



**AIM** **Advanced**  
**ymposium**® **Interventional**  
**Management**

Monday - Thursday, November 14 - 17, 2016

**24<sup>th</sup>** 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**

Sponsored by



**Cleveland Clinic**



**Hilton**

[www.AIMsymposium.org](http://www.AIMsymposium.org)

## ACKNOWLEDGMENTS

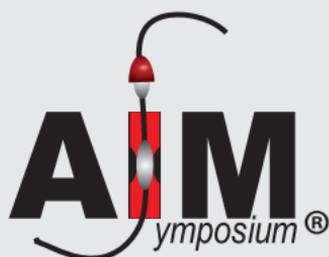
The Cleveland Clinic Foundation Center for Continuing Education and AIMsymposium acknowledge educational and in-kind\* grants in support of this activity from:

*Bard Peripheral Vascular, Inc.*

*Gore & Associates, Inc.*

*Guerbet, LLC*

*Penumbra, Inc.*



Advanced  
Interventional  
Management

Monday - Thursday  
November 14 - 17, 2016

**SYMPOSIUM CHAIRMAN**

Jacob Cynamon, MD

**SYMPOSIUM CO-CHAIRMAN**

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

**WORKSHOP COORDINATOR**

Yosef Golowa, MD

**SYMPOSIUM MANAGING DIRECTOR**

Jacqueline M. Simpson, BBA

**SYMPOSIUM ASSOCIATE DIRECTOR**

Steven J. Feld, MSW

**THE CENTER FOR CONTINUING EDUCATION**

Steven M. Kawczak, PhD

Sponsored by



**Cleveland Clinic**

## CONTENTS

Acknowledgments.....	Inside Front Cover
General Information .....	4
Accreditation .....	4
Faculty Disclosure .....	5
Social Events .....	6
Hotel and Travel.....	6
Agenda .....	7-21
Faculty Listing .....	22-24
Registration .....	25-26
Save the Date.....	Inside Back Cover

# GENERAL INFORMATION

## 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 14 - 17, 2016. 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 application practice, as well as a full-day program devoted to important topics related to acute stroke management. There will be special emphasis on interventional oncology, PVD, aneurysms, embolization devices, CCSVI, TIPS, fibroid management, vascular imaging, neurointervention, fibroid management, hemodialysis access, venous disease and venous interventions.

## 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 radiofrequency ablation 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.

## 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 36.75 *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.

# GENERAL INFORMATION

## CME CERTIFICATES AND COURSE EVALUATION FORM

CME certificates will be available online at [www.aimsymposium.org](http://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, 2017**.

## 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 the 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 AIMSsymposium requires special assistance, please send written request to AIMSsymposium by e-mail to [admin@aimsymposium.org](mailto:admin@aimsymposium.org), or by fax to (845) 368-2324, at least one month prior to the activity.

## ONLINE ACCESS TO ABSTRACTS

Presentation slides will be used as abstracts and will be available on the program page of the AIMSsymposium web site at [www.aimsymposium.org](http://www.aimsymposium.org) after the meeting. Abstracts will be available on the web site for one full year.

## GENERAL SESSIONS

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

## CONCURRENT THURSDAY PROGRAMS

### HANDS-ON WORKSHOPS/CASE PRESENTATIONS

8:00 A.M. – 6:00 P.M.

**Location:** Concourse Level, Room A

### MULTIDISCIPLINARY ACUTE STROKE MANAGEMENT

8:00 A.M. – 5:45 P.M.

**Location:** Murray Hill Suites East and West, 2nd Floor

## SOCIAL EVENTS

### FIRST HAND TICKETS

The love of live entertainment is what drives us. Specializing in hard to find, and sold out events - our mission is to get everyone a great seat. With a seasoned staff, we guarantee to exceed your expectations. Most importantly we ensure a safe and friendly transaction. At **First Hand Tickets** we are proud to be the leading Ticket Agency in New York focusing in all Sports, Theater and Concert events around the world. From single tickets to large groups, we will accommodate your needs with professionalism and attention to detail. Experience a new level of entertainment with First Hand Tickets.

For more information or to arrange your social events while at AIMsymposium, please contact:

Warren Schreiber at [wschreiber@firsthandtickets.com](mailto:wschreiber@firsthandtickets.com)

Zach Schreiber at [zschreiber@firsthandtickets.com](mailto:zschreiber@firsthandtickets.com),

Phone: 516-376-8092 or (866) 375-7591

## HOTEL AND TRAVEL

A block of rooms has been reserved at the conference rate of \$399 plus taxes per night. This rate is available until the block is filled or until October 9, 2016. *Please request the VEITH rate when reserving your accommodations.*

### **New York Hilton-Midtown (Symposium Site)**

1335 Avenue of the Americas

New York, NY 10019

(212) 586-7000 or

1-800-HILTONS (toll free U.S. only)

### **American Express Global Business Travel at The Cleveland Clinic**

Phone: (800) 955-6111, prompt #5 (U.S. toll free)

(216) 444-2564 (U.S. and International)

Fax: (623) 748-4341

E-mail: [Diane.M.Geneva@aexp.com](mailto:Diane.M.Geneva@aexp.com)

**MONDAY, NOVEMBER 14, 2016**

**7:00 A.M. General Registration – Rhinelander Gallery, 2nd Floor**

**7:00 A.M. Faculty Registration – Morgan Suite, 2nd Floor**

**7:00 A.M. Continental Breakfast – South Corridor, 2nd Floor**

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

**SESSION 1 (MURRAY HILL SUITES EAST & WEST, 2ND FLOOR)**  
**IR ROLE IN DIAGNOSTIC IMAGING**

*Moderators: Jacob Cynamon, MD*  
*Uei Pua, FRCR*

**8:00 – 8:10** Adrenal Imaging: Normal, Abnormal And Indeterminate  
*Viktoriya Paroder, MD, PhD*

**8:10 – 8:20** Adrenal Vein Sampling: Indications And Techniques  
*Marcy B. Jagust, MD*

**8:20 – 8:30** Adrenal Vein Sampling: Analysis Of Results And Therapeutic Options  
*Marcy B. Jagust, MD*

**8:30 – 8:40** Liver Biopsy vs. Fibroscan vs. MR Elastography  
*Richard L. Ehman, MD*

**8:40 – 8:50** Transvenous Liver Biopsy, Transjugular Route: Indications And Technique  
*Jim Caridi, MD*

**8:50 – 9:00** Transvenous Liver Biopsy: Transfemoral Route  
*Jacob Cynamon, MD*

**9:00 – 9:10** Medical Management Of The Cirrhotic Patient  
*Jonathan M. Schwartz, MD*

**9:10 – 9:20** Treating Hepatitis May Delay The Onset Of Hepatic Complications: Will The Prevalence Of HCC Be Changed  
*Kevin Kim, MD*

**9:20 – 9:30** Guidelines For HCC: New Research Suggests New Updates  
*TBD*

**9:30 – 9:40** Pre-Intervention Imaging: Understanding The Liver Imaging Reporting And Data System (LI-RADS)  
*Victoria Chernyak, MD, MS*

**9:40 – 9:50** Panel Discussion

**9:50 – 10:10** Break – Visit Exhibits (South Corridor, 2nd Floor)

**SESSION 2 (MURRAY HILL SUITES EAST & WEST, 2ND FLOOR)**  
**TREATING HCC**

*Moderators: Karen T. Brown, MD*  
*Joshua L. Weintraub, MD*

**10:10 – 10:20** Surgery: Indications, Contraindications, Techniques That Can Expand The Role Of Surgery  
*Milan Kinkhabwala, MD*

**10:20 – 10:30** Ultrasound Contrast May Improve US Guided Ablation Of Small Lesions  
*Uei Pua, FRCR*

**10:30 – 10:40** The Data Suggests Y-90 Is As Good As TACE/Ablate For HCC Less Than 5 cm  
*Riad Salem, MD, MBA*

- 10:40 – 10:50** TACE/Ablate Remains The Standard For HCC Less Than 5 cm  
*Jean Francois H. Geschwind, MD*
- 10:50 – 11:00** Technology And Techniques To Adequately Embolize Inaccessible Small Vessels Feeding Tumors  
*David C. Madoff, MD*
- 11:00 – 11:10** Cone Beam CT: Interventional Oncology Should Not Be Practiced Without It  
*Edward Kim, MD*
- 11:10 – 11:20** Value Of Radiopaque Beads: Early Clinical Applications  
*TBD*
- 11:20 – 11:30** New Technology To Target And Assess Adequacy Of Ablation  
*Kevin Kim, MD*
- 11:30 – 11:40** Portal Vein Embolization To Increase Size Of Future Liver Remnant In Cirrhotics: Should The Hepatoma Be Embolized Prior To PVE  
*David C. Madoff, MD*
- 11:40 – 11:50** Radioembolization Can Replace PVE To Increase The FLR In Many Cases  
*Riad Salem, MD, MBA*
- 11:50 – 12:00** Panel Discussion
- 12:00 – 12:10** Break – Pick Up Lunch in the South Corridor Exhibit Area (2nd Floor) and Return to the Murray Hill Suites for Luncheon Program.

**SESSION 3 (MURRAY HILL SUITES EAST & WEST, 2ND FLOOR)  
LUNCHEON PROGRAM: CASE BASED DEVICE  
SPECIFIC ABLATION; HIGHLIGHTS OF THE  
DIFFERENCES OF THE VARIOUS DEVICES**

**Moderators:** *S. Nahum Goldberg, MD*

*Constantinos T. Sofocleous, MD, PhD*

- 12:10 – 12:20** Microwave Has And Will Continue To Outperform RF: The Evidence (Neuwave/Covidien)  
*Constantinos T. Sofocleous, MD, PhD*
- 12:20 – 12:30** Microwave: New Device For Improved Results (Medwave)  
*Alan M. Cohen, MD*
- 12:30 – 12:40** IRE: Safe And Complete Ablations Of Previously Not Ablatable Lesions  
*Govindarajan Narayanan, MD*
- 12:40 – 12:50** Cryoablation: Seeing What You Are Treating Can Expand The Indications For Ablations  
*David Mobley, MD*
- 12:50 – 1:00** What Is Left For RF  
*S. Nahum Goldberg, MD*
- 1:00 – 1:10** Systemic Effects Of Loco Regional Therapies: The Good, The Bad And The Ugly  
*Joseph P. Erinjeri, MD, PhD*
- 1:10 – 1:20** Panel Discussion

**SESSION 4 (MURRAY HILL SUITES EAST & WEST, 2ND FLOOR)  
INTERVENTIONAL ONCOLOGY**

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

*Jean Francois H. Geschwind, MD*

- 1:20 – 1:30** Oncolytic Virotherapy: The Future Of IO Or The End Of IO  
*Steven C. Rose, MD*
- 1:30 – 1:40** Colon Cancer: An Oncologist's View  
*Andreas Kaubisch, MD*

- 1:40 – 1:50** Colon Cancer: Trials Involving IR  
*Shree R. Venkat, MD*
- 1:50 – 2:00** Colon Cancer: When Is Y-90 Best And When Is Ablation Best  
*Matthew S. Johnson, MD*
- 2:00 – 2:10** What Are The Limitations Of Radioembolization And Why  
*Robert J. Lewandowski, MD*
- 2:10 – 2:20** Pancreatic Cancer: Percutaneous IRE – Patient Selection Is Key To Success  
*Govindarajan Narayanan, MD*
- 2:20 – 2:30** Pancreatic Cancer: Open Surgical IRE Is Safer And Better  
*Joshua L. Weintraub, MD*
- 2:30 – 2:40** Pancreatic Cancer: Chemoembolization Using A Double Balloon Catheter  
*Jacob Cynamon, MD*
- 2:40 – 2:50** Cholangiocarcinoma And Breast Cancer: Radioembolization Update  
*Igor Lobko, MD*
- 2:50 – 3:00** Lung Cancer: When Is Ablation Indicated, Technique, Complication, Prevention  
*Constantinos T. Sofocleous, MD, PhD*
- 3:00 – 3:10** What Every IR Should Know About External Beam Radiation Therapy (EBRT): Lung  
*Nitin Ohri, MD*
- 3:10 – 3:20** What Every IR Should know About External Beam Radiation Therapy (EBRT): Liver  
*TBD*
- 3:20 – 3:30** Panel Discussion
- 3:30 – 3:50** Break – Visit Exhibits (South Corridor, 2nd Floor)

SESSION 5 (MURRAY HILL SUITES EAST & WEST, 2ND FLOOR)  
**ADVANCED IR**

**Moderator:** *Jonathan Susman, MD*

- 3:50 – 4:00** Radiation Exposure To Patients And Physicians Can Be Reduced With Better Pre-Procedure Planning  
*Gabriel Bartal, MD*
- 4:00 – 4:10** Budd-Chiari: TIPS Is Indicated, Do Not Consider Hepatic Venous Stenting Alone  
*Ziv J. Haskal, MD*
- 4:10 – 4:20** Budd-Chiari: Consider Hepatic Venous Stenting First And Only TIPS If Proven Necessary  
*Ernest J. Ring, MD*
- 4:20 – 4:30** BRTO: Indications, Techniques And New Developments  
*Wael E. Saad, MD*
- 4:30 – 4:40** Advanced TIPS Techniques  
*Ziv J. Haskal, MD*
- 4:40 – 4:50** Splenic Artery Embolization Is Not Just For Trauma: Why, Where And How  
*Wael E. Saad, MD*
- 4:50 – 5:00** The Denver Shunt: Avoiding Complications  
*Hooman Yarmohammadi, MD*
- 5:00 – 5:10** Gastrostomies: Tips And Tricks And The Transcervical Approach  
*Yosef Golowa, MD*
- 5:10 – 5:20** Panel Discussion

SESSION 6 (MURRAY HILL SUITES EAST & WEST, 2ND FLOOR)  
**MUSCULOSKELETAL IMAGING AND INTERVENTION**

*Moderators: Shlomit Goldberg-Stein, MD*  
*Nogah Haramati, MD*

- 5:20 – 5:30** Soft Tissue Masses: Indications And Technique For Biopsy  
*Shlomit Goldberg-Stein, MD*
- 5:30 – 5:40** Pain Control For Palliation Of Painful MSK Lesions  
*Allan L. Brook, MD*
- 5:40 – 5:50** Ultrasound Guided MSK Procedures: A Guideline  
*Shlomit Goldberg-Stein, MD*
- 5:50 – 6:00** MSK Tumor Intervention: Embolization/Ablation  
*Majid Maybody, MD*

**TUESDAY, NOVEMBER 15, 2016**

**7:00 A.M. General Registration – Rhinelander Gallery, 2nd Floor**

**7:00 A.M. Faculty Registration – Morgan Suite, 2nd Floor**

**7:00 A.M. Continental Breakfast – South Corridor, 2nd Floor**

SESSION 7 (Murray Hill Suites East and West, 2nd Floor)  
**MANAGEMENT OF EXCESSIVE BLEEDING**

*Moderators: Arnold W. Berlin, MD*  
*Curtis W. Bakal, MD, MPH*

- 8:00 – 8:10** Trauma: Call To Action – Is 30 Minutes Reasonable?  
*Salvatore J.A. Sclafani, MD*
- 8:10 – 8:20** Blunt Abdominal Trauma: A Modern Algorithm  
*Aaron M. Fischman, MD*
- 8:20 – 8:30** Resuscitative Endovascular Balloon Occlusion Of the Aorta (REBOA): Indications And Technical Considerations  
*John McNelis, MD*
- 8:30 – 8:40** GI Bleeding: CTA Should Be The Gold Standard And Embolization Can Be Guided By A Positive CT  
*Michael D. Darcy, MD*
- 8:40 – 8:50** Liquid Embolic For GI Bleeding: Is It Safe – Technical Considerations  
*Robert A. Lookstein, MD*
- 8:50 – 9:00** Percutaneous Treatment Of Visceral Aneurysms That Failed Transarterial Embolization  
*Jacob Cynamon, MD*
- 9:00 – 9:10** Hemorrhoids: The Science Behind Embolization  
*Vincent Vidal, MD, PhD*
- 9:10 – 9:20** Hemorrhoid Embolization Technique, Results And Complications  
*Vincent Vidal, MD, PhD*
- 9:20 – 9:30** Panel Discussion

SESSION 8 (Murray Hill Suites East and West, 2nd Floor)  
**IR ROLE IN MANAGEMENT OF BENIGN PROSTATIC HYPERTROPHY**

*Moderators: Jacob Cynamon, MD*  
*Ziv J. Haskal, MD*

- 9:30 – 9:40** Why I Became A Believer In PAE For BPH  
*Lloyd S. Minsky, MD*
- 9:40 – 9:50** PAE: Anatomy And Technique For The Best Results  
*Shivank Bhatia, MD*

- 9:50 – 10:00** Results Look Great: When Will PAE Be Indicated And Reimbursed For BPH  
*Ziv J. Haskal, MD*
- 10:00 – 10:10** PAE With Cone Beam CT: Needed For Added Safety Or An Unnecessary Added Expense  
*Andre B. Uflacker, MD*
- 10:10 – 10:30** Break – Visit Exhibits And Pavilions (2nd and 3rd Floors)

SESSION 9 (Murray Hill Suites East and West, 2nd Floor)  
**ADVANCES IN INTERVENTIONAL RADIOLOGY**

*Moderators: James F. Benenati, MD*  
*Jacob Cynamon, MD*

- 10:30–10:40** UAE: Pre-Procedure Evaluation: Should MRI Be Required Prior To Uterine Artery Embolization  
*Andre B. Uflacker, MD*
- 10:40–10:50** UAE: The Truth About Adenomyosis, Pedunculated, Submucosal, Massive Fibroids, Sexual Satisfaction And Pregnancy  
*Alan H. Matsumoto, MD*
- 10:50–11:00** Adequacy Of Embolization Can Be Predicted Using Non-Contrast Cone Beam CT At Completion Of UAE  
*Yosef Golowa, MD*
- 11:00–11:10** Vascular Malformations Of The Pelvis And Uterus: Material And Methods  
*Robert J. Rosen, MD*
- 11:10–11:20** Obesity: Indications For Treatment And Why Some Procedures Work And Others Do Not  
*Jenny Choi, MD*
- 11:20–11:30** Is Left Gastric Embolization For Obesity A Fad Or Is It Here To Stay  
*Aravind Arepally, MD*
- 11:30–11:40** Plugs vs. Coils In Pulmonary AVMs: Is There A Clear Winner  
*Eli Atar, MD*
- 11:40–11:50** Glue In The USA: Various Compositions – What Is Safe Intraarterially  
*Aaron M. Fischman, MD*
- 11:50–12:00** Panel Discussion
- 12:00–12:10** Break – Pick Up Lunch in the South Corridor Exhibit Area (2nd Floor) and Return to the Murray Hill Suites for Luncheon Program.

SESSION 10 (Murray Hill Suites East and West, 2nd Floor)  
**LUNCHEON PROGRAM: CASE BASED DEVICE SPECIFIC EMBOLIZATION; HIGHLIGHTING THE DIFFERENCES OF THE AVAILABLE COILS AND PLUGS**

*Moderators: Ripal T. Gandhi, MD*  
*Bob Abraham, MD*

- 12:10–12:20** Concerto Coils And Microvascular Plugs  
*Ripal T. Gandhi, MD*
- 12:20–12:30** Ruby Coils, Pods And Others  
*Marc Schiffman, MD*
- 12:30–12:40** Pushable, Injectable, Retractable  
*Gary P. Siskin, MD*
- 12:40–12:50** Interlocks And More  
*Shivank Bhatia, MD*
- 12:50– 1:00** Azur And Azur CX Technology  
*Marcelo Guimaraes, MD*

**1:00 – 1:10** Amplatzer, EOS, Medusa, Etc.  
*Ziv J. Haskal, MD*

**1:10 – 1:20** Break – Visit Exhibits And Pavilions (2nd and 3rd Floors)

SESSION 11 (Murray Hill Suites East and West, 2nd Floor)  
**RENAL, RADIAL AND GAS**

*Moderators: Andrew S. Blum, MD*  
*Plinio Rossi, MD*

**1:20 – 1:30** Imaging Of Renovascular Hypertension In Children  
*Benjamin H. Taragin, MD*

**1:30 – 1:40** Treating Renovascular Hypertension In Children  
*Thomas A. Sos, MD*

**1:40 – 1:50** Renal Denervation: Is There A Future For This Technology  
*Mark H. Wholey, MD*

**1:50 – 2:00** Vascular Intervention Via The Radial Artery Approach: Should It Become The Standard  
*Marcelo Guimaraes, MD*

**2:00 – 2:10** Vascular Intervention Via The Radial Artery Approach: Tools Needed For Success  
*Aaron M. Fischman, MD*

**2:10 – 2:20** CO<sub>2</sub> Angiography Is Not Just For Renal Failure Anymore  
*Jim Caridi, MD*

**2:20 – 2:30** Panel Discussion

SESSION 12 (Murray Hill Suites East and West, 2nd Floor)  
**PVD/AAA**

*Moderators: John H. Rundback, MD*  
*Nilesh N. Balar, MD*

**2:30 – 2:40** PVD In The Clinic  
*Andrew S. Blum, MD*

**2:40 – 2:50** New Devices And Technologies For SFA Disease  
*Michael D. Dake, MD*

**2:50 – 3:00** New Devices And Technologies For Tibial Disease  
*Craig M. Walker, MD*

**3:00 – 3:10** Imaging And 3D Holographs To Guide Vascular Interventions  
*Elchanan Bruckheimer, MBBS*

**3:10 – 3:20** Bioelectric Controlled Protein Expression Plus Micro Stem Cell Infusion Pumps: The New Frontier In Organ Regeneration, Including Limb Salvage And Aorta Regeneration  
*Howard J. Leonhardt, hPhD*

**3:20 – 3:30** An Overview Of Low Profile Endografts For AAA  
*Barry T. Katzen, MD*

**3:30 – 3:40** What Is New In The Management Of Aortic Dissection  
*Juan C. Parodi, MD*

**3:40 – 3:50** Closure Devices, Preclose And Large Closure Without Preclose  
*Uei Pua, FRCR*

**3:50 – 4:00** Panel Discussion

**4:00 – 4:20** Break – Visit Exhibits And Pavilions (2nd and 3rd Floors)

SESSION 13 (Murray Hill Suites East and West, 2nd Floor)  
**ADVANCES IN DIALYSIS**

**Moderators:** *Joseph N. Shams, MD*  
*Oren T. Herman, MD*

- 4:20 – 4:30** The IR Clinic For Dialysis Patients: The Need For Surveillance And Follow-Up  
*Bart L. Dolmatch, MD*
- 4:30 – 4:40** Results Of The Best Randomized Trials In Percutaneous Dialysis Grafts And Fistulae Management  
*Scott Trerotola, MD*
- 4:40 – 4:50** Management Of Grafts And Fistulae With Large Pseudoaneurysms  
*Allen J. Wiesenfeld, MD*
- 4:50 – 5:00** Percutaneous AV Fistula Creation In Our Future  
*Bart L. Dolmatch, MD*
- 5:00 – 5:10** Central Vein Stenoses And Occlusions: Classifications  
*Bart L. Dolmatch, MD*
- 5:10 – 5:20** Central Vein Stenoses And Occlusions: PTA vs. Stent – Is There A Consensus  
*Ziv J. Haskal, MD*
- 5:20 – 5:30** Inside Out Technique And Devices For Central Venous Access  
*John C. Gurley, MD*
- 5:30 – 5:40** Panel Discussion

**WEDNESDAY, NOVEMBER 16, 2016**

**7:00 A.M. General Registration – Rhinelander Gallery, 2nd Floor**

**7:00 A.M. Faculty Registration – Morgan Suite, 2nd Floor**

**7:00 A.M. Continental Breakfast – South Corridor, 2nd Floor**

SESSION 14 (Murray Hill Suites East and West, 2nd Floor)  
**VENOUS INSUFFICIENCY – PART 1**

**Moderators:** *Jacob Cynamon, MD*  
*Kathleen D. Gibson, MD*

- 8:00 – 8:10** The Physical Exam And US To Establish The CEAP Classification And The VCSS Score  
*Neil M. Khilnani, MD*
- 8:10 – 8:20** The Swollen Lower Extremity: Venous, Arterial Or Lymphedema  
*Fedor Lurie, MD, PhD*
- 8:20 – 8:30** Greater Saphenous Vein Reflux: When To Treat And When Not  
*Nick Morrison, MD*
- 8:30 – 8:40** Thermal Ablation Should Remain The Standard Of Care For Saphenous Vein Reflux, At Least For Now  
*Alan M. Dietzek, MD, RPVI*
- 8:40 – 8:50** Non-Thermal Ablation: The Results Are Good, Why Is It Not Being Reimbursed  
*Kathleen D. Gibson, MD*
- 8:50 – 9:00** When, Where And How I Use Foam: Safe And Versatile If CO<sub>2</sub> Is Utilized  
*Israel Schur, MD*
- 9:00 – 9:10** Should Sclerotherapy Or Microphlebectomy Be Performed Before, During Or After GSV Ablation  
*Melvin Rosenblatt, MD*

- 9:10 – 9:20** Is A DVT A Contraindication To Treating Superficial Vein Reflux  
*Jose I. Almeida, MD, RPVI, RVT*
- 9:20 – 9:30** Venous Ulcers Management Including Peri Ulcer Venous Injections  
*Steve Elias, MD*
- 9:30 – 9:40** Mixed Arterial And Venous Ulcers: Diagnosis And Management  
*Kevin Herman, MD*
- 9:40 – 9:50** Complications Related To The Management Of Superficial Venous Insufficiency  
*Neil M. Khilnani, MD*
- 9:50 – 10:10** Panel Discussion/Case Presentation
- 10:10 – 10:30** Break – Visit Exhibits And Pavilions (2nd and 3rd Floors)

SESSION 15 (Murray Hill Suites East and West, 2nd Floor)

**VENOUS INSUFFICIENCY – PART 2**

**Moderators:** *Neil M. Khilnani, MD*  
*Nick Morrison, MD*

- 10:30–10:40** Perforator Veins: Pathophysiology And Management  
*Kathleen D. Gibson, MD*
- 10:40–10:50** Treating Recurrence Can Be Frustrating But Necessary  
*Melvin Rosenblatt, MD*
- 10:50–11:00** Phlebectomy Techniques  
*Jose I. Almeida, MD, RPVI, RVT*
- 11:00–11:10** Imaging Of Pelvic Venous Pathology With MRV Or CTV  
*Barry Stein, MD*
- 11:10–11:20** Imaging Of Pelvic Venous Pathology With US, Venography And IVUS  
*Nicos Labropoulos, BSc (Med), PhD, DIC, RVT*
- 11:20–11:30** Lower Extremity Varicosities Arising From The Pelvis: Diagnosis And Management  
*Mark H. Meissner, MD*
- 11:30–11:40** The CHIVA And ASVAL Techniques: What Are They And When Should They Be Used  
*Lowell S. Kabnick, MD, RPhS*
- 11:40–11:50** Pelvic Congestion vs. Nutcracker: Diagnosis And Management  
*Lindsay Machan, MD*
- 11:50–12:00** Panel Discussion
- 12:00–12:20** Break – Pick Up Lunch in the South Corridor Exhibit Area (2nd Floor) and Return to the Murray Hill Suites for Luncheon Program.

SESSION 16 (Murray Hill Suites East and West, 2nd Floor)

**LUNCHEON PROGRAM: IVC FILTER CONTROVERSIES**

**Moderators:** *Matthew S. Johnson, MD*  
*Alan H. Matsumoto, MD*

- 12:20–12:30** Who Is Responsible For Filter Failures  
*Curtis W. Bakal, MD, MPH*
- 12:30–12:35** From Gunther Tulip To Celect Platinum: Is It A Fundamentally Changed Filter Or A Good Filter Made Great  
*Keith M. Sterling, MD*
- 12:35–12:40** Recovery To Denali Filter Evolution: It's Not The Same Filter Anymore  
*William Stavropoulos, MD*

- 12:40–12:45** The Option Filter: A Great Filter From Its Inception, Minor Changes Have Improved Results  
*David W. Trost, MD*
- 12:45–12:50** The Convertible Filter: A Modification Of A Tried And True Permanent Filter  
*Robert J. Lewandowski, MD*
- 12:50–12:55** The Optese Filter: Is The Thrombosis Rate And Removal Rate Equivalent To Other Filters  
*David L. Gillespie, MD*
- 12:55–1:00** The ALN Filter: Better Retrieval Rates And Fewer Complications Than Other Filters  
*Alan M. Cohen, MD*
- 1:00 –1:05** Will There Be A Biodegradable Filter Available For Clinical Use In The Near Future  
*Michael D. Dake, MD*
- 1:05 –1:10** The Preserve Trial Rationale, Design And Update - Wrap Up IVC Filter Session  
*Matthew S. Johnson, MD*
- 1:20 –1:30** Panel Discussion

SESSION 17 (Murray Hill Suites East and West, 2nd Floor)  
**ACUTE DVT MANAGEMENT**

*Moderators: Andrew S. Blum, MD*  
*Mark J. Garcia, MD*

- 1:30 – 1:40** Acute DVT: Does Infrapopliteal Thrombus Or Acute Superficial Vein Thrombus Need To Be Treated  
*Alan M. Dietzek, MD, RPVI*
- 1:40 – 1:50** Anticoagulation Before, During And After Endovascular Procedures: Our Current Protocols  
*Barry T. Katzen, MD*
- 1:50 – 2:00** Non-Lytic Approaches To Acute Thrombus Removal  
*James F. Benenati, MD*
- 2:00 – 2:10** Are IVC Filters Necessary When Treating Acute DVT With Devices Or Thrombolytics  
*Robert A. Lookstein, MD*
- 2:10 – 2:20** CTA Or VQ Scans To Rule Out PE: The Evidence  
*Linda B. Haramati, MD*
- 2:20 – 2:30** PERT: Pulmonary Embolism Response Team: Why Is It Needed  
*James Horowitz, MD*
- 2:30 – 2:40** Pulmonary Embolism Intervention: When And How  
*Akhilesh K. Sista, MD*
- 2:40 – 2:50** Panel Discussion
- 2:50 – 3:10** Break – Visit Exhibits And Pavilions (2nd and 3rd Floors)

SESSION 18 (Murray Hill Suites East and West, 2nd Floor)  
**MANAGEMENT OF THE SWOLLEN EXTREMITY**

*Moderators: Ripal T. Gandhi, MD*  
*Yosef Golowa, MD*

- 3:10 – 3:20** The Lymphedema Pump: When Should It Be Applied  
*Thomas S. Maldonado, MD*
- 3:20 – 3:30** Chronic Femoral Vein Occlusions Can Be Treated  
And Can Improve QOL  
*Mark J. Garcia, MD*
- 3:30 – 3:40** Crossing And Treating Difficult Occlusions In The  
SVS And IVC  
*Marcelo Guimaraes, MD*
- 3:40 – 3:50** Current And Future Venous Stents  
*Ziv J. Haskal, MD*
- 3:50 – 4:00** When Should An Iliac Vein Stenosis Be Stented: Only  
When Proven Necessary  
*Seshadri Raju, MD*
- 4:00 – 4:10** When Should An Iliac Vein Stenosis Be Stented: Prior  
To Treating GSV Reflux  
*Enrico Ascher, MD*
- 4:10 – 4:20** CCSVI: Is The Concept Dead  
*Salvatore J.A. Sclafani, MD*
- 4:20 – 4:40** Panel Discussion

SESSION 19 (Murray Hill Suites East and West, 2nd Floor)  
**THE LYMPHATIC SYSTEM**

*Moderators: Ripal T. Gandhi, MD*  
*Yosef Golowa, MD*

- 4:40 – 4:50** What Every Interventional Radiologist Needs To  
Know About The Lymphatic System  
*Maxim Itkin, MD*
- 4:50 – 5:00** Repairing A Broken Lymphatic System Using  
Interventional Techniques  
*Maxim Itkin, MD*
- 5:00 – 5:10** Panel Discussion

SESSION 20 (Murray Hill Suites East and West, 2nd Floor)  
**ENTREPRENEURIAL IR: LESSONS LEARNED FROM  
SOME OF THE BEST INNOVATORS**

*Moderators: Jacob Cynamon, MD*  
*Barry T. Katzen, MD*

- 5:10 – 5:15** Entrepreneurial IR: Lessons Learned From Some Of  
The Best Innovators  
*Lindsay Machan, MD*
- 5:15 – 5:20** Entrepreneurial IR: Lessons Learned From Some Of  
The Best Innovators  
*Rodney A. Raabe, MD*
- 5:20 – 5:25** Entrepreneurial IR: Lessons Learned From Some Of The  
Best Innovators  
*Thomas A. Sos, MD*
- 5:25 – 5:30** Entrepreneurial IR: Lessons Learned From Some Of The  
Best Innovators  
*Howard J. Leonhardt, hPhD*
- 5:30 – 5:35** Entrepreneurial IR: Lessons Learned From Some Of The  
Best Innovators  
*Bob Abraham, MD*
- 5:35 – 5:45** Panel Discussion

## THURSDAY, NOVEMBER 17, 2016

7:00 A.M. General Registration – Rhinelander Gallery, 2nd Floor

7:00 A.M. Faculty Registration – Morgan Suite, 2nd Floor

7:00 A.M. Continental Breakfast – South Corridor, 2nd Floor

### CONCURRENT THURSDAY PROGRAM A

SESSION 21 (Concourse A, Concourse Level)

#### HANDS-ON WORKSHOPS/CASE PRESENTATIONS

All Workshops Will Combine Didactic Lectures, Case Presentations And Hands-On Activities To Provide An Educational Experience For All Levels Of Participants.

**Workshop Coordinators:** Yosef Golowa, MD  
Jacob Cynamon, MD

#### 8:00 – 9:00 PVD

Moderators: Andrew S. Blum, MD  
Nilesh N. Balar, MD  
Craig M. Walker, MD

#### 9:00 –10:00 Endografts

Moderators: John H. Rundback, MD  
Ripal T. Gandhi, MD  
Uei Pua, FRCR

#### 10:00–11:00 Embolization

Moderators: Marc Schiffman, MD  
Ziv J. Haskal, MD  
Bob Abraham, MD  
Robert A. Lookstein, MD

#### 11:00–12:00 IVC Filters

Moderators: Matthew S. Johnson, MD  
David W. Trost, MD  
William Stavropoulos, MD  
Keith M. Sterling, MD

#### 12:00 – 1:00 Simulators

Moderators: Gabriel Bartal, MD  
Yosef Golowa, MD  
Kevin Herman, MD  
John H. Rundback, MD

#### 1:00 – 2:00 Ablation

Moderators: Joshua L. Weintraub, MD  
Alan M. Cohen, MD  
Constantinos T. Sofocleous, MD, PhD  
S. Nahum Goldberg, MD

#### 2:00 – 3:00 TACE/Radioembolization

Moderators: Riad Salem, MD, MBA  
Jean Francois H. Geschwind, MD  
Matthew S. Johnson, MD

**3:00 – 4:00**    **Radial Access/CO<sub>2</sub>**  
*Aaron M. Fischman, MD*  
*Marcelo Guimaraes, MD*  
*Jim Caridi, MD*  
*Robert A. Lookstein, MD*

**4:00 – 5:00**    **Dialysis/Central Access**  
*Moderators: Allen J. Wiesenfeld, MD*  
*Marcelo Guimaraes, MD*  
*Scott Trerotola, MD*  
*Bart L. Dolmatch, MD*

**5:00 – 6:00**    **Venous/Lymphatic Intervention**  
*Moderators: Neil M. Khilnani, MD*  
*Kevin Herman, MD*  
*Maxim Itkin, MD*  
*Yosef Golowa, MD*

**CONCURRENT THURSDAY PROGRAM B**

**MULTIDISCIPLINARY ACUTE STROKE  
MANAGEMENT**

*Course Leader: Allan L. Brook, MD*

**8:00 – 8:05**    Introduction  
*Allan L. Brook, MD*

SESSION 22 (Murray Hill Suites East and West, 2nd Floor)

**ACUTE STROKE TRIAGE**

*Moderators: Edward C. Jauch, MD, MS*  
*Joshua A. Hirsch, MD*

**8:06 – 8:16**    EMS Protocols  
*Ryan A. McTaggart, MD*

**8:17 – 8:27**    Trends That Make A Difference: Are We Soon Going  
To Have A Portable Cath Lab  
*Peter A. Rasmussen, MD*

**8:28 – 8:38**    Legislation Is Coming For Comprehensive Centers  
And Diversion: Update And My Opinion  
*Bradley Kaufman, MD, MPH*

**8:39 – 8:49**    Emergency Room Issues And Solutions  
*Edward C. Jauch, MD, MS*

SESSION 23 (Murray Hill Suites East and West, 2nd Floor)

**ACUTE STROKE IMAGING**

*Moderators: Howard A. Rowley, MD*  
*R. Gilberto Gonzalez, MD, PhD*

**8:50 – 9:00**    Has CTA Eclipsed Perfusion Imaging As The Standard  
Of Care: Yes  
*Howard A. Rowley, MD*

**9:01 – 9:11**    Has CTA Eclipsed Perfusion Imaging As The Standard  
Of Care: No  
*Adam J. Davis, MD*

**9:12 – 9:22**    How To Safely Incorporate MRI Into Your Stroke  
Evaluation  
*R. Gilberto Gonzalez, MD, PhD*

**9:23 – 9:33**    Stroke Coverage Issues – 24/7/365 Within 30 Minutes  
*Jeffrey Farkas, MD*

**9:34 – 9:44**    **DEBATE:** Improving Outcomes Is Based Solely On  
Decreasing Time Tables  
*Daniel L. Labovitz, MD*

- 9:45 – 9:55** **DEBATE:** Improving Outcomes Is Based Solely on Brain Physiology, Clot Type, Intrinsic Vessel Pathology, And Collaterals  
*Colin P. Derdeyn, MD*
- 9:56 –10:05** Panel Discussion
- 10:05–10:25** Break – Visit Exhibits And Pavilions (2nd and 3rd Floors)

SESSION 24 (Murray Hill Suites East and West, 2nd Floor)

**TECHNOLOGY UPDATE**

**Moderators:** *Ajay K. Wakhloo, MD, PhD*  
*Zsolt Kulcsar, MD, PhD*

- 10:26–10:36** Is One Stent Retriever Better Than The Other And Nuances Of Each  
*Zsolt Kulcsar, MD, PhD*
- 10:37–10:47** Innovative And Novel Stroke Therapies That Are In The Pipeline  
*TBD*
- 10:48–10:58** Balloon Guides, Triaxial Systems, And Next Generation Access  
*Ansaar Rai, MD*
- 10:59–11:09** Suction Below, Suction Above, What Is The Evidence  
*Ajay K. Wakhloo, MD, PhD*
- 11:10–11:20** Suction, Device Retrieving, Together We Are Better  
*Sudhakar R. Satti, MD*
- 11:21–11:31** Acute Stenting In Tandem Occlusions (Yes/No) And Why  
*Sameer A. Ansari, MD, PhD*
- 11:32–11:42** Difficult Access And Solutions  
*Brian L. Hoh, MD*
- 11:43–11:53** Wake Up Strokes: Do We Have Any Data Or Not  
*Deepa Bhupali, MD*
- 11:54–12:04** Panel Discussion
- 12:05–12:15** Break – Pick Up Lunch in the South Corridor Exhibit Area (2nd Floor) and Return to the Murray Hill Suites for Luncheon Program.

SESSION 25 (Murray Hill Suites East and West, 2nd Floor)

**CAROTID**

**Moderator:** *Thomas G. Brott, MD*

- 12:16–12:26** Carotid Stenting: A New Era, Or Just Reinterpretation Of Data  
*Frank J. Veith, MD*
- 12:27–12:37** CREST 2 Trial And Its Implications  
*Thomas G. Brott, MD*
- 12:38–12:48** Strategies To Best Triage CEA vs. CAS: Data vs. Experience  
*Peter A. Schneider, MD*
- 12:49–12:59** Strategies To Best Triage CEA vs. CAS: Intrinsic Lesion Characteristics, And Anatomy Tell You Everything: My Pearls To Choose Wisely  
*Michele H. Johnson, MD*
- 1:00 –1:10** Panel Discussion

SESSION 26 (Murray Hill Suites East and West, 2nd Floor)

**BRAIN ANEURYSM**

*Moderators: David Fiorella, MD  
Howard A. Riina, MD*

- 1:11 – 1:21** Flow Diverters To Treat Bifurcation Aneurysms: Safe Or Not Safe  
*Peter K. Nelson, MD*
- 1:22 – 1:33** Hybrid Solutions In Complex MCA Aneurysms  
*Zsolt Kulcsar, MD, PhD*
- 1:33 – 1:43** Why Flow Diversion Is Over Utilized And Borders As Unsafe When Could Cure  
*Charles J. Prestigiacomo, MD*
- 1:44 – 1:54** Latest Aneurysm Trials: Synopsis  
*Joshua A. Hirsch, MD*
- 1:55 – 2:05** The MCA Aneurysm: Endovascular Therapy Has Finally Conquered: Wrong, Wrong, Wrong And Why  
*Howard A. Riina, MD*
- 2:06 – 2:16** Role Of Intra-Aneurysmal Therapy: Web, Medina, Etc.  
*Adam S. Arthur, MD*
- 2:17 – 2:27** Mechanisms Of Flow Diversion Failure In The Treatment Of Cerebral Aneurysms  
*Peter K. Nelson, MD*

SESSION 27 (Murray Hill Suites East and West, 2nd Floor)

**COMPLICATIONS**

*Moderator: Howard A. Riina, MD*

- 2:28 – 2:38** Strategies To Prevent Complications  
*Richard P. Klucznik, MD*
- 2:39 – 2:49** Managing The Sequelae Of A Complication  
*Guilherme Dabus, MD*
- 2:50 – 3:00** Complications And Handling On The Fly: Lessons Learned  
*David J. Langer, MD*

SESSION 28 (Murray Hill Suites East and West, 2nd Floor)

**BILLING ISSUES 2016**

*Moderators: Henry Woo, MD  
Joshua A. Hirsch, MD*

- 3:01 – 3:11** The Future: Stroke Bundled Payments And Impact On Neurointerventional Reimbursements  
*David Fiorella, MD*
- 3:12 – 3:22** Fee For Service: Current Billing And Coding Updates In The Neurointerventional Space  
*Henry Woo, MD*
- 3:23 – 3:33** Vasospasm: The Cost To The Patient  
*David J. Altschul, MD*
- 3:34 – 3:44** Posterior Circulation Stroke Therapy: Update  
*TBD*
- 3:45 – 3:55** Dural Sinus Thrombosis: When And Why I Treat  
*Sudhakar R. Satti, MD*
- 3:56 – 4:06** Direct Radial, Carotid And Venous Access  
*David D. Pasquale, MD*

SESSION 29 (Murray Hill Suites East and West, 2nd Floor)

**LEGISLATION AND REHAB SOLUTIONS**

*Moderators: David Fiorella, MD*

*Allan L. Brook, MD*

- 4:07 – 4:17** EMS Should Bypass Primary Stroke Centers  
*J. Mocco, MD, MS*
- 4:18 – 4:28** EMS Should Not Pass Primary For Comprehensive Centers  
*Lawrence R. Wechsler, MD*
- 4:29 – 4:39** Stroke Rehab – Best Practice From A Center Of Excellence  
*Carolin Dohle, MD*

SESSION 30

**SIMULATION**

*Moderators: Joshua A. Hirsch, MD*

*Allan L. Brook, MD*

- 4:40 – 4:50** The Basics Of Didactic Learning And Impact Areas  
*Joaquim M. Farinhas, MD*
- 4:51 – 5:01** VR Simulation: What Is Available Today And Where Is The Future  
*Allan L. Brook, MD*
- 5:02 – 5:12** Simulation Science And What Are The Metrics That Are Necessary And Valid  
*Marvin P. Fried, MD*
- 5:13 – 5:23** Present And Future Of Neurosurgery Training And Education  
*TBD*
- 5:24 – 5:34** Comprehensive Stroke Centers: Legislation Being Discussed And Close To Adoption  
*Bradley Kaufman, MD. MPH*
- 5:35 – 5:45** Panel Discussion
- 5:45** **Symposium Ends**

# FACULTY

## A

- Bob Abraham, MD, FSIR, FRCPC**  
*Halifax, NS, Canada*
- Jose I. Almeida, MD, RPVI, RVT, FACS**  
*Miami, Florida*
- David J. Altschul, MD**  
*Bronx, New York*
- Sameer A. Ansari, MD, PhD**  
*Chicago, Illinois*
- Aravind Arepally, MD**  
*Atlanta, Georgia*
- Adam S. Arthur, MD**  
*Memphis, Tennessee*
- Enrico Ascher, MD**  
*Brooklyn, New York*
- Eli Atar, MD, FSIR**  
*Petah-Tikva, Israel*

## B

- 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*
- James F. Benenati, MD**  
*Miami, Florida*
- Arnold W. Berlin, MD**  
*Bronx, New York*
- Shivank Bhatia, MD**  
*Miami, Florida*
- Deepa Bhupali, MD**  
*Bronx, New York*
- Andrew S. Blum, MD**  
*Elmhurst, Illinois*
- Allan L. Brook, MD**  
*Bronx, New York*
- Thomas G. Brott, MD**  
*Jacksonville, Florida*
- Karen T. Brown, MD**  
*New York, New York*
- Elchanan Bruckheimer, MBBS**  
*Petah-Tikva, Israel*

## C

- Jim Caridi, MD**  
*New Orleans, Louisiana*
- Victoria Chernyak, MD, MS**  
*Bronx, New York*
- Jenny Choi, MD**  
*New York, New York*
- Alan M. Cohen, MD**  
*Houston, Texas*
- Jacob Cynamon, MD**  
*New York, New York*

## D

- Guilherme Dabus, MD**  
*Miami, Florida*
- Michael D. Dake, MD**  
*Stanford, California*
- Michael D. Darcy, MD**  
*St. Louis, Missouri*
- Adam J. Davis, MD**  
*New York, New York*
- Colin P. Derdeyn, MD**  
*Iowa City, Iowa*
- Alan M. Dietzek, MD, RPVI, FACS**  
*Danbury, Connecticut*
- Carolyn Dohle, MD**  
*White Plains, New York*
- Bart L. Dolmatch, MD**  
*Mountain View, California*

## E

- Richard L. Ehman, MD**  
*Rochester, Minnesota*
- Steve Elias, MD**  
*Englewood, New Jersey*
- Joseph P. Erinjeri, MD, PhD**  
*New York, New York*

## F

- Joaquim M. Farinhas, MD**  
*Bronx, New York*
- Jeffrey Farkas, MD**  
*New York, New York*
- David Fiorella, MD**  
*Stony Brook, New York*
- Aaron M. Fischman, MD**  
*New York, New York*
- Marvin P. Fried, MD**  
*Bronx, New York*

## G

- Ripal T. Gandhi, MD, FSVM**  
*Miami, Florida*
- Mark J. Garcia, MD**  
*Wilmington, Delaware*
- Jean Francois H. Geschwind, MD**  
*New Haven, Connecticut*
- Kathleen D. Gibson, MD**  
*Bellevue, Washington*
- David L. Gillespie, MD**  
*Fall River, Massachusetts*
- S. Nahum Goldberg, MD**  
*Jerusalem, Israel*
- Shlomit Goldberg-Stein, MD**  
*Bronx, New York*
- Yosef Golowa, MD**  
*New York, New York*
- R. Gilberto Gonzalez, MD, PhD**  
*Boston, Massachusetts*
- Marcelo Guimaraes, MD, FSIR**  
*Charleston, South Carolina*
- John C. Gurley, MD**  
*Lexington, Kentucky*

## H

- Linda B. Haramati, MD, MS**  
*Bronx, New York*
- Nogah Haramati, MD**  
*New York, New York*
- Ziv J. Haskal, MD, FACR, FAHA, FSIR**  
*Charlottesville, Virginia*
- Kevin Herman, MD**  
*Teaneck, New Jersey*
- Oren T. Herman, MD**  
*Lake Success, New York*
- Joshua A. Hirsch, MD**  
*Boston, Massachusetts*
- Brian L. Hoh, MD**  
*Gainesville, Florida*
- James Horowitz, MD**  
*New York, New York*

## I

- Maxim Itkin, MD**  
*Philadelphia, Pennsylvania*

## J

- Marcy B. Jagust, MD**  
*New York, New York*
- Edward C. Jauch, MD, MS**  
*Charleston, South Carolina*
- Matthew S. Johnson, MD**  
*Indianapolis, Indiana*

# FACULTY

**Michele H. Johnson, MD**  
*New Haven, Connecticut*

## K

**Lowell S. Kabnick, MD, RPhS, FACS, FACP**

*New York, New York*

**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*

**Kevin Kim, MD**  
*New Haven, Connecticut*

**Milan Kinkhabwala, MD**  
*New York, New York*

**Richard P. Klucznik, MD, FACR**  
*Houston, Texas*

**Zsolt Kulcsar, MD, PhD**  
*Geneva, Switzerland*

## L

**Daniel L. Labovitz, MD**  
*Bronx, New York*

**Nicos Labropoulos, BSc (Med), PhD, DIC, RVT**

*Stony Brook, New York*

**David J. Langer, MD**  
*New York, New York*

**Howard J. Leonhardt, hPhD**  
*Santa Monica, California*

**Robert J. Lewandowski, MD**  
*Chicago, Illinois*

**Igor Lobko, MD**  
*Syosset, New York*

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

**Fedor Lurie, MD, PhD**  
*Toledo, Ohio*

## M

**Lindsay Machan, MD**  
*Vancouver, British Columbia, Canada*

**David C. Madoff, MD**  
*New York, New York*

**Thomas S. Maldonado, MD**  
*New York, New York*

**Alan H. Matsumoto, MD**  
*Charlottesville, Virginia*

**Majid Maybody, MD**  
*New York, New York*

**John McNelis, MD**  
*Bronx, New York*

**Ryan A. McTaggart, MD**  
*Providence, Rhode Island*

**Mark H. Meissner, MD**  
*Seattle, Washington*

**Lloyd S. Minsky, MD**  
*Bronx, New York*

**Renee M. Moadel, MD**  
*Bronx, New York*

**David Mobley, MD**  
*New York, New York*

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

**Nick Morrison, MD**  
*Scottsdale, Arizona*

## N

**Govindarajan Narayanan, MD**  
*Miramar, Florida*

**Peter K. Nelson, MD**  
*New York, New York*

## O

**Nitin Ohri, MD**  
*Bronx, New York*

## P

**Viktoriya Paroder, MD, PhD**  
*Bronx, New York*

**Juan C. Parodi, MD**  
*Buenos Aires, Argentina*

**David D. Pasquale, MD**  
*Bronx, New York*

**Charles J. Prestigiacomo, MD**  
*Newark, New Jersey*

**Uei Pua, FRCR**  
*Singapore*

## R

**Rodney A. Raabe, MD**  
*Spokane, Washington*

**Ansaar Rai, MD**  
*Morgantown, West Virginia*

**Seshadri Raju, MD**  
*Jackson, Mississippi*

**Peter A. Rasmussen, MD**  
*Cleveland, Ohio*

**Howard A. Riina, MD**  
*New York, New York*

**Ernest J. Ring, MD**  
*San Francisco, California*

**Steven C. Rose, MD**  
*San Diego, California*

**Robert J. Rosen, MD**  
*New York, New York*

**Melvin Rosenblatt, MD**  
*Fairfield, Connecticut*

**Plinio Rossi, MD**  
*Rome, Italy*

**Howard A. Rowley, MD**  
*Madison, Wisconsin*

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

## S

**Wael E. Saad, MD**  
*Ann Arbor, Michigan*

**Riad Salem, MD, MBA**  
*Chicago, Illinois*

**Sudhakar R. Satti, MD**  
*Newark, Delaware*

**Marc Schiffman, MD**  
*New York, New York*

**Peter A. Schneider, MD**  
*Honolulu, Hawaii*

**Israel Schur, MD**  
*New York, New York*

**Jonathan M. Schwartz, MD**  
*Bronx, New York*

**Salvatore J.A. Sclafani, MD**  
*Brooklyn, New York*

**Joseph N. Shams, MD**  
*New York, New York*

**Gary P. Siskin, MD**  
*Albany, New York*

**Akhilesh K. Sista, MD**  
*New York, New York*

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

# FACULTY

**Thomas A. Sos, MD**

*New York, New York*

**William Stavropoulos, MD**

*Philadelphia, Pennsylvania*

**Barry Stein, MD**

*Hartford, Connecticut*

**Keith M. Sterling, MD**

*Alexandria, Virginia*

**Jonathan Susman, MD**

*New York, New York*

## T

**Benjamin H. Taragin, MD**

*Bronx, New York*

**Scott Trerotola, MD**

*Philadelphia, Pennsylvania*

**David W. Trost, MD**

*New York, New York*

## U

**Andre B. Uflacker, MD**

*Charlottesville, Virginia*

## V

**Frank J. Veith, MD**

*Cleveland, Ohio and New York, New York*

**Shree R. Venkat, MD**

*Miami, Florida*

**Vincent Vidal, MD, PhD**

*Marseille, France*

## W

**Ajay K. Wakhloo, MD, PhD**

*Worcester, Massachusetts*

**Craig M. Walker, MD**

*Houma, Louisiana*

**Lawrence R. Wechsler, MD**

*Pittsburgh, Pennsylvania*

**Joshua L. Weintraub, MD, FSIR**

*New York, New York*

**Mark H. Wholey, MD**

*Pittsburgh, Pennsylvania*

**Allen J. Wiesenfeld, MD**

*Lake Success, New York*

**Henry Woo, MD**

*Stony Brook, New York*

## Y

**Hooman Yarmohammadi, MD**

*New York, New York*

# REGISTRATION



Monday, November 14 – Thursday, November 17, 2016

NEW YORK HILTON - MIDTOWN  
1335 Avenue Of The Americas  
New York, NY 10019

## Meeting Registration

(See Registration Form on reverse side)

Full Registration	Tuition
<input type="checkbox"/> Practicing Physicians .....	\$765
<input type="checkbox"/> Practicing Physicians Combination Rate .....	\$1899
AIMsymposium & VEITHsymposium (Monday to Saturday)	
<input type="checkbox"/> US and Canadian Interventional Radiology Fellows in Training* .....	Complimentary

*\* Fellows tuition provided through an educational grant courtesy of W.L. Gore & Associates, Inc. Letter of verification from Chief of Service must be obtained prior to registration and faxed to (888) 418-7043. The letter must include the start and end dates of your Interventional Radiology fellowship.*

<input type="checkbox"/> Non - US Fellows	<input type="checkbox"/> Residents	<input type="checkbox"/> Nurse Practitioners	
<input type="checkbox"/> Physician Assistants	<input type="checkbox"/> Nurses	<input type="checkbox"/> Technologists .....	\$500
<input type="checkbox"/> Medical Students .....			\$250
Letter of verification from Dean must be obtained and faxed to (888) 418-7043.			
<input type="checkbox"/> Allied Health Care Professionals .....			\$850

## Component Meetings

<input type="checkbox"/> Tuesday Only - Oncology/Embolization .....	\$349
<input type="checkbox"/> Thursday Only - Multidisciplinary Acute Stroke Management .....	\$349

Refund: There is a \$95 cancellation fee if canceled by October 14, 2016. No refunds will be made thereafter.

Online: <http://www.AIMsymposium.org>

Phone: (800) 987-9314, ext. 200 or (718) 549-3140 with your payment information.

Fax: the reverse form with your credit card payment to (888) 418-7043

Mail: this form with your payment to:  
The Cleveland Clinic Educational Foundation  
Attn: AIM 02010553  
P.O. Box 931653  
Cleveland, OH 44193-1082

## Additional Information

AIMsymposium  
4455 Douglas Avenue, Suite 11E  
Riverdale, New York 10471

Phone: (800) 987-9314 or (718) 549-3140

E-mail: [registrar@aimsymposium.org](mailto:registrar@aimsymposium.org) or  
[admin@aimsymposium.org](mailto:admin@aimsymposium.org)

Updates: [www.AIMsymposium.org](http://www.AIMsymposium.org)

# REGISTRATION



- | Full Registration   | Tuition       |
|---|---------------|
| <input type="checkbox"/> Practicing Physicians .....  | \$765         |
| <input type="checkbox"/> Practicing Physicians Combination Rate .....                           | \$1899        |
| AIMsymposium & VEITHsymposium (Monday to Saturday)  |               |
| <input type="checkbox"/> US and Canadian Interventional Radiology<br>Fellows in Training* ..... | Complimentary |

\* Fellows tuition provided through an educational grant courtesy of W.L. Gore & Associates, Inc. Letter of verification from Chief of Service must be obtained prior to registration and faxed to (888) 418-7043. The letter must include the start and end dates of your Interventional Radiology fellowship.

- Non - US Fellows    Residents    Nurse Practitioners  
 Physician Assistants    Nurses    Technologists ..... \$500  
 Medical Students ..... \$250  
Letter of verification from Dean must be obtained and faxed to (888) 418-7043  
 Allied Health Care Professionals ..... \$850

## Component Meetings

- Tuesday Only - Oncology/Embolization ..... \$349  
 Thursday Only - Multidisciplinary Acute  
Stroke Management ..... \$349

First Name: \_\_\_\_\_

Last Name (Surname) \_\_\_\_\_

Degree: \_\_\_\_\_

Specialty: \_\_\_\_\_

Physician    Non-Physician   Cleveland Clinic Employee?    Yes    No

Affiliation: \_\_\_\_\_

Address Type:    Home    Other

Address: \_\_\_\_\_

City: \_\_\_\_\_ State/Province \_\_\_\_\_

Zip Code: \_\_\_\_\_ Country \_\_\_\_\_

E-mail: \_\_\_\_\_  
(A valid registrant's e-mail address is required for confirmation and CME certificate.)

Phone: \_\_\_\_\_ Fax \_\_\_\_\_

## Payment Method

Check: Please make checks payable to the Cleveland Clinic Educational Foundation and mail to:  
The Cleveland Clinic Educational Foundation  
Attn: AIM 02010553  
P.O. Box 931653  
Cleveland, OH 44193-1082

Name on Card: \_\_\_\_\_

Credit Card Number: \_\_\_\_\_

Verification Code: \_\_\_\_\_ Expiration Date \_\_\_\_\_  
(3-4 Digit Code on Credit Card)

Signature: \_\_\_\_\_



Advanced  
Interventional  
Management

## SAVE THE DATE



Monday - Thursday, November 13 - 16, 2017

# 25<sup>th</sup> Symposium on Current Issues and New Techniques in Interventional Radiology and Endovascular Therapy

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**

Sponsored by



**Cleveland Clinic**



**Hilton**

[www.AIMsymposium.org](http://www.AIMsymposium.org)



**THE CLEVELAND CLINIC EDUCATIONAL FOUNDATION**

PO BOX 931653

CLEVELAND, OH 44193-1082

Non-profit Org  
US Postage

**PAID**

White Plains, NY  
Permit No. 7033



**Hilton**

**New York Hilton - Midtown**

Monday - Thursday, November 14 - 17, 2016

**Expanded Sessions On**

- Prostatic Artery Embolization (BPH)
- Renal Denervation
- Pulmonary Emboli
- Venous and Lymphatic Intervention
- Interventional Oncology (IO)
- Hemodialysis Access
- Hands-on Workshops

**SEE INSIDE**

**Multidisciplinary Acute  
Stroke Management Sessions  
Included**



[www.AIMsymposium.org](http://www.AIMsymposium.org)

