AIM Symposium®

ADVANCED
INTERVENTIONAL
MANAGEMENT

SIR ENDORSED

Monday - Thursday, November 12 - 15, 2018

26th Symposium on Current Issues and New Techniques in Interventional Radiology and Endovascular Therapy

Multidisciplinary Acute Stroke Management Sessions Included

Symposium Chairman
Jacob Cynamon, MD

Symposium Co-Chairmen
Allan L. Brook, MD
Frank J. Veith, MD

Executive Committee
Curtis W. Bakal, MD, MPH
Michael D. Dake, MD
Ziv J. Haskal, MD
Barry T. Katzen, MD

Scientific Committee
Ripal T. Gandhi, MD
Amy R. Deipolyi, MD, PhD
Yosef Golowa, MD
David J. Altschul, MD

Sponsored by

Cleveland Clinic

Hilton

www.AIMsymposium.org

Innovative thinking, determination, and dedication to **excellence** are hallmarks of our great field, and we recognize that clinician education must continually change as the needs of patients and the healthcare landscape change. Together with my fellow Course Directors, we've enhanced ISET in response to the needs of our participants, and we believe the new investments we've made and the new approaches we're taking will yield the strongest ISET program yet."

BARRY KATZEN, MD, FACC, FACR, FSIR
ISET Course Director

REGISTER
with Discount Code
ISETAIM
& Save **$100**

SEE WHAT'S NEW FOR YOU AT ISET.ORG

- **Legendary Live Cases Expanded**
- **New Course Directors Added**
- **Dedicated Tracks for Customized Learning**
- **More Hot Topic Sessions**

ISET

NEW Sunday–Wednesday Format

JANUARY 27–30, 2019

The Diplomat | Hollywood, Florida USA

INTERNATIONAL SYMPOSIUM ON ENDOVASCULAR THERAPY

Welcome to the

Advanced Interventional Management

26th Symposium on Current Issues and New Techniques in Interventional Radiology and Endovascular Therapy

AIM Symposium®
ADVANCED
INTERVENTIONAL
MANAGEMENT

CONTENTS

Educational Grant Acknowledgment 5

General Information 7

Accreditation Statement 8

Faculty Disclosure 8

CME Certificates . . . . . .8 & 63

Non-CME Activities 11–14

Floor Plans 15–20

Exhibits & Pavilions 21–28

Program/Agenda 29–47

Associate Faculty Agenda. 48–50

Faculty and Associate Faculty Listing & Disclosure Statement 51–62

Save the Date . . . . . .Back Cover

SYMPOSIUM CHAIRMAN

Jacob Cynamon, MD

SYMPOSIUM CO-CHAIRMEN

Allan L. Brook, MD

Frank J. Veith, MD

EXECUTIVE COMMITTEE

Curtis W. Bakal, MD, MPH

Michael D. Dake, MD

Ziv J. Haskal, MD

Barry T. Katzen, MD

SCIENTIFIC COMMITTEE

Ripal T. Gandhi, MD

Amy R. Deipolyi, MD, PhD

Yosef Golowa, MD

David J. Altschul, MD

Todd S. Miller, MD

Richard L. Zampolin, MD

WORKSHOP COORDINATOR

Yosef Golowa, MD

SYMPOSIUM MANAGING DIRECTOR

Jacqueline M. Simpson, BBA

SYMPOSIUM ASSOCIATE DIRECTOR

Steven J. Feld, MSW

CENTER FOR CONTINUING EDUCATION

Steven M. Kawczak, PhD

DISCLAIMER

AIMsymposium is owned and operated by VEITHsymposium LLC, and sponsored and accredited by The Cleveland Clinic Foundation.

The information in this educational activity is provided for general medical education purposes only and not meant to substitute for the independent medical judgment of a physician relative to diagnostic and treatment options of a specific patient's medical condition. The viewpoints expressed in this CME activity are those of the authors/faculty. They do not represent an endorsement by The Cleveland Clinic Foundation or VEITHsymposium LLC. In no event will The Cleveland Clinic Foundation or VEITHsymposium LLC be liable for any decision made or action taken in reliance upon the information provided through this CME activity.

We have made every effort to ensure that the syllabus is accurate. We cannot take responsibility for errors, deletions or omissions.

EDUCATIONAL GRANT ACKNOWLEDGMENT

The Cleveland Clinic Foundation Center for Continuing Education and AIMsymposium acknowledge educational and in-kind* grants in support of this activity from:

*AngioAdvancements**
Argon Medical Devices
*Argon Medical Devices**
*B. Braun Interventional Systems Inc.**
Bard Peripheral Vascular, Inc.
*Boston Scientific**
BTG
*BTG**
*CoapTech LLC**
*Embolx, Inc.**
Gore & Associates, Inc.
*Gore & Associates, Inc.**
*Guerbet LLC**
*Inari Medical**
Medtronic
*Medtronic**
Penumbra, Inc.
*Penumbra, Inc.**
*Shockwave Medical**
*Sirtex Medical Inc.**
Stryker Corporation
*Terumo Medical Corporation**
*Walk Vascular**

NEEDS ASSESSMENT

Vascular disease is a leading cause of disability and death in patients over age 50. Nonvascular intervention, especially in oncology patients, continues to increase in most busy practices. As such, there is a critical need for physicians who manage these patients to receive CME in this area. To address this need, the AIMsymposium will review the latest pharmacologic, radiologic, surgical and endovascular techniques and technologies as well as discuss when these treatments are needed to improve the competence and performance of participants. Updates on clinical trials and opportunities for dialogue with experts in the field will provide insight, along with the latest data on the results of the various treatment modalities.

SYMPOSIUM FORMAT / GOAL

The Advanced Interventional Management Symposium (AIMsymposium) will be held Monday - Thursday, November 12 - 15, 2018. The scientific sessions, panel discussions and case presentations, presented by a nationally renowned faculty, will provide a concise overview of the most current issues and hands-on experience in new techniques in percutaneous, endovascular and surgical treatment methods. Highlights of the meeting will include hands-on workshops, didactic workshops and case presentations that optimize learning and are applicable to your practice. There will be special emphasis on radial access, prostate intervention, interventional oncology, PVD, aneurysms, embolization devices, TIPS, fibroid management, hemodialysis access, venous disease and venous interventions. Additionally, there will be a full-day program devoted to important topics related to acute stroke management.

SYMPOSIUM OBJECTIVES

At the conclusion of this meeting, participants will be able to:

- Acquire new knowledge in the diagnosis and treatment of peripheral vascular disease
- Diagnose and treat abdominal aortic aneurysms in a minimally invasive manner
- Diagnose and treat various types of tumors with embolic agents and ablation devices using imaging
- Review the normal anatomy and the pathology of veins in the lower extremities
- Describe the various methods of maintaining vascular access in the dialysis patient
- Summarize recent data on the treatment advances for venous disease and explain their clinical implications
- Assess best practices in acute stroke management

TARGET AUDIENCE

Interventional Radiologists, Vascular Surgeons, Interventional Cardiologists, Interventional Nephrologists, Neurosurgeons, Neuroradiologists, Interventional Neurologists, Oncologists and all Health Care Practitioners involved in image guided procedures.

GENERAL INFORMATION

ACCREDITATION STATEMENT

The Cleveland Clinic Foundation Center for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center for Continuing Education designates this live activity for a maximum of 35.75 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Participants claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association for Category 2 credit.

ASSOCIATE FACULTY PODIUM PRESENTATIONS PROGRAM

In order to provide interventional radiology and neurointerventional radiology fellows, residents and aspiring IR/INR medical students with podium experience, the AIMsymposium will hold its second Associate Faculty Podium Presentations Program. Interventional Radiology and Neuroradiology Fellows, Residents and Medical Students have submitted abstracts to the Associate Faculty Program for presentation at the podium. Accepted abstracts will be posted on the AIMsymposium website for up to one full year and can be used for reference. The best three presentations will receive cash prizes. The program is also open to interventional radiologists and neurointerventionalists in their first 2 years of practice.

CME CERTIFICATES AND COURSE EVALUATION FORM

CME certificates will be available online at www.aimsymposium.org. An e-mail with a unique password and instructions on how to obtain the certificate and complete a brief, optional course evaluation will be sent to all registered attendees after the meeting. The e-mail will be sent to the e-mail address that was used to register the attendee. Please note that CME Certificates must be claimed by **February 28, 2019**.

FACULTY DISCLOSURE

The Cleveland Clinic Foundation Center for Continuing Education has implemented a policy to comply with the current Accreditation Council for Continuing Medical Education Standards for Commercial Support requiring resolution of all faculty conflicts of interest. Faculty declaring a relevant commercial interest will be identified in this activity syllabus.

ADA STATEMENT

The Cleveland Clinic Foundation Center for Continuing Education complies with the legal requirements of the Americans with Disability Act. If any participant of the AIMsymposium requires special assistance, please advise a staff member in the registration area in the Rhinelander Gallery on the 2nd floor.

ONLINE ACCESS TO ABSTRACTS

Presentation slides will be used as abstracts and will be available on the program page of the AIMsymposium website at www.aimsymposium.org after the meeting. Abstracts will be available on the website for one full year.

GENERAL SESSIONS

General Sessions will be held in the Murray Hill Suites, 2nd Floor.

CONCURRENT THURSDAY PROGRAMS

MULTIDISCIPLINARY ACUTE STROKE MANAGEMENT
8:00 A.M. – 5:30 P.M.
Location: Murray Hill Suites, 2nd Floor

HANDS-ON WORKSHOPS
8:00 A.M. - 10:00 A.M.
Location: Concourse A, Concourse Level

ASSOCIATE FACULTY PODIUM PRESENTATIONS PROGRAM
11:00 A.M. - 3:00 P.M.
Location: Concourse A, Concourse Level

FOOD SERVICE

Coffee, lunch and refreshment breaks will be served in the South Corridor on the 2nd Floor on Monday - Thursday.

EXHIBITS/PAVILIONS

Exhibitors will display their products in the South Corridor on the 2nd floor, on the 2nd floor Promenade, in the 3rd floor Foyer and Promenade, and in other designated areas.

NAME BADGES

For the convenience of our exhibitors and attendees, the magnetic stripe on your name badge includes your name, address, telephone and fax numbers, and e-mail address. Exhibitors can scan your name badge for this information. Please wear your name badge at all times.

GENERAL INFORMATION

FLOOR PLAN

A Floor Plan of the New York Hilton-Midtown is included in this syllabus to help you find your way more easily.

HOSPITALITY DESK

The staff will be happy to answer any questions you have, or to make any arrangements that you may require. Staff members are located in the Rhinelander Gallery on the 2nd floor.

CELL PHONES

As a courtesy to other attendees, please turn off your cell phones, or set to vibrate.

COAT CHECK

Coat Check is located on the 2nd floor.

NON-CME ACTIVITIES

AIM Symposium®
ADVANCED
INTERVENTIONAL
MANAGEMENT

Gore Main Pavilion, Mercury Ballroom

Non-CME activities

Tuesday, November 13

9:00 am	Pavilion opens
Lunch Symposium	**Treatment approaches for aortoiliac occlusive disease and Type B dissection: What is the best option? Experts share their cases and treatment decisions. Then, you decide** ■ **Aortoiliac occlusive disease** *Jean Bismuth, MD, Houston, Texas* *Frank Arko, MD, Charlotte, North Carolina* ■ **Type B dissection** *Alan Lumsden, MD, Houston, Texas* *Himanshu Patel, MD, Ann Arbor, Michigan*
Evening event 6:00 pm	**Joined in service: An interactive showcase of the latest innovations designed to improve lives** ■ **Experience the spirit of innovation first hand. Explore the material that launched a 60-year history of advancements, and delve deeper into the technology of our most advanced solutions.**

Wednesday, November 14

6:00 am	Pavilion opens
Lunch Symposium	**Approaching challenging peripheral arterial disease (PAD): Experts weigh in on endovascular and surgical treatment options using cases and new data** ■ **The covered case for treating iliac occlusive disease** *Benjamin Pearce, MD, Birmingham, Alabama* ■ **Beyond the autogenous vein: Why the heparin-bonded vascular graft is ideal for above the knee bypass** *Russell Samson, MD, Sarasota, Florida*
Evening event 6:00 pm	Pavilion is in-use for invitation only event

Thursday, November 15

6:00 am	Pavilion opens
Lunch Symposium	■ **Early clinical trial experience: GORE® EXCLUDER® Conformable AAA Device* with ACTIVE CONTROL in challenging aortic anatomy** *Robert Rhee, MD, Brooklyn, New York* ■ **Advanced thoracic innovations for improved physician experience and clinical outcomes** *Professor Dittmar Böckler, Heidelberg, Germany*
Evening event 6:00 pm	Pavilion is in-use for invitation only event

Gore Main Pavilion, Mercury Ballroom

Non-CME activities

Friday, November 16

6:00 am	Pavilion opens
Lunch Symposium	**GREAT aortic endografting questions: What does the data reveal**** *Panel:* *Pierre Galvagni Silveira, MD, Florianopolis, Brazil* *Andrew Holden, MD, Auckland, New Zealand* *Santi Trimarchi, MD, Milan, Italy* ■ **The GREAT update: A review of one of the largest clinical registries for abdominal and thoracic aortic devices**** *Beth Tohill, PhD, Flagstaff, Arizona* ■ **Acute and chronic Type B aortic dissections: Exploring the nuances behind the data** *Dennis Gable, MD, Dallas, Texas* ■ **Noncylindrical neck morphology: Incidence, effects, and risk of reintervention** *William Shutze, MD, Dallas, Texas* ■ **Performance in the narrow distal aorta: Findings and implications** *Ross Milner, MD, Chicago, Illinois*

Saturday, November 17

6:00 am	Pavilion opens
Lunch Symposium	■ **Avoiding thrombotic failure: How stent grafts improve outcomes for dialysis access patients** *John Aruny, MD, Orangeburg, South Carolina* ■ **Early cannulation grafts: A solution to decrease complications and lower the cost of care** *Sapan Desai, MD, Arlington Heights, Illinois*

Gore MEDICAL MASTERY series

Hands-on simulators for virtual training

Simulator Pavilion hours • 9 am–5 pm • Tuesday–Friday

Join us in the Sutton Complex South to experience our lifelike virtual environment simulators for the GORE® EXCLUDER® Iliac Branch Endoprosthesis, the GORE® EXCLUDER® Device, and the Conformable GORE® TAG® Device.

* Caution: Investigational device. Limited by United States law to investigational use.

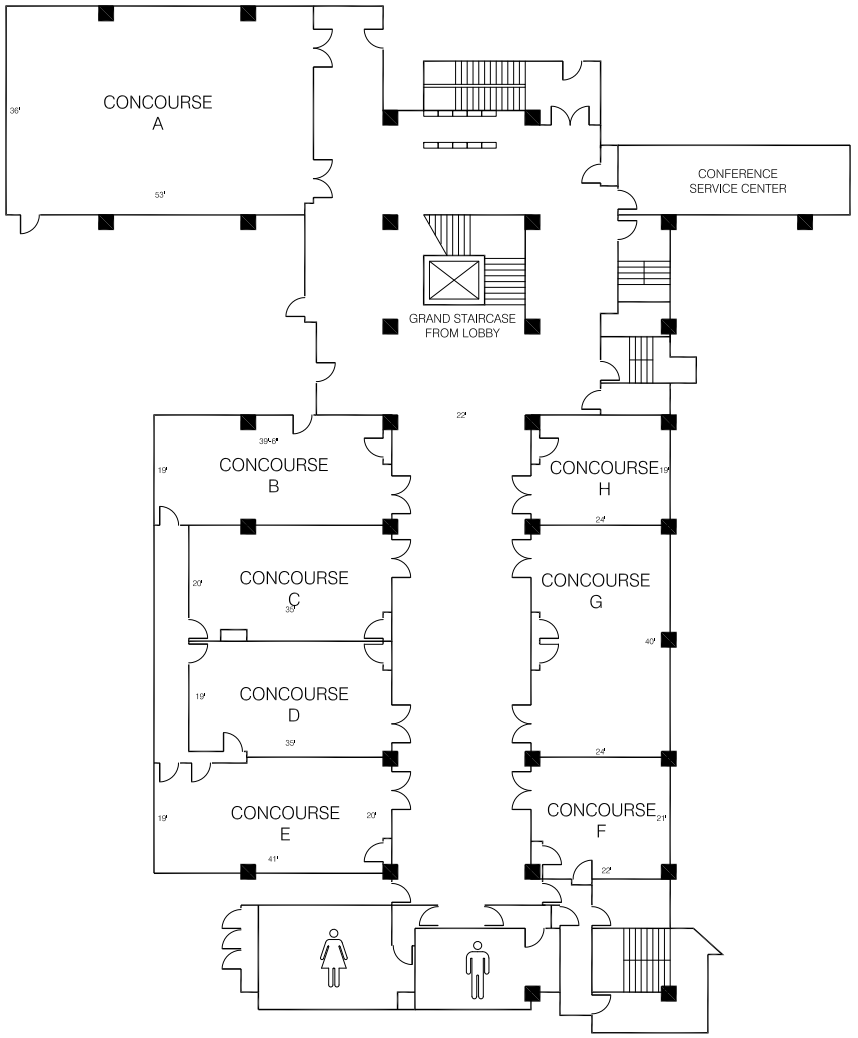
** Global Registry for Endovascular Aortic Treatment

FLOOR PLANS

AIM Symposium®
ADVANCED
INTERVENTIONAL
MANAGEMENT

VEITHsymposium/AIMsymposium/AVIDsymposium

NOVEMBER 12-17, 2018

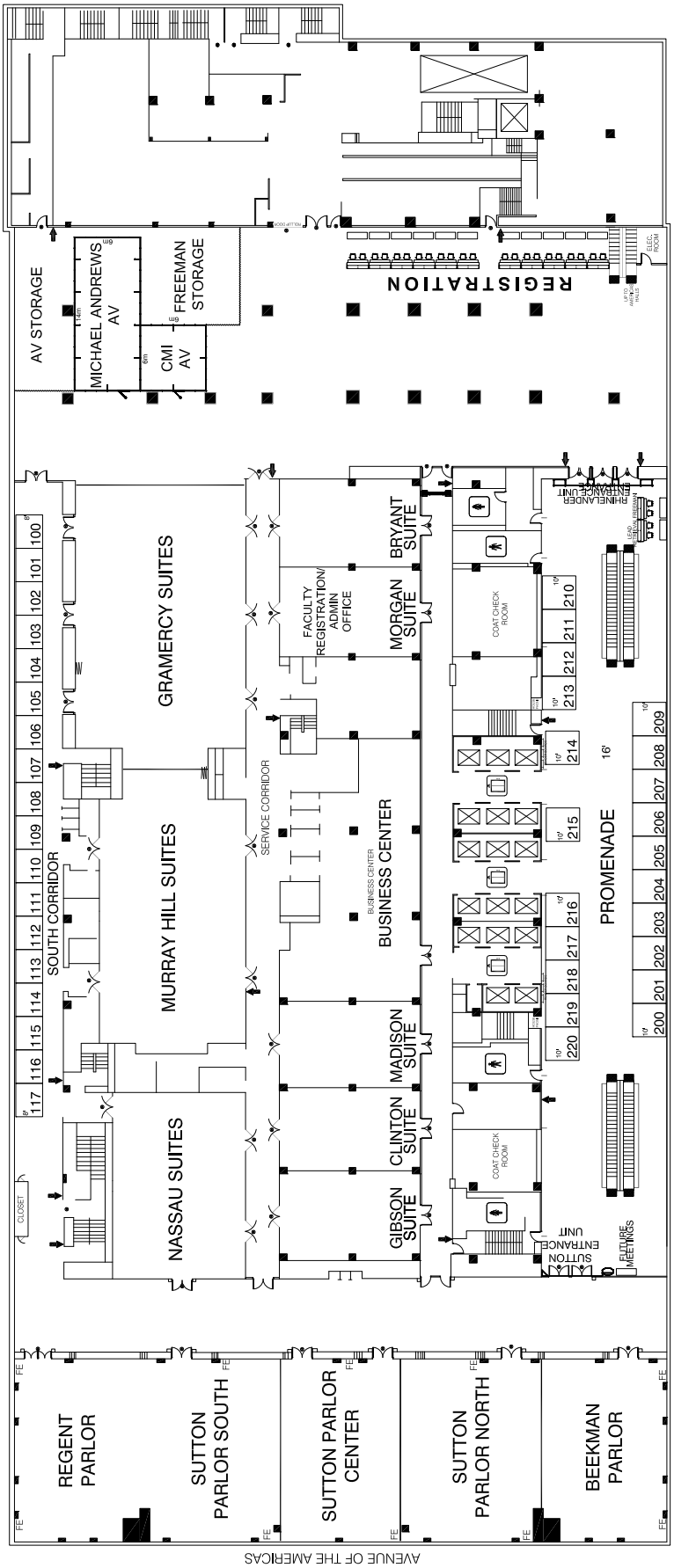


New York Hilton Midtown

Concourse Level

VEITHsymposium/AIMsymposium/AVIDsymposium

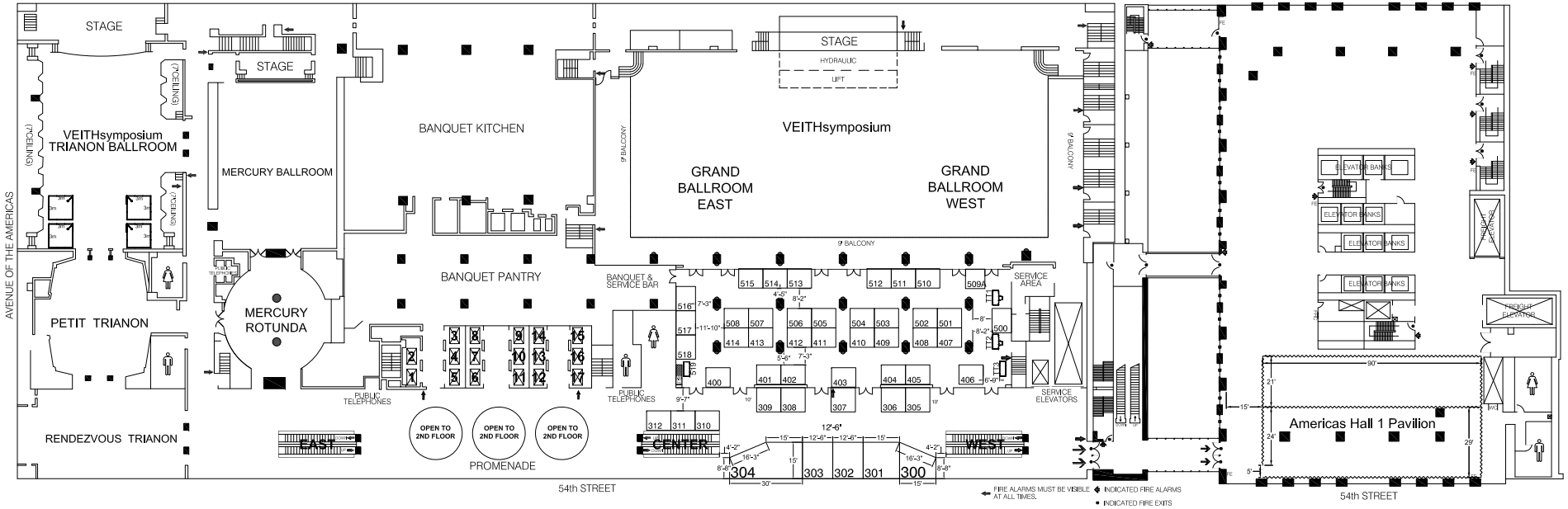
NOVEMBER 12-17, 2018



New York Hilton Midtown
2nd Floor Promenade & South Corridor

VEITHsymposium/AIMsymposium/AVIDsymposium

NOVEMBER 12-17, 2018

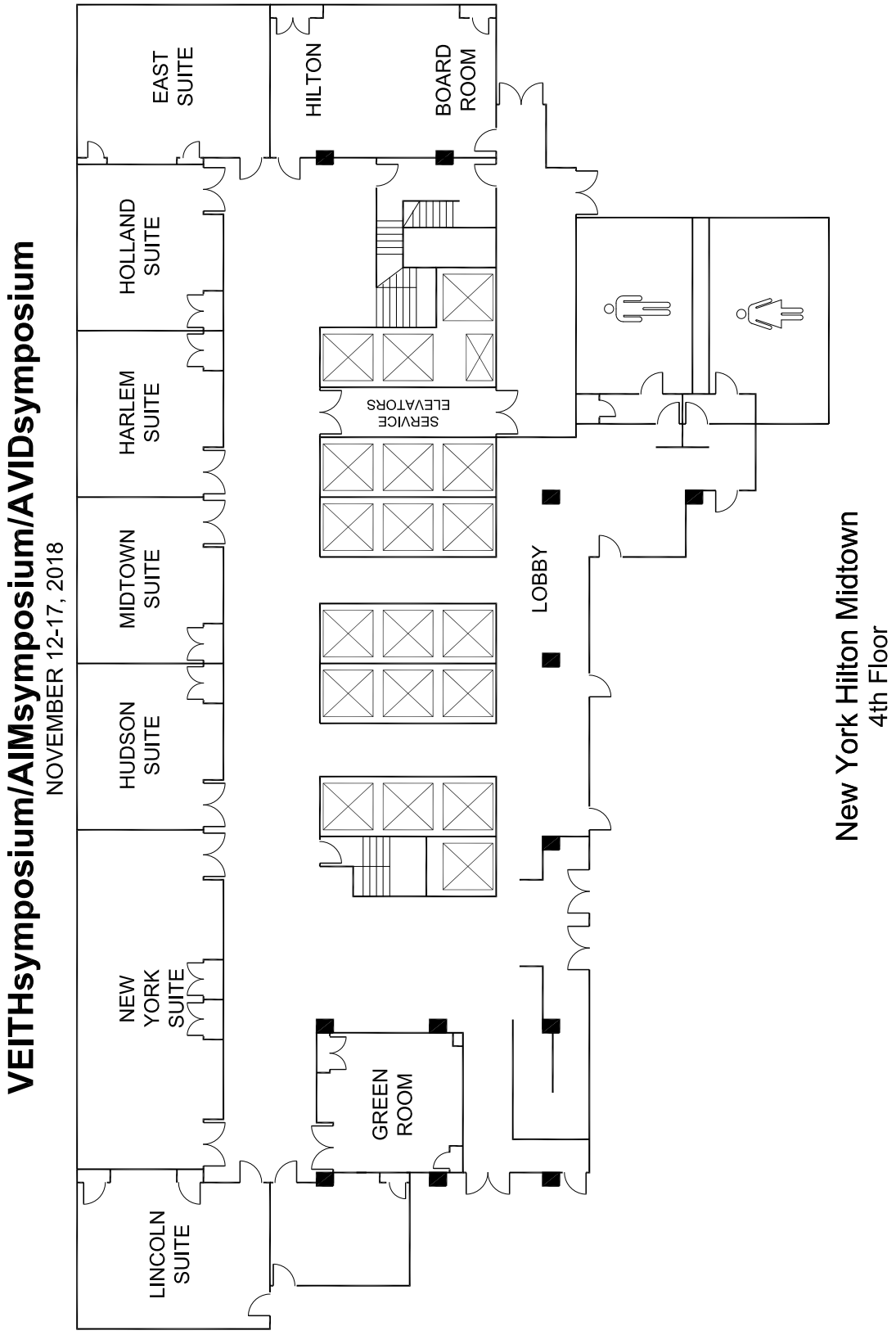


New York Hilton Midtown

3rd Floor Promenade, Foyer & Americas Hall 1

FLOOR PLANS

FLOOR PLANS

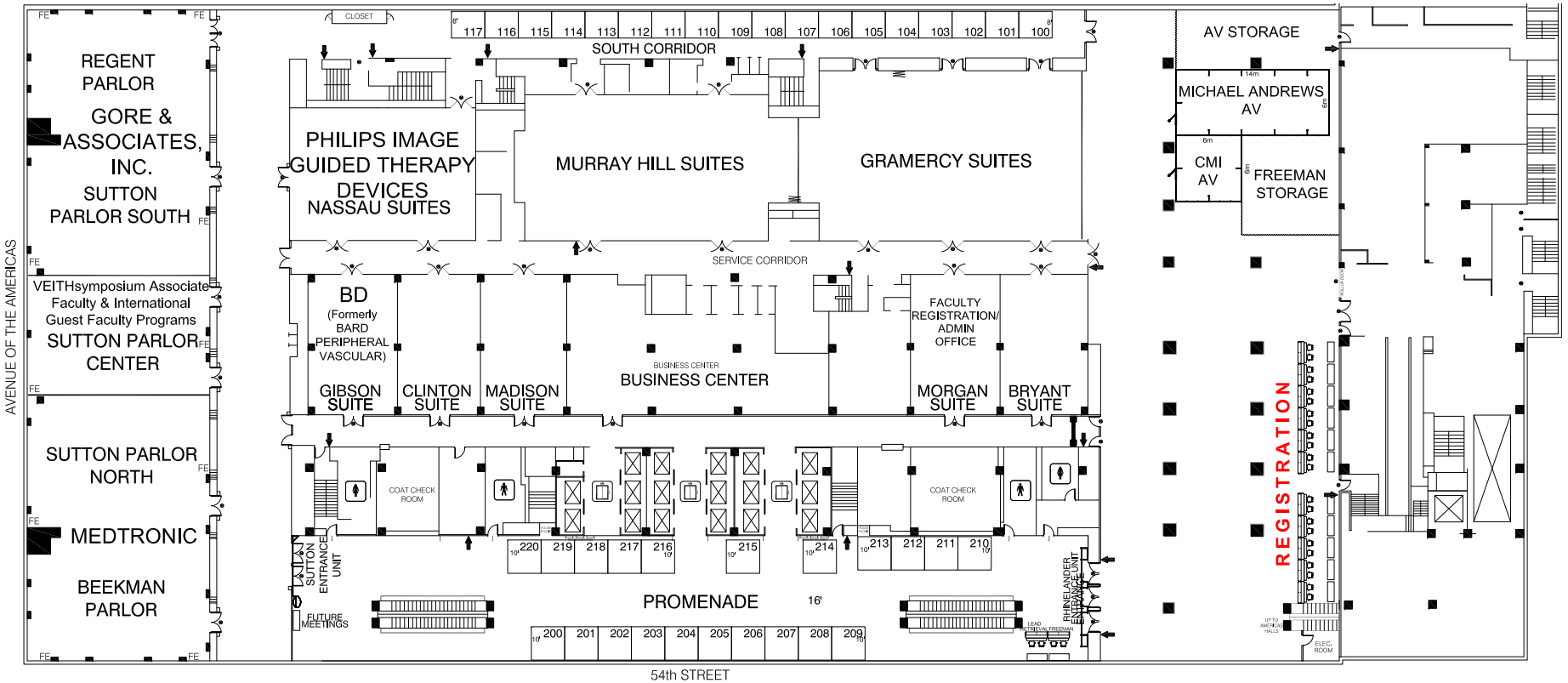

VEITHsymposium/AIMsymposium/AVIDsymposium
NOVEMBER 12-17, 2018
EAST SUITE
HILTON
BOARD ROOM
HOLLAND SUITE
HARLEM SUITE
MIDTOWN SUITE
HUDSON SUITE
NEW YORK SUITE
LINCOLN SUITE
GREEN ROOM
SERVICE ELEVATORS
LOBBY
New York Hilton Midtown
4th Floor

EXHIBITS AND PAVILIONS

VEITHsymposium/AIMsymposium/AVIDsymposium

NOVEMBER 12-17, 2018

2nd Floor Promenade & South Corridor



Company	Booth/Location
3D Systems	214 - 2nd Floor Promenade
AngioAdvancements	116 - South Corridor - 2nd Floor
AngioAdvancements	205 - 2nd Floor Promenade
Angiodynamics	115 - South Corridor - 2nd Floor (Exhibiting on Thursday Only)
Argon Medical Devices	211 - 2nd Floor Promenade
B. Braun Interventional Systems Inc.	110 - South Corridor - 2nd Floor
BD (Formerly Bard Peripheral Vascular)	Pavilion - Gibson Suite - 2nd Floor
BD (Formerly Bard Peripheral Vascular)	115 - South Corridor - 2nd Floor (Exhibiting on Monday Only)
Bentley InnoMed GmbH	210 - 2nd Floor Promenade
Boston Scientific	113 - South Corridor - 2nd Floor
BrightWater Medical	112 - South Corridor - 2nd Floor (Exhibiting on Wednesday Only)
BTG International, Inc.	107 - South Corridor - 2nd Floor
CoapTech LLC	114 - South Corridor - 2nd Floor
Edwards Lifesciences	212 and 213 - 2nd Floor Promenade

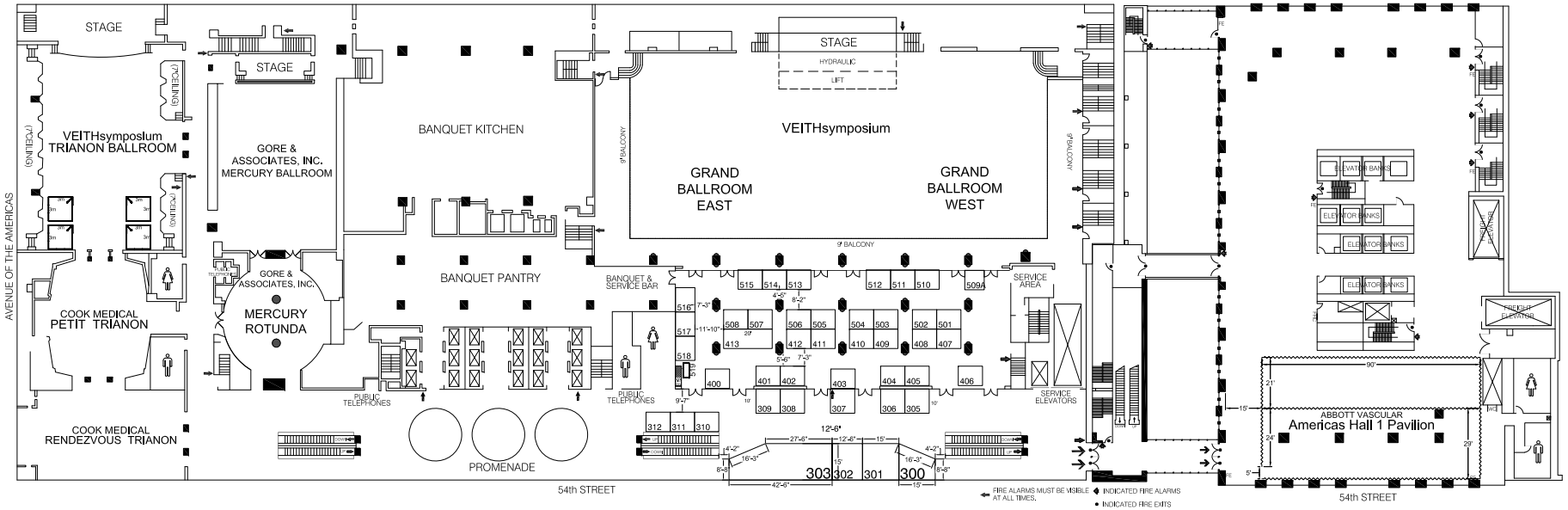
Company	Booth/Location
Elsevier, Inc.	200 - 2nd Floor Promenade
Embolx, Inc.	112 - South Corridor - 2nd Floor (Exhibiting on Monday Only)
Gore & Associates	Pavilion (Simulation) - Sutton Parlor South and Regent Parlor - 2nd Floor
Guerbet	108 - South Corridor - 2nd Floor
Inari Medical	111 - South Corridor - 2nd Floor (Exhibiting on Wednesday Only)
Inari Medical	206 - 2nd Floor Promenade
Intact Vascular	215 - 2nd Floor Promenade
KCI, An Acelity Company	219 - 2nd Floor Promenade
Medtronic	Pavilion - Beekman Parlor and Sutton Parlor North - 2nd Floor
Medtronic	109 - South Corridor - 2nd Floor
Merit Medical Systems, Inc.	208 - 2nd Floor Promenade
Microvention, Inc.	110 - South Corridor - 2nd Floor (Exhibiting on Thursday Only)
Mindray North America	114 - South Corridor - 2nd Floor (Exhibiting on Friday and Saturday)
Ostial Corporation	203 - 2nd Floor Promenade

Company	Booth/Location
Parks Medical Electronics	113 - South Corridor - 2nd Floor (Exhibiting on Friday and Saturday)
Philips Healthcare	110 - South Corridor - 2nd Floor (Exhibiting on Friday and Saturday)
Philips Image Guided Therapy Devices	Pavilion - Nassau Suites East and West - 2nd Floor
Philips Image Guided Therapy Dev ices	216 - 2nd Floor Promenade
PQ Bypass	218 - 2nd Floor Promenade
Scanlan International, Inc.	220 - 2nd Floor Promenade
Sirtex	111 - South Corridor - 2nd Floor (Exhibiting on Monday Only)
Stryker Neurovascular	117 - South Corridor, 2nd Floor
Tactile Medical	217 - 2nd Floor Promenade
VentureMed Group, Inc.	204 - 2nd Floor Promenade
Wexler Surgical, Inc.	209 - 2nd Floor Promenade
Wolters Kluwer	201 - 2nd Floor Promenade
Zero Gravity Skin	207 - 2nd Floor Promenade

VEITHsymposium/AIMsymposium/AVIDsymposium

NOVEMBER 12-17, 2018

3rd Floor Promenade, Foyer & Americas Hall 1



Company	Booth/Location
Abbott Vascular	Pavillion - Americas Hall - 3rd Floor
BD (formerly Bard Peripheral Vascular)	516, 517 and 518 - 3rd Floor Foyer
Boston Scientific	300 - 3rd Floor Promenade
BTG	305 and 306 - 3rd Floor Promenade
Cook Medical	Pavilion - Petit Trianon and Rendezvous Tianon - 3rd Floor
Cordis, A Cardinal Health Company	401 - 3rd Floor Foyer
CryoLife	512 - 3rd Floor Foyer
CX 2019/Vascular News	503 - 3rd Floor Foyer
DIVINE ID / CACVS / iMEET	407 - 3rd Floor Foyer
Endologix, Inc.	310, 311 and 312 - 3rd Floor Promenade

Company	Booth/Location
Endovascular Toady	519 - 3rd Floor Foyer
Getinge	513, 514 and 515 - 3rd Floor Foyer
Gore & Associates	Pavilion - Mercury Rotunda and Ballroom - 3rd Floor
Guerbet	302 - 3rd Floor Promenade
HyperMed Imaging, Inc.	411 and 412 - 3rd Floor Foyer
Janssen Pharmaceuticals, Inc.	400 - 3rd Floor Foyer
Medstreaming	404 and 405 - 3rd Floor Foyer
Oscor, Inc.	307 - 3rd Floor Promenade
Penumbra, Inc.	308 and 309 - 3rd Floor Promenade
Provascular GmbH	510 - 3rd Floor Foyer

Company	Booth/Location
Ra Medical Systems, Inc.	413 - 3rd Floor Foyer
SAGE Publishing	408 - 3rd Floor Foyer
Shockwave Medical	403 - 3rd Floor Foyer
Siemens Healthineers	301 - 3rd Floor Promenade
Silk Road Medical	505 and 506 - 3rd Floor Foyer
SITE Symposium	511 - 3rd Floor Foyer
Terumo Aortic / Terumo Medical	303 - 3rd Floor Promenade
Vascular Simulations, Inc.	501 - 3rd Floor Foyer
Walk Vascular	509A - 3rd Floor Foyer
Ziehm Imaging, Inc.	507 and 508 - 3rd Floor Foyer

COMBINED EXHIBIT HALL for VEITHsymposium, AIMsymposium and AVIDsymposium
(MONDAY – FRIDAY/SATURDAY)

We acknowledge the participation of the following companies as exhibitors:

COMPANY	LOCATION
3D Systems	214 - 2nd Floor Promenade
Abbott	Pavilion - Americas Hall 1 - 3rd Floor
AngioAdvancements	116 - South Corridor - 2nd Floor
AngioAdvancements	205 – 2nd Floor Promenade
AngioDynamics	115 - South Corridor - 2nd Floor (Exhibiting on Thursday Only)
Argon Medical Devices	211 - 2nd Floor Promenade
B. Braun Interventional Systems Inc.	110 - South Corridor - 2nd Floor
BD (Formerly Bard Peripheral Vascular)	Pavilion - Gibson Suite - 2nd Floor
BD (Formerly Bard Peripheral Vascular)	516, 517 and 518 – 3rd Floor Foyer
BD (Formerly Bard Peripheral Vascular)	115 - South Corridor - 2nd Floor (Exhibiting on Monday Only)
Bentley	210 - 2nd Floor Promenade
Boston Scientific	300 – 2nd Floor Promenade
Boston Scientific	113 - South Corridor - 2nd Floor
BrightWater Medical	112 – South Corridor – 2nd Floor (Exhibiting on Wednesday Only)
BTG	305 and 306 - 3rd Floor Promenade
BTG International Inc.	107 - South Corridor - 2nd Floor
CoapTech LLC	114 – South Corridor – 2nd Floor
Cook Medical	Pavilion - Petit Trianon & Rendezvous Trianon – 3rd Floor
Cordis, A Cardinal Health Company	503 - 3rd Floor Foyer
CryoLife	512 - 3rd Floor Foyer
CX 2019/Vascular News	503 – 3rd Floor Foyer
DIVINE ID / CACVS / i-MEET	407 – 3rd Floor Foyer
Edwards Lifesciences	212 and 213 - 2nd Floor Promenade
Elsevier, Inc.	200 - 2nd Floor Promenade
Embolx, Inc.	112 - South Corridor - 2nd Floor (Exhibiting on Monday Only)
Endologix, Inc.	310, 311 and 312 - 3rd Floor Promenade
Endovascular Today	519 – 3rd Floor Foyer

EXHIBITS AND PAVILIONS

COMPANY	LOCATION
Getinge	513, 514 and 515 - 3rd Floor Foyer
Gore & Associates	Pavilion - Mercury Rotunda and Ballroom - 3rd Floor
Gore & Associates	Simulation Pavilion - Sutton Parlor South and Regent Parlor - 2nd Floor
Guerbet	302 – 3rd Floor Promenade
Guerbet	108 - South Corridor - 2nd Floor
HyperMed Imaging, Inc.	411 and 412 – 3rd Floor Foyer
Inari Medical	111 - South Corridor - 2nd Floor (Exhibiting on Wednesday Only)
Inari Medical	206 – 2nd Floor Promenade
Intact Vascular	215 - 2nd Floor Promenade
Janssen Pharmaceuticals, Inc.	400 - 3rd Floor Foyer
KCI, An Acelity Company	219 - 2nd Floor Promenade
Medsteaming	404 and 405 - 3rd Floor Foyer
Medtronic	Pavilion – Beekman Parlor and Sutton Parlor North – 2nd Floor
Medtronic	109 - South Corridor - 2nd Floor
Merit Medical Systems, Inc.	208 - 2nd Floor Promenade
Microvention, Inc.	110 - South Corridor - 2nd Floor (Exhibiting on Thursday Only)
Mindray North America	114 - South Corridor - 2nd Floor (Exhibiting on Friday and Saturday)
Oscor Inc.	307 - 3rd Floor Promenade
Ostial Corporation	203 - 2nd Floor Promenade
Parks Medical Electronics	113 - South Corridor - 2nd Floor (Exhibiting on Friday and Saturday)
Penumbra, Inc.	308 and 309 - 3rd Floor Promenade
Philips Healthcare	110 - South Corridor - 2nd Floor (Exhibiting Friday and Saturday)
Philips IGT D	Pavilion - Nassau Suites East and West - 2nd Floor
Philips Image Guided Therapy Devices	216 - 2nd Floor Promenade
PQ Bypass, Inc.	218 - 2nd Floor Promenade
Provascular GmbH	510 – 3rd Floor Foyer
Ra Medical Systems, Inc.	413 - 3rd Floor Foyer
SAGE Publishing	408 – 3rd Floor Foyer
Scanlan International, Inc.	220 - 2nd Floor Promenade
Shockwave Medical	403 - 3rd Floor Foyer
Siemens Healthineers	301 - 3rd Floor Promenade

COMPANY	LOCATION
Silk Road Medical	505 and 506 - 3rd Floor Foyer
SITE Symposium	511 - 3rd Floor Foyer
Stryker Neurovascular	117 - South Corridor - 2nd Floor
Tactile Medical	217 - 2nd Floor Promenade
Terumo Aortic / Terumo Medical	303 – 3rd Floor Promenade
Vascular Simulations, Inc.	501 - 511 - 3rd Floor Foyer
VentureMed Group, Inc.	204 - 2nd Floor Promenade
Walk Vascular	509A - 3rd Floor Foyer
Wexler Surgical, Inc.	209 - 2nd Floor Promenade
Wolters Kluwer	201 - 2nd Floor Promenade
Zero Gravity Skin	207 - 2nd Floor Promenade
Ziehm Imaging	507 and 508 - 3rd Floor Foyer

PAVILIONS

VEITHsymposium, AIMsymposium and AVIDsymposium
(Tuesday – Friday/Saturday)

COMPANY	LOCATION
Abbott	Americas Hall 1, 3rd Floor
Bard Peripheral Vascular	Gibson Suite, 2nd Floor
Cook Medical	Petit Trianon & Rendezvous Trianon, 3rd Floor
Gore & Associates	Mercury Rotunda & Ballroom, 3rd Floor
Gore & Associates	Sutton Parlor South and Regent Parlor, 2nd Floor
Medtronic	Beekman Parlor & Sutton Parlor North, 2nd Floor
Philips Image Guided Therapy Devices	Nassau Suites East and West, 2nd Floor

PROGRAM SCHEDULE

AIM Symposium®
ADVANCED
INTERVENTIONAL
MANAGEMENT

MONDAY, NOVEMBER 12, 2018

7:00 A.M.	**General Registration – Rhinelander Gallery, 2nd Floor**
7:00 A.M.	**Faculty Registration – Morgan Suite, 2nd Floor**
7:00 A.M.	**Associate Faculty Registration – Rhinelander Gallery, 2nd Floor**
7:00 A.M.	**Continental Breakfast – South Corridor, 2nd Floor**
7:50 – 8:00	**Opening Remarks** *Jacob Cynamon, MD*

SESSION I (Murray Hill Suites, 2nd Floor)
PROSTATE IMAGING AND INTERVENTION

Moderators: ***Curtis W. Bakal, MD, MPH***
Jacob Cynamon, MD

8:00 – 8:10	**Clinical Urology: What You Must Know Prior To Embarking On A PAE Program** *Kara Watts, MD*
8:10 – 8:20	**Imaging Prior To PAE: MR, CTA And Cone Beam CT: Are They All Necessary** *Riad Salem, MD, MBA*
8:20 – 8:30	**Navigating Difficult Anatomy: The Microcatheters And Guidewires That Lead To Success** *Aaron M. Fischman, MD*
8:30 – 8:40	**Prostatic Artery Anatomy And Management Of Collaterals** *Ari J. Isaacson, MD*
8:40 – 8:50	**Practice Development In The Era Of FDA Approved Prostatic Artery Embolic Agents** *Jafar Golzarian, MD*
8:50 – 9:00	**Peri And Post PAE Procedure Management: My Patient Is In Agony, What Should I Do** *Shivank Bhatia, MD*
9:00 – 9:10	**Update On The Results Of PAE: Was It Worth The Wait** *Sandeep Bagla, MD*
9:10 – 9:20	**Prostate Imaging And MRI-US Fusion Prostate Biopsy For The Diagnosis Of Prostate Cancer** *Evan Z. Kovac, MD*
9:20 – 9:30	**Interventional Radiologists' Role In The Management Of Prostatic Cancer** *Shivank Bhatia, MD*
9:30 – 9:40	**Renal Cell Carcinoma: When Is Percutaneous Ablation Indicated And Why** *Sirish A. Kishore, MD*
9:40 – 9:50	**Panel Discussion**
9:50 – 10:10	**Break – Visit Exhibits (South Corridor, 2nd Floor)**

PROGRAM SCHEDULE

MONDAY SESSION 2

SESSION 2 (Murray Hill Suites, 2nd Floor)
INTERVENTIONAL ONCOLOGY: NEUROENDOCRINE AND COLON

Moderators: ***Ryan Hickey, MD***
Renee M. Moadel, MD

10:10 – 10:20	**NET: An Overview Of Symptoms And Management** *Maureen Kohi, MD* *Nicholas Fidelman, MD*
10:20 – 10:30	**Role Of TAE Or TARE In The Management Of NET** *Maureen Kohi, MD* *Nicholas Fidelman, MD*
10:30 – 10:40	**PRRT: A New Therapy For NET: What Is It And How Does It Work** *Lisa Bodei, MD, PhD*
10:40 – 10:50	**Colorectal Carcinoma: Prevention, Diagnosis And Early Management** *Andreas Kaubisch, MD*
10:50 – 11:00	**Liver Dominant mCRC: Surgical Resection, Embolization Or Ablation: How Do You Choose** *Constantinos T. Sofocleous, MD, PhD*
11:00 – 11:10	**Percutaneous Methods Of Preparing For Major Hepatectomy: LVD (Liver Venous Depravation) vs. PVE** *David C. Madoff, MD*
11:10 – 11:20	**Radiation Embolization Segmentectomy And Radiation Embolization Lobectomy: Indications, Technique And Results** *Riad Salem, MD, MBA*
11:20 – 11:30	**ALPPS: A Surgical Method To Prepare For Major Hepatectomy** *Juan P. Rocca, MD*
11:30 – 11:40	**Optimizing Ablative Techniques Using New Image Guidance, And Ablation Confirmation Software** *Joshua L. Weintraub, MD*
11:40 – 11:50	**Are Robotics Helpful In Accurate Positioning Of Biopsy And Ablation Needles** *S. Nahum Goldberg, MD*
11:50 – 12:00	**What Did We Learn From SIRFLOX And Other RCT For mCRC: Can We Do Better** *Edward Kim, MD*
12:00 – 12:10	**Panel Discussion**
12:10 – 1:10	**Lunch Break – South Corridor, 2nd Floor** **Visit Exhibits (South Corridor, 2nd Floor)**

SESSION 3 (Murray Hill Suites, 2nd Floor)
INTERVENTIONAL ONCOLOGY: PANCREAS AND LIVER

Moderators: ***Amy R. Deipolyi, MD, PhD***
Riad Salem, MD, MBA

1:10 – 1:20	**Pancreatic Cancer: Defining Resectable, Borderline Resectable And Locally Advanced Disease** *Victoria Chernyak, MD, MS*
1:20 – 1:30	**Medical And Surgical Management Of Resectable And Borderline Resectable Disease** *Peter Muscarella II, MD*
1:30 – 1:40	**Percutaneous Options For Pancreatic Cancer** *Govindarajan Narayanan, MD*
1:40 – 1:50	**Double Balloon Isolated Perfusion Of Gemcitabine For Locally Advanced Pancreatic Cancer** *Jacob Cynamon, MD*
1:50 – 2:00	**Immunologic Response To Regional Therapy** *Joseph P. Erinjeri, MD, PhD*
2:00 – 2:10	**Management Implications Of LI-RADS Categories** *Victoria Chernyak, MD, MS*
2:10 – 2:20	**Management Of HCC: A Review Of The Literature – Medical, Operative Or Local Regional Therapy** *Jean Francois H. Geschwind, MD*
2:20 – 2:30	**Local Regional Management Of HCC: TACE, TARE Or Ablate** *Riad Salem, MD, MBA*
2:30 – 2:40	**Role Of SBRT In The Management Of HCC** *Rafi Kabarriti, MD*
2:40 – 2:50	**DEBATE: Flow Directed vs. Flow Redirected Embolization Using Proximal Flow Restriction: Advantages Of Flow Directed Embolization** *Michael G. Tal, MD, MBA*
2:50 – 3:00	**DEBATE: Flow Directed vs. Flow Redirected Embolization Using Proximal Flow Restriction: Advantages Of Flow Redirected Embolization** *Steven C. Rose, MD*
3:00 – 3:10	**Panel Discussion**
3:10 – 3:50	**Hands-On Workshops: Microcatheters, Embolic Agents And Devices, Ablation Devices**

PROGRAM SCHEDULE

MONDAY SESSIONS 4–5

SESSION 4 (Murray Hill Suites, 2nd Floor)
INTERVENTIONAL ONCOLOGY: LUNG AND BONE

Moderators: ***Marcy B. Jagust, MD***
Theresa M. Caridi, MD

3:50 – 4:00	**Metastatic Breast Cancer: What Does IR Have To Offer** *Amy R. Deipolyi, MD, PhD*
4:00 – 4:10	**Lung Cancer Screening: What Is Benign And What Is Not** *Linda B. Haramati, MD, MS*
4:10 – 4:20	**Ablation For Lung Metastases: When Can It Be The Treatment Of Choice** *Constantinos T. Sofocleous, MD, PhD*
4:20 – 4:30	**Management Of Painful Bone And Soft Tissue Metastatic Lesions** *Majid Maybody, MD*

SESSION 5 (Murray Hill Suites, 2nd Floor)
CIRRHOSIS / PORTAL HYPERTENSION

Moderators: ***Ernest J. Ring, MD***
Rahul S. Patel, MD

4:30 – 4:40	**Pathophysiology Of Cirrhosis And Information Gained From Fibroscans Or MR Elastography** *Samuel Sigal, MD*
4:40 – 4:50	**Transjugular Liver Biopsies: Indications, Technique, Results And Complications** *Matthew S. Johnson, MD*
4:50 – 5:00	**Transfemoral Transcaval Liver Biopsies: Safety And Efficacy In Over 200 Cases** *Jacob Cynamon, MD*
5:00 – 5:10	**Indications For TIPS Or BRTO: How Do I Choose** *Ziv J. Haskal, MD*
5:10 – 5:20	**Technical Tips For Successful BRTO Even In The Presence Of Ectopic Varices** *Wael E. Saad, MD*
5:20 – 5:30	**Acute And Chronic Portal Vein Thrombosis: Techniques For Success** *Riad Salem, MD, MBA*
5:30 – 5:40	**Finally, A New Device To Simplify Creation Of A TIPS: The Scorpion** *Wael E. Saad, MD*
5:40 – 5:50	**Simplifying The TIPS Procedure By Using The Cynamon Technique** *Jacob Cynamon, MD*
5:50 – 6:00	**Panel Discussion**

TUESDAY, NOVEMBER 13, 2018

7:00 A.M.	**General Registration – Rhinelander Gallery, 2nd Floor**
7:00 A.M.	**Faculty Registration – Morgan Suite, 2nd Floor**
7:00 A.M.	**Associate Faculty Registration – Rhinelander Gallery, 2nd Floor**
7:00 A.M.	**Continental Breakfast – South Corridor, 2nd Floor**

7:50 – 8:00 **Opening Remarks**
Jacob Cynamon, MD

SESSION 6 (Murray Hill Suites, 2nd Floor)
RADIAL ARTERY ACCESS

Moderators: ***David Sperling, MD***
Ari J. Isaacson, MD

8:00 – 8:10	**Radial Artery Or Femoral Artery Access: How To Choose** *Aaron M. Fischman, MD*
8:10 – 8:20	**What Tools Are Needed For Success: Avoiding Surprises** *Marcelo Guimaraes, MD*
8:20 – 8:30	**Visceral And Pelvic Angiography Via The Radial Artery: How Does It Differ From The Femoral Approach** *Robert A. Lookstein, MD, MHCDL*
8:30 – 8:40	**How Far Can You Reach And How Large Can You Go For The Treatment Of PVD** *Rahul S. Patel, MD*
8:40 – 8:50	**Radial Artery Access In The Management Of AV Fistulas: When Is It Indicated And When Is It Not** *Jacob Cynamon, MD*
8:50 – 9:00	**Advantages Of The Distal Radial (Snuffbox) Approach** *Vivian Bishay, MD*
9:00 – 9:10	**Avoiding And Managing Complications Of Radial Artery Access** *Theresa M. Caridi, MD*
9:10 – 9:20	**Femoral Access Should Not Be Forgotten: The Small And Large Exit Plan** *Mona Ranade, MD*
9:20 – 10:10	**Hands-On Workshops: Radial And Femoral Access**

PROGRAM SCHEDULE

TUESDAY SESSION 7

SESSION 7 (Murray Hill Suites, 2nd Floor)
PERIPHERAL VASCULAR DISEASE

Moderators: ***Ripal T. Gandhi, MD***
Andrew S. Blum, MD

10:10 – 10:20	**PAD Year In Review: Key Research Trials And Implications To Clinical Practice** *Barry T. Katzen, MD*
10:20 – 10:30	**Medical Management Of PAD In View Of New Trial Results: Review Of Guidelines And Potential Role For Anticoagulation** *Andrew S. Blum, MD*
10:30 – 10:40	**Advanced Techniques In The Contemporary Management Of Complex Aortoiliac Occlusive Disease** *Ripal T. Gandhi, MD*
10:40 – 10:50	**Role Of Thrombolysis vs. Mechanical Thrombectomy In The Management Of Acute Limb Ischemia** *Rahul S. Patel, MD*
10:50 – 11:00	**Current Paradigms In The Treatment Of Femoropopliteal Artery Occlusive Disease** *Kevin Herman, MD*
11:00 – 11:10	**The Right Tool For The Job: Which Atherectomy Device In What Case And The Role Of Shockwave In Calcified Vessels** *Andrew S. Blum, MD*
11:10 – 11:20	**Endovascular Management Of The CFA: The Next Frontier** *Nilesh N. Balar, MD*
11:20 – 11:30	**Results Of Self-Expanding Nitinol Stents Post-Dilated With Drug-Coated Balloon In The Treatment Of Femoropopliteal Disease** *Mark W. Mewissen, MD, RVT*
11:30 – 11:40	**Data Driven Guide To Current Management Of In-Stent Restenosis** *Robert A. Lookstein, MD, MHCDL*
11:40 – 11:50	**Tibial Disease: The Utilization Of Angiosomes And Angiographisomes In The Modern Management Of CLI** *John H. Rundback, MD*
11:50 – 12:00	**Pedal Access: When And How I Do It** *Ripal T. Gandhi, MD*
12:00 – 12:10	**Two Cutting Edge Techniques: Percutaneous Arterial Bypass (DETOUR) And Deep Vein Arterialization (LimFlow)** *Andrej Schmidt, MD*
12:10 – 12:20	**After The Intervention: Healing The Wound** *Raghu Kolluri, MD*
12:20 – 12:30	**Panel Discussion**
12:30 – 1:20	**Lunch Break - South Corridor, 2nd Floor** **Visit Exhibits And Pavilions (2nd and 3rd Floors)**

SESSION 8 (Murray Hill Suites, 2nd Floor)
AORTIC ANEURYSMS AND DISSECTIONS

Moderators: ***Ripal T. Gandhi, MD***
Nilesh N. Balar, MD

1:20 – 1:30	**Non-Fenestrated Options For Treating Patients With Short, Diseased Proximal Aortic Neck** *Andrew Holden, MBChB*
1:30 – 1:40	**Fenestrated And Branched EVAR: Technique, Pitfalls, And Complications** *Mark A. Farber, MD*
1:40 – 1:50	**Laser-Assisted Transgraft Embolization: A Novel Approach To The Management Of Type II Endoleaks** *Mark W. Mewissen, MD, RVT*
1:50 – 2:00	**State-Of-The-Art In Type B Aortic Dissection: When Is Endovascular Repair Indicated** *Michael D. Dake, MD*
2:00 – 2:10	**Contemporary Management Of Persistent False Lumen Perfusion And Expansion Following TEVAR** *Frank R. Arko, MD*
2:10 – 2:20	**When Is Endovascular Repair Indicated In The Setting Of Aortic Infection** *Anders Wanhainen, MD, PhD*
2:20 – 2:30	**Renal Artery Stenting In Medically Resistant Renal Vascular Hypertension Or Ischemic Nephropathy Can Prevent Emergency Intervention** *Thomas A. Sos, MD*
2:30 – 2:40	**Alternative Access Sites For EVAR, TEVAR, And TAVR: Axillary Artery, Iliac Conduit, Transapical, Transcaval, Etc.** *Rahul S. Patel, MD*
2:40 – 2:50	**Use Of Virtual Reality For Optimizing Complex Endovascular Aneurysm Repair** *Barry T. Katzen, MD*
2:50 – 3:00	**Algorithm For Choosing The Right Patient For Carotid Stenting, Endarterectomy, And Medical Management In 2018** *Klaus D. Mathias, MD*
3:00 – 3:10	**Advances In Carotid Stenting: Technical Considerations** *Claudio J. Schonholz, MD*
3:10 – 3:20	**Training On A Simulator: Does It Improve Performance And Decrease Complications** *Gabriel Bartal, MD*
3:20 – 3:30	**Panel Discussion**
3:30 – 4:20	**Hands-On Workshops: Atherectomy Devices, Crossing Devices, Stents, Stent-Graft**

PROGRAM SCHEDULE

TUESDAY SESSION 9

SESSION 9 (Murray Hill Suites, 2nd Floor)
PUSHING THE ENVELOPE OF IR

Moderators: ***Plinio Rossi, MD***
Ziv J. Haskal, MD

4:20 – 4:30	**Results Of Over 400 UAE Procedures: A New Aortography Free Technique To Identify Significant Collateral Supply** *Jacob Cynamon, MD*
4:30 – 4:40	**Regional Anesthesia And Other Techniques That Can Improve Patient Satisfaction In UFE** *Theresa M. Caridi, MD* *Maureen Kohi, MD*
4:40 – 4:50	**Ultrasound-Guided Regional Anesthesia For The Interventional Radiologist: Clinical Pearls From An Anesthesiologist** *Ron E. Samet, MD*
4:50 – 5:00	**Hemorrhoidal Embolization: Does The Data Warrant Increased Use** *Jacob Cynamon, MD*
5:00 – 5:10	**Acute Lower GI Hemorrhage: The Role Of CTA, Provocative And Emperic Embolization** *Yosef Golowa, MD*
5:10 – 5:20	**Bariatric Surgery vs. Left Gastric Embolization: An Update** *Aravind Arepally, MD*
5:20 – 5:30	**Embolization For Arthritic Pain: Why, How And Results** *Sandeep Bagla, MD*
5:30 – 5:40	**Embolization For Recurrent Hemarthrosis: Why, How And Results** *David W. Trost, MD*
5:40 – 5:50	**Panel Discussion**

WEDNESDAY, NOVEMBER 14, 2018

7:00 A.M.	**General Registration – Rhinelander Gallery, 2nd Floor**
7:00 A.M.	**Faculty Registration – Morgan Suite, 2nd Floor**
7:00 A.M.	**Associate Faculty Registration – Rhinelander Gallery, 2nd Floor**
7:00 A.M.	**Continental Breakfast – South Corridor, 2nd Floor**

SESSION 10 (Murray Hill Suites, 2nd Floor)
PEDIATRIC VASCULAR AND LYMPHATIC IMAGING AND INTERVENTION

Moderators: ***Yosef Golowa, MD***
Shlomit Goldberg-Stein, MD

8:00 – 8:10	**Lymphatic Anatomy And Diagnostic Imaging** *Bill S. Majdalany, MD*
8:10 – 8:20	**Lymphatic Intervention: Maximizing Success** *Gregory J. Nadolski, MD*
8:20 – 8:30	**Lymphatic Collections Outside The Thorax: Pathophysiology, Diagnosis And Management** *Bill S. Majdalany, MD*
8:30 – 8:40	**How To Manage Difficult Cases** *Gregory J. Nadolski, MD*
8:40 – 8:50	**Vascular Malformation In Children: Classification And Management** *Ahmad Alomari, MD, MSc*
8:50 – 9:00	**Fibroadipose Vascular Anomaly (FAVA) And Intramuscular Capillary Type Hemangioma (ICTH): How They Differ From Typical Vascular Anomalies And How Are They Treated** *Gulraiz Chaudry, MBChB*
9:00 – 9:10	**Percutaneous Treatment Of Complex Pediatric Vascular Disease** *Elchanan Bruckheimer, MBBS*
9:10 – 9:20	**The HHT Clinic: How To Get Started And What To Look For** *Sergei A. Sobolevsky, MD*
9:20 – 9:30	**Pulmonary AVM: New Technique And Devices To Achieve Long-Lasting Results Without Complications** *Jonathan Susman, MD*
9:30 – 9:40	**Panel Discussion**
9:40 – 10:30	**Hands-On Workshops: Pediatric And Lymphatic Interventions**

PROGRAM SCHEDULE

WEDNESDAY SESSIONS 11–12

SESSION 11 (Murray Hill Suites, 2nd Floor)
THE SWOLLEN EXTREMITY

Moderators: ***Paul J. Rochon, MD***
Neil M. Khilnani, MD

10:30 – 10:40	**Clinical Staging Of Venous Disease** *Neil M. Khilnani, MD*
10:40 – 10:50	**Lymphatic Swelling: Making The Diagnosis And New Treatment Options** *Stanley G. Rockson, MD*
10:50 – 11:00	**Superficial Venous Varicosities: Sclerotherapy vs. Microphlebectomy** *Steve Elias, MD*
11:00 – 11:10	**Saphenous Vein Reflux And Pelvic Congestion: Which Should Be Treated First** *Melvin Rosenblatt, MD*
11:10 – 11:20	**Saphenous Vein Ablation: When Is It Indicated And When Not** *Lowell S. Kabnick, MD, RPhS*
11:20 – 11:30	**A Review Of Venous Ablation Devices And The Reimbursement Challenges** *Melvin Rosenblatt, MD*
11:30 – 11:40	**Evaluation And Management Of Pelvic Congestion And Pelvic Congestion Syndrome** *Ronald S. Winokur, MD*
11:40 – 11:50	**New Venous Stents: Are Dedicated Venous Stents Necessary And Why** *Seshadri Raju, MD*
11:50 – 12:00	**Panel Discussion**
12:00 – 12:50	**Lunch Break - South Corridor, 2nd Floor** **Visit Exhibits And Pavilions (2nd and 3rd Floors)**

SESSION 12 (Murray Hill Suites, 2nd Floor)
DVT/PE AND BUSINESS

Moderators: ***Jacob Cynamon, MD***
Parag Patel, MD, MS

12:50 – 1:00	**DVT Controversies: When Should Acute DVT Be Treated** *Paul J. Rochon, MD*
1:00 – 1:10	**DVT Controversies: When Should Chronic DVT Be Treated** *Mark J. Garcia, MD*
1:10 – 1:20	**New Devices And Techniques For Rapid Clot Removal** *Mahmood Razavi, MD*
1:20 – 1:30	**Optimal Cases For Large Bore Thrombectomy Devices** *John Moriarty, MD*

1:30 – 1:40	**Controversies In Pulmonary Embolism: When Should Massive And Submassive PE Be Treated By IR** *Parag Patel, MD, MS*
1:40 – 1:50	**The Evolving Role Of The PERT** *Akhilesh K. Sista, MD*
1:50 – 2:00	**CTEPH: Chronic Thromboembolic Pulmonary Hypertension Percutaneous And Surgical Management** *John Moriarty, MD*
2:00 – 2:10	**IVC Filter Controversies: Current Indications And Contraindications For IVC Filters** *Matthew S. Johnson, MD*
2:10 – 2:20	**Can And Should All IVC Filters Be Removed, Even "Permanent" Filters** *David W. Trost, MD*
2:20 – 2:30	**Management Of Anticoagulation Associated With Heavy Menstrual Bleeding: IVC Filter Or UFE** *Yosef Golowa, MD* *Jacob Cynamon, MD*
2:30 – 2:40	**Maximizing Your IR Billing Using The Correct Codes For Procedures And E&M** *Parag Patel, MD, MS*
2:40 – 2:50	**Will Artificial Intelligence (AI) Replace Diagnostic Radiologists And How Can It Benefit IR** *Gabriel Bartal, MD*
2:50 – 3:00	**Setting Up An Outpatient Center: Which IR Procedures Are Preferably Done In An Outpatient Center And Why** *David Sperling, MD*
3:00 – 3:20	**Panel Discussion**
3:20 – 4:00	**Hands-On Workshops: IVC Filters, Retrievals, Venous Stents, Venous Ablation**

SESSION 13 (Murray Hill Suites, 2nd Floor)
NEW AND INNOVATIVE

Moderators: ***David A. Hirschl, MD***
Ernest J. Ring, MD

4:00 – 4:10	**What Is New In Renal And Biliary Drainage Procedures** *Saher S. Sabri, MD*
4:10 – 4:20	**IR Endoscopy Via A PTC: What You Need To Get Started** *Kelvin Hong, MD*
4:20 – 4:30	**Percutaneous Cholecystostomy, Stone Removal, Ablation** *Eli Atar, MD*

PROGRAM SCHEDULE

WEDNESDAY SESSION 13

4:30 – 4:40	**If You Are Not Using CO_2, Why Aren't You: It's Simple, Safe, Inexpensive And Very Helpful In A Range Of Procedures** *Jim Caridi, MD*
4:40 – 4:50	**Peripheral Vascular Disease: Diagnosis And Intervention With Minimal Contrast In The Presence Of Renal Insufficiency** *Eli Atar, MD*
4:50 – 5:00	**Percutaneous Gastrostomies: The Tried And True And The New** *Arash Gohari, MD*
5:00 – 5:10	**Percutaneous AV Creation: Devices, Results And Ancillary Procedures For Success** *Bart L. Dolmatch, MD*
5:10 – 5:20	**Management Of Failing AV Grafts And Fistulas: You Can Decrease Overall Cost By Spending More Upfront—Is This Fact Or Fiction** *Ziv J. Haskal, MD*
5:20 – 5:30	**Panel Discussion**

THURSDAY, NOVEMBER 15, 2018

7:00 A.M.	**General Registration – Rhinelander Gallery, 2nd Floor**
7:00 A.M.	**Faculty Registration – Morgan Suite, 2nd Floor**
7:00 A.M.	**Associate Faculty Registration – Rhinelander Gallery, 2nd Floor**
7:00 A.M.	**Continental Breakfast – South Corridor, 2nd Floor**

CONCURRENT THURSDAY PROGRAMS

Program A: SESSIONS 14-20

Multidisciplinary Acute Stroke Management

8:00 A.M. – 5:30 P.M. Murray Hill Suites, 2nd Floor

Course Leaders: ***Allan L. Brook, MD***
David J. Altschul, MD
Todd S. Miller, MD
Richard L. Zampolin, MD

PROGRAM B: SESSION 21

Hands-On Workshops : TIPS And Transvenous Liver Biopsy

8:00 A.M. – 10:00 A.M. Concourse A, Concourse Level

Workshop Coordinator: ***Yosef Golowa, MD***

PROGRAM C: SESSIONS 22-23

Associate Faculty Podium Presentations Program

11:00 A.M. – 3:00 P.M. Concourse A, Concourse Level

PROGRAM SCHEDULE

THURSDAY SESSION 14

PROGRAM A (SESSIONS 14-20)
MULTIDISCIPLINARY ACUTE STROKE MANAGEMENT

SESSION 14 (Murray Hill Suites, 2nd Floor)
ACUTE STROKE – TRIAGE AND IMAGING

Moderators: ***Lawrence R. Wechsler, MD***
Joshua A. Hirsch, MD

8:00 – 8:05	**Introduction** *Allan L. Brook, MD*
8:06 – 8:11	**Waking Up To A New Dawn And Its Implications** *Lawrence R. Wechsler, MD*
8:12 – 8:17	**DEFUSE 3 And Other Trial Updates** *Mahesh V. Jayaraman, MD* *Ryan A. McTaggart, MD*
8:18 – 8:28	**Artificial Intelligence And The Best Future Imaging Trends** *R. Gilberto Gonzalez, MD, PhD*
8:29 – 8:39	**Low NIHSS And LVO: Treatment Paradigms And Why** *H. Christian Schumacher, MD*
8:40 – 8:50	**Emergency Room Issues, And Too Many Transfers, Decisions And Discussions** *Edward C. Jauch, MD, MS*
8:51 – 9:01	**Imaging Trends And What To Expect After DAWN** *Howard A. Rowley, MD*
9:02 – 9:12	**Stroke Systems And Updated Guidelines** *Don Frei, MD*
9:13 – 9:23	**European Stroke Systems And How They Differ** *Zsolt Kulcsar, MD, PhD*
9:24 – 9:34	**Treatment Distal Stroke Lesions: When, Why, And Why Not** *Philip M. Meyers, MD*
9:35 – 9:45	**CT In The Ambulance Should Be The Standard Of Care** *Peter A. Rasmussen, MD*
9:46 – 9:56	**MRI In Acute Stroke Care, And When It Is Best To Utilize** *R. Gilberto Gonzalez, MD, PhD*
9:57 – 10:25	**Break – Visit Exhibits And Pavilions (2nd and 3rd Floors)**

SESSION 15 (Murray Hill Suites, 2nd Floor)
STROKE TREATMENT CURRENT TRENDS

Moderators: ***Daniel L. Labovitz, MD***
Henry H. Woo, MD

10:26 – 10:36	**Thrombectomy Techniques 3.0: Tips And Tricks In Challenging Cases - My Pearls** *Raphael A. Ortiz, MD*
10:37 – 10:47	**Innovative And Novel Stroke Therapies That Are In The Pipeline** *Sameer A. Ansari, MD, PhD*
10:48 – 10:58	**Radial Access: Why, When, And How** *Sudhakar R. Satti, MD*
10:59 – 11:09	**Basilar Artery Occlusion: Tips For Treating Underlying Stenosis In The Acute Thrombectomy Setting** *J. Mocco, MD, MS*
11:10 – 11:20	**Time Saving Pearls To Revascularization: Secrets Of The Trade** *Eytan Raz, MD*
11:21 – 11:31	**Stroke Systems Of Care: Getting The Patient To The Right Place At The Right Time - NYC Examples Of Best Practice** *David Ben-Eli, MD*
11:32 – 11:42	**Neuroscience: Latest Trials And Trend Setting Ideas** *Charles Esenwa, MD, MS*
11:43 – 11:53	**Anesthesia – General vs. Sedation: New Data** *Allison Spinelli, DO*
11:54 – 12:04	**Break – Pick up Lunch in the South Corridor Exhibit Area (2nd Floor) and return to the Murray Hill Suites for the Luncheon Program.**

SESSION 16 (Murray Hill Suites, 2nd Floor)
LUNCHEON SESSION – CAROTID STENTING AND WHERE WE ARE IN 2018

Moderators: ***Thomas G. Brott, MD***
Don Heck, MD

12:05 – 12:17	**Carotid Literature Review 2018** *Thomas G. Brott, MD*
12:18 – 12:30	**Carotid Disease: Treatment In 2018 And Future Predictions** *Frank J. Veith, MD*
12:31 – 12:43	**To Bypass Or Not Bypass A Primary Stroke Center: It's No Longer A Question** *Mahesh V. Jayaraman, MD* *Ryan A. McTaggart, MD*
12:44 – 12:59	**Anti-Platelet Therapy Best Managed In The Acute Stenting And SAH Patients** *Lucie G. Thibault, Pharm.D*

PROGRAM SCHEDULE

THURSDAY SESSIONS 16–18

1:00 – 1:10	**Tandem Occlusions: Stent, Do Not Stent Or Occlude The Vessel And Circumstances That Go With Each** *Don Heck, MD*

SESSION 17 (Murray Hill Suites, 2nd Floor)
BRAIN ANEURYSM

Moderators: ***David J. Langer, MD***
David J. Altschul, MD

1:11 – 1:21	**Updates On Vasospasm** *Richard P. Klucznik MD*
1:22 – 1:33	**Flow Diversion: Trends And Future Roles** *Peter K. Nelson, MD*
1:33 – 1:43	**When To Treat An Unruptured Aneurysm: Clinical Practice vs. Scientific Data** *Howard A. Riina, MD*
1:44 – 1:54	**Future Treatment Of Wide Necked Aneurysms And Flow Diversion** *Ajay K. Wakhloo, MD, PhD*
1:55 – 2:05	**The Next Generation Aneurysm Trial: What Should It Look Like** *Colin P. Derdeyn, MD*
2:06 – 2:16	**Role Of Intra-Aneurysmal Therapy: Novel Intra-Saccular Devices** *David Fiorella, MD, PhD*
2:17 – 2:27	**Vessel Wall Imaging Highlight And Where It Impacts Patient Care** *Ronit Agid, MD*

SESSION 18 (Murray Hill Suites, 2nd Floor)
COMPLICATIONS

Moderators: ***Peter K. Nelson, MD***
Allan L. Brook, MD

2:28 – 2:38	**Strategies To Prevent Complications** *Michele H. Johnson, MD*
2:39 – 2:49	**Intraprocedural Complication Management** *David J. Langer, MD*
2:50 – 3:00	**What To Do With Lesions That Won't Open** *Seon-Kyu Lee, MD, PhD*

SESSION 19 (Murray Hill Suites, 2nd Floor)
FUTURE ENDOVASCULAR TREATMENT AND EXPANDING YOUR PRACTICE

Moderators: ***Allan L. Brook, MD***
Richard L. Zampolin, MD

3:01 – 3:11	**Collateral Circulation: Imaging And Implications** *Allan L. Brook, MD*
3:12 – 3:22	**Stent Technology Forum: Electrodes And Software Data** *Thomas J. Oxley, MD, PhD*
3:23 – 3:33	**Dural Sinus Stenting And The Clearly Under Recognized Entities Needing Our Expertise** *Maksim Shapiro, MD*
3:34 – 3:44	**Middle Meningeal Embolization For SDH** *Jared Knopman, MD*
3:45 – 3:55	**Current Billing And Coding Updates In The Neurointerventional** *Henry H. Woo, MD*
3:56 – 4:06	**Migraine Headaches: Have I Got An Idea** *David J. Altschul, MD*

SESSION 20 (Murray Hill Suites, 2nd Floor)
HOT TOPICS AND TRENDS 2018

Moderators: ***David Fiorella, MD, PhD***
Allan L. Brook, MD
Amichai J. Erdfarb, MD

4:07 – 4:17	**Health Care Reform And ELVO** *Joshua A. Hirsch, MD*
4:18 – 4:28	**Update On Treatment For Cerebrovascular Trauma** *Gregg H. Zoarski, MD*
4:29 – 4:39	**Embolic Agents: Overview And What Is Coming In The Pipeline** *Ajay K. Wakhloo, MD, PhD*
4:40 – 4:50	**Safe Practice And Quality In The INR Suite: Radiation Safe Practices** *Todd S. Miller, MD*
4:51 – 5:01	**SRS For AVMs In The Post ARUBA Era** *Douglas Kondziolka, MD*
5:02 – 5:12	**"Artificial Intelligence Augmenting Stroke Care"** *Gabriel Bartal, MD*
5:13 – 5:23	**Stroke Legislation Update And Local Complications** *Bradley Kaufman, MD, MPH*
5:23 – 5:30	**Panel Discussion**

THURSDAY SESSIONS 21–23

PROGRAM B (SESSION 21)
HANDS-ON WORKSHOPS

All Workshops will combine didactic lectures, case presentations and hands-on activities to provide an educational experience for all levels of participants.

SESSION 21 (Concourse A, Concourse Level)
HANDS-ON WORKSHOPS

8:00 – 9:00	**TIPS**
9:00 – 10:00	**Transvenous Liver Biopsy**

PROGRAM C (SESSIONS 22-23)
ASSOCIATE FACULTY PODIUM PRESENTATIONS PROGRAM: LATE BREAKING RESEARCH, EXTREME CASES AND TECHNICAL NOTES

All presentations are 7 minutes with 3 minutes of discussion.

SESSION 22 (Murray Hill Suites, 2nd Floor)
ASSOCIATE FACULTY PRESENTATIONS PROGRAM: LATE BREAKING RESEARCH, EXTREME CASES AND TECHNICAL NOTES

Moderators: ***Curtis W. Bakal, MD, MPH***
Ripal T. Gandhi, MD
Jacob Cynamon, MD

11:00 – 11:10	**Introduction** *Curtis W. Bakal, MD, MPH* *Jacob Cynamon, MD*
11:10 – 11:17	**CT-Fluoroscopy In Subcentimeter Lung Nodule Biopsy: A Single Center Experience** *Driss Raissi, MD*
11:17 – 11:24	**Cryoablation Of A Symptomatic Chest Wall Desmoid Tumor Underneath A Silicone Breast Implant** *Siddhant S. Kulkarni, BS*
11:24 – 11:31	**EMPRINT™ Device Microwave Ablation Of Liver Lesions: A Large Retrospective Study From A Single Center Experience** *Driss Raissi, MD*
11:31 – 11:38	**Hepatic Wedge Pressure As A Surrogate For Direct Portal Pressure - Is It Always Accurate** *Steven J. Krausz, BA*

11:38 – 11:45	**Endolymphatic Thoracic Duct Stent-Graft Reconstruction For Chylous Pericardial Effusion** *Ryne Dougherty, MD, MBA*
11:45 – 11:52	**Successful Reconnection Of An Isolated Renal Calyx Following Partial Nephrectomy Utilizing Antegrade Radiofrequency Wire And Retrograde Snare Technique For Nephroureteral Catheter Placement** *Michael J. Drabkin, MD*
11:52 – 11:59	**A Retrospective Study Of Post Procedure IV-PCA Versus Epidural PCA Use After Uterine Fibroid Embolization** *Driss Raissi, MD*
11:59 – 12:06	**Comparison Of Vascular Closure Device Efficacy And Complication Rates To Characterize Ideal Use Cases For StarClose, Perclose, And Angio-Seal** *Damir Ljuboja, BS, BA*
12:06 – 12:13	**Hepatic Function And Mortality After Radiation Segmentectomy Or Stereotactic Body Radiation Therapy For Hepatocellular Carcinoma** *Jared H. Gans, MD*
12:13 – 12:20	**Symptomatic Escape Of Embolic Coils Following Endovascular Treatment Of A Large Pulmonary Artery Pseudoaneurysm** *Yachao Zhang, MD*
12:20 – 12:50	**Lunch Break – Concourse A, Concourse Level** **Visit Exhibits And Pavilions (2nd and 3rd Floors)**

SESSION 23 (Murray Hill Suites, 2nd Floor)

ASSOCIATE FACULTY PRESENTATIONS PROGRAM: LATE BREAKING RESEARCH, EXTREME CASES AND TECHNICAL NOTES

Moderators: ***David J. Altschul, MD***
Curtis W. Bakal, MD, MPH
Richard L. Zampolin, MD

12:50 – 12:57	**Assessing Fontan-Associated Liver Disease Via The Transfemoral-Transcaval Transvenous Biopsy Approach** *Norbert D. Kuc, BS*
12:57 – 1:04	**Endovascular Treatment Of Type B Aortic Dissection Complicated By Visceral Ischemia: Immediate Technical And Long-Term Clinical Success** *Sarah Raza, DO*
1:04 – 1:11	**Avoiding Unnecessary Surgical Intervention In IR** *Joel A. Wolf, MD*
1:11 – 1:18	**Novel Approach To Hemodialysis: Percutaneous Transrenal Access** *Sarah Raza, DO*

ASSOCIATE FACULTY PROGRAM SCHEDULE

THURSDAY SESSION 23

1:18 – 1:25	**Endovascular Treatment Of A Ruptured Dorsal Scapular Artery Pseudoaneurysm In A Patient With Neurofibromatosis Type 1** *Jeffrey Hirsh, BA*
1:25 – 1:32	**Transcaval Type II Endoleak Embolization For Presumed Aortic Aneurysm Rupture** *Rudra A. Pampati, MD*
1:32 – 1:39	**Analysis Of CT Findings For Uncontrolled Variceal Bleeding In Cirrhotic Patients Requiring TIPS** *Jalil Kalantari, MD*
1:39 – 1:46	**Isolated Ruptured Cervical Anterior Spinal Artery Aneurysms: Presentation, Re-Rupture Rates, Surgical/Endovascular Options, And Outcomes** *Pooja Sirdeshpande, MD*
1:46 – 1:53	**An Unusual Aneurysm In A Patient With A Fungating Mass** *Andrew J. Kobets, MD* *Ryan Holland, MD (Presenter)*
1:53 – 2:00	**Spontaneous Thrombosis Of Cerebral Arteriovenous Malformation (AVM)** *Rudra A. Pampati, MD*
2:00 – 2:07	**Spontaneous Bilateral Internal Carotid And Vertebral Artery Dissections With Dominant Hemisphere Circulation Maintained By Fetal Remnant Sphenoidal Artery** *Danielle Golub, BA*
2:07 – 2:14	**Indications For Preferred Extrafemoral Access For Mechanical Thrombectomy In Acute Ischemic Stroke** *Aleka Scoco, MD*
2:14 – 2:21	**Superior Rectal Artery Embolization: The 'Emborrhoid' Approach For Acute Rectal Bleeds** *Steven J. Krausz, BA*
2:21 – 2:28	**The Use Of The Transfemoral Transcaval Core-Needle Liver Biopsy Technique For Biopsies Of Hepatic Masses** *Robert Peng, MD, MS*
2:28 – 2:35	**Treatment Of Chronically Occluded Portal Vein** *Jesse Chen, MD*
2:35 – 2:42	**Non-Contrast Cone Beam CT As A Surrogate Marker For Adequacy Of Treatment In Uterine Artery Embolization** *Ricki A. Korff, BS*
2:42 – 3:00	**Concluding Remarks And Awards Presentation** *Curtis W. Bakal, MD, MPH* *David J. Altschul, MD*
3:00	**Adjourn**

FACULTY LISTING & DISCLOSURE STATEMENT

A

Ronit Agid, MD
Toronto, Ontario, Canada

Ahmad Alomari, MD, MSc, FSIR
Boston, Massachusetts

David J. Altschul, MD
Bronx, New York

Sameer A. Ansari, MD, PhD
Chicago, Illinois

Aravind Arepally, MD
Atlanta, Georgia

Frank R. Arko, MD
Charlotte, North Carolina

Eli Atar, MD, FSIR
Petah-Tikva, Israel

B

Sandeep Bagla, MD
Woodbridge, Virginia

Curtis W. Bakal, MD, MPH
Boston, Massachusetts

Nilesh N. Balar, MD
Valhalla, New York and Newark, New Jersey

Gabriel Bartal, MD, FSIR, FCIRSE
Kfar Saba, Israel

David Ben-Eli, MD
New York, New York

Shivank Bhatia, MD
Miami, Florida

Vivian Bishay, MD
New York, New York

Andrew S. Blum, MD
Elmhurst, Illinois

Lisa Bodei, MD, PhD
New York, New York

Allan L. Brook, MD
Bronx, New York

Thomas G. Brott, MD
Jacksonville, Florida

Elchanan Bruckheimer, MBBS
Petah-Tikva, Israel

C

Jim Caridi, MD
New Orleans, Louisiana

Theresa M. Caridi, MD
Washington, District of Columbia

Gulraiz Chaudry, MBChB, FRCR
Boston, Massachusetts

Victoria Chernyak, MD, MS
Bronx, New York

Jacob Cynamon, MD
New York, New York

D

Michael D. Dake, MD
Stanford, California

Amy R. Deipolyi, MD, PhD
New York, New York

Colin P. Derdeyn, MD
Iowa City, Iowa

Bart L. Dolmatch, MD
Mountain View, California

E

Steve Elias, MD
Englewood, New Jersey

Amichai J. Erdfarb, MD
Bronx, New York

Joseph P. Erinjeri, MD, PhD
New York, New York

Charles Esenwa, MD, MS
Bronx, New York

F

Mark A. Farber, MD
Chapel Hill, North Carolina

David Fiorella, MD, PhD
Stony Brook, New York

Aaron M. Fischman, MD, FSIR, FCIRSE
New York, New York

Don Frei, MD
Denver, Colorado

G

Ripal T. Gandhi, MD, FSVM, FSIR
Miami, Florida

FACULTY LISTING

Mark J. Garcia, MD
Wilmington, Delaware

Jean Francois H. Geschwind, MD
Westport, Connecticut

Arash Gohari, MD
New York, New York

S. Nahum Goldberg, MD
Jerusalem, Israel

Shlomit Goldberg-Stein, MD
New York, New York

Yosef Golowa, MD
New York, New York

Jafar Golzarian, MD
Minneapolis, Minnesota

R. Gilberto Gonzalez, MD, PhD
Boston, Massachusetts

Marcelo Guimaraes, MD, FSIR
Charleston, South Carolina

H

Linda B. Haramati, MD, MS
Bronx, New York

Ziv J. Haskal, MD, FACR, FAHA, FSIR
Charlottesville, Virginia

Don Heck, MD
Winston-Salem, North Carolina

Kevin Herman, MD
Teaneck, New Jersey

Ryan Hickey, MD
New York, New York

Joshua A. Hirsch, MD
Boston, Massachusetts

David A. Hirschl, MD
Bronx, New York

Andrew Holden, MBChB
Auckland, New Zealand

Kelvin Hong, MD
Baltimore, Maryland

I

Ari J. Isaacson, MD
Chapel Hill, North Carolina

J

Marcy B. Jagust, MD
New York, New York

Edward C. Jauch, MD, MS
Asheville, North Carolina

Mahesh V. Jayaraman, MD
Providence, Rhode Island

Matthew S. Johnson, MD
Indianapolis, Indiana

Michele H. Johnson, MD
New Haven, Connecticut

K

Rafi Kabarriti, MD
Bronx, New York

Lowell S. Kabnick, MD, RPhS, FACS, FACPh
Morristown, New Jersey

Barry T. Katzen, MD
Miami, Florida

Andreas Kaubisch, MD
New York, New York

Bradley Kaufman, MD, MPH
New York, New York

Neil M. Khilnani, MD
New York, New York

Edward Kim, MD
New York, New York

Sirish A. Kishore, MD
New York, New York

Richard P. Klucznik, MD, FACR
Houston, Texas

Jared Knopman, MD
New York, New York

Maureen Kohi, MD
San Francisco, California

Raghu Kolluri, MD
Columbus, Ohio

Douglas Kondziolka, MD
New York, New York

Evan Z. Kovac, MD
New York, New York

Zsolt Kulcsar, MD, PhD
Zurich, Switzerland

L

Daniel L. Labovitz, MD
Bronx, New York

David J. Langer, MD
New York, New York

Seon-Kyu Lee, MD, PhD
Chicago, Illinois

Robert A. Lookstein, MD, MHCDL, FSIR, FAHA
New York, New York

M

David C. Madoff, MD
New York, New York

Bill S. Majdalany, MD
Ann Arbor, Michigan

Klaus D. Mathias, MD
Hamburg, Germany

Majid Maybody, MD
New York, New York

Mark W. Mewissen, MD, RVT
Milwaukee, Wisconsin

Philip M. Meyers, MD
New York, New York

Todd S. Miller, MD
Bronx, New York

Renee M. Moadel, MD
Bronx, New York

J. Mocco, MD, MS
New York, New York

John Moriarty, MD, FSIR
Los Angeles, California

Peter Muscarella II, MD
Bronx, New York

N

Gregory J. Nadolski, MD
Wynnewood, Pennsylvania

Govindarajan Narayanan, MD
Miami, Florida

Peter K. Nelson, MD
New York, New York

O

Rafael A. Ortiz, MD
New York, New York

Thomas J. Oxley, MD, PhD
New York, New York

P

Parag Patel, MD, MS, FSIR
Milwaukee, Wisconsin

Rahul S. Patel, MD
New York, New York

R

Seshadri Raju, MD
Jackson, Mississippi

Mona Ranade, MD
New York, New York

Peter A. Rasmussen, MD
Cleveland, Ohio

Eytan Raz, MD
New York, New York

Mahmood Razavi, MD
Orange, California

Howard A. Riina, MD
New York, New York

Ernest J. Ring, MD
San Francisco, California

Juan P. Rocca, MD
Bronx, New York

Paul J. Rochon, MD
Aurora, Colorado

Stanley G. Rockson, MD
Stanford, California

Steven C. Rose, MD
San Diego, California

Melvin Rosenblatt, MD
Fairfield, Connecticut

Plinio Rossi, MD
Rome, Italy

Howard A. Rowley, MD
Madison, Wisconsin

John H. Rundback, MD, FSIR, FAHA, FSVMB
Teaneck, New Jersey

S

Wael E. Saad, MD
Ann Arbor, Michigan

Saher S. Sabri, MD
Washington, District of Columbia

Riad Salem, MD, MBA
Chicago, Illinois

Ron E. Samet, MD
Baltimore, Maryland

FACULTY LISTING

Sudhakar R. Satti, MD
Newark, Delaware

Andrej Schmidt, MD
Leipzig, Germany

Claudio J. Schonholz, MD
Charleston, South Carolina

H. Christian Schumacher, MD
Trenton, New Jersey

Maksim Shapiro, MD
New York, New York

Samuel Sigal, MD
Bronx, New York

Akhilesh K. Sista, MD
New York, New York

Sergei A. Sobolevsky, MD
New York, New York

Constantinos T. Sofocleous, MD, PhD
New York, New York

Thomas A. Sos, MD
New York, New York

David Sperling, MD, FSIR
New York, New York

Allison Spinelli, DO
Bronx, New York

Jonathan Susman, MD
New York, New York

T

Michael G. Tal, MD, MBA
Tel Aviv, Israel

Lucie G. Thibault, Pharm.D
Newport Beach, California

David W. Trost, MD
New York, New York

V

Frank J. Veith, MD
Cleveland, Ohio and
New York, New York

W

Ajay K. Wakhloo, MD, PhD, FAHA
Boston, Massachusetts

Anders Wanhainen, MD, PhD
Uppsala, Sweden

Kara Watts, MD
Bronx, New York

Lawrence R. Wechsler, MD
Pittsburgh, Pennsylvania

Joshua L. Weintraub, MD, FSIR
New York, New York

Ronald S. Winokur, MD
New York, New York

Henry H. Woo, MD
Manhasset, New York

Z

Richard L. Zampolin, MD
New York, New York

Gregg H. Zoarski, MD
Newark, Delaware

FACULTY DISCLOSURE STATEMENT

In accordance with the Standards for Commercial Support issued by the Accreditation Council for Continuing Medical Education (ACCME), The Cleveland Clinic Foundation Center for Continuing Education requires resolution of all faculty conflicts of interest to ensure CME activities are free of commercial bias.

The following faculty have indicated that they may have a Relationship(s) which, in the context of their presentation(s) could be perceived as a potential conflict of Interest:

Aravind Arepally
Company(ies): Surefire Medical
Relationship(s): Ownership Interest, Intellectual Property Rights, Consulting, Teaching and Speaking

Frank R. Arko
Company(ies): Medtronic, Penumbra, Phillips
Relationship(s): Consulting

Gabriel Bartal
Company(ies): Simbionix 3D Systems
Relationship(s): Consulting

Shivank Bhatia
Company(ies): Merit Medical
Relationship(s): Consulting, Teaching and Speaking, Independent Contractor

Company(ies): Terumo, Siemens
Relationship(s): Teaching and Speaking

Andrew S. Blum
Company(ies): Janssen Pharmaceuticals
Relationship(s): Teaching and Speaking

Lisa Bodei
Company(ies): AAA, Ipsen
Relationship(s): Consulting

Theresa M. Caridi
Company(ies): Vascular Solutions
Relationship(s): Consulting

Company(ies): Boston Scientific
Relationship(s): Membership on Advisory Committee or Review Panels

Michael D. Dake
Company(ies): Cook Medical
Relationship(s): Consulting

Company(ies): W.L. Gore and Associates, Inc.
Relationship(s): Membership on Advisory Committee or Review Panels

Colin P. Derdeyn
Company(ies): Penumbra, NoNo
Relationship(s): Consulting

Company(ies): Pulse Therapeutics
Relationship(s): Ownership Interest

Bart L. Dolmatch
Company(ies): TVA Medical
Relationship(s): Consulting, Ownership Interest

Company(ies): CR Bard/Becton Dickenson
Relationship(s): Consulting, Teaching and Speaking, Independent Contractor

Steve Elias
Company(ies): LeMaitre Inc., Vascular Insights, LLC, Hancock Jaffe Laboratories
Relationship(s): Consulting

Company(ies): Medtronic Inc.
Relationship(s): Consulting, Membership on Advisory Committee or Review Panels

Mark A. Farber
Company(ies): Cook
Relationship(s): Consulting

David Fiorella
Company(ies): Medtronic
Relationship(s): Consulting

Company(ies): Codman
Relationship(s): Consulting, Royalties

FACULTY DISCLOSURE STATEMENT

Company(ies): Sequent, Microvention
Relationship(s): Consulting, Institutional Research

Company(ies): Penumbra
Relationship(s): Institutional Research Support

Company(ies): Vascular Simulations
Relationship(s): Consulting, Ownership Interest

Don Frei
Company(ies): Penumbra
Relationship(s): Consulting, Ownership Interest, Teaching and Speaking

Company(ies): Genentech
Relationship(s): Consulting, Teaching and Speaking, Membership on Advisory Committee or Review Panels

Company(ies): Stryker
Relationship(s): Teaching and Speaking

Mark J. Garcia
Company(ies): BTG/EKOS
Relationship(s): Teaching and Speaking, Independent Contractor

S. Nahum Goldberg
Company(ies): XACT Robotics, Caesaria, Israel
Relationship(s): Independent Contractor, Membership on Advisory Committee or Review Panels

Jafar Golzarian
Company(ies): Embomedics
Relationship(s): Ownership Interest, Intellectual Property Rights, Board Membership

Marcelo Guimaraes
Company(ies): Terumo
Relationship(s): Consulting, Teaching and Speaking

Ari J. Isaacson
Company(ies): Embolx, BTG, Cook Medical
Relationship(s): Consulting

Company(ies): Terumo
Relationship(s): Teaching and Speaking

Matthew S. Johnson
Company(ies): Bayer, Bristol Myers Squibb, Boston Scientific, Cook
Relationship(s): Consulting

Company(ies): BTG
Relationship(s): Consulting, Independent Contractor

Company(ies): Surefire
Relationship(s): Independent Contractor

Neil M. Khilnani
Company(ies): Medtronic
Relationship(s): Teaching and Speaking

Govindarajan Narayanan
Company(ies): Angiodynamics, BTG, Covidien
Relationship(s): Consulting

Thomas J. Oxley
Company(ies): Synchron
Relationship(s): Ownership Interest, Intellectual Property Rights, Board Membership

Seshadri Raju
Company(ies): Veniti, Inc.
Relationship(s): Ownership Interest

Company(ies)/Agency: US Patent and Trademark office
Relationship(s): Intellectual Property Rights; Patents (IVUS diagnostic), Venous Stent Design

Steven C. Rose
Company(ies): Surefire Medical
Relationship(s): Consulting, Membership on Advisory Committee or Review Panels

Company(ies): Embolx Medical
Relationship(s): Consulting

John H. Rundback
Company(ies): Abbott, Medtronic
Relationship(s): Consulting, Teaching and Speaking, Membership on Advisory Committee or Review Panels

Company(ies): Bayer, Daiichi Sanko, Philips, Toray, Vesper
Relationship(s): Consulting

Company(ies): EXIMO
Relationship(s): Ownership Interest, Consulting, National PI

Company(ies): Boston Scientific
Relationship(s): Consulting, Membership on Advisory Committee or Review Panels

Company(ies): Cook, CSI, W.L. Gore and Associates, Inc.
Relationship(s): Teaching and Speaking

Company(ies): Medtronic, NIH, Biologic, Cordis, PQ Bypass, Limflow
Relationship(s): Site PI - Research Institutional Support

Company(ies): EKOS
Relationship(s): Site Co-PI - Research Institutional Support

FACULTY DISCLOSURE STATEMENT

Saher S. Sabri
Company(ies): Boston Scientific, BTG, Medtronic
Relationship(s): Membership on Advisory Committee or Review Panels

Riad Salem
Company(ies): BTG, Boston Scientific, Eisai, Exelixis, Bristol Myers Squibb
Relationship(s): Membership on Advisory Committee or Review Panels

Akhilesh K. Sista
Company(ies): Penumbra, Inc.
Relationship(s): Unrestricted Research Grant

Constantinos T. Sofocleous
Company(ies): Ethicon
Relationship(s): Consulting

Thomas A. Sos
Company(ies): Angiodynamics, Cook, Inc.
Relationship(s): Intellectual Property Rights

Company(ies): Confluent Medical
Relationship(s): Ownership Interest

Michael G. Tal
Company(ies): Guerbet
Relationship(s): Consulting, Intellectual Property Rights, Teaching and Speaking

David W. Trost
Company(ies): Argon
Relationship(s): Consulting, Membership on Advisory Committee or Review Panels

Ajay K. Wakhloo
Company(ies): Stryker Neurovascular
Relationship(s): Consulting

The following faculty have indicated they have no Relationship(s) which, in the context of their presentation(s), could be perceived as a potential conflict of Interest:

Ronit Agid
Ahmad Alomari
David J. Altschul
Sameer A. Ansari
Eli Atar
Sandeep Bagla
Curtis W. Bakal
Nilesh N. Balar
David Ben-Eli
Vivian Bishay
Allan L. Brook
Thomas G. Brott
Elchanan Bruckheimer
Jim Caridi
Gulraiz Chaudry
Victoria Chernyak
Jacob Cynamon
Amy R. Deipolyi
Amichai J. Erdfarb
Joseph P. Erinjeri
Charles Esenwa
Aaron M. Fischman
Ripal T. Gandhi
Jean Francois H. Geschwind
Arash Gohari
Shlomit Goldberg-Stein
Yosef Golowa
R. Gilberto Gonzalez
Linda B. Haramati
Ziv J. Haskal
Don Heck
Kevin Herman
Ryan Hickey
Joshua A. Hirsch
David A. Hirschl
Andrew Holden
Kelvin Hong
Marcy B. Jagust
Edward C. Jauch
Mahesh V. Jayaraman
Michele H. Johnson
Rafi Kabarriti
Lowell S. Kabnick
Barry T. Katzen
Andreas Kaubisch
Bradley Kaufman
Edward Kim
Sirish A. Kishore
Richard P. Klucznik
Jared Knopman
Maureen Kohi
Raghu Kolluri
Douglas Kondziolka
Evan Z. Kovac
Zsolt Kulcsar
Daniel L. Labovitz
David J. Langer
Seon-Kyu Lee
Robert A. Lookstein
David C. Madoff

FACULTY DISCLOSURE STATEMENT

Bill S. Majdalany
Klaus D. Mathias
Majid Maybody
Mark W. Mewissen
Philip M. Meyers
Todd S. Miller
Renee M. Moadel
J. Mocco
John Moriarty
Peter Muscarella II
Gregory J. Nadolski
Peter K. Nelson
Rafael A. Ortiz
Parag Patel
Rahul S. Patel
Mona Ranade
Peter A. Rasmussen
Eytan Raz
Mahmood Razavi
Howard A. Riina
Ernest J. Ring
Juan P. Rocca
Paul J. Rochon
Stanley G. Rockson
Melvin Rosenblatt
Plinio Rossi
Howard A. Rowley
Wael E. Saad
Ron E. Samet
Sudhakar R. Satti
Andrej Schmidt
Claudio J. Schonholz
H. Christian Schumacher
Maksim Shapiro
Samuel Sigal
Sergei A. Sobolevsky
David Sperling
Allison Spinelli
Jonathan Susman
Lucie G. Thibault
Frank J. Veith
Anders Wanhainen
Kara Watts
Lawrence R. Wechsler
Joshua L. Weintraub
Ronald S. Winokur
Henry H. Woo
Richard L. Zampolin
Gregg H. Zoarski

ASSOCIATE FACULTY LISTING

Jesse Chen, MD
New York, New York

Ryne Dougherty, MD, MBA
Ann Arbor, Michigan

Michael J. Drabkin, MD
New York, New York

Jared H. Gans, MD
Bronx, New York

Danielle Golub, BA
New York, New York

Jeffrey Hirsh, BA
Charlottesville, Virginia

Ryan Holland, MD
New York, New York

Jalil Kalantari, MD
Loma Linda, California

Ricki A. Korff, BS
Bronx, New York

Steven J. Krausz, BA
New York, New York

Norbert D. Kuc, BS
Bronx, New York

Siddhant S. Kulkarni, BS
New York, New York

Damir Ljuboja, BS, BA
Boston, Massachusetts

Rudra A. Pampati, MD
Ann Arbor, Michigan

Robert Peng, MD, MS
Bronx, New York

Driss Raissi, MD
Lexington, Kentucky

Sarah Raza, DO
New York, New York

Aleka Scoco, MD
Bronx, New York

Pooja Sirdeshpande, MD
New Haven, Connecticut

Joel A. Wolf, MD
Bronx, New York

Yachao Zhang, MD
New York, New York

ASSOCIATE FACULTY DISCLOSURE STATEMENT

In accordance with the Standards for Commercial Support issued by the Accreditation Council for Continuing Medical Education (ACCME), The Cleveland Clinic Foundation Center for Continuing Education requires resolution of all faculty conflicts of Interest to ensure CME activities are free of commercial bias.

The following faculty have indicated they have no Relationship(s) which, in the context of their presentation(s), could be perceived as a potential conflict of interest:

Jesse Chen
Ryne Dougherty
Michael J. Drabkin
Jared H. Gans
Danielle Golub
Jeffrey Hirsh
Ryan Holland
Jalil Kalantari
Ricki A. Korff
Steven J. Krausz
Norbert D. Kuc
Siddhant S. Kulkarni
Damir Ljuboja
Rudra A. Pampati
Robert Peng
Driss Raissi
Sarah Raza
Aleka Scoco
Pooja Sirdeshpande
Joel A. Wolf
Yachao Zhang

CME CERTIFICATE AND COURSE EVALUATION

AIM Symposium®
ADVANCED
INTERVENTIONAL
MANAGEMENT

CME CERTIFICATE AND COURSE EVALUATION

Your CME certificate will be available online immediately following the meeting. Please refer to the instructions below on how to obtain your certificate and complete a brief, optional course evaluation. Please note that credits will not be offered past 5:00 p.m. on February 28, 2019, so please visit the website to claim your credits as soon as possible.

How to Apply for AIMsymposium *AMA PRA Category 1 Credits™* using My CME:

Step 1: Go to: http://www.ccfcme.org/AIM2018-live

Step 2: Login using your existing 'My CME' login

Please note: If you can't remember your password, please use the 'reset password' link

Forgot your password? Please use the following URL to reset your password:

http://cce.ccf.org/ccecme/process?a=forgot-password-view

If you cannot login, please create a new account by clicking on the following link (or typing into your browser) and completing the information: ccfcme.org/newprofile Once your account has been created you will be returned to the login page. Please login with the email address and password you chose.

Step 3: Select the number of credits you are claiming from the dropdown list. Complete the Evaluation form and click 'submit'. You will see your certificate displayed on screen. You may then print it. The database will store it for reprinting at a future date as required.
You can login to: ccfcme.org/cmelogin at any time to access your certificates, transcript and self-report other CE items to the 'My CE' Log. Etc.

Step 4: Please take the time to click on the 'Edit Profile' button after logging in and verify that all your information is correct (as well as change your password for future logins if desired).

It is important to note that your certificate type (Physician/Non-Physician) is dependent on the 'Professional Category' field. If you are seeing the wrong certificate type, switch your category. This will automatically update the certificate which you can view by clicking on the 'MyCME home' button to refresh the page and then click on the 'participation date' of the certificate that you wish to print/reprint.

Notes

Notes

Notes

Notes

AIM ymposium® ADVANCED INTERVENTIONAL MANAGEMENT

REGISTER
with Discount Code
CIOAIM
& Save **$100**

BACK TO THE BEACH

The premier arena for practical IO education has grown so much that it needs its own date and location. Join us for 3 days of practical IO education and learn concise, efficient applications from multidisciplinary experts.

CIO

NEW Friday–Sunday Format

OCTOBER 11–13, 2019

Eden Roc Hotel | Miami Beach, Florida

TheIOMeeting.com

SYMPOSIUM ON CLINICAL INTERVENTIONAL ONCOLOGY

AIM Symposium®

ADVANCED
INTERVENTIONAL
MANAGEMENT

SAVE THE DATE

Monday - Thursday, November 18 - 21, 2019

27th Symposium on Current Issues and New Techniques in Interventional Radiology and Endovascular Therapy

Multidisciplinary Acute Stroke Management Sessions Included

Symposium Chairman
Jacob Cynamon, MD

Symposium Co-Chairmen
Allan L. Brook, MD
Frank J. Veith, MD

Executive Committee
Curtis W. Bakal, MD, MPH
Michael D. Dake, MD
Ziv J. Haskal, MD
Barry T. Katzen, MD

Scientific Committee
Ripal T. Gandhi, MD
Amy R. Deipolyi, MD, PhD
Yosef Golowa, MD
David J. Altschul, MD

Sponsored by

Cleveland Clinic

Hilton

www.AIMsymposium.org