

2024 Pittsburgh Vascular Symposium Comprehensive Vascular Care

May 16-18, 2024

Fairmont Pittsburgh Downtown
510 Market St. | Pittsburgh, Pennsylvania



SPONSORED BY

University of Pittsburgh School of Medicine
Center for Continuing Education in the Health Sciences
UPMC Heart and Vascular Institute

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VASCULAR INSTITUTE

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OVERVIEW

The 21st annual Pittsburgh Vascular Symposium will provide evaluation and critique of the current standards of care and future directions in the treatment of the vascular patient with respect to medical management, endovascular, and open therapies. Focusing on both evidence-based medicine, as well as new innovations, the symposium is designed for primary care providers, cardiologists, interventionalists, and vascular surgeons caring for patients with arterial and venous disease in academic and community settings.

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.

LEARNING OBJECTIVES

- Explain the current evidence base and emerging trends for management of arterial and venous pathology.
- Recognize implications of cross-specialty/multidisciplinary care in vascular surgery.
- Delineate the optimal treatment strategies for patients with extremity arterial diseases, aortic aneurysms, thoracic aortic pathology, carotid artery stenosis, and varicose veins.
- Recognize and discuss important issues regarding congenital and genetic vascular diseases.



CONTINUING EDUCATION CREDITS

In support of improving patient care, the University of Pittsburgh is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the health care team.

Physician (CME)

The University of Pittsburgh designates this live activity for a maximum of 15.75 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Other health care professionals will receive a certificate of attendance confirming the number of contact hours commensurate with the extent of participation in this activity.

WIRELESS INTERNET CONNECTION INFORMATION

For complimentary wireless internet access during the meeting, attendees should use the **Fairmont Meeting** wireless network and use the access code **UPMC2024** when prompted.

LOCATION AND ACCOMMODATIONS

The conference will be held in the Grand Ballroom on the second floor of the **Fairmont Pittsburgh Hotel**, located at 510 Market St., Pittsburgh, PA 15222.

PARKING

Parking is on your own, and facilities are available across the street from the Fairmont Pittsburgh 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 emailing **titchworthjs@upmc.edu**.

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THURSDAY, MAY 16, 2024

9 a.m. **Continental Breakfast and Registration**

9:55 a.m. **Opening Remarks**
Natalie Sridharan, MD, MS, FACS, RPVI

Session I: Vascular Care Better Together

Moderators: *John Hornick, MD and Natalie Sridharan, MD*

10 a.m. **Nutrition: Do food deserts impact vascular patients?**
Melissa Pearson, CRNP

10:08 a.m. **Smoking cessation options: Tapping into resources for long-term success**
Antoine Douaihy, MD

10:16 a.m. **The opioid epidemic and modern management of post-operative pain**
Kristin M. Ondecko Ligda, MD, FASA

10:24 a.m. **The role of palliative care in co-managing chronic vascular disease**
Alicia Topoll, MD

10:32 a.m. **Renal denervation to treat hypertension: Magical thinking or evidence based?**
John Pacella, MD

10:40 a.m. **Getting supervised exercise therapy to the patients**
Jonathan Ledyard, MD, RCEP

10:48 a.m. **Amputation adjuncts: Target muscle reinnervation and more**
Brodie Parent, MD

10:56 a.m. **The podiatry perspective on PAD: Collaboration is key**
Jeffrey M. Manway, DPM

11:04 a.m. **Why can't they access the fistula? How to successfully work with the dialysis center**
Theodore Yuo, MD

11:12 a.m. **Advances in AI and cardiovascular radiology: Getting beyond the images**
Jean-Michel Bartoli, MD

11:20 a.m. **Panel Discussion**

11:30 a.m. **Special Presentation: Racial inequities vascular disease: How can we move beyond identification of disparities to addressing them**
Olamide Alabi, MD, RPVI

Noon **Lunch and Exhibits**

Session II: Carotid/Upper Extremity

Moderators: *Ali F. AbuRahma, MD, Edith Tzeng, MD, and Anthony Lewis, MD*

1 p.m. **SVS carotid guidelines: Highlights you need to know**
Ali F. AbuRahma, MD

1:08 p.m. **Conduits, lithotripsy, and other adjuncts for TCAR: Is there any anatomy unsuitable for TCAR?**
Michael C. Stoner, MD

1:16 p.m. **Managing and preventing acute complications with TCAR: Dissection, stent thrombosis, etc.**
Anthony Lewis, MD

1:24 p.m. **What's new in acute stroke management?**
Bradley Gross, MD

1:32 p.m. **Cerebral hypoperfusion – Work up and approach to treatment**
Edith Tzeng, MD

1:40 p.m. **Timing of carotid interventions related to symptoms**
Ian Loftus, MD

1:48 p.m. **CMS approval of TFCAS for low-risk patients: Implications for vascular surgeons?**
Ali F. AbuRahma, MD

1:54 p.m. **Panel Discussion**

2:14 p.m. **Case Presentation and Discussion**
Natalie Eisert, MD

2:30 p.m. **Break, Exhibits, and Simulation Time**

3 p.m. **Special Lecture: The business of being a vascular surgeon**
Sunita Srivastava, MD



THURSDAY, MAY 16, 2024 (cont'd)

Session III: Venous

Moderators: *Karem Harth, MD, MHS, Eric S. Hager, MD, and David Dexter, MD*

- 3:30 p.m. **Contemporary perspectives to pelvic venous disease**
Karem Harth, MD, MHS
- 3:38 p.m. **Venous stents: Strength, weaknesses, and future solutions**
Ryan M. McEnaney, MD
- 3:46 p.m. **Approach to the venous ulcer patient with superficial and deep venous disease**
Catherine C. Go, MD
- 3:54 p.m. **The future of superficial venous disease: From minimally invasive to noninvasive**
Eric S. Hager, MD
- 4:02 p.m. **Advanced techniques for crossing chronic venous obstruction**
Karem Harth, MD, MHS
- 4:10 p.m. **DVT thrombectomy: Sorting through the options/Is all clot removal the same?**
David Dexter, MD
- 4:18 p.m. **The state of evidence for PE intervention**
Patrick E. Muck, MD, FACS
- 4:26 p.m. **Panel Discussion**
- 4:46 p.m. **Case Presentation and Discussion**
Robert Tahara, MD
- 5 p.m. **Thursday Adjournment**
Natalie Sridharan, MD, MS, FACS, RPVI
- 5 p.m. **Cocktail Reception and Poster Presentations in Ballroom Foyer**
Meet the Professors/Case Presentations by Fellows
- 7 p.m. **Dinner for U.S. and International Faculty**
- 7 p.m. **Resident and Fellows Outing**

FRIDAY, MAY 17, 2024

7 a.m. **Continental Breakfast and Registration**

7:55 a.m. **Opening Remarks**
Natalie Sridharan, MD, MS, FACS, RPVI

Session IV: Aorta

Moderators: *Sunita Srivastava, MD, Mark A. Farber, MD, Nathan Liang, MD*

- 8 a.m. **Endoanchors: With all the other options, what role do they play?**
Michael J. Singh, MD, FACS, RPVI
- 8:08 a.m. **AAA repair with visceral vessel disease: When and how to address simultaneously**
Georges E. Al-Khoury, MD
- 8:16 a.m. **Pre-empting type II endoleak: Is there a role for sac embolization?**
Sung Yang, MD
- 8:24 a.m. **Beyond size: Predicting aneurysm rupture**
David Vorp, PhD
- 8:32 a.m. **Navigating aortic repairs without flouro**
Matthew J. Eagleton, MD
- 8:40 a.m. **Partial explant of the failing EVAR: When and how can it be done successfully**
Sunita Srivastava, MD
- 8:48 a.m. **F/BEVAR: Stent choices to improve durability**
Mark A. Farber, MD
- 8:56 a.m. **Rupture protocols: Do they improve outcomes?**
Nathan Liang, MD
- 9:04 a.m. **Panel Discussion**
- 9:19 a.m. **Case Presentation and Discussion**
Rohan Kulkarni, MD
- 9:30 a.m. **Break, Exhibits, and Simulation Time**



FRIDAY, MAY 17, 2024 (cont'd)

Session V: PAD I/Mesenteric

Moderators: *Michael C. Stoner, MD and Ulka Sachdev, MD*

- 10 a.m. **Technical tips for complex SMA recanalization and stenting**
Michael C. Stoner, MD
- 10:08 a.m. **Fem-pop bypass without shutdown and without suture**
Philippe Piquet, MD
- 10:16 a.m. **Visceral aneurysms: When is open repair still necessary?**
Rabih Chaer, MD
- 10:24 a.m. **DEBATE: We intervene too much in claudication/The case for conservatism**
Jessica P. Simons, MD, MPH
- 10:32 a.m. **DEBATE: We intervene too much in claudication/The case for liberalism**
Ulka Sachdev, MD
- 10:40 a.m. **Is there an endovascular solution for all aortoiliac disease?**
Lindsey Haga, MD
- 10:48 a.m. **PAD in young patients: Approach considerations**
William Robinson, MD
- 10:54 a.m. **Panel Discussion**
- 11:14 a.m. **Case Presentation and Discussion**
Katherine Reitz, MD
- 11:30 a.m. **Special Lecture: Tibial disease - Challenges of the past, present, future**
Brian G. DeRubertis, MD, FACS
- Noon **Lunch and Exhibits**

Session VI: PAD II and Limb Ischemia

Moderators: *William Robinson, MD, Brian G. DeRubertis, MD, FACS, and Raymond E. Eid, MDH*

- 1 p.m. **Is there enough blood flow to heal the wound? Ideal noninvasive assessment of patients with wounds**
Steven A. Leers, MDA
- 1:08 p.m. **Limb salvage programs work: How to start yours**
Olamide Alabi, MD, RPVI
- 1:16 p.m. **How has my practice changed since BEST-CLI?**
William Robinson, MD
- 1:24 p.m. **Acute limb ischemia: Endovascular approaches are now first line**
Jean Bismuth, MD
- 1:32 p.m. **Peripheral IVUS: Can it improve outcomes of endovascular interventions?**
Satish C. Muluk, MD
- 1:40 p.m. **Drug-elution: Sorting through the technology to provide improved patency**
Brian G. DeRubertis, MD, FACS
- 1:48 p.m. **Pedal and radial access: Can we avoid the groin entirely?**
Raymond E. Eid, MD
- 1:54 p.m. **Panel Discussion**
- 2:14 p.m. **Case Presentation and Discussion**
Elizabeth Andraska, MD
- 2:30 p.m. **Break and Exhibits**
- 3 p.m. **Keynote Lecture: Overcoming challenges to improve outcomes in Type B aortic dissection**
Ian Loftus, MD



FRIDAY, MAY 17, 2024 (cont'd)

Session VII: Arch/Thoracic

Moderators: *Michael J. Singh, MD, MBA, FACS, DFSVS, RPVI, Matthew J. Eagleton, MD, and Jessica P. Simons, MD, MPH*

3:30 p.m. **Modern management of the LSCA in TEVAR**
Mark A. Farber, MD

3:38 p.m. **IMH: Does management differ from dissection**
Jean Bismuth, MD

3:46 p.m. **BTAI: The current classification system is lacking**
Michael C. Madigan, MD

3:54 p.m. **Minimizing pelvic and lower extremity ischemia during complex endovascular aortic cases**
Jessica P. Simons, MD, MPH

4:02 p.m. **Strategies to deal with visceral malperfusion in TBAD**
Matthew J. Eagleton, MD

4:10 p.m. **Modern medical management and surveillance of aortopathies**
Arvind Hoskoppal, MD, MHS

4:18 p.m. **Minimizing stroke in arch TEVAR**
Derek Serna-Gallegos, MD

4:26 p.m. **Panel Discussion**

4:46 p.m. **Case Presentation and Discussion**
Adham Abou Ali, MD

5 p.m. **Friday Adjournment**
Natalie Sridharan, MD, MS, FACS, RPVI

SATURDAY, MAY 18, 2024

7 a.m. **Continental Breakfast and Registration**

7:55 a.m. **Opening Remarks**
Natalie Sridharan, MD, MS, FACS, RPVI

Session VIII: My Worst Case: What Would You Do?

Moderators: *Michel S. Makaroun, MD, and Rabih Chaer, MD, MS*

8 a.m. **Unique and Challenging Case**
Mark A. Farber, MD

8:15 a.m. **Unique and Challenging Case**
Jean Bismuth, MD

8:30 a.m. **Unique and Challenging Case**
Jessica P. Simons, MD, MPH

8:45 a.m. **Unique and Challenging Case**
Brian G. DeRubertis, MD, FACS

9 a.m. **Unique and Challenging Case**
Sunita Srivastava, MD

9:15 a.m. **Unique and Challenging Case**
Michael C. Stoner, MD

9:30 a.m. **Break and Exhibits**

Session IX: Vascular Lab

Moderators: *Steven A. Leers, MD and Frank Miele, MSEE*

10 a.m. **Physics I**
Frank Miele, MSEE

10:15 a.m. **Venous reflux**
Karem Harth, MD, MHS

10:25 a.m. **Non-invasive thoracic outlet evaluation**
Michael J. Singh, MD, FACS, RPVI

10:35 a.m. **Aortic duplex after EVAR/F/BEVAR**
Ryan M. McEnaney, MD

10:45 a.m. **Physics II**
Frank Miele, MSEE



SATURDAY, MAY 18, 2024 (cont'd)

- 11 a.m. **Pedal acceleration time in PAD evaluation**
Michael C. Madigan, MD
- 11:10 a.m. **Carotid duplex interesting findings**
Steven A. Leers, M
- 11:20 a.m. **Dialysis associated steal syndrome**
Amy Steinmetz
- 11:30 a.m. **Conference Adjournment**

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ACKNOWLEDGEMENT OF COMMERCIAL SUPPORT

We gratefully acknowledge the following for their generous support.

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All of the relevant financial relationships for the individuals listed below have been mitigate.

- **Rabih Chaer, MD**, is a speaker for Boston Scientific.
- **Bradley A. Gross, MD**, is a consultant for Medtronic, Microvention, and Stryker.
- **Ian Loftus, MD**, is a consultant for Medtronic.
- **Michel Makaroun, MD**, receives grant/research support from Medtronic, W.L. Gore & Associates, and Cordis. He is also a consultant for Medtronic, W.L. Gore & Associates, and Cordis.
- **Suresh Mulukutla, MD**, receives grant/research support from Boston Scientific and Amgen. He is also a consultant for CardioAlliance and Medtronic.
- **Robert Tahara, MD**, is a consultant for Phillips.
- **Theodore Yuo, MD**, receives grant/research support from Becton Dickinson and Merit Medical and is a consultant for Merit Medical, Gore & Associates, and Medtronic.

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