14th Annual Pittsburgh Vascular Symposium

Current Vascular Therapies: What Has Changed and What is Still the Gold Standard

August 26-27, 2016

Omni William Penn Hotel
Pittsburgh, Pennsylvania
Overview
This course will provide evaluation and critique of the current and future standards of care in the treatment of the vascular patient with respect to medical management, as well as endovascular and open therapies for the primary care provider, cardiologists, interventionalists, and the vascular surgeon. It continues to focus on new developments in technology, as well as surgical techniques, and will highlight the controversies as well as accepted practices.

Objectives
At the conclusion of the program, attendees should be able to:
> Explain the current standards of care for aortic and peripheral artery disease processes
> Identify and distinguish the various aspects of a modern vascular medical and surgical practice
> Recognize implications of a new era in health care delivery related to vascular pathology
> Delineate the optimal treatment strategies for patients with extremity arterial diseases, aortic aneurysms, thoracic aortic diseases and dissection, carotid artery stenosis, and varicose veins
> Discuss in detail multiple areas of cardiovascular medicine
> Draw informed clinical decisions in cardiovascular medicine
> Forecast and discuss important issues and trends in cardiovascular medicine
> Assess health locally and regionally by evaluating the quality of medical care and disease prevention.

Who Should Attend
This course is designed for primary care providers, cardiologists, interventionalists, vascular surgeons, and other interested health care professionals who provide primary care services.

Continuing Education Credit
The University of Pittsburgh School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. The University of Pittsburgh School of Medicine designates this live activity for a maximum of 9.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Other health care professionals are awarded 0.9 continuing education units (CEUs) which are equal to 9.5 contact hours.

14th Annual Pittsburgh Vascular Symposium
Current Vascular Therapies: What Has Changed and What is Still the Gold Standard

Schedule ~ Friday, August 26, 2016

7:00 am  Continental Breakfast and Registration
7:50 am  Welcome and Opening Remarks
Rabih A. Chaer, MD, MSc

Session I. Vascular Medicine
Moderators: Teresa L. Carman, MD, and Ulka Sachdev, MD

8:00 am  Preoperative Risk Stratification and Optimization of the Vascular Surgery Patient
Teresa L. Carman, MD

8:10 am  Current Strategies to Minimize Contrast Induced Nephropathy: What Works and What Doesn’t
James R. Johnston, MD

8:20 am  Utility of Frailty Assessment in the Preoperative Decision Making for the Vascular Patient
Mohammad Eslami, MD, FACS, FACC

8:30 am  Fibromuscular Dysplasia
Ulka Sachdev, MD

8:40 am  Hypercoagulable State and the Indications for Use of New Anticoagulants
Franklin Bontempo, MD

8:55 am  Case Presentation and Discussion
TBD – Vascular Fellow
**Session II. Cerebrovascular**
Moderators: Brajesh K. Lal, MD, and Michel Makaroun, MD

9:10 am  CREST 2 Trial Update  
Brajesh K. Lal, MD

9:20 am  Impact of Emerging Carotid Artery Stent Technologies on Outcomes  
Brian DeRubertis, MD

9:30 am  Cognitive Outcomes After Carotid Revascularization: How to Assess and How to Guide Patient Selection for CAS vs. CEA  
Brajesh K. Lal, MD

9:40 am  The Interventional Treatment of Acute Stroke  
Tudor G. Jovin, MD

9:50 am  Case Presentation and Discussion  
Richard Begg, MD

10:10 am  Break and Exhibits

**Session III. Aortic**
Moderators: Matthew Eagleton, MD, and Michael J. Singh, MD, FACS, RPVI

10:50 am  Preservation of Pelvic Perfusion During EVAR  
Darren B. Schneider, MD

11:00 am  Technical Aspects of Endovascular Repair of TAAA  
Matthew Eagleton, MD

11:10 am  Open vs. Endovascular Options for Type IV, Pararenal, and Juxtarenal AAA  
Ronald Fairman, MD

11:20 am  Acute Type B Dissection Treatment: Results of the Stable II Trial  
Vincent Riambau, MD, PhD

11:30 am  Update on Ascending Aorta and Aortic Arch Endografting  
Matthew Eagleton, MD

11:40 am  Case Presentation and Discussion  
TBD – Vascular Fellow

12:20 pm  Lunch and Exhibits

**Session IV. Lower Extremity**
Moderators: Brian DeRubertis, MD, and Rabih Chaer, MD

1:40 pm  Femoropopliteal Interventions: Covered vs. Bare Metal Stents: Is It Worth the Cost?  
Darren B. Schneider, MD

1:50 pm  Drug-coated Balloon and Drug-eluting Stents: Are They Worth the Cost?  
Mohammad Eslami, MD, FACS, FACC

2:00 pm  In-stent Restenosis: What is the Best Treatment Strategy?  
Brian DeRubertis, MD

2:10 pm  Duplex-guided Infrainguinal Arterial Balloon Angioplasty and Stenting in Renal Failure Patients  
Enrico Ascher, MD

2:20 pm  Optimal Medical Management for the PAD Patient  
Teresa L. Carman, MD

2:30 pm  Case Presentation and Discussion  
Matthew C. Becker, MD

2:50 pm  Break and Exhibits

**Session V. Dialysis**
Moderators: Steven A. Leers, MD, RVT, and James R. Johnston, MD

3:20 pm  Fistula First Initiative: Does It Need to be Revisited?  
James R. Johnston, MD

3:30 pm  Advances in the Medical Management of the Dialysis Patient: What Has Made a Difference?  
Teresa L. Carman, MD
10:25 – 11:45 am

**Vein Techniques**

10:25 am  
**Thermal Ablation of Saphenous Veins**  
*Timothy Wu, MD*

10:33 am  
**VenaSeal™ (Short Video)**  
*Ulka Sachdev, MD*

10:41 am  
**ClariVein® (Short Video)**  
*Eric S. Hager, MD*

10:49 am  
**FDA-Approved Foam (BTG Varithena): Indications and Data Review**  
*Michael J. Singh, MD, FACS, RPVI*

10:57 am  
**3-minute Case Example with 10-minute Panel Discussion**

11:00 am  
**Avoiding and Treating Post-Procedure Complications: EHIT, DVT, Ulceration, and Staining**  
*Natalie Marks, MD, RVT, RPVI*

11:17 am  
**Sclerotherapy: Indications for Simple and Foam: Available Options**  
*Ellen D. Dillavou, MD, FACS*

11:24 am  
**Concomitant vs. Staged Ablation and Phlebectomy**  
*Michael J. Singh, MD, FACS, RPVI*

11:31 am  
**Ablation of Incompetent Perforating Veins: How, When, Why?**  
*Robert Tahara, MD*

11:38 am  
**Questions for Moderators**

11:42 am  
**Closing Remarks**  
*Eric S. Hager, MD*

11:55 am  
**Conference Adjournment**

---

**Course Co-Directors**

**Rabih A. Chaer, MD, MSc**  
Residency and Fellowship Program Director  
Division of Vascular Surgery

**Michael J. Singh, MD, FACS, RPVI**  
Associate Professor of Surgery  
Division of Vascular Surgery

**Associate Course Directors**

**Eric S. Hager, MD**  
Assistant Professor of Surgery  
Division of Vascular Surgery

**Ulka Sachdev, MD**  
Associate Professor of Surgery  
Division of Vascular Surgery

---

**Guest Faculty**

**Enrico Ascher, MD**  
Founder & Director, Vascular Institute of New York  
Chief of Vascular Surgery, Lutheran Medical Center  
Brooklyn, NY

**Teresa L. Carman, MD**  
Director, Vascular Medicine  
University Hospitals Case Medical Center  
Cleveland, OH

**Brian DeRubertis, MD**  
Associate Professor of Surgery  
Division of Vascular & Endovascular Surgery  
David Geffen School of Medicine at UCLA  
Los Angeles, CA

**Ellen D. Dillavou, MD, FACS**  
Associate Professor, Vascular Surgery  
Duke University Medical Center  
Durham, NC

**Matthew Eagleton, MD**  
Associate Professor  
Vice-Chairman, Research and Education  
Department of Vascular Surgery  
Cleveland Clinic  
Cleveland, OH

**Ronald M. Fairman, MD**  
President-Elect, Society for Vascular Surgery  
Chief, Division of Vascular Surgery & Endovascular Therapy  
Professor of Surgery, Radiology  
Hospital of the University of Pennsylvania  
Philadelphia, PA

---

*The conference program is subject to changes.*
Brajesh K. Lal, MD  
Professor of Surgery  
Cardiovascular Care (Heart) Surgical Services  
Vascular Surgery  
University of Maryland Medical Center  
Baltimore, MD

Natalie Marks, MD, RVT, RPVI  
Vascular Institute of New York  
Brooklyn, NY

Vincent Riambau, MD, PhD  
Professor and Chief  
Vascular Surgery Division, Thorax Institute Hospital  
Hospital Clinic, University of Barcelona  
Barcelona, Spain

Darren B. Schneider, MD  
Associate Professor of Surgery  
Weill Cornell Medicine  
Chief, Division of Vascular & Endovascular Surgery  
New York-Presbyterian/Weill Cornell Medicine  
New York, NY

Timothy Wu, MD  
Assistant Professor of Surgery  
Rutgers University  
New Jersey Medical School  
Division of Vascular Surgery  
Newark, NJ

Local Faculty

Efthymios Averinos, MD  
Assistant Professor of Surgery  
Division of Vascular Surgery

Matthew C. Becker, MD, FACC, FSCAI, FSVM  
St. Vincent Heart and Vascular Institute  
Department of Structural Heart Disease, Coronary and Peripheral Intervention  
Erie, PA

Richard Begg, MD  
Heritage Valley Health System  
Beaver, PA

Julie Bitner, PA-C  
Division of Vascular Surgery

Franklin A. Bontempo, MD  
Associate Professor of Medicine  
Division of Hematology/Oncology  
Medical Director, Coagulation Laboratory, Institute for Transfusion Medicine  
Associate Director, Hemophilia Center of Western Pennsylvania

Mohammad Eslami, MD, FACS, FACC  
Visiting Professor of Surgery  
Division of Vascular Surgery

James R. Johnston, MD  
Professor of Medicine  
Director, Renal Fellowship Program  
Clinical Director, Renal-Electrolyte Division  
Director, Academy of Master Educators

Tudor G. Jovin, MD  
Professor Neurology and Neurosurgery  
Director, UPMC Stroke Institute  
Director, UPMC Center for Neuroendovascular Therapy  
Immediate Past President, Society of Vascular and Interventional Neurology (SVIN)

Megan Laughlin, CRNP  
Division of Vascular Surgery

Steven A. Leers, MD, RVT  
Medical Director, UPMC Vascular Laboratories  
Associate Professor of Surgery  
Division of Vascular Surgery

Michel S. Makaroun, MD  
Co-Director, UPMC Heart and Vascular Institute  
Professor and Chair  
Division of Vascular Surgery

Philip D. Orons, DO, FAOCR  
Professor of Radiology  
Chief of Interventional Radiology  
UPMC

Robert Tahara, MD  
Attending Surgeon in Vascular Surgery, Bradford Regional Medical Center  
Director, Allegheny Vein & Vascular Bradford, PA

Dawn Wang, MD  
Division of Plastic and Reconstructive Surgery

Theodore Yuo, MD  
Assistant Professor of Surgery  
Division of Vascular Surgery

Faculty members are affiliated with the University of Pittsburgh School of Medicine and/or UPMC and reside in the Pittsburgh, PA area unless otherwise identified.

All individuals in a position to control the content of this education activity are required to disclose all relevant financial relationships with any proprietary entity producing, marketing, re-selling, or distributing health care goods or services, used on, or consumed by, patients.
Registration Information

Pre-Register — All pre-registrations are due by August 21, 2016. Registrations after this date are accepted only as on-site registrations. Registering online is the quickest and easiest way to reserve your space.

Please visit our online registration site at https://ccehs.upmc.com. Once you are there, click on Upcoming Events, scroll down to the event link for Aug. 26, 2016 – 14th Annual Pittsburgh Vascular Symposium, and proceed with registration as appropriate.

After registering, an electronic confirmation will be sent to the email address you provided when you registered.

Paper Registrations by Fax or Mail — Please contact Elicia Parkinson at 412-802-3034 if you are unable to register online and require the use of a paper registration form. UPMC employees whose registration fee will be remitted via journal transfer should request the paper registration form.

On-site Registrations — As of August 22, 2016, all registrations for this course are accepted only as on-site registrations.

A confirmation letter will be faxed, mailed, or emailed if registration is completed through the mail, or by fax or email by the registration deadline.

If you register online, you will receive an immediate email confirmation message. Please note: Registration is not complete until you receive this confirmation. If you do not receive this letter within 5-7 days of registration, please contact us at 412-802-3034. You must bring this confirmation with you to the conference.

Cancellation — All cancellations must be in writing, via U.S. mail, email, or fax. Tuition for cancellations postmarked or date stamped on or before August 21, 2016, will be completely refunded. After August 21, 2016, a $35 administrative fee will be assessed. No refunds will be made after August 23, 2016.

Cancellation requests can be made to:
Elicia Parkinson
UPMC Heart and Vascular Institute
Division of Vascular Surgery
UPMC Presbyterian, Suite A-1017
200 Lothrop Street
Pittsburgh, PA 15213-2582
Phone: 412-802-3034
Fax: 412-291-1669
Email: parkinsonea@upmc.edu

The UPMC Center for Continuing Education reserves the right to cancel this program if sufficient registrations are not received. In the case of cancellation, the department will fully refund registration fees.

Registration Fees (Pre-Register)
Physician Fee: $150
Residents and Fellows: $50
Nurses, PAs, and other health care professionals: $75

Registration Fees (On-site)
Physician Fee: $175
Residents and Fellows: $50
Nurses, PAs, and other health care professionals: $100

Registration fee includes:
• Continuing education credit
• Registration and course materials
• Continental breakfast, refreshments and lunch

For additional information, contact:
Elicia Parkinson
Co-Coordinator
14th Annual Pittsburgh Vascular Symposium
Phone: 412-802-3034
Fax: 412-291-1669
Email: parkinsonea@upmc.edu

Visit the UPMC Heart and Vascular Institute Web Site
The UPMC Heart and Vascular Institute invites you to visit our website at UPMC.com/HVI. Learn more about us and receive information about the conditions we treat, treatment options, specialty programs, services, research and education, our experts, patient stories, and locations.

The University of Pittsburgh is an affirmative action, equal opportunity institution.
Meeting Location and Accommodations

The conference will be held in the **Omni William Penn Hotel**, located at 530 William Penn Place, Pittsburgh, PA 15219. The conference has contracted a limited number of hotel rooms at the Omni William Penn for conference attendees. You may book a room by calling the hotel at **888-444-OMNI (6664)** or **412-281-7100** and asking for the **UPMC Pittsburgh Vascular Symposium Room Block** in order to receive our reduced rates. The special reduced rate is $189 plus tax per night. These accommodations are not included in the registration fee. If you experience any problems booking your room, please telephone Elicia Parkinson at 412-802-3034. Room availability cannot be guaranteed beyond the block or the contracted end date of **5:00 pm on August 4, 2016**.

Parking

Parking is on your own and facilities are available across the street from and below the Omni William Penn Hotel.

Special Needs

Participation by all individuals is encouraged. Advance notification of any special needs will help us provide better service. Please notify us of your needs at least two weeks in advance of the program by calling **412-802-3034**.

Visit the UPMC Center for Continuing Education in the Health Sciences Web Site

The UPMC Center for Continuing Education in the Health Sciences invites you to visit our website at [https://ccels.upmc.com](https://ccels.upmc.com). Receive information on CME programs, earn CME credits on the Internet, and access information about our formal courses and much more. Discover who we are and how you can contact us. Please visit our web location often to get updated information on upcoming programs.