

## UPMC CHANGING MEDICINE

# 2 0 2 1 Pittsburgh Vascular Symposium

#### SPONSORED BY

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

#### **COURSE CO-DIRECTORS**

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UPMC Heart & Vascular Institute
Pittsburgh, PA

October 28-30, 2021

Fairmont Pittsburgh Downtown

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 healthcare professionals who provide primary care services.

#### ACCREDITATION AND CREDIT DESIGNATION

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 16.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Nursing (CNE)** — The maximum number of hours awarded for this Continuing Nursing Education activity is **16.0** contact hours.

Other Health Care Professionals — 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 **UPMC2021** 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 Street, 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 **byrneme@upmc.edu**.

### VISIT THE UPMC HEART AND VASCULAR INSTITUTE WEBSITE

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.



#### 2021

#### Pittsburgh Vascular Symposium

#### SCIENTIFIC PROGRAM AGENDA:

#### THURSDAY, OCTOBER 28, 2021

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9:15 am	Registration & Exhibits
10:00 am	Welcome Remarks Michael J. Singh, MD, FACS, RPVI Georges Al-Khoury, MD Ulka Sachdev, MD
Moderators.	APP and Nursing Session : Maryanne Henderson, DO and Anderson, CRNP
10:10 am	<b>Medical management of PVD</b> Christine Pellegrini, CRNP
10:20 am	Nutrition support of the vascular patient: Pre- and post-operatively Emily Stasko, RD, LDN, and Melissa Pearson, CRNP
10:30 am	<b>Algorhythmic approach to lower extremity wounds</b> Kathryn Reiter, PA-C
10:40 am	Varicose veins: What to treat and how Julie Bitner, PA-C
10:50 am	Discussion
11:00 am	Collaborative care of the amputee Maryanne Henderson, DO, Lisa Franz, MPT, and Lauren Tankesley, PA-C
11:25 am	Devices for lower extremity off-loading: Foam, shoes, and braces Kimberly G. Anderson, CRNP
11:35 am	Lower extremity compression: Standard and novel approaches Elizabeth Zinn, PA-C
11:45 am	Lunch & Exhibits

#### **Session II: Lower Extremity Arterial Disease**

Moderators: Kwame S. Amankwah, MD, Georges Al-Khoury, MD, and

Ulka Sachdev, MD		
1:00 pm	Covered or bare metal stenting for aortoiliac disease? Evidence and current updates Elizabeth Genovese, MD, MS	
1:10 pm	Is femoral endarterectomy still the gold standard for common femoral occlusive disease? Catherine Go, MD	
1:20 pm	Ballooning, stenting, or bypassing popliteal occlusions? Raymond E. Eid, MD	
1:30 pm	Current status of lithotripsy in SFA lesions: Does it make a difference? Misaki M. Kiguchi, MD	
1:40 pm	Management of femoropopliteal dissection: Update on TACK endovascular system Kwame S. Amankwah, MD, MSc, FACS, FSVS, RPVI	
1:50 pm	<b>Atherectomy outcomes</b> Richard E. Redlinger Jr., MD, RPVI, FSVS	
2:00 pm	<b>Case Presentation and Discussion</b> Kathy Gonzalez, MD	
2:30 pm	Break and Exhibits	
Session III: Venous Disease Moderators: Eric S. Hager, MD, Ellen D. Dillavou, MD, FACS, and Misaki M. Kiguchi, MD		
3:00 pm	How my practice has changed since the introduction of non-thermal techniques for GSV ablation Eric S. Hager, MD	
3:10 pm	Venous ulceration: Ablate the superficial reflux early but don't neglect deep reflux or obstruction Ellen D. Dillavou, MD, FACS	
3:20 pm	What you should know about the novel dedicated venous stents Natalie D. Sridharan, MD	
3:30 pm	<b>Infrared thermography and venous disease</b> Karim Salem, MD	
3:40 pm	<b>PE intervention: Current role and novel techniques</b> Misaki M. Kiguchi, MD	
3:50 pm	Team approach to PE management: Have PERTs	

improved outcomes?

4:35 pm **Thursday Adjournment** Georges Al-Khoury, MD

12:55 pm **Opening Remarks** 

Ulka Sachdev, MD

Michael J. Singh, MD, FACS, RPVI

Efthymios "Makis" Avgerinos, MD, FACS, FEBVS

#### October 28, 2021 — Continued

4:45 pm **Cocktail Reception for Vendors and Conference** Attendees in Ballroom Foyer 6:30 pm Dinner for U.S. and International Faculty Eddie Merlot's Pittsburgh Four Gateway Center (Corner of Liberty Ave. and Stanwix St.) 444 Liberty Avenue, Suite #100 Pittsburgh, Pennsylvania 15222 Phone: 412-235-7676

procedure: CEA vs CAS vs TCAR

**Case Presentation and Discussion** 

Othman Abdul-Malak, MD

**Urgent CEA timing and patient selection** 

Stroke intervention: Advanced techniques and

Brajesh K. Lal, MD

standards of care

Bradley Gross, MD

**Break & Exhibits** 

Michael C. Madigan, MD

8:35 am

8:45 am

8:55 am

9:15 am

		10:15 am	<b>Blunt aortic injuries: TEVAR indications and outcomes</b> Kristofer M. Charlton-Ouw, MD, FACS
FRIDAY	7, OCTOBER 29, 2021	10:25 am	Acute type-B aortic dissection: Optimal timing of repair W. Darrin Clouse, MD
7:00 am Continental Breakfast and Registration 7:40 am Opening Remarks Michael J. Singh, MD, FACS, RPVI Georges Al-Khoury, MD  Session IV: Carotids		10:35 am 10:45 am	Chronic type-B dissections: Endovascular treatment options Jean M. Panneton, MD, FRCSC, FACS  TAAA endovascular treatment: TAMBE results Nathan Liang, MD
	s: Brajesh K. Lal, MD, Edith Tzeng, MD, and Stoner, MD	10:55 am	Case Presentation and Discussion Amanda R. Phillips, MD
7:45 am	Best medical treatment for CAD: Can plaques stabilize or even shrink? Efthymios "Makis" Avgerinos, MD, FACS, FEBVS	11:15 am Keynote Lecture: Endovascular treatment of failed EVAR with F/BEVAR Darren B. Schneider, MD	
7:55 am	Cognitive decline in asymptomatic carotid disease: Can intervention prevent the inevitable? Brajesh K. Lal, MD	Chief, Division of Vascular Surgery and Endovascular Therapy Perelman School of Medicine, University of Pennsylvania The Hospital of the University of Pennsylvania	
8:05 am	Asymptomatic near occlusion of internal carotid artery: Do I have to intervene?  Edith Tzeng, MD		Philadelphia, PA
8:15 am TCAR update: Evidence, patient selection, and technical pearls Michael C. Stoner, MD		Moderator.	Lunch & Exhibits //: Critical Limb Ischemia s: Elizabeth Genovese, MD, MS, Georges Al-Khoury, MD,
8:25 am	How do I choose the right patient for the right	and Steven A. Leers, MD, RVT, RPVI, FSVU	

**Session V: Thoracic Aorta** 

9:55 am

10:05 am

MD, FRCSC, FACS, and W. Darrin Clouse, MD

W. Darrin Clouse, MD

Moderators: Michael J. Singh, MD, FACS, RPVI, Jean M. Panneton,

open, hybrid, or endovascular

Michael J. Singh, MD, FACS, RPVI

Jean M. Panneton, MD, FRCSC, FACS

Arch aneurysms: Choosing the right treatment -

Arch thoracic branch devices: Mid-term results

Off the shelf thoracoabdominal branch devices

Limb salvage in ESRD patients: Is it worth the effort?

Drug elution: When is it indicated in CLI patients?

Kwame S. Amankwah, MD, MSc, FACS, FSVS, RPVI

Endovascular first approach for CLI: Does it burn

Tibial interventions: Is there a role for stenting?

conduits in the absence of single segment GSV?

Tibial and pedal bypass: Is there a role for alternative

Steven A. Leers, MD, RVT, RPVI, FSVU

Lindsey Haga, MD

1:00 pm

1:10 pm

1:20 pm

1:30 pm

1:40 pm

any bridges?

Elizabeth Genovese, MD, MS

Rabih A. Chaer, MD, MSc

#### October 29, 2021 — Continued

1:50 pm	<b>Building a multidisciplinary limb salvage program</b> Georges Al-Khoury, MD	
2:00 pm	Case Presentation and Discussion Mirnal Chaudhary, MD	
2:20 pm	Break & Exhibits	
Moderator	VII: Abdominal Aorta rs: Mohammad H. Eslami, MD, W. Darrin Clouse, MD, and Schneider, MD	
2:50 pm	Aortic neck dilation following EVAR: When is it a concern? Michael C. Stoner, MD	
3:00 pm	<b>Type IA endoleaks: Endovascular options</b> Darren B. Schneider, MD	
3:10 pm	<b>Type IA endoleaks: Open repair options</b> Kristofer M. Charlton-Ouw, MD, FACS	
3:20 pm	Infected endografts: Treatment options and outcomes Mohammad H. Eslami, MD	
3:30 pm	<b>TEVAR and EVAR: The role for IVUS imaging</b> Fanny S. Alie-Cusson, MD, FRCSC, RPVI	
3:40 pm	<b>Durability and fallibility of internal iliac branch devices</b> Darren B. Schneider, MD	
3:50 pm	Case Presentation and Discussion Elizabeth Andraska, MD	
Session VIII: Dialysis Access Moderators: Ellen D. Dillavou, MD, FACS and Theodore H. Yuo, MD, MSc		
4:10 pm	<b>Novel AVG: Advantages and disadvantages</b> Theodore H. Yuo, MD, MSc	
4:20 pm	<b>Vein mapping for dialysis access: Do we need it?</b> Ryan McEnaney, MD	
4:30 pm	Management options for central venous stenosis and occlusion Ellen D. Dillavou, MD, FACS	
4:40 pm	Percutaneous AVF: Why, when, who? Theodore H. Yuo, MD, MSc	
4:50 pm	<b>Peritoneal dialysis</b> Ulka Sachdev, MD	
5:00 pm	Case Presentation and Discussion Mitchell Dyer, MD	
5:20 pm	<b>Friday Adjournment</b> Ulka Sachdev, MD	
7:00 pm	Dinner for U.S. and International Faculty Hyde Park Prime Steakhouse 247 North Shore Drive Pittsburgh, PA 15212 Phone: 412-222-4014	

#### SATURDAY, OCTOBER 30, 2021

7:15 am	Continental Breakfast and Registration
8:00 am	<b>RPVI Review Course — Welcome and Opening Remarks</b> Steven A. Leers, MD, RVT, RPVI, FSVU
8:10 am	Physics I Frank Miele, MSEE
8:30 am	<b>Transducers and flow direction</b> Hanna Kruk
8:40 am	<b>Cerebrovascular testing</b> Heather L. Gornik, MD, RVT, RPVI
9:00 am	<b>Waveform bootcamp</b> Steven A. Leers, MD, RVT, RPVI, FSVU and Heather L. Gornik, MD, RVT, RPVI
9:15 am	<b>Venous: DVT and reflux testing</b> Amanda Grealish
9:30 am	Refreshment Break
9:50 am	Physics II Frank Miele, MSEE
10:10 am	PAD testing: Physiologic and duplex Amy L. Steinmetz, RDMS, RVT
10:30 am	PAD testing: Case studies Heather L. Gornik, MD, RVT, RPVI and Amy L. Steinmetz, RDMS, RVT
10:50 am	Visceral testing Steven A. Leers, MD, RVT, RPVI, FSVU
11:10 am	<b>Surveillance after intervention</b> Heather L. Gornik, MD, RVT, RPVI
11:30 am	Post-EVAR duplex Amanda Grealish
11:50 am	Panel discussion and questions Moderator: Steven A. Leers, MD, RVT, RPVI, FSVU
Noon	Conference Adjournment

#### **FACULTY**

#### **U.S. GUEST FACULTY**

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#### Elizabeth Zinn, PA-C

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Local 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.

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All individuals in a position to control the content of this education activity including members of the planning committee, speakers, presenters, authors, and/or content reviewers have disclosed 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.

The following relevant financial relationships were disclosed:

Kristofer M. Charlton-Ouw, MD, FACS is a consultant with W.L. Gore and Associates. Inc. and Medtronic. Inc.

Ellen D. Dillavou, MD, FACS is a consultant with WL Gore, Angiodynamics, 3M/KCl, and Inari. Dr. Dillavou also sits on the Scientific Advisory Board for Boston Scientific and the Board of Directors for IAC.

**Elizabeth Genovese, MD, MS** is a consultant with Penumbra, Cook Medical, and Philips.

Heather L. Gornik, MD is a board member for IAC Vascular Testing.

Bradley Gross, MD is a consultant with Medtronic, Inc. and Microvention.

**Misaki M. Kiguchi, MD** participates on the CE Speakers' Bureau for Medtronic, Inc.

Michel S. Makaroun, MD receives grant/research support from Medtronic, Inc. and WL Gore. Dr. Makaroun is also a consultant for Medtronic, Inc., WL Gore and Kowa Research Institute.

Jean M. Panneton, MD, FRCSC, FACS receives grant/research support from Terumo Aortic, Cook Medical, Medtronic, Inc., and WL Gore. Dr. Panneton is also a consultant for Medtronic, Inc., WL Gore, Terumo Aortic, Mellon Medical, and Getinge. Dr. Panneton participates on the CE Speakers' Bureau for Terumo Aortic, Medtronic, Inc., Volcano Corp., and WL Gore.

Darren B. Schneider, MD receives grant/research support from WL Gore and Cook Medical and is a consultant with WL Gore, Cook Medical, Medtronic, Penumbra, Boston Scientific, and Abbott.

Michael C. Stoner, MD received Grant / Research Support from Silk Road Medical and is a consultant for Silk Road Medical and Terumo Aortic.

Theodore H. Yuo, MD, MSc is a consultant with Becton Dickinson.

No other planners, members of the planning committee, speakers, presenters, authors, content reviewers and/or anyone else in a position to control the content of this education activity have relevant financial relationships to disclose.

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For additional information, contact the Event Manager, Mark Byrne, at 412-802-3031 or via email at byrneme@upmc.edu.

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#### **EDUCATIONAL GRANTS**

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#### **EXHIBITORS**

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Endologix

Getinge

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Urgo Medical

## **SAVE THE DATE**

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Pittsburgh
Vascular
Symposium

## Thursday, May 19 — Saturday, May 21, 2022

**Fairmont Pittsburgh Downtown** 

510 Market Street

Pittsburgh, PA 15222



Registration will be available in 2022.

For more information, please contact

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