, New Orleans, LA, USA

Poster 62
**Eptifibatide is Safe and May Improve Outcomes in Stroke Patients Undergoing Thrombectomy after Receiving IVtPA**
Jaskiran Brar¹, Siddhart Mehta, Mohammad Moussavi, Daniel Korya, Harina Brar, Swathi Kondapalli, Mena Samaan, Yong-Bum Song, Jawad Kirmani
JFK Medical Center, Edison, NJ, USA

Poster 63
**Efficacy of IV tPA in Treatment of Large Vessel Ischemic Strokes Not Amenable to Endovascular Therapy**
Jaskiran Brar¹, Spozhmy Panezai, Joshua Daniel, Jawad Kirmani, Siddhart Mehta, Daniel Korya, Florence Chukwuneka, Mohammad Moussavi
JFK Medical Center, Edison, NJ, USA

Poster 64
**Emergent Distal Mechanical Thrombectomy for Acute Stroke Using the Mindframe Capture LP System: Initial Single Center Experience**
Russell Cereja¹, Seby John, Andrew Bauer, Muhammed S Hussain, Mark Bain, Peter Rasmussen, Ferdinand Hui, Thomas Masaryk, Gabor Toth
Cleveland Clinic, Cerebrovascular Center, Cleveland, OH, USA

Poster 65
**Utility of Thromboelastogram in Optimizing Antithrombotic Strategy in Secondary Stroke Prevention**
Vikas Gupta¹, Rahat Suddle, Waleed Rahiem
University of Missouri, Neurology, Columbia, MO, USA

Poster 66
**Unchanged Utilization of Endovascular Treatment in Acute Ischemic Stroke Patients in the Post IMS-III Era**
Armeer E. Hassan¹, Ahmed A. Malik², Wondwossen Tekle¹, Adnan I Qureshi²
¹UTSCSHA - Valley Baptist, Harlingen, TX, USA, ²Zeenat Qureshi Stroke Institute, St Cloud, MN, USA

Poster 67
**Sensitivity and Specificity of the Prehospital NIHSS for Screening Intra-arterial Thrombectomy Candidates: Experience on a Mobile Stroke Unit**
James Grotta¹, Chunyan Cai, Mohammad Rabiha, Ritvi Bowry, Stephanie A Parker, Julius C Grotta
University of Texas, Houston, TX, USA

Poster 68
**Outcomes of Acute Stroke Interventions in Posterior Circulation Stroke – A Single Centre Experience**
Gurmeen Kaur¹, Sameer Sharma, Julius G Latorre
Upstate Medical University, Syracuse, NY, USA

Poster 69
**Outcomes of Trevo – The Last Stentriever in Acute Stroke Intervention - A Single Centre Experience**
Gurmeen Kaur¹, Sameer Sharma, Julius G Latorre
Upstate Medical University, Syracuse, NY, USA

Poster 70
**Acute Stroke Thrombectomy Outcomes for Patients Transferred Directly to the Angiosuite in an Effort to Reduce Delay to Reperfusion**
Cynthia L Kenmuir MD PhD¹, Tudor G Jovin MD¹, Brian T Jankowitz MD², Andrew D Ducruet MD², Alhamza R Al-Bayati MD¹, Hazem Shorijah MD¹, Ashutosh P JadHAV MD PhD¹
¹University of Pittsburgh Medical Center, Stroke Institute, Pittsburgh, PA, USA, ²University of Pittsburgh Medical Center, Department of Neurosurgery, Pittsburgh, PA, USA

Poster 71
**Discharge Modified Rankin Scale as a Predictor of 3 Month Functional Outcome after Mechanical Thrombectomy for Acute Ischemic Stroke**
Sanjeev P. Keshary¹, Matthew S. Markert, Matthew F. Sharrock, Rawan Albadareen, Michael G. Abraham, Manoj Mittal
University of Kansas Medical Center, KANSAS CITY, KS, USA

Poster 72
**Outcome of Stent-Retriever Mechanical Thrombectomy in Nonagenarians:**
How well are we pushing the limits?
Pankaj Sharma¹, Priyank Khandelwal¹, Kevin Ramdas¹, Amer Malik², Dileep Yavagal¹
¹Birgham and Womens Hospital/Parietal Neuro, Boston, MA, USA, ²University of Miami/ Department of Neurology, Miami, FL, USA

Poster 73
**Thrombectomy Saves Lives AND Saves Money: A Call for Action**
Daniel Korya¹, Mohammad Moussavi, Spozhmy Panezai, Jaskiran Brar, Audrey Arango, Inthesham Qureshi
JFK Medical Center, Edison, NJ, USA

Poster 74
**Mechanical Thrombectomy for Distal Occlusions Only Makes Sense for Left-Sided Ischemic Strokes**
Daniel Korya¹, Siddhart Mehta, Jaskiran Brar, Harina Chahal, Mena Samaan, Yong-Bum Song, Briana DeCarvalho, Jawad Kirmani
JFK Medical Center, Edison, NJ, USA

Poster 75
**Arteriovenous Shunting is Not Associated with Negative Outcomes among Acute Ischemic Stroke Patients**
Miquel S. Litao¹, Harpal Bhamra¹, Keith DeSousa¹,², Erez Nossek³, Eytan Raz³, Maksim Shapiro¹,², Albert Favate¹, Tibor Becske¹,², Peter K Nelson²
¹New York University/Neurology, New York, NY, USA, ²New York University/Radiology, New York, NY, USA, ³Maimonides Medical Center/Neurosurgery, New York, NY, USA

Poster 76
**Time of Recanalization since Symptoms is a Strong Predictor of Outcome in Patients who Underwent Stent Retriever Thrombectomy from Middle Cerebral Artery Occlusion.**
Yahia M Lodi¹,²,³, Varun V Reddy¹,², Ashok Devesanapathy¹,², George Petro², AnasHourani³, Chun-An Chou³
¹Upstate Medical University, Binghamton Campus, Binghamton, NY, USA, ²University of Missouri, Binghamton Regional Medical Center, Johnson City, NY, USA, ³SSIE Department at Binghamton University, Binghamton, NY, USA

Poster 77
**Should the Decision for Mechanical Thrombectomy be Based on PreProcedure CT Head Showing Early Changes in Specific Regions of the Brain?**
Siddhart Mehta¹, Daniel Korya, Mohammad Moussavi, Jaskiran Brar, Mena Samaan, Swathi Kondapalli, Briana DeCarvalho, Jawad Kirmani
JFK Medical Center, Edison, NJ, USA
Poster 78
Endovascular Treatment of Posterior Circulation Strokes Improves Outcome Mohammad Mousavi1, Siddhart Mehta, Daniel Korya, Jaskiran Brar, Azka Shaiikh, Rushil Kalola, Shayan Nizam, Spozhmy Panezai, Jawad Kirmani, Alex JFK Medical Center, Edison, NJ, USA

Poster 79
“Stroke Alerts” Among Admitted Patients – Do We Have An Effective System? – A Single Center Perspective Vijay M Panday1, Trevor Gregath, Ankur Garg The University of Oklahoma, Department of Neurology, Oklahoma City, OK, USA

Poster 80
Is Eptifibatide a Viable and Safe Option as Stand Alone Therapy For Acute Ischemic Stroke Patients? Spozhmy Panezai1, Daniel Korya, Mohammad Mousavi, Siddhart Mehta, Jaskiran Brar, Harina Chahal, Josh Daneil, Alex Yang Ge, Mena Samaan, Jawad Kirmani JFK Medical Center, Edison, NJ, USA

Poster 81
Safety of Microcatheter Injection in Perdiction of Hemorrhagic Transformation and Outcome in SWIFT PRIME Radoslav Raychev1,2, Reza Jahan3, Jeffrey Saver1, Raul G. Nogueira4, Mayank Goyal5, Vitor M Pereira6, Elad I Levy7, Christophe Cognard8, David Liebeskind9 1Department of Neurology and Comprehensive Stroke Center, David Geffen School of Medicine at the UCLA, Los Angeles, CA, USA, 2Saddleback Memorial Hospital, Laguna Hills, CA, USA, 3Division of Interventional Neuroradiology, UCLLA, Los Angeles, CA, USA, 4Marcus Stroke and Neuroscience Center, Grady Memorial Hospital, Department of Neurology, Emory University School of Medicine Atlanta, GA, USA, 5Departments of Radiology and Clinical Neurosciences, University of Calgary Calgary, Canada, 6Division of Neurovascular and Division of Neurosurgery, Department of Medical Imaging and Department of Surgery, Toronto Western Hospital, University Health Network, University of Toronto, Toronto, Canada, 7Department of Neurosurgery, SUNY at Buffalo Buffalo, NY, USA, 8University of Miami J&Jackson Memorial Hospitals Miami, FL, USA, 9Department of Diagnostic and Therapeutic Neuroradiology, University Hospital of Toulouse Toulouse, France, 10Neurovascular Imaging Research Core, Department of Neurology, UCLA Los Angeles, CA, US

Poster 82
Evaluating Distal Flow Beyond the Occluded Segment Using a Novel Microcatheter Contrast Injection Grading Scale: Correlation with Collateral Flow Radoslav Raychev1,2, Reza Jahan3, Jeffrey Saver1, Raul G. Nogueira4, Mayank Goyal5, Vitor M Pereira6, Elad I Levy7, Dileep P Yavagal8, Christophe Cognard9, David Liebeskind10 1Department of Neurology and Comprehensive Stroke Center, David Geffen School of Medicine at the UCLA, Los Angeles, CA, USA, 2Saddleback Memorial Hospital, Laguna Hills, CA, USA, 3Division of Interventional Neuroradiology, UCLLA, Los Angeles, CA, USA, 4Marcus Stroke and Neuroscience Center, Grady Memorial Hospital, Department of Neurology, Emory University School of Medicine Atlanta, CA, USA, 5Departments of Radiology and Clinical Neurosciences, University of Calgary Calgary, Canada, 6Division of Neurovascular and Division of Neurosurgery, Department of Medical Imaging and Department of Surgery, Toronto Western Hospital, University Health Network, University of Toronto, Toronto, Canada, 7Department of Neurosurgery, SUNY at Buffalo Buffalo, NY, USA, 8University of Miami J&Jackson Memorial Hospitals Miami, FL, USA, 9Department of Diagnostic and Therapeutic Neuroradiology, University Hospital of Toulouse Toulouse, France, 10Neurovascular Imaging Research Core, Department of Neurology, UCLA Los Angeles, CA, USA

Poster 83
Management of Tandem Occlusions - Restoration of Intracerebral Flow Utilizing the Circle of Willis Hazem Shoia1,2, Justin Mascitelli1, Johanna Fifi1 1Mount Sinai Medical Center, New York, NY, USA, 2University of Pittsburgh Medical Center, Pittsburgh, PA, USA

Poster 84
Comparison of Medical vs. Endovascular Treatment in Acute Cervical Dissections Yamin Shwe1, Chunyan Cai, Anjail Sharrief, Arroun Sarraj University of Texas Health Sciences Center at Houston, Houston, TX, USA

Poster 85
Ischemic Stroke Outcomes in Medical vs. Endovascular Treatment of Proximal Carotid Artery Occlusion Yamin Shwe1, Chunyan Cai, Anjail Z. Sharrief, Amrou Sarraj University of Texas Health Sciences Center at Houston, Houston, TX, USA

Poster 86
The Impact of Stent Retriever and The Results of Randomized Controlled Trials on the Acute Stroke Intervention: Single Center Experience Shuichi Suzuki1, Torn Lo, Kiarash Golshani, Mei Lin, Weng Yu, Lama Al-Khoury, Branko Huisa, Dana Stradling, Jason Meng, Hsu Frank UC Irvine Medical Center, Orange, CA, USA

Poster 87
Intravenous Thrombolysis Does Not Increase The Risk of Hemorrhage After Thrombectomy in Acute Stroke Jenny P. Tsai1, Michael Mlynash1, Christian Federua2, Soren Christensen1, Sun Kima2, Maarten G. Lansberg1 1Stanford Stroke Center, Department of Radiology, Stanford University Medical Center, Stanford, CA, USA, 2Division of Neuroradiology, Department of Radiology, Stanford University, Stanford, CA, USA

Poster 88
General Anesthesia During Endovascular Stroke Therapy Does Not Negatively Impact Outcome Q. Tony Wang1,2,3, Rachel Lehner1,2, Rivkah Epstein1, Isaac Rosenblum1, Nicole Eiden1, Madison Stellafox1, Amy Aquilina1, Noorie Pednekar3, Michael F. Stiefel1,2 1Westchester Neurovascular Institute, Westchester Medical Center Health Network, Valhalla, NY, USA, 2Department of Neurosurgery, Division of Neurovascular Surgery, Westchester Medical Center, New York Medical College, Valhalla, NY, USA, 3Department of Neurology, Westchester Medical Center, New York Medical College, Valhalla, NY, USA

Poster 89
Regional Collateral Flow Evaluation Predicts Infarction during Stroke Endovascular Procedures Pop Raou1,2, Manisor Monica1, Wolff Valérie1, Marescaux Christian1, Beaureaux Rémy1, Simu Mihaela1 1Interventional Neuroradiology Department, Strasbourg University Hospitals, France, 2Vascular Neurology Department, Strasbourg University Hospitals, France, 3Neurology Department, Timisoara County Emergency Hospital, Romania1

Poster 90

Poster 91
Radial Stack of Stars (SOS) Eliminates Motion and Flow-related Artifacts in Detecting Carotid Intraplaque Hemorrhage Osama A Jamil1, Laura Eisenmenger2, Booth Aldred2, Seong-Eun Kim3, Scott McNally2 1University of Utah-Department of Radiology, Salt Lake City, UT, USA, 2University of Utah-Department of Radiology, Salt Lake City, UT, USA, 3University of Utah- Utah Center for Advanced Imaging Research, Salt Lake City, UT, USA

ABSTRACT DISCLAIMER: Abstract information is published as submitted.
SVIN would like to thank the following Exhibitors:
This year’s Exhibit Hall is located in the Calusa Ballroom (E-H). The Exhibit Hall will be open during the days and times listed below. All of your breakfasts and breaks will be held in the Exhibit Hall, so be sure to take advantage and visit the exhibitors.

Back Again This Year! 2015 SVIN Exhibitor Raffle
Don’t forget to pick up your raffle card at the Registration/Help Desk and visit with the exhibitors to collect stamps. Once your raffle card is complete, drop it off at the Registration/Help Desk by 6:00 pm on Saturday and you will be eligible for prize drawings.

Exhibit Hall Hours:
Friday, October 16 6:45 am - 5:00 pm
Saturday, October 17 6:45 am - 5:00 pm
Sunday, October 18 6:45 am - 10:30 am

---

**Stryker Neurovascular - Booth 1**
47900 Bayside Parkway
Fremont, CA 94538
Tel: (510) 413-2500
Email: info@stryker.ca
www.stryker.com

Stryker Neurovascular is focused on advancing the practice of less-invasive stroke therapies through our Complete Stroke Care® Solutions. Stryker Neurovascular is dedicated to providing innovative stroke products and services for ischemic and hemorrhagic stroke, and committed to providing clinical education and support to help physicians deliver better patient outcomes. Our products include: Trevo® XP ProVue Retrievers, Target® Detachable Coils, Surpass™ Streamline™ Flow Diverters, stents, balloons, guidewires and microcatheters.

---

**Penumbra, Inc. - Booth 2**
1351 Harbor Bay Parkway
Acameda, CA 94502
Tel: (510) 748-3228
Fax: (510) 217-9202
Email: joybose@penumbrainc.com
www.penumbrainc.com

Penumbra is a specialty interventional therapies company that develops and markets innovative medical devices to treat challenging medical conditions with significant unmet clinical needs. We design our therapies to provide our customers with improved clinical outcomes through faster and safer procedures at significant overall cost savings to the healthcare system.

---

**Codman Neuro - Booth 3**
325 Paramount Drive
Raynham, MA 02767
Tel: (800) 225-0460
Email: iservice@dpyus.jnj.com
www.depuysynthes.com

Codman Neuro is a global leader in neurosurgery, and neurovascular intervention. The company offers a broad portfolio of devices used to treat patients suffering from debilitating neurological disorders such as hydrocephalus, cerebral aneurysm, hemorrhagic and ischemic stroke and spasticity. Codman Neuro is part of DePuy Synthes Companies of Johnson & Johnson.

---

**The Medicines Company - Booth 4**
8 Sylvan Way
Parsippany, NJ 07054
Tel: (973) 290-6000
Fax: (973) 656-9898
Email: krishna.gorti@themedco.com
www.themedicinescompany.com

The Medicines Company’s purpose is to save lives, alleviate suffering, and contribute to the economics of healthcare by focusing on 3,000 leading acute/intensive care hospitals worldwide. Its vision is to be a leading provider of solutions in three areas: acute cardiovascular care, surgery and perioperative care, and serious infectious disease care. The company operates in the Americas, Europe and the Middle East, and Asia Pacific regions with global centers today in Parsippany, NJ, USA and Zurich, Switzerland.

---

**Blockade Medical - Booth 5**
18 Technology, Suite 169
Irvine, CA 92618
Tel: (949) 788-1443
Fax: (949) 788-1444
Email: customerservice@blockademedical.com
www.blockademedical.com

Blockade Medical is a privately held medical device company founded in 2011 and dedicated to the development of endovascular technologies for both hemorrhagic and ischemic stroke. The Company is committed to commercializing products that are not only current standards of care but also innovative next generation solutions.

---

**ZOLL Medical - Booth 6**
269 Mill Road
Chelmsford, Massachusetts 01824-4105
Tel: (978) 421-9440
Fax: (978) 421-8807
Email: info@zoll.com
www.zoll.com

ZOLL Medical Corporation, a leader in medical products and software solutions, offers Intravascular Temperature Management (IVTM™) solutions, which provide healthcare professionals with the power and control needed to rapidly, safely, and more effectively manage the core body temperature of critically ill or surgical patients with warming and cooling applications.

---

**InTouch Health - Booth 7**
6330 Hollister Avenue
Santa Barbara, CA 93117
Tel: (805) 562-8663
Email: cfoster@intouchhealth.com
www.intouchhealth.com

InTouch Health, the leading telehealth network and services provider, distributes RAPID, an advanced stroke diagnostic imaging tool that helps stroke specialists improve treatment decisions based on how much brain tissue is salvageable, rather than solely on time windows. InTouch continues to build ecosystem partnerships to expand clinical capabilities and workflows.
Toshiba America Medical Systems, Inc. - Booth 8
2441 Michelle Drive
Tustin, CA 92780
Tel: (714) 730-5000
Fax: (714) 832-2570
www.medical.toshiba.com

Toshiba America Medical Systems, Inc. understands today’s healthcare business and delivers diagnostic imaging and interventional solutions that put customers first. Toshiba markets, sells, distributes and services these solutions throughout the U.S. It is committed to listening to customers and giving them a voice through patient-focused technology and superior customer service.

Endophys Holdings, LLC - Booth 9
Thanksgiving Tower, Suite 300
1601 Elm Street
Dallas, TX 75201
Tel: (214) 466-1428
Fax: (214) 377-0709
Email: tharrison@endophys.com
www.endophys.com

Endophys is a privately owned medical device company that develops pressure sensing systems which improves patient care by providing immediate and accurate high frequency digital endovascular physiology. Endophys created the Pressure Sensing Access System for direct arterial monitoring simultaneous with vascular access, saving time, decreasing sources of error and ending the need to “up-size” sheaths.

Asahi Intecc USA Inc. - Booth 10
2500 Red Hill Avenue, Suite 240
Santa Ana, CA 92705
Tel: (949) 756-8901
Fax: (949) 756-8165
Email: megumia@asahi-intecc.com
www.asahi-intecc.com

Asahi Intecc is a medical device company focused on delivering clinically unique devices used in vascular procedures by interventional cardiologists, interventional radiologists, vascular surgeons and neurovascular surgeons. Asahi will leverage its four core competencies to develop device-based solutions targeting specific niches where Asahi can achieve a market leading position.

Siemens Healthcare - Booth 11
40 Liberty Boulevard
Malver, PA 19355
Tel: (610) 448-6327
Fax: (347) 214-1743
www.usa.healthcare.siemens.com

Siemens Healthcare helps providers meet clinical, operational and financial challenges. A global leader in medical imaging, laboratory diagnostics and IT, we understand the entire care continuum—from prevention and early detection to diagnosis and treatment. For more: usa.siemens.com/healthcare

Pulsara - Booth 12
PO Box 895
Bozeman, MT 59771
Tel: (406) 539-3229
Email: Hannah@pulsara.com
www.pulsara.com

Who says an acute care management solution has to be complicated? Pulsara is a platform that performs like an app; providing dense data and motivating benchmarks. The easy-to-adopt, HIPAA-compliant, platform links up the entire Emergency Response Team with a tap-eliminating unnecessary pagers, phone calls, operators, faxes and emails.

CSL Behring - Booth 13
1020 First Ave
King of Prussia, PA 18406
Tel: (610) 878-4000
Fax: (610) 878-4009
www.cslbehring.com

CSL Behring is a global leader in the plasma protein biotherapeutics industry. We research, develop, manufacture and market biotherapies that are used to treat serious and rare conditions. Users of our therapies rely on them for their quality of life and, in many cases, for life itself.

MicroVention - Booth 14
1311 Valencia Avenue
Tustin, CA 92780
Tel: (714) 247-8000
Email: carol.waring@microvention.com
www.microvention.com

MicroVention develops innovative neuroendovascular technologies for the treatment of vascular diseases in small vessels and is committed to developing and manufacturing the highest quality products for its customers and patients while maintaining a strong Clinical Research and R&D focus to quickly respond to customer needs and advance therapeutic modalities.

Medtronic - Booth 15
9775 Toledo Way
Irvine, CA 92618
Tel: (949) 837-3700
Fax: (949) 465-1745
www.medtronic.com

As a global leader in medical technology, services and solutions, Medtronic improves the lives and health of millions of people each year. We use our deep clinical, therapeutic, and economic expertise to address the complex challenges faced by healthcare systems today. Let’s take healthcare Further, Together. Learn more at Medtronic.com.

Stryker and Frazer have come together to provide a customized, comprehensive, single-transaction mobile stroke solution including:

- Acquisition of all capital components
- Build-out and delivery of a fully functional Mobile Stroke Unit
- Implementation consulting and integration support
- Highly competitive capital financing
- Option for ongoing program management
DIFFERENT BY DESIGN.\(^1\)
BACKED BY DATA.\(^2\)

0% sICH\(^2\)
60% Good Clinical Outcomes (mRS 0-2) at 90 days\(^2\)
100% Solitaire™ Device Utilization in SWIFT PRIME\(^2\)

---

1. Data on file: FD2901A.

Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device. CAUTION: Federal (U.S.A.) law restricts this device to sale by or on the order of a physician. © 2015 Medtronic. All rights reserved. DC00018448

---

Penumbra System

ACE 64

tracks through tortuosity

Penumbra

www.penumbrainc.com

Product availability varies by country.

Copyright ©2015 Penumbra, Inc. All rights reserved.
SVIN Membership Benefits include:
- Subscription to Interventional Neurology
- Quarterly Electronic Newsletter, The Core
- Voting Rights
- Access to Member Directory
- Networking Opportunities
- Mentorship Program Participation
- Patient & Research Information
- Education & Career Planning
- Volunteer Opportunities
- Participation in National Taskforces

SVIN’s mission is to represent the advancement of interventional neurology as a field with the ultimate goal of improving clinical care and outcomes of patients with stroke and cerebrovascular diseases. To this end, SVIN is committed to fostering scientific research in the field of cerebrovascular diseases and neurointerventional procedures through internal and external collaboration with other groups and by educating young professionals and training young investigators. The Society also aims to provide opportunities to connect leaders in the field and provide a common ground for dialogue and creation of practice and safety standards.

Apply for FSVIN!
The Society of Vascular and Interventional Neurology offers a program that denotes “letters” to recognize exceptional service, academic excellence, and leadership in the field of vascular and interventional neurology. This program is called Fellow of Society of Vascular and Interventional Neurology. Individuals who meet the requirements of this Fellowship will add the letters, FSVIN, to their respective titles. A FSVIN candidate must meet the following application requirements.

- Completed application form
- Current curriculum vitae
- A personal statement outlining the applicant’s reasons for applying
- A copy of the applicant’s primary certification which must be completed and up to date.
- Two written letters of recommendation from active SVIN members outlining why the applicant should be accepted as a fellow

Applicant must be an active member of the Society of Vascular and Interventional Neurology for a minimum of 5 years and must have attended at least 3 annual meetings. Details for these are required on the application.

Questions? Please feel free to stop by the registration area; staff will be able to assist with questions.

Visit www.svin.org to apply online and view full application details.

SVIN CALC
Clinical decision tool for your mobile device
VERSION 2.0.3 NOW AVAILABLE!

We are proud to introduce the Society of “Vascular and Interventional Neurology” App, “SVIN CALC”, which is now available for Apple and Android platform smart phones. The app addresses an unmet need for a comprehensive neurovascular app to serve as a decision support tool for the neurovascular specialist. The current version includes 24 formulas and references for ischemic disease, hemorrhagic disease, neuro-intervention and outcome scales.

CONTACT
SVIN Executive Office
5841 Cedar Lake Road, Suite 204
Minneapolis, MN 55416
Tel: (952) 646-2045
Fax: (952) 545-6073
Email: info@svin.org
You are invited to attend a Lunch Symposium

Exploring Advances in the Treatment of Stroke Through Technique and Device Selection

Saturday, October 17
12:20-1:30 p.m.
Calusa Ballroom A-D

Optimizing Clot Retrieval in Acute Stroke: The Push Technique for Closed-Cell Stentriever
Raul G. Nogueira, MD
Director, Neuroendovascular Service
Marcus Stroke & Neuroscience Center, Grady Memorial Hospital
Associate Professor of Neurology, Neurosurgery and Radiology, Emory University School of Medicine

Visualize a Different World: Clinical Experience with the New Trevo™ XP ProVue Retriever 6mm
Jordi Blasco, MD
Senior Specialist, Neurointerventional Department Imaging Diagnostic Center, Hospital Clinic of Barcelona, Spain