



Society of Vascular and Interventional Neurology

2nd Annual Stroke Center Certification Workshop

November 6, 2014

7th Annual SVIN Meeting

November 7 – 9, 2014

PROGRAM



November 6-9, 2014 | Westin Diplomat | Hollywood, Florida



Welcome

The Society of Vascular and Interventional Neurology (SVIN) invites you to be a part of the 7th Annual Meeting at The Westin Diplomat Resort & Spa in Hollywood, Florida! SVIN membership continues to broaden in terms of professional backgrounds, levels of training and experience. 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 to raise awareness and disseminate knowledge concerning developments in cerebrovascular diseases. This year will mark the 2nd pre-conference Annual Workshop addressing education on stroke center certification. Vallabh Janardhan, MD 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 who are interested in learning the requisite components of building, certifying and sustaining a successful stroke center.

In response to society member feedback, we have added a day to the meeting and 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 Mark Alberts, MD, FAHA as the 2014 Keynote Speaker. Dr. Alberts will address *Interventional Therapies for Cerebrovascular Disease--the Good, the Bad, the Needed, and the Few*. Join other experts and lend your insights as we promote advancement in the topics that are at the forefront of our field today.

Additionally, SVIN's commitment to enhance the educational content of the meeting is highlighted by the unique hands-on training opportunities that will be offered. We wish to acknowledge the gracious assistance and participation of all our annual meeting supporters and exhibitors. Through their generous support of SVIN's initiative you will have the opportunity to learn a new procedure at the pre-conference Vertebral Augmentation Course, and make sure to take time to visit the hands-on training room that runs concurrently throughout the meeting. The addition of the hands-on training room offers the exciting opportunity for SVIN members to learn and practice new techniques, train with the latest devices and see the advances offered by leading industries in the field. In the Exhibit Hall, visit the acute stroke simulator that runs a stroke case from door-to-intervention, providing the opportunity to compare methodology and treatment techniques between peers and experts in the field.

The Abstract Selection Workgroup, chaired by Alicia Castonguay, PhD, met the challenge of choosing the best scientific abstracts from the 100+ excellent submissions. She 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. Also, make a point to join us at the Opening Reception on Thursday night to celebrate the start of an exciting meeting and be sure to take advantage of the opportunity to socialize with peers and leaders in the field at the Annual Banquet Dinner on Friday.

I want to personally thank the Annual Meeting Committee members, SVIN's Executive Board and Board of Directors who have generously donated their time and efforts to help put together this outstanding meeting. Likewise, my deepest gratitude to the Executive Office for their hard work and expert guidance. I look forward to a wonderful time learning, networking and having fun with all of you in Florida!

Robin Novakovic, MD
Chair, Annual Meeting Program Committee
Board of Directors, Society of Vascular and Interventional Neurology



Robin Novakovic, MD
2014 SVIN Annual Meeting
Program Chair, SVIN



Vallabh Janardhan, MD
2014 Stroke Center Certification Workshop
Program Chair, SVIN
Founding Board of Director
and Treasurer, SVIN



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

Stroke Center Certification Workshop Objectives

- Differentiate between Certification and Accreditation
- Summarize the economics of acquiring and maintaining a Certification
- Evaluate the certification options available for both Primary and Comprehensive Stroke Centers.
- Explore advanced technology utilization in stroke care delivery models and stroke center development
- Utilize interventional devices at a Comprehensive Stroke Center
- Identify institutional gaps regarding Stroke Certified Centers in order to implement Criteria
- and bridging measures to overcome those gaps to meet standards
- Implement the infrastructure and personnel requirements for a Primary Stroke Center and CSC, including core services, technology and nursing staff
- Discuss how to align electronic health records and data management to monitor compliance with regulatory and Certification requirements
- Review the responsibility of a Stroke Certified Center toward patient education and awareness., building bonds with EMS & referring community hospitals
- Discuss Performance Improvement and its role in improving stroke center outcomes

SVIN Annual Meeting Learning Objectives

- Analyze the potential impact of Healthcare Reform as applies to vascular neurology and neurointerventions
- Identify cost considerations of reperfusion therapy in the modern area
- Apply best practice in patient selection for endovascular revascularization therapy
- Describe new advances in vascular imaging as applies to vascular neurology and neurointervention
- Review current literature and recommendations for patients with intracranial atherosclerotic disease
- Review current literature and recommendations for patients with cervical atherosclerotic disease
- Describe new techniques and highlight advances in the field of vascular malformations
- Analyze and debate current literature on AVM natural history and indications for treatment
- Describe new techniques, review indications for treatment and highlight advances in the field of cerebral aneurysm
- Discuss current thinking on nonatherosclerotic vasculopathies
- Highlight emerging technologies and advances in the fields of vascular neurology and neurointervention
- Describe highlights and update from relevant trials

Target Audience

- Neurointerventionists
- Interventional neurologists
- Interventional neuroradiologists
- Endovascular neurosurgeons
- Vascular neurologists
- Neurointensivists
- Other related neurological or endovascular practitioners

THANK YOU

SVIN Would like to extend a special thank you to the following individuals for their contributions to the SVIN 2014 Meeting:

Stroke Center Certification Workshop:

Vallabh Janardhan, MD, *Chair*
Anita Guthmann, RN, BSHM, *Co-Chair*
Lori Massaro, MSN, CRNP, *Co-Chair*

Annual Meeting Committee:

Robin Novakovic, MD, *Chair*
Alex Abou-Chebl, MD
Alicia Castanguay, PhD
Ramy El Khoury, MD
Marc Lazzaro, MD, MS
Italo Linfante, MD

Abstract Committee:

Alicia Castanguay, PhD, *Chair*
Michael Abraham, BA, MD
Michael Chen, MD
Randall Edgell, MD
Lucas Eljovich, MD
Marc Lazzaro, MD, MS
Italo Linfante, MD
Thanh Nguyen, MD
Kessarín Panichpisal, MD
Muhammad Taqi, MD
Mohamed Teleb, MD
Albert Yoo, MD

Fellow Travel Grant Reviewers:

Thanh Nguyen, MD
Sandra Narayanan, MD

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EXHIBITION

SVIN would like to welcome the following Exhibitors:

Asahi Intecc USA, Inc.

Codman Neuro

Endophys Holding LLC

INSTOR

Neuro News

Pulsara

Toshiba

Blockade Medical

Covidien

Hospital Corporation of America

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Wednesday, November 5

4:00 pm - 8:00 pm

Registration/Help Desk

Westin Lobby

Thursday, November 6

Stroke Center Certification Workshop

6:30 am - 6:00 pm

Registration/Help Desk

Atlantic Foyer

7:45 am – 5:15 pm

Stroke Center Certification Workshop

Atlantic 3

The Stroke Center Certification Workshop (SCC) 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 systems, hospital administrators, 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 Stroke and a practical boot camp for developing a stroke center.

Upon completion of this workshop, attendees will be able to: 1) Discuss the differences between Certification and Designation; 2) Explore advanced technology utilization in stroke care delivery models and stroke center development. Understanding the role of interventional devices at the CSC; 3) Learn to identify institutional gaps regarding SCC criteria & bridging measures to overcome those gaps to meet standards; 4) Understand the infrastructure & personnel requirements for a PSC and CSC, including core services, technology & nursing staff; 5) Summarize the economics of becoming & maintaining Stroke Center Certification; 6) Discuss how to align electronic health records and data management to facilitate regulatory & Certification requirements; and 7) Review the responsibility of SCC toward patient education & awareness, building bonds with EMS & referring community hospitals.

7:45 am - 8:00 am **Welcome**

8:00 am - 9:00 am **Value of Stroke Center Certification and Designation**

Moderator: Vallabh Janardhan, MD

8:00 am - 8:15 am **Differences Between Stroke Center Certification & Designation,**
Tanzila Shams, MD, MHA

8:15 am - 8:30 am **State-wide Criteria for Stroke Center Certification & Designation,**
Vallabh Janardhan, MD

8:30 am - 8:45 am **Clinical Impact of Stroke Center Certification,** *Alexander Venizelos, MD*

8:45 am - 9:00 am **Business Impact of Stroke Center Certification,** *Patricia Santos, RN, BSN, CNRN*

9:00 am - 9:15 am **Break**

Atlantic Foyer

9:15 am - 10:15 am **Requirements for Stroke Center Certification**

Moderator: Patricia Santos, RN, BSN, CNRN

9:15 am - 9:30 am **Level I Comprehensive Stroke Center Certification: TJC Perspective,**
Daniel Castillo, MBA, MD

9:30 am - 9:45 am **Alternative to TJC for Level I Comprehensive Stroke Center Certification: DNV**
Perspective, *Cathie Abrahamsen, RN, MSN*

9:45 am - 10:00 am **Level II Primary Stroke Center Certification: TJC Perspective,** *Lori Massaro, MSN, CRNP*

10:00 am - 10:15 am **Level III Acute Stroke Ready Hospital Certification: HFAP Perspective,**
Therese Poland, RN, BSN, MSN

10:15 am - 10:30 am	Break	Atlantic Foyer
10:30 am - 12:15 pm	Industry Roundtable: Medical Devices, Tele-Health Technology, and Successful Stroke Centers <i>Moderator: Vallabh Janardhan, MD</i>	
10:30 am - 10:45 am	Third Party Telestroke Model , <i>Ricardo Garcia-Rivera, MD</i>	
10:45 am - 11:00 am	Hub-Stroke Telestroke Model , <i>Tudor Jovin, MD</i>	
11:00 am - 11:30 am	Tele-Health Technology Roundtable , <i>Panel Discussion</i>	
11:30 am - 12:15 pm	Medical Device Industry CEO Roundtable , <i>Codman, Covidien, MicroVention, Penumbra, and Stryker</i>	
12:15 pm - 1:30 pm	Lunch Break Buffet will be set in the Atlantic Foyer	Atlantic 3
1:30 pm - 2:30 pm	Building Blocks for a Successful Stroke Center <i>Moderator: Anita Guthmann, RN, BSHM</i>	
1:30 pm - 1:45 pm	Carotid Stenting Certification , <i>Alex Abou-Chebl, MD</i>	
1:45 pm - 2:00 pm	Building and Sustaining a Successful Stroke Interventional Lab , <i>Randall Edgell, MD</i>	
2:00 pm - 2:15 pm	Building a Successful Neurocritical Care Unit , <i>Jawad Kirmani, MD</i>	
2:15 pm - 2:30 pm	Stroke Rehab Certification , <i>Ryan Seymour, CEO</i>	
2:30 pm - 2:45 pm	Break	Atlantic Foyer
2:45 pm - 3:45 pm	Quality Metrics <i>Moderator: Lori Massaro, MSN, CRNP</i>	
2:45 pm - 3:00 pm	Stroke Optimization , <i>Deborah Roper, RN, MSN</i>	
3:00 pm - 3:15 pm	Time Based Metrics for Stroke Centers , <i>Rishi Gupta, MD</i>	
3:15 pm - 3:30 pm	Data Management in Stroke Centers (INSTOR) , <i>Buddy Connors, MD</i>	
3:30 pm - 3:45 pm	Data Management in Stroke Centers (NeuroBase®) , <i>Michelle Whaley, CNS</i>	
3:45 pm - 4:00 pm	Break	Atlantic Foyer
4:00 pm - 5:15 pm	Boot Camp for Stroke Center Certification <i>Moderator: Anita Guthmann, RN, BSHM</i>	
4:00 pm - 4:30 pm	Comprehensive Stroke Center Certification: TJC & DNV , <i>Anita Guthmann, RN, BSHM</i>	
4:30 pm - 5:00 pm	Primary Stroke Center Certification: TJC , <i>Sharon Eberlein, RN, MBA, BSN, NE-BC</i>	
5:00 pm - 5:15 pm	Closing Remarks	
6:00 pm - 7:30 pm	Opening Reception (All are Welcome)	Room 303
7:00 pm - 9:00 pm	Board Meeting	Room 320

1:00 pm - 5:00 pm
Vertebral Augmentation Workshop With Support from Stryker (Non-CME)
Instructor: Doug Yim, MD
Room 312 & 313

This educational workshop will focus on Vertebral Augmentation utilizing Stryker's Single Source Solution with various injectable delivery options. Expert faculty will provide participants with a didactic session including history, background, technique, expected results and patient selection/workup. Physicians will learn how to perform this innovative, minimally invasive procedure using anatomical models during a hands-on laboratory session.

Upon completion of this course workshop attendees should be able to: 1) Discuss indications and contraindications for Vertebral Augmentation; 2) Understand patient selection and workup; 3) Observe faculty-performed balloon assisted Vertebral Augmentation technique; and 4) Perform a balloon assisted Vertebral Augmentation with faculty guidance.

Friday, November 7
Annual Meeting
6:30 am - 6:00 pm
Registration/Help Desk
Atlantic Foyer
6:45 am - 8:00 am
Breakfast
Atlantic 1 & 2
6:45 am - 5:00 pm
Exhibit Hall
Atlantic 1 & 2
7:00 am - 6:00 pm
Hands-On Training with Support from Penumbra (Non-CME) Room 312 & 313

Experience the latest tools to achieve desired results: ACE Direct Aspiration Technology, POD for Confident Vessel Occlusion and PC400 for larger aneurysms and fistulas.

7:30 am – 5:36 pm
General Session
Atlantic 3
7:30 am - 7:40 am
Welcome
7:40 am - 9:05 am
DIDACTIC SESSION: Stroke Care in the Modern Age
Moderators: Jawad Kirmani, MD and Gabor Toth, MD
7:40 am - 8:00 am
Vascular Neurology and Neurointervention in Healthcare Reform: What Will We Face?, Thomas Devlin, MD, PhD
8:00 am - 8:20 am
Cost Considerations in Reperfusion Therapy in AIS: Lessons Learned from IMS III, Joseph Broderick, MD
8:20 am - 8:40 am
Building Clinical Trials That Will Positively Impact an Emerging Field, Jeffrey Saver, MD
8:40 am - 8:55 am
Door-to Puncture: Preliminary Results from the Rapid Reperfusion Registry, Rishi Gupta, MD
8:55 am - 9:05 am
Q & A
9:05 am - 9:30 am
KEYNOTE Presentation: Interventional Therapies for Cerebrovascular Disease--the Good, the Bad, the Needed, and the Few, Mark Alberts, MD
9:30 am - 9:45 am
Break with Exhibitors
Atlantic 1 & 2
9:45 am - 11:10 am
DIDACTIC SESSION: Patient Selection for ERT
Moderators: Italo Linfante, MD and Robin Novakovic, MD
9:45 am - 10:00 am
Stroke Survivor, Mr. Hank Klein
10:00 am - 10:15 am
Time to Angiographic Reperfusion: Lessons Learned from IMS III, Pooja Khatri, MD
10:15 am - 10:35 am
What Have We Learned? Patient Selection for ERT in AIS, Raul Nogueira, MD
10:35 am - 10:45 am
Influence of Age on Clinical Revascularization Outcomes: NASA Registry, Alicia Castonguay, PhD

10:45 am - 11:00 am **Making Sense of Clinical Scores to Predict Outcome, Srikant Rangaraju, MD**
 11:00 am - 11:10 am **Q & A**

11:10 am - 12:00 pm DIDACTIC SESSION: Imaging Now and in the Future

Moderators: Aniel Majjhoo, MD and Edgar Samaniego, MD, MS

11:10 am - 11:35 am **Perfusion Imaging: Is There a Role in Patient Selection?, Albert J. Yoo, MD**
 11:35 am - 11:50 am **Update on DAWN Trial, Raul Nogueira, MD**
 11:50 am - 11:56 am **THERAPY Trial Update, Pooja Khatri, MD**
 11:56 am - 12:00 pm **Q & A**

12:00 pm – 1:10 pm Lunch Buffet

Atlantic 1 & 2

12:10 pm - 1:10 pm Lunch Symposium: *Using Innovative Approaches to Achieve Desired Results and Cost Effectiveness* with support from Penumbra (Non-CME)

Atlantic 3

Speakers: Muhammad Taqi, MD and Gabriel Vidal, MD

Muhammad Taqi, MD, and Gabriel Vidal, MD, will share their experiences using innovative approaches to address common challenges in neurointervention and to treat acute ischemic stroke, respectively. The focus will include not only demonstrated efficacy and safety but also cost savings.

1:10 pm – 1:45 pm Stop by and visit the Exhibitors in Atlantic 1 & 2 and/or attend the Hands-On Training in Room 312 & 313

1:45 pm - 2:15 pm PLATFORM SESSION I

Atlantic 3

Moderators: Alicia Castonguay, PhD and Thanh Nguyen, MD

1:45 pm – 1:55 pm **Pendovascular Treatment of Intracranial Aneurysms Using the New Pipeline Flex Endovascular Device : A Prospective Multi-Center Study in 25 Patients, Mario Martinez-Galdamez, MD**
 1:55 pm - 2:05 pm **Clinical Presentations, Venous Drainage Patterns, and Treatment Outcomes in Carotid Cavernous Fistula, Yamin Shwe, MD**
 2:05 pm - 2:15 pm **Safety and Efficacy of Intravenous Eptifibatide as Standalone Therapy for select Acute Ischemic Stroke Patients (SIESTA-I trial), Siddhart Mehta, MD**

2:15 pm - 4:05 pm DIDACTIC SESSION: What Have We Learned About ERT for AIS?

Moderators: Jeffrey Saver, MD and Peter Adamczyk, MD

2:15 pm - 2:30 pm **Tailoring the Technique to Clot Characteristics, Marc Ribo, MD**
 2:30 pm - 2:45 pm **Dealing with Tandem Lesions, Italo Linfante, MD**
 2:45 pm - 3:00 pm **Aspiration Techniques for AIS, Ashutosh Jadhav, MD**
 3:00 pm - 3:15 pm **Overview of Stentriever and Recent Trials, Joseph English, MD, PhD**
 3:15 pm - 3:30 pm **Choice of Anesthesia and Outcomes, NASA Registry, Alex Abou-Chebl, MD**
 3:30 pm - 3:45 pm **Natural History of Acute Stroke from Large Vessel Occlusion: Results from the FIRST Trial, Vallabh Janardhan, MD**
 3:45 pm - 3:55 pm **Experience with ADAPT Technique, Gabriel Vidal, MD**
 3:55 pm - 4:05 pm **Q & A**

4:05 pm - 4:35 pm DEBATE: MR CLEAN Trial Results and Implications for Clinical Practice

MR CLEAN Trial Results, Robin Novakovic, MD

Panel: Tudor Jovin, MD, Rishi Gupta, MD, Italo Linfante, MD, Raul Nogueira, MD, Jeffrey Saver, MD, Dileep Yavagal, MD and Osama Zaidat, MD

Friday, November 7 (continued)

Annual Meeting

4:35 pm - 5:36 pm DIDACTIC SESSION: Atherosclerotic Related Stroke -ICAS

Moderator: Rishi Gupta, MD and Q. Tony Wang, MD, PhD

4:35 pm - 4:55 pm **Post SAMMPRIS Where Are We Now?**, Alex Abou-Chebl, MD

4:55 pm - 5:10 pm **Cilostazol in Symptomatic ICAS**, Ameer Hassan, DO

5:10 pm - 5:30 pm **Review of Newer Antiplatelets, Antithrombotics and Reversal**, Ravi Sarode, MD

5:30 pm - 5:36 pm **Update on WEAVE Trial**, Robert Taylor, MD

6:30 pm - 8:30 pm **SVIN Annual Banquet**

Crystal Room

Saturday, November 8

Annual Meeting

6:30 am - 6:00 pm	Registration/Help Desk	Atlantic Foyer
6:45 am - 8:00 am	Breakfast	Atlantic 1 & 2
6:45 am - 5:00 pm	Exhibit Hall	Atlantic 1 & 2
7:00 am - 6:00 pm	Stryker Neurovascular Technology Suite	Room 312 & 313

7:30 am - 5:30 pm	General Session	Atlantic 3
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7:00 am - 8:00 am	Breakfast Symposium: Manual Aspiration Thrombectomy vs. Solitaire Assisted MAT. Getting What You Pay For with support from Covidien (Non-CME) <i>Presenters: Tudor Jovin, MD and Nirav Vora, MD</i>	Atlantic 3
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Join us for a discussion of the clinical, financial and operational merits of a Solitaire™ device fist line approach to acute ischemic stroke intervention.

8:00 am - 8:30 am	DIDACTIC SESSION: Interesting Cases and Complications <i>Panel: Buddy Connors, MD, Randall Edgell, MD, Guillermo Linares, MD and Nils Mueller-Kronast, MD</i> Successful Endovascular Reconstruction of Tortuous Cervical Internal Carotid Artery Dissection with Pipeline Stent , Ahsan Sattar, MD	Atlantic 3
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8:30 am - 9:45 am	DIDACTIC SESSION: Stroke Related to Cervical Disease <i>Moderators: Ashish Nanda, MD and Edgard Pereira, MD, MS</i>
8:30 am - 8:50 am	Plaque Imaging and What it Can Tell Us , Kenneth Snyder, MD, PhD
8:50 am - 9:05 am	Indications and Controversies for CAS , Nirav Vora, MD
9:05 am - 9:20 am	Acute versus Subacute Intervention , Jawad Kirmani, MD
9:20 am - 9:35 am	Cervical Dissections: Medical Management, Pseudoaneurysms and Indications for Treatment , Mouhammad Jumaa, MD
9:35 am - 9:45 am	Q & A

9:45 am - 11:10 am	DIDACTIC SESSION: Career Building and Training <i>Moderators: Jacqueline Kraus, MD, PhD and Osama Zaidat, MD</i>
9:45 am - 10:00 am	Building an Interventional Neurology Practice , Tudor Jovin, MD
10:00 am - 10:15 am	The Physician Witness In Medical-Legal Cases , Erin Gaskin, MPH, JD
10:15 am - 10:30 am	Reimbursement and Billing 101 , Thomas Devlin, MD, PhD
10:30 am - 10:45 am	Building an Endovascular Training Program: What Should We Require? <i>M. Shazam Hussain, MD, FRCP</i>
10:45 am - 11:00 am	Translational Research for the Academic Interventional Neurologist , <i>Dileep Yavagal, MD</i>
11:00 am - 11:10 am	Q & A

11:10 am - 11:25 am	Break with Exhibitors	Atlantic 1 & 2
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11:25 am - 11:45 am	Presidential Address and SVIN Business Meeting	Atlantic 3
11:45 am - 12:30 pm	DIDACTIC SESSION: Dural and Spinal Fistulas Current Thinking and Treatment <i>Moderators: Randall Edgell, MD and Ridwan Lin, MD, PhD</i>	
11:45 am - 12:05 pm	Dural AV Fistulas, <i>Guilherme Dabus, MD</i>	
12:05 pm - 12:25 pm	Spinal Vascular Lesions, Imaging and Embolization, <i>Italo Linfante, MD</i>	
12:25 pm - 12:30 pm	Q & A	
12:30 pm – 1:40 pm	Lunch Buffet	Atlantic 1 & 2
12:40 pm - 1:40 pm	Lunch Symposium With Support From Stryker On TRACK: A Multi-Center Perspective on the Trevo® Stentriever® , <i>Osama Zaidat, MD</i> A Vision for Advancing Stroke Treatment with Stent Retrievers and Flow Arrest , <i>Raul Noguiera, MD</i>	Atlantic 3
1:40 pm – 2:05 pm	Stop by and visit the Exhibitors in Atlantic 1 & 2 and/or attend the Hands-On Training in Room 312 & 313	
2:05 pm - 3:45 pm	DIDACTIC SESSION: AVMs Current Thinking and Treatment <i>Moderators: Michael Abraham, BA, MD and Dileep Yavagal, MD</i>	
2:05 pm - 2:20 pm	Advances in Endovascular Treatments for AVMs, <i>Edgar Samaniego, MD, MS</i>	
2:20 pm - 2:35 pm	Experience with Detachable Catheters for Embolization, <i>Johanna Fifi, MD</i>	
2:35 pm - 2:55 pm	Pathophysiology of AVMs, Risk of Rupture and Indications for Treatment, <i>Babu Welch, MD</i>	
2:55 pm - 3:20 pm	Lessons Learned from ARUBA, <i>Italo Linfante, MD</i>	
3:20 pm - 3:45 pm	Debate Pros and Cons of Aruba Expert Panel: <i>Johanna Fifi, MD, Italo Linfante, MD, Edgar Samaniego, MD, MS and Babu Welch, MD</i>	
3:45 pm - 5:00 pm	DIDACTIC SESSION: Current Thinking on Aneurysms <i>Moderators: Michel Piotin, MD and Q. Tony Wang, MD, PhD</i>	
3:45 pm - 4:05 pm	Flow Dynamics-Using Patient Data to Guide Treatment, <i>Matthew Gounis, PhD</i>	
4:05 pm - 4:20 pm	Small Aneurysms Determining When to Treat, <i>Marc Lazzaro, MD, MS</i>	
4:20 pm - 4:40 pm	Overview of Available Flow Diverters, <i>Gabor Toth, MD</i>	
4:40 pm - 4:55 pm	Overview of Newer Stent Devices for Aneurysm Treatment, <i>Randall Edgell, MD</i>	
4:55 pm - 5:00 pm	Q & A	
5:00 pm - 5:30 pm	PLATFORM SESSION II <i>Moderators: Vladimir Cortez, DO and Robin Novakovic, MD</i>	Atlantic 3
5:00 pm - 5:10 pm	Feasibility of Intravenous Thrombolytic Therapy for Suspected Acute Ischemic Stroke on the Mobile Stroke Treatment Unit, <i>Seby John, MD</i>	
5:10 pm – 5:20 pm	Primary Thrombectomy within 3 hours of Onset in Acute Ischemic Stroke from Occlusion of Middle Cerebral Artery- A Pilot Study, <i>Yahia Lodi, MD</i>	
5:20 pm – 5:30 pm	Redefining the Gold Standard: Transcranial Doppler Detects More Intra and Extra-Cardiac Right-to-Left Shunts than Trans-Esophageal Echocardiogram, <i>Daniel Korya, MD</i>	
5:30 pm - 7:00 pm	Poster Session and Walk Around With the Professors Authors will be standing by their posters during the following hours: 5:30 pm - 6:15 pm Odd-Numbered Posters 6:15 pm - 7:00 pm Even-Numbered Posters	Regency 1

New this Year! There will be a “Walk Around with the Professor” during the poster session and attendees will have the opportunity to join in with the experts and learn more about the posters.

6:30 am - 12:00 pm	Registration/Help Desk	Atlantic Foyer
6:45 am - 8:00 am	Breakfast	Atlantic 1 & 2
6:45 am - 10:30 am	Exhibit Hall	Atlantic 1 & 2

7:30 am – 12:35 pm	General Session	Atlantic 3
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7:30 am - 9:05 am DIDACTIC SESSION: Potpourri of NeuroIntervention

Moderator: Martin Coleman, MD and Raul Nogueira, MD

7:30 am - 7:50 am	Advances in Treatment of Venolymphatic Malformations, <i>Santiago Ortega-Gutierrez, MD, MSc</i>
7:50 am - 8:10 am	Current Thinking on Tumor Embolization, <i>Edgard Pereira, MD</i>
8:10 am - 8:30 am	Intra-Arterial Drug Delivery of Chemotherapy, <i>Herbert Newton, MD</i>
8:30 am - 8:45 am	Vein of Galen Malformations, <i>Johanna Fifi, MD</i>
8:45 am - 9:00 am	Advances in Treatment for Vasospasm, <i>Robert Taylor, MD</i>
9:00 am - 9:05 am	Q & A

9:05 am - 9:55 am DIDACTIC SESSION: Nonatherosclerotic Vasculopathies

Moderator: Andrei Alexandrov, MD and Robert Taylor, MD

9:05 am - 9:25 am	Current Thinking on Moya Moya Disease, <i>Ty Shang, MD, PhD</i>
9:25 am - 9:45 am	Review of Reversible Cerebral Vasoconstriction Syndrome, <i>Guillermo Linares, MD</i>
9:45 am - 9:55 am	Q & A

9:55 am - 10:10 am	Break with Exhibitors	Atlantic 1 & 2
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10:10 am - 11:20 am DIDACTIC SESSION: Advances in the Field/Emerging Technologies

Moderators: Eugene Lin, MD and Dorothea Altschul, MD

10:10 am - 10:30 am	Bringing Products to Market, Lessons I Have Learned, <i>Phillip Purdy, MD</i>
10:30 am - 10:45 am	Transcervical Approach in Endovascular Treatment, <i>Marc Ribo, MD</i>
10:45 am - 11:00 am	Why Stroke Patients Need to Come to Comprehensive Stroke Centers in the First Place, <i>Andrei Alexandrov, MD</i>
11:00 am - 11:15 am	IA Versus IV Stem Cell Treatment to Aid Stroke Recovery, <i>Dileep Yavagal, MD</i>
11:15 am - 11:20 am	Q & A

11:20 am - 12:35 pm DIDACTIC SESSION: Trial Updates

Moderators: Alex Abou-Chebl, MD and Alicia Castonguay, PhD

11:20 am - 11:35 am	NINDS Stroke Trials Networks, <i>Jose Romano, MD</i>
11:35 am - 11:50 am	Overview of Coil Trials, <i>Marc Lazzaro, MD, MS</i>
11:50 am - 11:56 am	Update on SCENT Trial, <i>Guilherme Dabus, MD</i>
11:56 am - 12:01 pm	CREST-2 Trial, <i>Seemant Chaturvedi, MD</i>
12:01 pm - 12:11 pm	TRACK Post-Marketing Registry, <i>Osama Zaidat, MD</i>
12:11 pm - 12:17 pm	ESCAPE, <i>Michael Hill, MD</i>
12:17 pm – 12:23 pm	CREST-2 Companion Registry, <i>Tudor Jovin, MD</i>
12:23 pm - 12:29 pm	CLOTBUST-ER Trial, <i>Andrei Alexandrov, MD</i>
12:29 pm - 12:35 pm	REVASCAT, <i>Tudor Jovin, MD</i>
12:35 pm	Meeting Adjourns

FACULTY LIST

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Froedtert Hospital/Medical College of Wisconsin
Milwaukee, WI

General Information

MEETING LOCATION

Westin Diplomat Resort and Spa

3555 South Ocean Drive

Hollywood, Florida 33019

Hotel Direct Line: (954) 602-6000

Hotel Reservations: (952) 602-8700

Website: www.diplomatresort.com

SVIN REGISTRATION/HELP DESK HOURS AND LOCATION

Wednesday, November 5	4:00 pm – 8:00 pm	Westin Lobby
Thursday, November 6	6:30 am – 6:00 pm	Atlantic Foyer
Friday, November 7	6:30 am – 6:00 pm	Atlantic Foyer
Saturday, November 8	6:30 am – 6:00 pm	Atlantic Foyer
Sunday, November 9	6:30 am – 12:00 pm	Atlantic Foyer

CLIMATE

The average high in Hollywood, Florida in November is 80° F and the average low is 65° F.

ATTIRE

The attire for the Annual Meeting is business casual. Attire for the banquet is casual.

TRANSPORTATION

Air: The Westin Diplomat is located just off of Interstate 95. The resort is easily reached by flying into one of the two major international airports nearby. We are just 30 minutes by car north of Miami International (MIA) and a short 15-minute drive south from Fort Lauderdale/Hollywood International Airport (FLL). All major domestic and international airlines serve Miami International, whereas most domestic and a few select international carriers fly into Fort Lauderdale.

Ground: Fares range from \$60 to \$80 one way to/from Miami International and from \$25 to \$35 one way to/from the Fort Lauderdale and Hollywood International Airport. Self-parking is available for a rate of \$20 per day. Below is a list of transportation options from both airports.

Lauderdale International Airport to Hollywood:

Tri County Transportation / Airport Express: (800) 244-8252 or (954) 561-8888

USA Transportation: (954) 457-4141

Miami International Airport to Hollywood:

Super Shuttle: (800) 258-3826 or (305) 871-2000



EXHIBITORS

EXHIBIT HALL HOURS

This year's Exhibit Hall is located in **Atlantic 1 & 2** directly adjacent to the General Session in Atlantic 3. 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.

Friday, November 7	6:45 am – 5:00 pm
Saturday, November 8	6:45 am – 5:00 pm
Sunday, November 9	6:45 am – 10:30 am

ASAHI INTECC USA, Inc.—Booth 9

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 develops and supplies wire materials and products to the medical device industry and is considered a worldwide leader in wire technologies. Asahi currently provides the Chikai .010 and Chikai .014 for usage in neurovascular procedures. We are Pending FDA 510K approval on some additional innovative neurovascular wires utilizing ACTONE™ technology.

Blockade Medical—Booth 4

18 Technology, Suite 169
Irvine, CA 92618
Tel: (949) 788-1443
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Email: customerservice@blockademedical.com
www.blockademedical.com

Blockade Medical is a privately held company founded in 2011 and dedicated to the development of catheter based therapeutic devices for the treatment of cerebral aneurysms. The Company is committed to commercialize products that are not only current standards of care but also innovative next generation solutions.

Codman Neuro—Booth 13

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.

Covidien—Booth 7

9775 Toledo Way
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www.covidien.com

Covidien is a leading global healthcare products company, creating innovative medical solutions for better patient outcomes. With unmatched collaboration across arterial and venous to neurovascular, Covidien Vascular Therapies offers comprehensive solutions to help more physicians deliver optimal patient care, worldwide.

Endophys Holding LLC.—Booth 11

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

Endophys™ develops pressure sensing systems which improve safety by providing immediate and accurate, high frequency digital endovascular physiology. Endophys has 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.

Hospital Corporation of America (HCA) - Booth 10

3 Maryland Farms, Suite 250
Brentwood, TN 37027
Tel: (866) 889-0203
Email: physician.recruitment@hcahealthcare.com
www.practicewithus.com

HCA owns and operates 165 healthcare facilities in 20 states with opportunities coast to coast. HCA was one of the nation's first hospital companies. We are committed to the care and improvement of human life. We strive to deliver quality healthcare that meets the needs of the communities we serve.

INSTOR—Booth 8

PO Box 531958
New Orleans, LA 70153
Tel: (877) 446-7867
Email: info@strokeregistry.org
www.strokeregistry.org

The **IN**terventional **St**roke **T**herapy **O**utcomes **R**egistry (**INSTOR**) is a complete solution for data tracking, complex process analysis, analyzing clinical outcomes, and helping assure quality improvement in your stroke program. Extremely user-friendly, **INSTOR** tracks and graphs all required data points in the first 24 hours for all emergency stroke treatments.

EXHIBITORS

MicroVention—Booth 3

1311 Valencia Avenue
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www.microvention.com

MicroVention is focused on proprietary technologies that provide therapeutic advantages for cerebral aneurysm treatment in a minimally invasive platform. The company currently markets and 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.

Neuro News—Booth 2

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NeuroNews is a specialised, quarterly, newspaper dedicated to neurointerventionists. It contains the latest news, opinion from thought leaders, summaries of cutting-edge research, expert analysis, conference coverage and updates on the latest products in the neurointerventional world.

Penumbra, Inc.—Booth 1

1351 Harbor Bay Parkway
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Penumbra, Inc. is a privately held medical device company that strives to deliver clinically beneficial devices to patients suffering from stroke and vascular disease. We are committed to the design, development and clinical application of innovative therapies in the neurovascular vascular space.

Pulsara—Booth 6

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.

Stryker Neurovascular—Booth 14

47900 Bayside Parkway
Fremont, CA 94538
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Stryker Neurovascular is committed to Complete Stroke Care™ through innovative products, technologies and services for ischemic and hemorrhagic stroke. By advancing the practice of less-invasive medicine, providing healthcare professionals more endovascular solutions and promoting clinical education and support, Stryker Neurovascular is dedicated to helping deliver better patient outcomes.

Toshiba—Booth 12

2441 Michelle Drive
Tustin, CA 92780
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Email: aybarra@tams.com
www.medical.toshiba.com

For over 130 years, Toshiba has been a world leader in developing technology to improve the quality of Life for all people. Our family of leading-edge imaging systems have evolved by listening to our customers and gaining a deep understanding of their needs, to improve patient care following our Made for Life philosophy.

Zoll Medical—Booth 5

269 Mill Road
Chelmsford, Massachusetts 01824-4105
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ZOLL'S NeuroFlo and FloControl catheter technology involves the redistribution of blood flow from the lower extremities to the core organs and cerebral vasculature during ischemia without significantly increasing arterial pressure. NeuroFlo is FDA approved in the United States via Humanitarian Device Exemption to treat cerebral vasospasm.

EXHIBITION RAFFLE

New this year! SVIN is having an exhibitor raffle. As you spend time with the exhibitors, please be sure to mention that you would like them to stamp your card. Once your card is complete, please drop it off at the SVIN Registration desk by **5:00 pm on Saturday, November 8th.**

Winners will be announced prior to the start of Sunday's session. Winners **do not** need to be present to win.

SVIN 2014 ATTENDEE LIST

Attendee Name	Organization	City/State/Country
Alex Abou-Chebl, MD	Baptist Health Louisville	Louisville, KY
Michael Abraham, BA, MD	University of Kansas	Kansas City, MO
Cathie Abrahamsen, RN MSN	DNVGL	Milford, OH
Peter Adamczyk, MD	Sutter East Bay Neurosciences	Castro Valley, CA
Celso Agner, MD	Broward Health	Fort Lauderdale, FL
Norman Ajiboye, MD	Thomas Jefferson University Hospital,	Philadelphia, PA
Mark J. Alberts, MD	UT Southwestern Medical Center	Dallas, TX
Yazan J. Alderazi, MBBCh	Rutgers University- NJMS	Belleville, NJ
Andrei V. Alexandrov, MD	University of Tennessee	Memphis, TN
Dorothea Altschul, MD	Columbia Neurosurgery Network	New York, NY
Jill Amstutz, MS	Neuravi Ltd	Menlo Park, CA
Kaiz Asif, MD	MCW, Froedtert Hospital	Milwaukee, WI
Kunakorn Atchaneeyasakul, MD	University of Miami Miller School of Medicine	Miami, FL
Aamir Badruddin, MD	Presence Health / UIC	Joliet, IL
Mersedeh Bahr-Hosseini, MD	University of Illinois at Chicago	Chicago, IL
Rohini Bhole, MD	The University of Tennessee Health Science Center	Memphis, TN
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Eamon Brady	Neuravi Ltd	Galway, Ireland
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Celeste Buchaklian, APNP	Aurora Neurosciences	Waterford, WI
Daniel Castillo, MD, MBA	The Joint Commission	Oakbrook Terrace, IL
Alicia Castonguay, PhD	Medical College of Wisconsin	Milwaukee, WI
Russell Cerejo, MD	Cleveland Clinic	Cleveland, OH
Seemant Chaturvedi, MD	University of Miami Miller School of Medicine	Miami, FL
Karen Chen, MD	Mt. Sinai St. Lukes Roosevelt Health System	New York, NY
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Buddy Connors, MD	Vanderbilt University	Nashville, TN
Stephanie Corder, RN	Semmes-Murphey Clinic	Memphis, TN
Steve M. Cordina, MD	University of South Alabama	Mobile, AL
Guilherme Dabus, MD	Miami Cardiac & Vascular Institute	Miami, FL
Keith DeSousa, MD	NYU Langone Medical Center	New York, NY
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Matthew Gounis, PhD	UMASS	Worcester, MA

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Vallabh Janardhan, MD	Texas Stroke Institute	Plano, TX
Vishal Jani	Michigan State University	East Lansing, MI
Seby John, MD	Cleveland Clinic	Beachwood, OH
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Thanh Nguyen, MD	Boston University School of Medicine	Boston, MA
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Kevin N. Ramdas, MD	University of Miami	Miami, FL
Srikant Rangaraju, MD	Emory University	Atlanta, GA
Mahmoud Rayes, MD	Wayne State University School of Medicine	Troy, MI
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Jose G. Romano, MD	University of Miami	Miami, FL
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Kenneth Snyder, MD	University of Buffalo	Buffalo, NY
Viktor Szeder, MD, PhD, MSc	UCLA	Los Angeles, CA
Robert Taylor, MD	Stroke and Neurovascular Center of Central California	Santa Barbara, CA
Gabor Toth, MD	Cleveland Clinic	Cleveland, OH
Alexander Venizelos, MD	Texas Stroke Institute	Dallas, TX
Gabriel A. Vidal, MD	Ochsner Medical Center	New Orleans, LA
Nirav Vora, MD	Riverside Methodist Hospital	Dublin, OH
Q. Tony Wang, MD, PhD	Reading Health System/Reading Hospital	West Reading, PA
Babu G. Welch, MD	UT Southwestern Medical Center	Dallas, TX
Michelle Whaley, MSN, CNS	Clinical Data Management	Castle Rock, CO
Matt Whalin, MD	Emory University Dept. of Anesthesiology	Decatur, GA
Scott Wilson, MD	Silk Road Medical	Sunnyvale, CA
Dileep R. Yavagal, MD	University of Miami Miller School of Medicine	Miami, FL
Albert J. Yoo, MD	Massachusetts General Hospital	Boston, MA
Kelli Young, RN	Semmes-Murphey	Memphis, TN
Molly Zahour, APNP	Aurora Health Care	Milwaukee, WI
Osama Zaidat, MD	Froedtert Hospital/Medical College of Wisconsin	Milwaukee, WI

Congratulations to the SVIN 2014 Travel Grant Awardees!

Yazan Jaafar Alderazi, MD

Kaiz Shabbar Asif, MD

Rohini Bhole, MD

Russell Mitesh Cerejo, MD

Keith DeSousa, MD

Dan-Victor Giurgiutiu, MD

Deepak Gulati, MD

Vishal Jani, MD

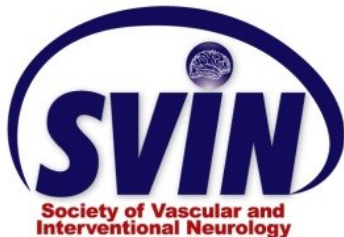
Tareq Kass-Hout, MD

Cynthia Kenmuir, MD, PhD

Daniel Korya, MD

John Seby, MD

Tanzila Shams, MD



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QUESTIONS?

Contact the Executive Office at
info@svin.org.

Our Mission:

To operate and represent a society of persons interested in the innovative treatment of cerebrovascular and other neurological disease.

To foster cooperation among specialists and sub-specialists who are involved in the interventional treatment of neurological disorders.

To foster scientific research in the field of cerebrovascular diseases and neurointerventional procedures through internal and external collaboration with other groups.

To raise awareness and disseminate knowledge concerning developments in cerebrovascular diseases and neurointerventional procedures by promoting, conducting, and supporting teaching activities for the public, physicians, and scientists interested in this field. Such activities include but are not restricted to developing public educational resources, arranging professional meetings for the presentation and discussion of papers and practical workshops dealing with such developments.

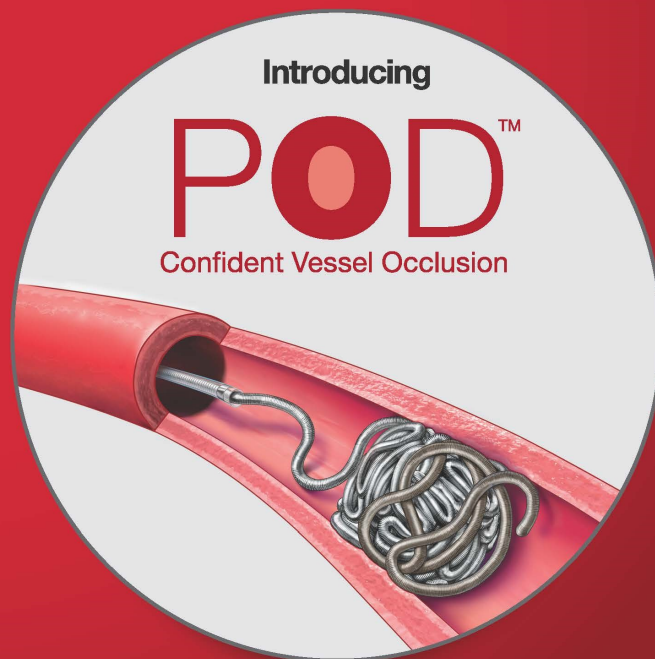
To promote and improve the training of vascular and interventional neurology in teaching programs in collaboration with other organizations.

To address practical issues faced by specialists and sub-specialists who are involved in the interventional treatment of neurological disorders.

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- o A personal statement outlining the applicant’s reasons for applying
- o A copy of the applicant’s primary certification which must be completed and up to date.
- o 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.

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Covidien will be presenting a new simulation-based training program at SVIN 2014. These code stroke vignettes create an experience for physicians and their stroke teams to accelerate the learning curve for the diagnosis and treatment of large vessel occlusion ischemic stroke. In addition, Covidien Neurovascular's Solitaire 2 revascularization device and access catheters will be demonstrated throughout the conference.

Location:

Exhibit Hall, Covidien Booth #7

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¹ Solitaire™ 2 IFU, Trevo™ Device IFU. Pai S.B., et al. Microsurgical Anatomy of the Middle Cerebral Artery. Neurology India. June 2005. Vol 53. Issue 2. Keshelava G. et al. Surgical anatomy of petrous part of the internal carotid artery. Neuroanatomy (2009) 8: 46-48



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