



Society of Vascular and  
Interventional Neurology

# 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 - 8:00 am 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 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 - 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 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 - 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  
 8:00 am - 5:10 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 Potpourri  
 12:30 pm - 1:00 pm Session 11: Late Breaking Clinical Trials  
 1:00 pm Meeting Adjourns



**Alex Abou-Chebl, MD, FSVIN**  
8th Annual Meeting Program  
Chair, SVIN  
Board of Director, SVIN



**Vallabh Janardhan, MD, FSVIN**  
3rd Annual Stroke Center  
Workshop Program Chair, SVIN  
Founding Board of Director  
and Treasurer, SVIN



**Tudor Jovin, MD, FSVIN**  
Founding Board of Director  
and President, SVIN

## 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!

**Alex Abou-Chebl, MD, FSVIN**  
Chair, Annual Meeting Program Committee  
Member of the Board of Directors, Society of Vascular and  
Interventional Neurology



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## 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.

# GENERAL INFORMATION

## 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](http://akhcme.com/svin) to complete the online meeting evaluation and claim your CME/CE credits.

# AWARDS AND RECOGNITIONS

## 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 Elijevich, MD  
 Johanna T. Fifi, MD  
 David Liebeskind, MD  
 Italo Linfante, MD, FSVIN  
 Thanh Nguyen, MD, FSVIN  
 Robin Novakovic, MD  
 Marc Ribo, 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, FSVIN  
 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  
 Johana 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  
 Alhamza 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  
 Tehmina Salahuddin, MD  
 Sameer Sharma, MBBS  
 Hazem Shoirah, MD  
 Yamin Shwe, MD  
 Nikil 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:

### DOUBLE PLATINUM

**Medtronic**  
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### PLATINUM

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### GOLD

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**DePuy Synthes**  
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**TERUMO**

### 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](http://www.leahguzman.com)

# PROGRAM

## 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  
8:00 am - 9:30 am

**Welcome**

**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, EKGTransmission, 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 Triageed to the**

**“Most Appropriate Stroke Center”,** *Paul Hansen, MD*

9:00 am - 9:15 am

**“Drip and Ship Model”: Stroke Patients Should Be Triageed 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**

<b>10:45 am - 12:15 pm</b>	<b>Healthcare Systems - Industry Roundtable: Medical Devices, Tele-Health Technology, &amp; Successful Stroke Centers</b> <i>Moderator: Vallabh Janardhan, MD, FSVIN, Lori Massaro, MSN, CRNP and Anita Guthmann, RN, BSHM</i>
10:45 am - 11:15 am	<b>“The Role of Tele-Stroke In The ER vs. The Ambulance in the New Era of Endovascular Treatments for LVO Acute Ischemic Strokes”</b> Tele-Health Technology Roundtable, Panel Discussion <i>Panel Moderators: Lori Massaro, MSN, CRNP and Anita Guthmann, RN, BSHM</i>
11:15 am - 11:30 am	<b>Q&amp;A</b>
11:30 am - 12:15 pm	<b>Medical Device Industry CEO Roundtable, Panel Discussion</b> <i>Panel Moderator: Vallabh Janardhan, MD, FSVIN</i> <i>Industry Panel: Medtronic, MicroVention, Penumbra, and Stryker Neurovascular</i>
<b>12:15 pm - 12:45 pm</b>	<b>Lunch Buffet ..... Calusa Foyer</b>
<b>12:45 pm - 1:30 pm</b>	<b>Think Global, Act Local: Opportunities for Growth of Stroke Interventions Worldwide,</b> SVIN International Chapters Lunch Symposium, Panel Discussion ..... <b>Calusa Ballroom(A-D)</b>
<b>1:30 pm - 3:00 pm</b>	<b>Building Blocks for a Successful Stroke Center</b> <i>Moderator: Anita Guthmann, RN, BSHM</i>
1:30 pm - 1:45 pm	<b>Decoding the 2015 AHA/ASA Focused Update for Acute Ischemic Stroke Regarding Endovascular Therapy and Stroke Systems of Care,</b> <i>Dileep Yavagal, MD, MBBS, FSVIN</i>
1:45 pm - 2:00 pm	<b>Optimizing Door to Perfusion Times in LVO Acute Ischemic Stroke: Lessons Learned from Door to Balloon Times in STEMI’s,</b> <i>Brijesh Mehta, MD</i>
2:00 pm - 2:15 pm	<b>Staffing Models for Healthcare Systems That Have Multiple Stroke Interventional Labs within a Local Geography,</b> <i>Johanna T. Fifi, MD</i>
2:15 pm - 2:45 pm	<b>Developing a Business Plan and Staffing Model for a Financially Viable Neurocritical Care Unit,</b> <i>Patricia Santos, BSN, CNRN, RN</i>
2:45 pm - 3:00 pm	<b>Developing a Dynamic Stroke Unit,</b> <i>Anne W. Alexandrov, PhD, CCRN, NVRN-BC, ANVP-BC, FAAN</i>
<b>3:00 pm - 3:15 pm</b>	<b>Break ..... Calusa Foyer</b>
<b>3:15 pm - 4:55 pm</b>	<b>The Business of Stroke System Management</b> <i>Moderator: Anne W. Alexandrov, PhD, RN, CCRN, NVRN-BC, ANVP-BC, FAAN</i>
3:15 pm - 3:45 pm	<b>Developing Strong Stroke Center Service Line Management,</b> <i>Dana Beenstock, MSN, APN, ANVP-BC</i>
3:45 pm - 4:15 pm	<b>Stroke Coordinators vs. Stroke Data Support: Role Differentiation and New Data Management Tools that can Assist,</b> <i>Fern Cudlip, MSN, FNP, CNRN, ANVP</i>
4:15 pm - 4:30 pm	<b>Overcoming Resource Limitations: Innovative Stroke Team Models,</b> <i>Wendy Dusenbury, DNP, APRN-BC, ANVP-BC</i>
4:30 pm - 4:45 pm	<b>Evolving Quality Metrics for Acute Stroke: Are You Ready?,</b> <i>Buddy Connors, MD</i>
4:45 pm - 4:55 pm	<b>Panel Discussion</b>
<b>4:55 pm - 5:00 pm</b>	<b>Closing Remarks</b>
<b>6:00 pm - 7:30 pm</b>	<b>Opening Reception (All are Welcome) .....Belvedere Terrace</b>
<b>6:00 pm - 8:00 pm</b>	<b>Board Meeting..... Sanibel</b>



## Friday, October 16 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	Medtronic Technology Suite .....	Great Egret
7:55 am - 5:35 pm	General Session .....	Calusa Ballroom (A-D)
7:55 am - 8:00 am	Welcome	
8:00 am - 9:40 am	<b>Session 1: OK, So Embolectomy Works: Can We Make it More Effective and Safer?</b>	
	<i>Moderators: Mayank Goyal, MD, FRCPC and Tudor Jovin, MD, FSVIN</i>	
8:00 am - 8:10 am	<b>Patient Selection: Clinical, Multimodal Imaging or Just a CT and CTA?</b>	
	<i>Mayank Goyal, MD, FRCPC</i>	
8:10 am - 8:20 am	<b>Patient Selection post IV tPA: Who and When?</b>	
	<i>Mayank Goyal, MD, FRCPC</i>	
8:20 am - 8:30 am	<b>Local or General Anesthesia,</b>	<i>Alex Abou-Chebl, MD, FSVIN</i>
8:30 am - 8:40 am	<b>Adjunctive Treatment: Fibrinolytics, GP IIb/IIIa, other Devices: Who and When?</b>	<i>Tudor Jovin, MD, FSVIN</i>
8:40 am - 8:50 am	<b>Neurocritical Care: How Important is BP Control Pre, Intra, Post-Operatively?</b>	<i>Michael A. De Georgia, MD, FACP, FAHA, FCCM</i>
8:50 am - 9:00 am	<b>Is There a Role for Hypothermia with Embolectomy?</b>	<i>Michael A. De Georgia, MD, FACP, FAHA, FCCM</i>
9:00 am - 9:10 am	<b>Hypothermia in Acute Stroke: The Chinese Experience,</b>	<i>Ji Xunming, MD, PhD, MBA</i>
9:10 am - 9:20 am	<b>Is there a Role for Adjunctive Pharmacological Neuroprotection with Embolectomy?</b>	<i>Jeffrey Saver, MD</i>
9:20 am - 9:30 am	<b>Carotid/Vertebral Artery Stenosis in AIS: Which to Treat or Distal Lesion?</b>	<i>Raul Nogueira, MD, FSVIN</i>
9:30 am - 9:40 am	<b>Panel Discussion</b>	
9:40 am - 10:10 am	<b>Break with Exhibitors .....</b>	<b>Calusa Ballroom (E-H)</b>
10:10 am - 11:20 am	<b>Session 2: Embolectomy: How To Speed Things Up</b>	
	<i>Moderators: Raul Nogueira, MD, FSVIN and Mayank Goyal, MD, FRCPC</i>	
10:10 am - 10:20 am	<b>Shortening Ictus to First Embolectomy Pass,</b>	<i>Raul Nogueira, MD, FSVIN</i>
10:20am - 10:30 am	<b>What Role does EMS have on the Stroke Team?,</b>	<i>Brijesh Mehta, MD</i>
10:30 am - 10:40 am	<b>The Canadian Approach,</b>	<i>Mayank Goyal, MD, FRCPC</i>
10:40 am - 10:50 am	<b>How to Speed Things Up After Hours,</b>	<i>Ashutosh Jadhav, MD, PhD</i>
10:50 am - 11:00 am	<b>The Cardiology Perspective,</b>	<i>Rita Coram, MD, FACC</i>
11:00 am - 11:10 am	<b>Get Away from that Groin! Radial and other Access Routs: What You Need to Know About the Anatomy and Complications,</b>	<i>Rita Coram, MD, FACC</i>
11:10 am - 11:20 am	<b>Q&amp;A</b>	
11:20 am - 11:50 am	<b>Session 2.1 Complications and Complex Cases- AIS</b>	
	<i>Moderator: Alex Abou-Chebl, MD, FSVIN &amp; Italo Linfante, MD, FAHA, FSVIN</i>	
11:20 am - 11:30 am	<b>Stent Retriever Detachment: A Case Series,</b>	<i>Hesham Masoud, MD</i>
11:30 am - 11:40 am	<b>Complicated Vein of Galen Malformation,</b>	<i>Lucas Elijovich, MD</i>
11:40 am - 11:50 am	<b>Basilar Artery Thromboaspiration and Hemorrhage,</b>	<i>Paul Hansen, MD</i>
11:50 am - 12:10 pm	<b>Lunch Buffet .....</b>	<b>Calusa Foyer</b>
	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	<p><b>Medtronic Symposium: Non-CME.....Calusa Ballroom (A-D)</b>  <b>Advancing Patient Care Through Evidence and Technology</b></p> <p style="padding-left: 40px;"><b>The Cost Effectiveness of the Solitaire™ Revascularization Device as an Adjunct to IV-tPA for Acute Ischemic Stroke,</b>  <i>Jeffrey Saver, MD, Professor of Neurology, Geffen School of Medicine at UCLA, Director, UCLA Comprehensive Stroke Center</i></p> <p style="padding-left: 40px;"><b>The Arc Support Catheter &amp; Solitaire System: A New Generation of Delivery and Support for the Most Clinically Proven Stent Retrieval Device,</b>  <i>Sanjeev Nayak, MD, Neuroradiologist, University Hospital of North Staffordshire</i></p>
12:50 pm - 1:30 pm	<p><b>Penumbra Symposium: Non-CME .....Calusa Ballroom (A-D)</b>  <b>Management of Acute Ischemic Stroke Treatment: A European Perspective</b></p>
1:30 pm - 2:30 pm	<p><b>Platform Session I</b>  <i>Moderators: Italo Linfante, MD, FAHA, FSVIN and Mohamed Teleb, MD</i></p> <p style="padding-left: 40px;">1:30 pm - 1:40 pm <b>Improving Utilization Rates of Comprehensive Stroke Services; The Impact of a Regional Approach,</b> <i>Stacey M. Lang, MD</i></p> <p style="padding-left: 40px;">1:40 pm - 1:50 pm <b>Implications of Adherence to 2015 AHA Guidelines for Mechanical Thrombectomy (MT) in Emergent Large Vessel Occlusion (ELVO),</b> <i>Rohini Bhole, MD</i></p> <p style="padding-left: 40px;">1:50 pm - 2:00 pm <b>Preliminary Results of the Prospective Trevo Retriever Registry,</b> <i>Joey English, MD, PhD</i></p> <p style="padding-left: 40px;">2:00 pm - 2:10 pm <b>Mechanical Thrombectomy in Pediatric Patients with Large Vessel Occlusion: Clinical Case Series,</b> <i>Viktor Szeder, MD, PhD, MSC</i></p> <p style="padding-left: 40px;">2:10 pm - 2:20 pm <b>Outcomes of Thrombectomy in Tandem Compared to Isolated Intracranial Occlusions,</b> <i>Diogo C. Haussen, MD</i></p> <p style="padding-left: 40px;">2:20 pm - 2:30 pm <b>Q&amp;A</b></p>
2:30 pm - 3:40 pm	<p><b>Session 3: Aneurysms and AVMs- Questions</b>  <i>Moderators: Johanna T. Fifi, MD and Shuichi Suzuki, MD, PhD</i></p> <p style="padding-left: 40px;">2:30 pm - 2:40 pm <b>Incomplete vs. Complete Treatment of Ruptured Aneurysms: When Do You Stop?,</b> <i>Alberto Maud, MD</i></p> <p style="padding-left: 40px;">2:40 pm - 2:50 pm <b>SAH with Multiple Aneurysms: Which Aneurysm Do You Coil?,</b> <i>Muhammad Asif Taqi, MD, FAHA</i></p> <p style="padding-left: 40px;">2:50 pm - 3:00 pm <b>Coil Oversizing vs. Undersizing?,</b> <i>Rakesh Khatri, MD, FAHA</i></p> <p style="padding-left: 40px;">3:00 pm - 3:10 pm <b>Intra-op Aneurysm Rupture: Always Use a Balloon, Have it on the Table, or Have it in the Room?,</b> <i>Thanh Nguyen, MD, FRCP, FSVIN</i></p> <p style="padding-left: 40px;">3:10 pm - 3:20 pm <b>Aneurysm Follow-up: What Imaging Modality and When?,</b> <i>Robin Novakovic, MD</i></p> <p style="padding-left: 40px;">3:20 pm - 3:40 pm <b>Q&amp;A</b></p>
3:40 pm - 3:55 pm	<p><b>Break with Exhibitors .....Calusa Ballroom (E-H)</b></p>
3:55 pm - 5:15 pm	<p><b>Session 4: Subarachnoid and Intracranial Hemorrhage Practical Considerations</b>  <i>Moderators: Raul Nogueira, MD, FSVIN and Michael G. Abraham, BA, MD</i></p> <p style="padding-left: 40px;">3:55 pm - 4:05 pm <b>SAH Vasospasm: Which Neuro-Imaging Modality is Best?,</b> <i>Michael G. Abraham, BA, MD</i></p> <p style="padding-left: 40px;">4:05 pm - 4:15 pm <b>Indications for Treatment of Vasospasm: Medical and Endovascular,</b> <i>Shuichi Suzuki, MD, PhD</i></p>

4:15 pm - 4:25 pm	<b>The Late Presenting SAH with Untreated Aneurysm and Vasospasm,</b> <i>Sam Zaidat, MD, MS, FSVIN</i>
4:25 pm - 4:35 pm	<b>Vein of Galen Malformations- Technical Primer:</b>
4:35 pm - 4:45 pm	<b>The Essentials,</b> <i>Johanna T. Fifi, MD</i>
4:45 pm - 4:55 pm	<b>AVM Embolization Timing: Early or Late After Hemorrhage?,</b> <i>Ameer E. Hassan, DO</i>
4:55 pm - 5:05 pm	<b>Embolization of High Grade Non-Hemorrhagic AVMs:</b>
5:05 pm - 5:15 pm	<b>Dos and Don't's,</b> <i>Michael G. Abraham, BA, MD</i> <b>When Onyx/n-BCA Goes Where it Should Not,</b> <i>Sam Zaidat, MD, MS, FSVIN</i> <b>Q&amp;A</b>
<b>5:15 pm - 5:35 pm</b>	<b>Session 4.1 Complications and Complex Cases- SAH</b> <i>Moderator: Thanh Nguyen, MD, FRCP, FSVIN and Mayank Goyal, MD, FRCPC</i>
5:15 pm - 5:20 pm	<b>Failed Pipeline Positioning,</b> <i>Tareq Kass-Hout, MD</i>
5:20 pm - 5:25 pm	<b>Q&amp;A</b>
5:25 pm - 5:30 pm	<b>Complication of Balloon Remodeling in a Ruptured Aneurysm,</b> <i>Suman Nalluri, MD</i>
5:30 pm - 5:35 pm	<b>Q&amp;A</b>
<b>6:00 pm - 7:30 pm</b>	<b>Members-in-Training Reception.....Driftwood</b> <i>All students, residents, and fellows-in-training are encouraged to attend.</i>

## Saturday, October 17 Annual Meeting

<b>6:30 am - 6:00 pm</b>	<b>Registration/Help Desk .....</b>	<b>Calusa Foyer</b>
<b>6:45 am - 8:00 am</b>	<b>Breakfast .....</b>	<b>Calusa Ballroom (E-H)</b>
<b>6:45 am - 5:00 pm</b>	<b>Exhibit Hall.....</b>	<b>Calusa Ballroom (E-H)</b>
<b>7:00 am - 4:00 pm</b>	<b>Stryker Technology Suite .....</b>	<b>Great Egret</b>
<b>7:00 am - 8:00 am</b>	<b>International Breakfast Corner.....</b>	<b>Driftwood</b>

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!

<b>8:00 am - 5:10 pm</b>	<b>General Session .....</b>	<b>Calusa Ballroom (A-D)</b>
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### 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	<b>A Tale of Three Patients With ICAD,</b> <i>Alex Abou-Chebl, MD, FSVIN</i>
8:07 am - 8:15 am	<b>Critical Review of Intracranial Stenting Trials: SAMMPRIS and VISSIT,</b> <i>Sam Zaidat, MD, MS, FSVIN</i>
8:15 am - 8:25 am	<b>Intracranial PTA vs. PTAS: Comparison Trial?,</b> <i>Steve M. Cordina, MD</i>
8:25 am - 8:32 am	<b>Balloon Expandable vs. Self-Expanding Stents,</b> <i>Anand Alurkar, MD, DM, DNB, FINR</i>
8:32 am - 8:40 am	<b>Durability of Angioplasty and Stenting,</b> <i>Mikael Mazighi, MD, PhD</i>
8:40 am - 8:50 am	<b>Intrastent Stenosis: How Do You Manage?,</b> <i>Mikael Mazighi, MD, PhD</i>
8:50 am - 9:00 am	<b>TCD and Noninvasive Imaging in ICAD Pre and Post Stenting,</b> <i>Andrei V. Alexandrov, MD</i>

<b>9:00 am - 10:00 am</b>	<p><b>Platform Session II</b>  <i>Moderators: Jawad F. Kirmani, MD, FSVIN and Muhammad Asif Taqi, MD, FAHA.</i></p> <p>9:00 am - 9:10 am <b>Drivers of Differential Outcomes in Thrombectomy Procedures Performed Under General Anesthesia Versus Non-General Anesthesia, Anit K. Behera, MD</b></p> <p>9:10 am - 9:20 am <b>Acute Stroke Therapy: A Multicenter Experience of the ACE64 Reperfusion Catheter in Endovascular Thrombectomy, Annika Kowoll, MD</b></p> <p>9:20 am - 9:30 am <b>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</b></p> <p>9:30 am - 9:40 am <b>Proprietary Software Enhancement of Digital Subtraction Angiography for Perfusion Mapping of Posterior Circulation, Siddhart Mehta, MD</b></p> <p>9:40 am - 9:50 am <b>Spinal Dural Arteriovenous Fistula: Long Term Clinical and Radiographic Outcomes with Endovascular Therapy Alone in a Single Academic Center, Christopher J. Southwood, MD</b></p> <p>9:50 am - 10:00 am <b>Admission Neutrophil-Lymphocyte Ratio Predicts Delayed Cerebral Ischemia Following Aneurysmal Subarachnoid Hemorrhage, Fawaz Al-Mufti, MD</b></p>
<b>10:00 am - 10:30 am</b>	<b>Break with Exhibitors ..... Calusa Ballroom (E-H)</b>
<b>10:30 am - 11:40 am</b>	<p><b>Session 6: Endovascular on the Fly: Great Saves and Innovative Approaches</b>  <i>Moderators: Raul Nogueira, MD, FSVIN and Italo Linfante, MD, FAHA, FSVIN</i></p> <p>10:30 am - 10:35 am <b>Retrograde Recanalization of a Basilar Artery Occlusion Causing Acute Stroke, James D. Rossen, MD</b></p> <p>10:35 am - 10:42 am <b>Sacral Artery AV-Fistula Embolization, Michael G. Abraham, BA, MD</b></p> <p>10:42 am - 10:50 am <b>Trouble Shooting While Deploying Multiple PED in a Giant, Fusiform Internal Carotid Artery Aneurysm, Italo Linfante, MD, FAHA, FSVIN</b></p> <p>10:50 am - 11:00 am <b>Baby Stent Retriever for Distal Occlusions, Diogo C. Haussen, MD</b></p> <p>11:00 am - 11:10 am <b>Difficult Access- Tricks and Pitfalls, Raul Nogueira, MD, FSVIN</b></p> <p>11:10 am - 11:20 am <b>Difficult Pipeline Case, Gabor Toth, MD</b></p> <p>11:20 am - 11:30 am <b>Pipeline in Posterior Circulation, Mohammad Ali Aziz-Sultan, MD</b></p> <p>11:30 am - 11:40 am <b>Ten Tips/Tricks in 10 Minutes, Alex Abou-Chebl, MD, FSVIN</b></p>
<b>11:40 am - 12:15 pm</b>	<b>Presidential Address and Annual Business Meeting..... Calusa Ballroom (A-D)</b>
<b>12:15 pm - 12:30 pm</b>	<p><b>Lunch Buffet ..... Calusa Foyer</b>          Please grab your lunch and return directly back to the general session room for the start of the afternoon industry symposium.</p>
<b>12:30 pm - 1:30 pm</b>	<p><b>Stryker Lunch Symposium (Non-CME) ..... Calusa Ballroom (A-D)</b>  <b>Exploring Advances in the Treatment of Stroke Through Technique and Device and Selection</b></p> <p><b>Optimizing Clot Retrieval in Acute Stroke: The Push Technique for Closed-Cell Stentriever, Raul Nogueira, MD, FSVIN</b></p> <p><b>Visualize a Different World: Clinical Experience with the New Trevo™ XP ProVue Retriever 6mm, Jordi Blasco, MD</b></p>

**1:30 pm - 3:15 pm**

- 1:30 pm - 1:35 pm
- 1:35 pm - 1:40 pm
- 1:40 pm - 1:45 pm
- 1:45 pm - 1:50 pm
  
- 1:50 pm - 2:05 pm
- 2:05 pm - 2:20 pm
- 2:20 pm - 2:30 pm
- 2:30 pm - 2:40 pm
- 2:40 pm - 2:50 pm
- 2:50 pm - 3:00 pm
- 3:00 pm - 3:15 pm

**Session 7: New Devices and International Perspectives**

*Moderators: Mikael Mazighi, MD, PhD and Robin Novakovic, MD*

**Web: From Basics to Trial to Practice, Johanna T. Fifi, MD**

**FRED: Tricks and Precautions, Johanna T. Fifi, MD**

**Luna, Sam Zaidat, MD, MS, FSVIN**

**What Devices Do We Need? Unmet Needs,**

*Vallabh Janardhan, MD, FSVIN*

**What Does Europe Have to Offer Besides Coffee and Chocolate: Devices?, Mikael Mazighi, MD, PhD**

**Acute Stroke Intervention in Developing Countries,**

*Anand Alurkar, MD, DM, DNB, FINR*

**Acute Stroke Intervention in Japan, Hiroshi Yamagami, MD, PhD**

**International Speakers' Complex Case of Choice,**

*Hiroshi Yamagami, MD, PhD*

**International Speakers' Complex Case of Choice,**

*Mikael Mazighi, MD, PhD*

**International Speakers' Complex Case of Choice,**

*Anand Alurkar, MD, DM, DNB, FINR*

**Q&A**

**3:15 pm - 3:45 pm**

**Break with Exhibitors ..... Calusa Ballroom (E-H)**

**3:45 pm - 4:45 pm**

- 3:45 pm - 4:05 pm
- 4:05 pm - 4:25 pm
- 4:25 pm - 4:45 pm

**Session 8: Edited Live Cases**

*Moderators: Jawad F. Kirmani, MD, FSVIN and Nils Mueller-Kronast, MD, FSVIN*

**Edited Live Case 1 - Acute Ischemic Stroke,**

*Sam Zaidat, MD, MS, FSVIN*

**Edited Live Case 2 - Aneurysmal Subarachnoid Hemorrhage,**

*Italo Linfante, MD, FAHA, FSVIN*

**Edited Live Case 3 - Chronic Total ICA Occlusion,**

*Alex Abou-Chebl, MD, FSVIN*

**4:45 pm - 5:10 pm**

- 4:45 pm - 4:50 pm
- 4:50 pm - 4:53 pm
- 4:53 pm - 4:58 pm
- 4:58 pm - 5:01 pm
- 5:01 pm - 5:06 pm
- 5:06 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*

**Triple Hit-Series of Unfortunate Events, Rohini Bhole, MD**

**Q&A**

**Fractured Coil in Left ICA, Ryan Gianatasio, MD**

**Q&A**

**IV tPA Propagates Embolic Stroke, Siddhart Mehta, MD**

**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
- 6:45 pm - 7:30 pm
- 7:30 pm - 8:15 pm

- Dinner and Reception
- Odd-Numbered Poster Standby Times
- Even-Numbered Poster Standby Times

## Sunday, October 18 Annual Meeting

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

# FACULTY

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Mohammad Ali Aziz-Sultan, MD	Proctor/Lecture	Covidien
Joey English, MD PhD	Consultant	Medtronic, Inc., Silk Road Medical, Stryker
	Speaker	Medtronic, Inc., Stryker
Johanna T. Fifi, MD	Proctor	MicroVention, Inc.
	Shares	Lazarus Effect, Inc.
Mayank Goyal, MD	Consultant	Covidien, Stryker
	Licensing Fee	GE Healthcare
James Grotta MD	Consultant	Frazer, Stryker
	Contracted Research	Covidien, Genentech, Inc.
Ameer Hassan, DO	Consultant/honoraria	Covidien, GE Healthcare, MicroVention, Inc., Stryker
Italo Linfante, MD, FAHA	Consultant	Codman Neuro, Medtronic, Inc./Covidien, Stryker
	Stock Options	InNeuroCo, Inc.
Raul Nogueira, MD	Consultant	Covidien, Penumbra, Inc., Stryker
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## PLATFORM SESSION I 1:30 pm - 2:30 pm

**Friday, October 16, 1:30 - 1:40 pm**  
**Improving Utilization Rates of Comprehensive Stroke Services; The Impact of a Regional Approach**  
Stacey M Lang<sup>1</sup>

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 Bhole<sup>1</sup>, Nitin Goyal<sup>1</sup>, Katherine Nearing<sup>1</sup>, Andrey Belayev<sup>1,2</sup>, Vinodh Tommy Doss<sup>1,2</sup>, Lucas Elijovich<sup>1,2</sup>, Daniel A Hoit<sup>1,2</sup>, Georgios Tsvigoulis<sup>1,3</sup>, Anne W Alexandrov<sup>1</sup>, Adam S Arthur<sup>1,2</sup>, Andrei V Alexandrov<sup>1</sup>

<sup>1</sup>University of Tennessee Health Science Center, Memphis, TN, USA, <sup>2</sup>Department of Neurosurgery, Semmes-Murphey Brain and Spine Institute, Memphis, TN, USA, <sup>3</sup>Second 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 English<sup>1</sup>, Rishi Gupta<sup>2</sup>, Ronald Budzik<sup>3</sup>, Blaise Baxter<sup>4</sup>, Erol Veznedaroglu<sup>5</sup>

<sup>1</sup>California Pacific Medical Center, San Francisco, CA, USA, <sup>2</sup>Wellstar Medical Group, Marietta, GA, USA, <sup>3</sup>Riverside Methodist Hospital, Columbus, OH, USA, <sup>4</sup>Erlanger Health System, Chattanooga, TN, USA, <sup>5</sup>Capital Health, Pennington, NJ, USA

**Friday, October 16, 2:00 - 2:10 pm**  
**Mechanical thrombectomy in pediatric patients with large vessel occlusion – clinical case series.**

Viktor Szeder<sup>1</sup>, Tomas Bryndziar<sup>2</sup>, Nestor R. Gonzalez<sup>1</sup>, Satoshi Tatehima<sup>1</sup>, Neal Rao<sup>3</sup>, Jason D. Hinman<sup>3</sup>, Latisha Ali<sup>3</sup>, Reza Jahan<sup>1</sup>, David S. Liebeskind<sup>3</sup>, Gary R. Duckwiler<sup>1</sup>, Jeffrey L. Saver<sup>3</sup>

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**Friday, October 16, 2:10 - 2:20 pm**

**Outcomes of Thrombectomy in Tandem Compared to Isolated Intracranial Occlusions**

Diogo C. Haussen<sup>1</sup>, Andrey Lima<sup>1</sup>, Mikayel Grigoryan<sup>2</sup>, Jonathan Grossberg<sup>1</sup>, Michael Frankel<sup>1</sup>, Samir Belagaje<sup>1</sup>, Aaron Anderson<sup>1</sup>, Leticia C. Rebello<sup>1</sup>, Raul G. Nogueira<sup>1</sup>

<sup>1</sup>Emory University / Grady Memorial Hospital, Atlanta, GA, USA, <sup>2</sup>Atlanta Medical Center, Atlanta, GA, USA

**Friday, October 16, 2:20 - 2:30 pm**  
**Q&A**

## PLATFORM SESSION II 9:00 am - 10:00 am

**Saturday, October 17, 9:00 - 9:10 am**

**Drivers of Differential Outcomes in Thrombectomy Procedures Performed Under General Anesthesia versus Non-General Anesthesia.**

Anit K. Behera<sup>1</sup>, Eric S. Armbricht<sup>1</sup>, Amer Al Shekhlee<sup>2</sup>, Randall C. Edgell<sup>3</sup>

<sup>1</sup>St. Louis University Center for Outcomes Research, St. Louis, MO, USA, <sup>2</sup>SSM Neurosciences Institute at DePaul Health Center, St. Louis, MO, USA, <sup>3</sup>St. 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 Kowoll<sup>1</sup>, T.H. Lo<sup>2</sup>, Werner Weber<sup>1</sup>, Christian Loehr<sup>3</sup>, Ansgar Berlis<sup>4</sup>, Gyula Gal<sup>5</sup>, Antonio Moreno<sup>6</sup>, Johannes Weber<sup>7</sup>, Javier Masso<sup>8</sup>, Simone Peschillo<sup>9</sup>

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**Saturday, October 17, 9:20 - 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.**

Nguyen Thanh<sup>1</sup>, Castonguay AC<sup>2</sup>, Nogueira RN<sup>3</sup>, English J<sup>4</sup>, Farid H<sup>5</sup>, Veznedaroglu E<sup>6</sup>, Puri AS<sup>7</sup>, Janardhan V<sup>8</sup>, Vora N<sup>9</sup>, Alshekhlee A<sup>10</sup>, Abraham MG<sup>11</sup>, Khoury R<sup>12</sup>, Mehta S<sup>13</sup>, Majihoo AQ<sup>14</sup>, Froehler MT<sup>15</sup>, Zaidat OO<sup>16</sup>

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**Saturday, October 17, 9:30 - 9:40 am**

**Proprietary Software Enhancement of Digital Subtraction Angiography for Perfusion Mapping of Posterior Circulation**

Siddhart Mehta<sup>1</sup>, 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 Southwood<sup>1</sup>, 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-Mufti<sup>1</sup>, David Roh<sup>1</sup>, Philip Meyers<sup>2</sup>, E. Sander Connolly<sup>2</sup>, Jan Claassen<sup>1,2</sup>, Michael J. Schmidt<sup>1</sup>

<sup>1</sup>Department of Neurology, Columbia University Medical Center, New York, NY, USA, <sup>2</sup>Departments of Neurosurgery, Columbia University Medical Center, New York, NY, USA

## POSTER SESSION AND RECEPTION

Saturday, October 17  
6:00 pm – 9:00 pm  
Calusa Terrace

Dinner and Reception: 6:00 – 6:45 pm  
Odd-Numbered Posters: 6:45 – 7:30 pm  
Even-Numbered Posters: 7:30 – 8:15 pm

Join experts in the field and “Walk Around with the Professor” during this year’s poster session. Below is a list of the Professors and the schedule. View the complete abstracts electronically on the attendee portal and via the mobile app.

Professor Name	Poster Group	Poster Group
Sam Zaidat, MD, MS, FSVIN	Odd Posters 1-19	
Randall C. Edgell, MD, FSVIN		Even Posters 2-20
Andrei V. Alexandrov, MD	Odd Posters 21-39	
Mohamed Teleb, MD		Even Posters 22-40
Alex Abou-Chebl, MD, FSVIN	Odd Posters 41-59	
Italo Linfante, MD, FSVIN		Even Posters 42-60
Edgar Samaniego, MD	Odd Posters 61-79	
Muhammad Asif Taqi, MD		Even Posters 62-80
Jawad Kirmani, MD, FSVIN	Odd Posters 81-91	
Raul Nogueira, MD, FSVIN		Even Posters 82-90

### Poster 1

#### Acute Ischemic Stroke Presenting as Hemichorea: A Case Report

Bernadette N Borte MD<sup>1</sup>,

Jose A Ramos PhD<sup>1</sup>

<sup>1</sup>USD Medical Center/ Neuroscience, Sioux Falls, SD, USA, <sup>2</sup>USD Medical Center/ Neuroscience, Sioux Falls, SD, USA

### Poster 2

#### Posterior Reversible Encephalopathy Syndrome in Late Post Partum Eclampsia: A Case Report

Patricia V. dela Rosa<sup>1</sup>

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 Doan<sup>1</sup>, Ha S Nguyen<sup>1</sup>, Michael Gelsomino<sup>1</sup>, Saman Shabani<sup>1</sup>, Wade Mueller<sup>1</sup>, Osama Zaidat<sup>2</sup>

<sup>1</sup>Medical College of Wisconsin / Neurosurgery, Milwaukee, WI, USA, <sup>2</sup>Medical 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. Dolia<sup>1</sup>, Rebecca M Sugg

University of Mississippi Medical Center/Department of Neurology, Jackson, MS, USA

### Poster 5

#### Reversible Cerebral Vasoconstriction Syndrome (RCVS) with Angiographic Evidence Before and After Stopping Venlafaxine

Mohamad Ezzeldin<sup>1</sup>, 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

Mohamad Ezzeldin<sup>1</sup>, 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 Trigemino-cardiac Reflex

Kasra Khatibi<sup>1</sup>, Omar Choudhri<sup>2</sup>, Huy Do<sup>3</sup>

<sup>1</sup>Department of Neurology, Stanford University, Stanford, CA, USA, <sup>2</sup>Department of Neurosurgery, Stanford University, Stanford, CA, USA, <sup>3</sup>Departments of Radiology and 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 Kinoshita<sup>1</sup>, Hiroshi Yamagami<sup>1</sup>, Takuro Arimizu<sup>2</sup>, Mikito Hayakawa<sup>2</sup>, Yuichi Miyazaki<sup>2</sup>, Kazunori Toyoda<sup>2</sup>, Kazuyuki Nagatsuka<sup>1</sup>

<sup>1</sup>Department of Neurology, National Cerebral and Cardiovascular Center, Suita, Osaka, Japan, <sup>2</sup>Department 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 Nguyen<sup>1</sup>, Ninh B Doan<sup>1</sup>, Gerald Eckardt<sup>1</sup>, Michael Gelsomino<sup>1</sup>, Saman Shabani<sup>1</sup>, W. Douglas Brown<sup>2</sup>, Wade Mueller<sup>1</sup>, Glen Pollock<sup>1</sup>

<sup>1</sup>Medical College of Wisconsin / Neurosurgery, Milwaukee, WI, USA, <sup>2</sup>Medical College of Wisconsin / Radiology, Milwaukee, WI, USA

### Poster 10

#### Surgical Decompression Coupled with Diagnostic Dynamic Intraoperative Angiography for Bow Hunter’s Syndrome

Ha S Nguyen<sup>1</sup>, 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-Orisan<sup>1</sup>, 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

Kessar Panichpisal<sup>1</sup>, Nazli Janjua<sup>1</sup>,

Wassana Plengsombat<sup>2</sup>

<sup>1</sup>Asia Pacific Comprehensive Stroke Institute, Pomona, CA, USA, <sup>2</sup>Bumrungrad International Hospital, Bangkok, Thailand

### Poster 13

#### Thrombectomy In Wake Up Stroke With An Excellent Outcome: A Case Report

Apoorv Prasad<sup>1</sup>, Anuradha Duleep ,

Sameer Sharma

Upstate Medical University, Syracuse, NY, USA

### Poster 14

#### Internal Carotid Artery Pseudoaneurysm and Ischemic Stroke Secondary to Retropharyngeal and Parapharyngeal Abscess

Michael W Ruff<sup>1</sup>, Deena M Nasr<sup>1</sup>,

James P Klaas<sup>1</sup>, Deborah L Renaud<sup>2</sup>

<sup>1</sup>Department of Neurology, Rochester, MN, USA,

<sup>2</sup>Department of Neurology Division of Child and Adolescent Neurology, Rochester, MN, USA

### Poster 15

#### Cerebral Infarction After Bee Sting

Ashish Kulhari<sup>1</sup>, 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.

Wled Wazni<sup>1</sup>, Sam Zaidat<sup>1</sup>, Alicia Castonguay<sup>1</sup>,

Ali Abdallah<sup>2</sup>, Mazen Noufal<sup>1</sup>, Ahsan Sattar<sup>1</sup>

<sup>1</sup>Medical College of Wisconsin/Neurology, Milwaukee, WI, USA, <sup>2</sup>Detroit Mercy, Detroit, MI, USA

### Poster 17

#### Safety of Intra-Ventricular rt-PA for IVH caused by a Ruptured AVM

Dileep R Yavagal<sup>2</sup>, Sushrut S Dharmadhikari<sup>1</sup>,

Amer M Malik<sup>2</sup>

<sup>1</sup>Wayne State University, Detroit, MI, USA, <sup>2</sup>University of Miami, Miami, FL, USA

### Poster 18

#### Posterior Approach to the Posterior Circulation Clot

Nikil Swamy<sup>1</sup>, Sonal Mehta

Palmetto Health Richland, Columbia, SC, USA

### Poster 19

#### Prevalence and Healing Rates of Duplex Detected Carotid Plaque Ulcers

Sushrut S Dharmadhikari<sup>1</sup>, Bennett A2, Campo Nelly<sup>2</sup>, Romano Jose<sup>2</sup>, Koch Sebastian<sup>2</sup>

<sup>1</sup>Wayne State University, Detroit, MI, USA, <sup>2</sup>University 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. Ramdas<sup>1</sup>, Ryan N. Pafford<sup>1</sup>, Diogo C. Hausssen<sup>3</sup>, Delmas McBee<sup>2</sup>, J. Neal Rutledge<sup>2</sup>, David Y. Huang<sup>4</sup>, Sean I. Savitz<sup>5</sup>, James Hinson<sup>6</sup>, Dileep R. Yavagal<sup>1</sup>

<sup>1</sup>Department of Neurology- University of Miami Leonard M. Miller School of Medicine / Jackson Memorial Hospital, Miami, FL, USA, <sup>2</sup>Department of Neurology - University Medical Center at Brackenridge, Austin, TX, USA, <sup>3</sup>Departments of Neurology, Neurosurgery and Radiology - Emory University School of Medicine / Grady Memorial Hospital Marcus Stroke and Neuroscience Center, Atlanta, GA, USA, <sup>4</sup>Department of Neurology, The University of North Carolina School of Medicine Chapel Hill, NC, USA, <sup>5</sup>Department of Neurology, The University of Texas Medical School Houston, TX, USA, <sup>6</sup>Cytomedix, Inc Durham, NC, USA

### Poster 21

#### Endovascular Stroke Intervention in the Very Young

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#### Revascularization of Subacute and Chronic Total Occlusion of the Internal Carotid Artery and VA

Ossama Yassin Mansour

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#### Safety and Efficacy of Intravenous Eptifibatide as Standalone Therapy for select Acute Ischemic Stroke Patients (SIESTA trial)

Harina Chahal<sup>1</sup>, Siddhart Mehta, Mohammad Moussavi, Jaskiran Brar, Daniel Korya, Josh Daniels, Mena Samaan, Rushil Kalola, Azka Shaikh, Mohammed Hussain, Alex Yang Ge, Jawad Kirmani

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#### Large Volumes of Critically Hypoperfused Tissue Do Not Preclude Good Outcomes after Fast and Complete Endovascular Reperfusion: Redefining “Malignant Profile” and “Target Mismatch”

Andrey Lima<sup>1</sup>, Diogo Hausssen, Seena Dehkharghani, Rebello Leticia, Belagaje Samir, Anderson Aaron, Nogueira Raul

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#### Accuracy of Mobile Devices for Acute Stroke Head CT Interpretation among Neurologists in Training.

Priyank Khandelwal<sup>1</sup>, Clotilde Balucani<sup>2</sup>, Qing Hao<sup>2</sup>, Leah Steinberg<sup>2</sup>, Jeremy Weedon<sup>2</sup>, Sebina Bulic<sup>2</sup>, Ellie Dancour<sup>2</sup>, Carlos Escasena<sup>2</sup>, Kester Phillip<sup>2</sup>, Jihan Grany<sup>2</sup>, Steven R. Levine<sup>2</sup>

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#### Balloon Test Occlusion of the Internal Carotid Artery: Venous Phase Delay does not predict SPECT Result.

Samir Sur<sup>1</sup>, Brian M. Snelling, Sudheer Ambekar, Eric C. Peterson, Dileep R. Yavagal, Mohamed S. Elhammady

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#### Let's Tango: Approach to the Tandem Lesion

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#### Intracranial Fibromuscular Dysplasia in a Middle-Aged Woman with Recurrent Ischemic Stroke

Nicole Beaton<sup>1</sup>, Sebastian Koch<sup>1</sup>, Yvan Maque-Acosta<sup>1</sup>, Amer M Malik<sup>2</sup>

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#### Effectiveness of Low-profile Visualized Intraluminal Support (LVIS) Device for Intracranial Aneurysm as a Standalone or for Assisted Coiling-Our Early Experience.

Fnu Abhishek<sup>1</sup>, Sushrut Dharmadhikari, Vikram Jadhav, Aniel Majihoo, Andrew Xavier

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#### Flow-Diversion for Ophthalmic Segment Aneurysms.

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#### Phase I Experience of Safety of Eptifibatide in Select Patients with Elective Cerebral Aneurysm Embolization

Joshua Daniel<sup>1</sup>, Jaskiran Brar, Mohammad Moussavi, Siddhart Mehta, Daniel Korya, Harina Chahal, Mena Samaan, Yong-Bum Song, Mohammed Hussain, Jawad Kirmani

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#### Impact of Menopausal Age on Size of Unruptured Intracranial Aneurysms and their Outcomes with Endovascular Therapy

Sushrut S Dharmadhikari<sup>1</sup>, Atchaneeyasakul Kunakorn<sup>2</sup>, Sudheer Ambekar<sup>2</sup>, Dileep R Yavagal<sup>2</sup>

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#### In-stent stenosis after Pipeline Embolization Device Flow Diversion Treatment for Intracranial Aneurysms

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#### Intra-Aneurysmal Double Microcatheter Technique for Complex Aneurysm

Nilesh Kinge<sup>1</sup>, Atulabh Vajpeyee<sup>2</sup>, Rama Kant<sup>3</sup>, Narendra Mal<sup>4</sup>

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#### Endovascular Treatment of Consecutive Unruptured Anterior Communicating Artery Aneurysms

John M. Leschke<sup>1</sup>, Ahsan Sattar, Kaiz Asif, Wled Wazni, Mazen Noufal, Sam O. Zaidat

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#### Analysis of 3D Printing Techniques for Brain Aneurysms

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#### Trends of Morbidity and Mortality in Endovascular Management of Intracranial Aneurysm - A 10 Year Report

Tapan V. Mehta<sup>1</sup>, Hussain Mohammed<sup>1</sup>, Dimitre Mirtchev<sup>1</sup>, Paul Mazaris<sup>2</sup>, Amre Nouh<sup>1,2</sup>

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#### Periprocedural Predictors of Acute Ischemic Stroke in Endovascular Treatment of Unruptured Intracranial Aneurysm

Tapan V. Mehta<sup>1</sup>, Dimitre Mirtchev<sup>1</sup>, Kathan Mehta<sup>2</sup>, Mohammed Hussain<sup>1</sup>, Narwal Priya<sup>1</sup>, Louise McCullough<sup>1</sup>

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**Isolated Proximal PICA Dissecting Aneurysms Treated with Parent Artery Occlusion with Good Outcomes, Report of 4 Cases and Anatomical Discussion**  
Mazen Noufal<sup>1</sup>, Sam Zaidat, Brian-Fred Fitzsimmons, John Lynch, Marc Lazzaro

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**Impact of the New AHA/ASA Definition of Stroke on the Outcome of the SAMMPRIS Trial**

Sami Al Kasab<sup>1</sup>, Michael Lynn<sup>2</sup>, Tanya Turan<sup>1</sup>, Colin P Derdyn<sup>3</sup>, David Fiorella<sup>4</sup>, Bethany F Lane<sup>1</sup>, Jean Montgemry<sup>2</sup>, L Scott Janis<sup>5</sup>, Marc I Chimowitz<sup>1</sup>

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## Poster 41

**Dedicated Stroke Units with Bedside Monitoring and Better Blood Pressure Control**

Audrey Arango<sup>1</sup>, Florence Chukwunke, Briana DeCarvalho, Yong- Bum Song, Jaskiran Brar, Siddhart Mehta, Mohammad Moussavi, Spozhmy Panezai, Jawad Kirmani

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**Evaluating the Impact of Insurance Precertification on Discharge of Stroke Patients to Skilled Nursing Facility or Inpatient Rehabilitation Center.**

Ashish Kulhari<sup>1</sup>, Andrew L Smith<sup>1</sup>, Julie Wolfram<sup>2</sup>, Anthony Furlan<sup>1</sup>

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**Stenosis and Manometry Correlation in Evaluating Dural Venous Sinus Stenosis in Idiopathic Intracranial Hypertension**

Jeremy C Peterson<sup>1</sup>, Michael Abraham<sup>2</sup>

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## Poster 44

**Evaluating the Presence of Endothelial Cells in Thrombi Removed during Endovascular Treatment: A Feasibility Study.**

Michelle Previtera<sup>1</sup>, Amitabha Sengupta, Daniel Korya, Mohammad Moussavi, Siddhart Mehta, Jawad Kirmani

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**Successful Thrombectomy in a 10 year-old boy with Restrictive Cardiomyopathy after Cardioembolic Infarct.**

Ashish Kulhari<sup>1</sup>, Yasir Saleem, Krishna Kandregula, Ciro Ramos-Estebanez  
*Case Western Reserve University/Neurology, Cleveland, OH, USA*

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**Novel Application Of Reversible Parental Antiplatelets in Patients with Aneurysmal Subarachnoid Hemorrhage**

Harina Chahal<sup>1</sup>, Siddhart Mehta, Mohammad Moussavi, Daniel Korya, Jaskiran Brar, Mena Samaan, Joshua Daniel, Yong-Bum Song, Jawad Kirmani

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**Screening for Delayed Cerebral Ischaemia in Aneurysmal Subarachnoid Haemorrhage in Critical Care: An International Survey.**

Laura K Markham<sup>1</sup>, Milo Hollingworth<sup>2</sup>, Aimum Jamjoo<sup>3</sup>, PR Chen<sup>4</sup>, A Goddard<sup>5</sup>, A Coulthard<sup>6</sup>, Michael Soderman<sup>7</sup>, Ketan R Bulsara<sup>8</sup>

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**Institution of Code NeuroIntervention and its Impact on Reaction and Treatment Times**

Joshua Daniel<sup>1</sup>, Jaskiran Brar, Spozhmy Panezai, Ravdeep Oberoi, Florence Chukwunke, Siddhart Mehta, Daniel Korya, Harina Chahal, Mohammad Moussavi, Jawad Kirmani

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**Optimizing Financial Performance at a Large Comprehensive Stroke Center**

Thomas Devlin<sup>1</sup>, Traci Jennings<sup>1</sup>, Ken Berry<sup>2</sup>, Blaise Baxter<sup>3</sup>, Peter Catalano<sup>4</sup>, Abdelazim Sirelkhatim<sup>1</sup>

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**Improving Door to Puncture Times (Need of Hour): Pilot Quality Improvement Project.**

Priyank Khandelwal<sup>1</sup>, Kevin Ramdas<sup>2</sup>, Fadar O. Otite<sup>2</sup>, Nicole Beaton<sup>2</sup>, Anita Tipirneni<sup>2</sup>, Luis Deldago<sup>2</sup>, Eric Peterson<sup>2</sup>, Dileep Yavagal<sup>2</sup>

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**Overcoming Barriers to Reduce Door to Needle Times in Acute Ischemic Stroke Patients: Field to CT**

Spozhmy Panezai<sup>1</sup>, Florence Chukwunke, Audrey Arango, Jaskiran Brar, Joshua Daniel, Daniel Korya, Siddhart Mehta, Mohammad Moussavi, Jawad Kirmani

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**A Brain Attack Protocol Achieving Better Door to Needle Time in Stroke**

Dennys Reyes<sup>1</sup>, Raja Boddepalli, Lixandra Gonzalez, Efrain D. Salgado

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## Poster 53

**Acute Stroke and Stroke Mimics in Two Different Brain Attack Protocols at Cleveland Clinic Florida.**

Dennys Reyes<sup>1</sup>, Raja Boddepalli, Lixandra Gonzalez, Efrain D. Salgado

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## Poster 54

**Response to Recent Trials in a Major Tertiary Stroke Center**

Hazem Shoirah<sup>1,2</sup>, Justin R Mascitelli<sup>1</sup>, Natalie Wilson<sup>1</sup>, Peter Shearer<sup>1</sup>, Johanna Fifi<sup>1</sup>, Srinivasan Paramasivam<sup>1</sup>, Stephan Mayer<sup>1</sup>, Stanley Tuhim<sup>1</sup>, J Mocco<sup>1</sup>

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**Stroke VAN: A Large Artery Stroke Screening Tool for the ED and Field Use**

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## Poster 56

**Preliminary Experience with Precipitating Hydrophobic Injectable Liquid (PHIL) in Treating Cranial AVMs and Fistulas**

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**Outcome After Treatment of Spinal Dural Arteriovenous Fistula: a Single-Institution Case Series**

Anita Tipirneni<sup>1</sup>, Kunakorn Atchaneeyasakul<sup>1</sup>, Pankaj Sharma<sup>1</sup>, Nirav H. Shah<sup>1</sup>, Dileep Yavagal<sup>1,2</sup>

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**Spinal Dural Ateriovenous Fistulas Mimicking Demyelinating Disease**

Anita Tipirneni<sup>1</sup>, Melissa R Ortega<sup>1</sup>, Amer M Malik<sup>1</sup>, Dileep R Yavagal<sup>1,2</sup>

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#### Post-Acute Ischemic Stroke Thrombectomy and Obesity Paradox

Michael G. Abraham<sup>1</sup>, Matthew Sharrock, Rawan Albadareen, Sanjeev Keshary, Manoj Mittal  
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#### High Safety Outcomes Using Proximal Protection Device with Carotid Stenting of Long Carotid Stenoses

Kunakorn Atchaneeyasakul<sup>1</sup>, Priyank Khandelwal<sup>3</sup>, Sudheer Ambekar<sup>2</sup>, Kevin Ramdas<sup>1</sup>, Dileep Yavagal<sup>1</sup>  
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#### Elevated INR Does Not Predict Failure of Mechanical Thrombectomy in Acute Ischemic Strokes Secondary to Large Vessel Occlusion.

Garrett Bennett<sup>1</sup>, Gabriel Vidal<sup>1,2,3</sup>, James Milburn<sup>1,2,3</sup>  
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### Poster 62

#### Eptifibatide is Safe and May Improve Outcomes in Stroke Patients Undergoing Thrombectomy after Receiving IVtPA

Jaskiran Brar<sup>1</sup>, Siddhart Mehta, Mohammad Moussavi, Daniel Korya, Harina Brar, Swathi Kondapalli, Mena Saman, Aska Shaikh, Rushil Kalola, Yong- Bum Song, Jawad Kirmani  
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#### Efficacy of IV tPA in Treatment of Large Vessel Ischemic Strokes Not Amenable to Endovascular Therapy

Jaskiran Brar<sup>1</sup>, Spozhmy Panezai, Joshua Daniel, Jawad Kirmani, Siddhart Mehta, Daniel Korya, Florence Chukwunke, Mohammad Moussavi  
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#### Emergent Distal Mechanical Thrombectomy for Acute Stroke Using the Mindframe Capture LP System: Initial Single Center Experience

Russell Cerejo<sup>1</sup>, Seby John, Andrew Bauer, Muhammad S Hussain, Mark Bain, Peter Rasmussen, Ferdinand Hui, Thomas Masaryk, Gabor Toth  
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#### Utility of Thromboelastogram in Optimizing Antithrombotic Strategy in Secondary Stroke Prevention

Vikas Gupta<sup>1</sup>, Rahat Suddle, Waleed Rahiem  
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#### Unchanged Utilization of Endovascular Treatment in Acute Ischemic Stroke Patients in the Post IMS-III Era

Ameer E. Hassan<sup>1</sup>, Ahmed A. Malik<sup>2</sup>, Wondwossen Tekle<sup>1</sup>, Adnan I Qureshi<sup>2</sup>  
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#### Sensitivity and Specificity of the Prehospital NIHSS for Screening Intra-arterial Thrombectomy Candidates: Experience on a Mobile Stroke Unit

James Grotta<sup>1</sup>, Chunyan Cai, Mohammad Rahbar, Ritvij Bowry, Stephanie A Parker, James C Grotta  
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#### Outcomes of Acute Stroke Interventions in Posterior Circulation Stroke – A Single Centre Experience

Gurmeen Kaur<sup>1</sup>, Sameer Sharma, Julius G Latorre

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#### Outcomes of Trevo – The Last Stentriever in Acute Stroke Intervention - A Single Centre Experience

Gurmeen Kaur<sup>1</sup>, Sameer Sharma, Julius G Latorre  
*Upstate Medical University, Syracuse, NY, USA*

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#### Acute Stroke Thrombectomy Outcomes for Patients Transferred Directly to the Angiosuite in an Effort to Reduce Delay to Reperfusion

Cynthia L Kenmuir MD PhD<sup>1</sup>, Tudor G Jovin MD<sup>1</sup>, Brian T Jankowitz MD<sup>2</sup>, Andrew F Ducruet MD<sup>2</sup>, Alhamza R Al-Bayati MD<sup>1</sup>, Hazem Shorah MD<sup>1</sup>, Ashutosh P Jadhav MD PhD<sup>1</sup>

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#### Discharge Modified Rankin Scale as a Predictor of 3- Month Functional Outcome after Mechanical Thrombectomy for Acute Ischemic Stroke

Sanjeev R. Keshary<sup>1</sup>, Matthew S. Markert, Matthew F. Sharrock, Rawan Albadareen, Michael G. Abraham, Manoj Mittal  
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#### Outcome of Stent-Retriever Mechanical Thrombectomy in Nonagenarians: How well are we pushing the limits?

Pankaj Shamra<sup>2</sup>, Priyank Khandelwal<sup>1</sup>, Kevin Ramdas<sup>2</sup>, Amer Malik<sup>2</sup>, Dilleep Yavagal  
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#### Thrombectomy Saves Lives AND Saves Money: A Call for Action

Daniel Korya<sup>1</sup>, Mohammad Moussavi, Spozhmy Panezai, Jaskiran Brar, Audrey Arango, Ihtesham Qureshi  
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#### Mechanical Thrombectomy for Distal Occlusions Only Makes Sense for Left-Sided Ischemic Strokes

Daniel Korya<sup>1</sup>, Siddhart Mehta, Jaskiran Brar, Harina Chahal, Mena Samaan, Yong-Bum Song, Briana DeCarvalho, Jawad Kirmani  
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#### Arteriovenous Shunting is Not Associated with Negative Outcomes among Acute Ischemic Stroke Patients

Miguel S. Litao<sup>1</sup>, Harpaul Bhamra<sup>1</sup>, Keith DeSousa<sup>1,2</sup>, Erez Nosseck<sup>3</sup>, Eytan Raz<sup>2</sup>, Maksim Shapiro<sup>1,2</sup>, Albert Favate<sup>1</sup>, Tibor Becske<sup>1,2</sup>, Peter K Nelson<sup>2</sup>  
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#### 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 Loqi<sup>1,2,3</sup>, Varun V Reddy<sup>1,2</sup>, Ashok Devasenapathy<sup>1,2</sup>, George Petro<sup>2</sup>, Anas Hourani<sup>3</sup>, Chun-An Chou<sup>3</sup>  
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#### Should the Decision for Mechanical Thrombectomy be Based on PreProcedure CT Head Showing Early Changes in Specific Regions of the Brain?

Siddhart Mehta<sup>1</sup>, Daniel Korya, Mohammad Moussavi, Jaskiran Brar, Mena Samaan, Swathi Kondapalli, Briana DeCarvalho, Jawad Kirmani  
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### Endovascular Treatment of Posterior Circulation Strokes Improves Outcome

Mohammad Mousavi<sup>1</sup>, Siddhart Mehta, Daniel Korya, Jaskiran Brar, Azka Shaikh, Rushil Kalola, Shayan Nizam, Spozhmy Panezai, Jawad Kirmani, Alex

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### “Stroke Alerts” Among Admitted Patients – Do We Have An Effective System? – A Single Center Perspective

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### Is Eptifibatide a Viable and Safe Option as StandAlone Therapy For Acute Ischemic Stroke Patients?

Spozhmy Panezai<sup>1</sup>, Daniel Korya, Mohammad Mousavi, Siddhart Mehta, Jaskiran Brar, Harina Chahal, Josh Daneil, Alex Yang Ge, Mena Samaan, Jawad Kirmani  
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### Safety of Microcatheter Injection in Perdition of Hemorrhagic Transformation and Outcome in SWIFT PRIME

Radoslav Raychev<sup>1,2</sup>, Reza Jahan<sup>3</sup>, Jeffrey Saver<sup>1</sup>, Raul G. Nogueira<sup>4</sup>, Mayank Goyal<sup>5</sup>, Vitor M Pereira<sup>6</sup>, Elad I Levy<sup>7</sup>, Christophe Cognard<sup>8</sup>, David Liebeskind<sup>9</sup>

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### Evaluating Distal Flow Beyond the Occluded Segment Using a Novel Microcatheter Contrast Injection Grading Scale: Correlation with Collateral Flow

Radoslav Raychev<sup>1,2</sup>, Reza Jahan<sup>3</sup>, Jeffrey Saver<sup>1</sup>, Raul G. Nogueira<sup>4</sup>, Mayank Goyal<sup>5</sup>, Vitor M Pereira<sup>6</sup>, Elad I Levy<sup>7</sup>, Dileep R Yavagal<sup>8</sup>, Christophe Cognard<sup>9</sup>, David Liebeskind<sup>10</sup>

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### Management of Tandem Occlusions - Restoration of Intracerebral Flow

#### Utilizing the Circle of Willis

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## Poster 84

### Comparison of Medical vs. Endovascular Treatment in Acute Cervical Dissections

Yamin Shwe<sup>1</sup>, Chunyan Cai, Anjail Sharrief, Amrou 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 Shwe<sup>1</sup>, 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 Suzuki<sup>1</sup>, Tom 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. Tsai<sup>1</sup>, Michael Mlynash<sup>1</sup>, Christian Federau<sup>2</sup>, Soren Christensen<sup>1</sup>, Sun Kim<sup>1</sup>, Maarten G. Lansberg<sup>1</sup>

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## Poster 88

### General Anesthesia During Endovascular Stroke Therapy Does Not Negatively Impact Outcome

Q. Tony Wang<sup>1,2,3</sup>, Rachel Lehner<sup>1,2</sup>, Rivkah Epstein<sup>1</sup>, Isaac Rosenblum<sup>1</sup>, Nicole Eiden<sup>1</sup>, Madison Stellfox<sup>1</sup>, Amy Aquilina<sup>1</sup>, Noorie Pednekar<sup>3</sup>, Michael F. Stiefel<sup>1,2</sup>

<sup>1</sup>Westchester NeuroVascular Institute, Westchester Medical Center Health Network, Valhalla, NY, USA, <sup>2</sup>Department of Neurosurgery, Division of NeuroVascular Surgery, Westchester Medical Center, New York Medical College, Valhalla, NY, USA, <sup>3</sup>Department 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 Raoul<sup>1,3</sup>, Manisor Monica<sup>1</sup>, Wolff Valérie<sup>2</sup>, Marescaux Christian<sup>2</sup>, Beaujeux Rémy<sup>1</sup>, Simu Mihaela<sup>3</sup>

Interventional Neuroradiology Department, Strasbourg University Hospitals, France<sup>1</sup>Vascular Neurology Department, Strasbourg University Hospitals, France<sup>2</sup>Neurology Department, Timisoara County Emergency Hospital, Romania<sup>3</sup>

## Poster 90

### Role of Minimally and Non Invasive Tools in Diagnosing and Treating Symptomatic Carotid Stenosis

Alhamza R. Al-Bayati<sup>1</sup>, Amin Aghaebrahim, David M. Panczykowski, Gregory M. Weiner, Cynthia L. Kenmuir, Hazem Shoirah, Ruba R. Al-Ramadhani, Ashutosh P. Jadhav, Tudor G. Jovin, Brian T. Jankowitz

University of Pittsburgh Medical Center/Neurology, Pittsburgh, PA, USA

## Poster 91

### Radial Stack of Stars (SOS) Eliminates Motion and Flow-related Artifacts in Detecting Carotid Intraplaque Hemorrhage

Osama A. Jamil<sup>1</sup>, Laura Eisenmenger<sup>2</sup>, Booth Aldred<sup>2</sup>, Seong-Eun Kim<sup>3</sup>, Scott McNally<sup>2</sup>

<sup>1</sup>University of Utah-Department of Neurology, Salt Lake City, UT, USA, <sup>2</sup>University of Utah-Department of Radiology, Salt Lake City, UT, USA, <sup>3</sup>University of Utah-Utah Center for Advanced Imaging Research, Salt Lake City, UT, USA

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Saturday, October 17	6:45 am - 5:00 pm
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<sup>1</sup> Data on file: FD2601A.

<sup>2</sup> Saver JL, Goyal M, Bonafe A, et al. Stent-retriever thrombectomy after intravenous t-PA vs. t-PA alone in stroke. N. Engl. J. Med. Jun 11 2015;372(24):2285-2295.

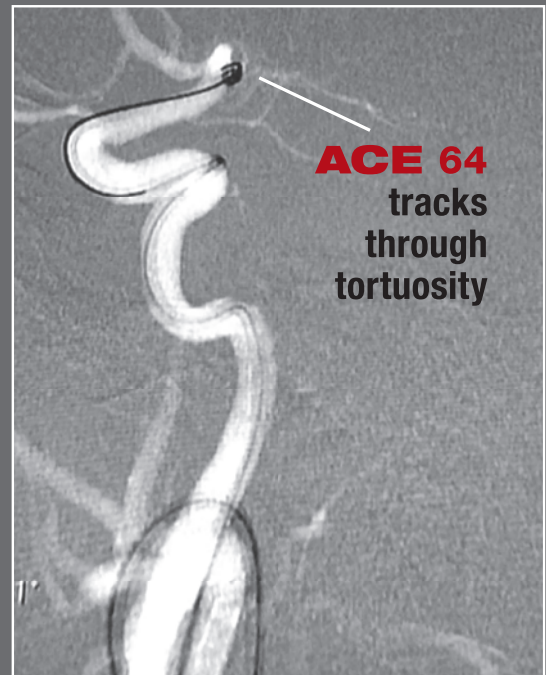
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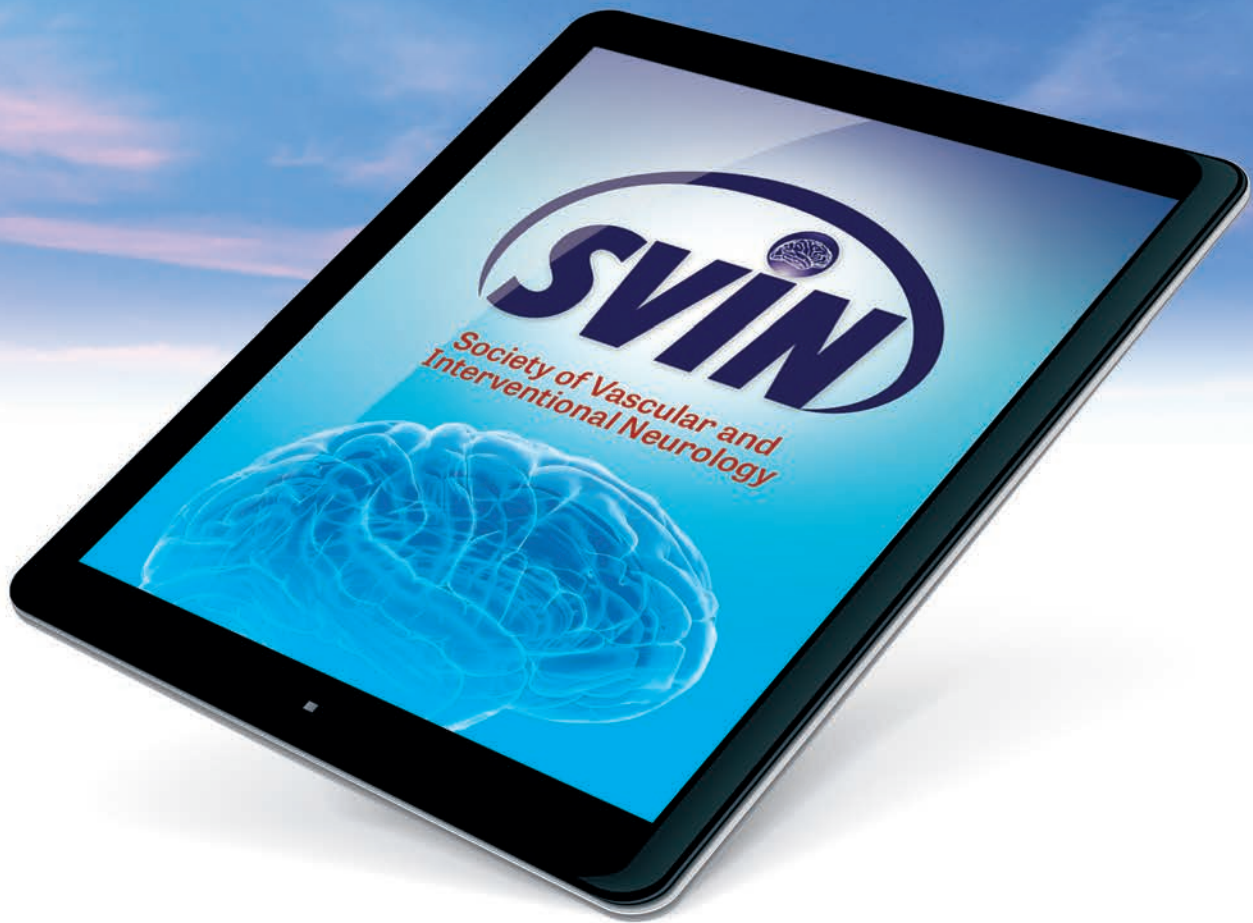
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