

27th Annual West Virginia Vascular/Endovascular Surgery Symposium

Offered at the Greenbrier Resort, White Sulphur Springs, WV



Saturday and Sunday Oct. 21-22, 2017





Program overview and objectives

The world renowned faculty of this conference will present an update on vascular/endovascular topics. This program is designed for general surgeons, vascular surgeons, interventional vascular radiologists, cardiologists, neurologists, internists, family practitioners, nurses and allied health professionals interested in the diagnosis and treatment of patients with vascular disease as well as the management of common vascular disorders. No prerequisites are required. The latest concepts, methodologies and techniques in the surgical and percutaneous management of patients with vascular disease will be explored through presentations and panel discussions

After completing this course, participants should be able to:

- Review the basics for vascular surgery including preoperative cardiovascular evaluation, risk assessment and DVT management
- Examine hemodialysis access in vascular surgery
- Review current advances in structural heart disease
- Discuss the treatment and management of asymptomatic carotid disease/stroke
- Discuss carotid artery stenting and the radiologists perspective
- Review and debate current carotid guidelines and the use of carotid stenting in the future
- Discuss improving vascular outcomes with TCAR
- Review endovascular and open management of abdominal aortic aneurysms and femoral artery aneurysms



Program overview and objectives continued

- Examine abdominal aortic aneurysm and thoracic aneurysm open and endo repair including small abdominal aortic aneurysm, low profile endograft developments, managing short necks and juxtarenal aortic aneurysms
- Discuss the current status of secondary interventions following EVAR
- Discuss current treatment of venous ulcers and best approach to wound healing
- Discuss avoiding and treating complications after saphenous vein thermal ablation
- Review and discuss adversity and success in vascular surgery
- Examine endovascular and open treatment of acute and chronic mesenteric ischemia
- Debate the obesity paradox and vascular surgery outcomes
- · Review endovascular repair vs. open lower extremity bypass
- Discuss cost constraints in the adoption of new endovascular therapies

A panel discussion about challenging cases will end the session on Sunday. Nationally and internationally known speakers will serve as faculty.



Accreditation

Saturday accreditation

In support of improving patient care, CAMC Health Education and Research Institute 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.



Physicians - The CAMC Institute designates this live activity for a maximum of 7 AMA PRA Category I credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in this activity.

Nurses - The CAMC Institute is an approved provider of continuing nursing education by West Virginia Nurses Association (AO-212), an accredited approver by the American Nurses Credentialing Centers Commission on Accreditation. This offering has been approved for 7 contact hours (PO15-18-17204). Expiration date is 2 years from the course date.



Pharmacy - The CAMC Institute is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. To receive credit, participants must complete the sign-in sheet, attend each session and complete an evaluation. ACPE credits will be posted online to the CPE Monitor within six (6) weeks following the activity. This knowledge based activity provides 7 contact hours 0554-0000-17-030-L04.

Sunday accreditation



Physicians - The CAMC Institute designates this live activity for a maximum of 2 AMA PRA Category I credit(s) $^{\text{TM}}$. Physicians should only claim credit commensurate with the extent of their participation in this activity.



Crystal Room

7:30 a.m. - Registration/Continental breakfast

8:00 a.m. - Welcome/Introductions/Opening remarks
Ali F. AbuRahma, MD, Program Director
Glen Crotty, MD, COO, CAMC Health System

Session I - Basics in Vascular Surgery

Moderators: Mark Bates, MD/Gilbert Upchurch, MD

8:10 a.m. - Preoperative cardiovascular evaluation prior to vascular surgery:

Which patients and what?"

Dan Snavely, MD

8:20 a.m. - Preoperative risk assessment: Non-cardiac evaluation

James Campbell, MD

8:30 a.m. – **Update on hemodialysis and HD access** Shadi Abu-Halimah, MD

8:40 a.m. - **DVT: Should treatment include catheter directed thrombolysis or anticoagulation alone?**John Campbell, MD

8:50 a.m. – Advances in structural heart disease 2017 Aravinda Nanjundappa, MD



Session II

James Bol Vascular S	and ession: Update in Cerebrovascular Disease
Moderators:	Frank Veith, MD/Bruce Perler, MD Ali AbuRahma, MD
9:00 a.m. –	How should we manage asymptomatic carotid disease until we have the results of CREST 2? Bruce Perler, MD
9:10 a.m. –	Timing of treatment of acute strokes: How early and in whom? R. Clement Darling, MD
9:20 a.m. –	Carotid endarterectomy without MI, stroke or death: Strategies and techniques Enrico Ascher, MD
9:30 a.m. –	Carotid body tumors: Contemporary management Peter Lawrence, MD
9:40 a.m. –	CAS: Where do we go from here? Radiologist perspective Paul Blom, MD
9:50 a.m. –	Improving outcomes with TCAR Mark Farber, MD
10.00	Coffee Dreeds /Fubility violation



Session III

AAA and	Thoracic Aneurysm: Open and Endo
Moderators:	Ron Fairman, MD/R. Clement Darling, MD
10:20 a.m. –	Making the case for repair of small AAAs Ron Fairman, MD
10:30 a.m. –	Low profile endograft developments Michel Makaroun, MD
10:40 a.m. –	Open retroperitoneal exposure for complex aortic necks tricks and tips R. Clement Darling, MD
10:50 a.m. –	Current status of secondary interventions following EVAR Ron Fairman, MD
11:00 a.m. –	Managing short necks and juxtarenal aortic aneurysms: What are the best options? William Jordan, MD
11:10 a.m. –	What is the value of the stage hybrid procedure for TAA? Gilbert Upchurch, MD
11:20 a.m. –	Branched system for preservation of internal iliac

Michel Makaroun, MD

11:30 a.m. - Salvage and explant of failed EVAR Sean Lyden, MD



Session III - Continued

11:40 a.m. - Type B aortic dissection: Is there such a thing as an uncomplicated dissection?
Frank Arko, MD

11:50 a.m. - Current state of chimney parallel grafts-results, tips and tricksTimur Sarac, MD

12:00 p.m. - Radiation safety with EVAR Mark Farber, MD

12:10 -1:10 p.m. - Lunch (Provided)

Session IV

Venous/Peripheral Arterial/Business of Vascular Surgery/Miscellaneous

Moderators: Enrico Asher, MD/Peter Lawrence, MD

1:10 p.m. - Avoiding and treating complications after saphenous vein thermal ablations: EHIT, DVT, and staining
Natalie Marks, MD

1:20 p.m. - Dealing with adversity: A requirement for success for vascular specialists

Frank Veith, MD

1:30 p.m. – New techniques in the management of extensive acute thrombosis from the tibial to iliac veins Enrico Ascher, MD



Session IV - Continued

1:40 p.m. –	wound healing? Peter Lawrence, MD					
1:50 p.m. –	Endovascular and open treatment of acute and chronic mesenteric ischemia Timur Sarac, MD					
2:00 p.m. –	The obesity paradox and the outcome of vascular surgery procedures: Thin may be in but fat is where it's at. Bruce Perler, MD					
2:10 p.m. –	Energy level: An important determinant of success in vascular surgery Frank Veith, MD					
2:20 p.m. –	Understanding cost constraints in adopting new endovascular therapies Sean Lyden, MD					
2:30 p.m. –	Endovascular repair vs. open lower extremity bypass: Is there equipose? William Jordan, MD					
2:40 p.m. –	Panel discussion Moderator: Ali F. AbuRahma, MD					
	Dr. Farber Dr. Lyden	Dr. Ascher Dr. Fairman Dr. Makaroun Dr. Snavely	Dr. Jordan Dr. Marks	Dr. Lawrence Dr. Perler		

3:20 p.m. - Conference evaluation and adjournment



Crystal Room

Session V

Challenging/Complex Case Presentations

Moderators: Michel Makaroun MD

Patrick Stone, MD James Kitchen MD

8:00 a.m. - Registration/Continental breakfast

8:30 a.m. - Case reviews/Panel discussion

10:00 a.m. - Evaluation/Conference adjournment





Program directors and faculty

Chaired by:

Ali F. AbuRahma, MD, FACS, FRCS, RVT, RPVI

Professor of Surgery

Chief, Division of Vascular/Endovascular Surgery

Program Director, Integrated Vascular Surgery Residency and Fellowship

Robert C. Byrd Health Sciences Center of West Virginia University - Charleston Division

Co-Director, Vascular Center of Excellence

Medical Director of Vascular Lab

Charleston Area Medical Center

Charleston, West Virginia

Visiting guest faculty

Frank R. Arko III, MD

Chief, Vascular and Endovascular Surgery
Co-Director, Aortic Institute
Professor, Cardiovascular Surgery
Sanger Heart and Vascular Institute

Carolinas Healthcare System

Charlotte, NC

Enrico Ascher, MD

Past President, The Society of Vascular Surgery

Professor of Surgery

New York University

Chief, Vascular Surgery

Lutheran Medical Center

Brooklyn, NY

Paul H. Blom, MD

Vascular and Interventional Radiology Radiology Inc.

Huntington, WV

R. Clement Darling III, MD

President, The Society of Vascular Surgery Professor of Surgery, Albany Medical

College

Chief, Division of Vascular Surgery, Albany

Medical Center Hospital

President, The Vascular Group

Albany, NY

Mark A. Farber, MD

Professor of Surgery

Program Director, Vascular Surgery

Fellowship Program

UNC School of Medicine

Chapel Hill, NC

Ronald M. Fairman, MD

Immediate Past President, Society for

Vascular Surgery

Chief, Vascular Surgery and Endovascular

Therapy

Clyde F Barker Professor in Surgery

Professor of Radiology

Penn Medicine

Philadelphia, PA

William D. Jordan Jr, MD

Professor of Surgery and Chief,

Division of Vascular Surgery and

Endovascular Therapy

Department of Surgery, Emory University

School of Medicine

Atlanta, GA

James C. Kitchen, MD

Assistant Professor, Vascular Surgery
Joan C. Edwards Marshall University School
of Medicine

Huntington, WV



Program directors and faculty

Visiting guest faculty - Continued

Peter F. Lawrence, MD

Past President, Society for Vascular Surgery Chief, Vascular Surgery Ronald Reagan UCLA Medical Center Director, Gonda (Goldschmied) Venous Center Los Angeles, CA

Sean Lyden, MD

Chairman, Vascular Surgery Cleveland Clinic Cleveland, OH

Michel Makaroun, MD

President Elect, Society for Vascular Surgery Professor and Chief of the Division of Vascular Surgery University of Pittsburgh School of Medicine Director of Endovascular Surgery Director, Vascular Lab and Vascular Training Programs - UPMC Pittsburgh, PA

Natalie Marks, MD

Vascular Surgery NYU Lutheran Health System Brooklyn, NY

Bruce A. Perler, MD

Past President, Society for Vascular Surgery Julius H Jacobson II Professor of Surgery Division of Vascular Surgery Vice Chair, Department of Surgery The Johns Hopkins University School of Medicine Baltimore, MD

Timur P. Sarac, MD

Professor of Surgery, Chief of Vascular and Endovascular Surgery Co- Director of the Heart and Vascular Center Yale School of Medicine New Haven, CT

Daniel Snavely, MD

Interventional Cardiologist Huntington Internal Medicine Group St. Mary's Medical Center Huntington, WV

Gilbert R Upchurch Jr., MD

Professor and Chief of Vascular and Endovascular Surgery William H. Muller Jr. Professor University of Virginia Charlottesville, VA

Frank J. Veith, MD, FACS

Professor of Surgery
Cleveland Clinic Lerner College of
Medicine at Case Western University and
New York University
William J Von Liebig Chair in Vascular
Surgery at The Cleveland Clinic Foundation
Cleveland, Ohio
Chairman, Vascular and Endovascular
Issues, Techniques and Horizons
(VEITH Symposium)
New York, NY

Past President, Society for Vascular Surgery



Program directors and faculty

Local faculty

Shadi Abu-Halimah, MD

Associate Professor of Surgery
Division of Vascular & Endovascular
Surgery
Robert C. Byrd Health Sciences Center of
West Virginia University Charleston Division
Charleston, WV

Mark C. Bates, MD, D.Sc.(Hon) FACC, FSAI, FSVM

Founder and Co-Director of the Charleston Area Medical Center Vascular Center of Excellence Professor of Medicine and Surgery West Virginia University School of Medicine Charleston, WV

James R. Campbell, MD

Assistant Professor of Medicine and Surgery Division of Vascular/Endovascular Surgery Robert C. Byrd Health Sciences Center of West Virginia University-Charleston Division Charleston, WV

John E. Campbell, MD

Associate Professor of Medicine and Surgery

Division of Vascular/Endovascular Surgery Robert C. Byrd Health Sciences Center of West Virginia University - Charleston Division Charleston, WV

Aravinda Nanjundappa, MD, RVT, FACC, FSCAI

Professor of Medicine and Surgery Division of Vascular/Endovascular Surgery Robert C. Byrd Health Sciences Center of West Virginia University - Charleston Division Charleston WV

Patrick A. Stone, MD, FACS, RVT, RPVI

Professor of Vascular Surgery
Division of Vascular/Endovascular Surgery
Robert C. Byrd Health Sciences Center of
West Virginia University - Charleston Division
Charleston Area Medical Center
Charleston, WV





The Greenbrier is an award-winning resort located in the Allegheny Mountains of West Virginia. As a National Historic Landmark, The Greenbrier's classic architecture, exquisite



interior design, abundant scenic beauty and outstanding amenities have hosted distinguished guests from around the world since 1778.

This renowned property offers 721 rooms, including exquisite guest and estate houses and more than <u>50 recreational activities</u> including three championship golf courses, indoor and outdoor tennis courts a 40,000-square-foot spa and more.

About the Greenbrier

Property: The Greenbrier is an award-winning resort located in White Sulphur Springs, West Virginia. A National Historic Landmark, The Greenbrier represents 230 years of history with its classic architecture, exquisite interior design, carefully sculpted landscape, impeccable service and outstanding amenities. This renowned property offers 635 rooms, including 33 suites and 97 guest and estate houses. The Greenbrier has 10 lobbies, more than 40 meeting rooms and a complete conference center facility. Guests enjoy over 50 recreational activities including three championship golf courses, indoor and outdoor tennis courts, a 40,000 square foot spa and a wide variety of other amenities. The Greenbrier provides accommodations and activities to please individuals, couples, families and conference groups.

Location: The beautiful Allegheny Mountains in White Sulphur Springs, West Virginia provide the setting for The Greenbriers 6,500 acre estate. Located just off Interstate 64, The Greenbrier is easily accessible from most major cities by air, auto or train.





Upper Lobby: Known as The Greenbriers living room, the stunning Upper Lobby is a series of lobbies and sitting rooms with the designing touch of Dorothy Draper. Decorated with antiques and historic paintings, bright colors and floral designs, the soaring ceilings and cozy fireplace make the Upper Lobby the ideal place to enjoy an afternoon tea and concert. Carleton Varney, president of the Dorothy Draper Company, oversees all interior design of The Greenbrier.

Dining: The Greenbrier cuisine is a delight like no other. From the formal Main Dining Room to the more casual Sam Sneads at the Golf Club, dining is an event. Breakfast and dinner are served daily in the elegant Main Dining Room and are comprised of a delectable combination of classical, continental and American cuisine prepared by a team of chefs, many of whom were trained in The Greenbrier Culinary Apprenticeship Program. Drapers, named for the famed designer Dorothy Draper, serves lunch and offers dessert and fountain soda specialties. At Sam Sneads at the Golf Club, guests can enjoy lunch or dinner and a spectacular view of The Greenbriers three championship golf courses. The culinary delights at Sam Sneads at the Golf Club are prepared in an open kitchen featuring a wood-burning oven. Also located at the Golf Club is Slammin Sammys, serving snacks with large screen televisions for sports viewing as well as billiards, foosball and other games. The Rhododendron Café, located adjacent to the indoor pool and Tree Tops Cafe, at the outdoor pool, offer a wide range of snacks and beverages.





Conference center: With many guests visiting as part of a conference, The Greenbrier is the ideal location for groups from 10 to 1200. Offering more than 85,000 square feet of flexible, state-of-the-art meeting areas and more than 40 meeting rooms and event venues The Greenbriers dedicated conference services team is devoted to providing the best in conference management, amenities and service.

Guest rooms: All Greenbrier guests enjoy lavish accommodations decorated by Carleton Varney, president of Dorothy Draper and Company, Inc., New York. The Greenbrier offers 635 guest bedrooms, including 33 suites and 97 guest and estate houses, all with full access to guest services.

Golf: Since 1910, golf has been an important part of life at The Greenbrier. With three championship courses and The Greenbrier Golf Academy, The Greenbrier is unmatched in its dedication to golfers. The first eighteen hole course, The Old White, was designed by Charles Blair MacDonald in 1913. The course was recently restored as part of a four-year project to return its original design by Lester George. The Greenbrier Course was built in 1924 and renovated in 1977 by Jack Nicklaus. In 1979 the Greenbrier Course hosted the International Ryder Cup Matches and in 1994, was the site of the Solheim Cup Matches. The Meadows Course, formerly known as the Lakeside Course, reopened in 1999 after a complete course redesign by Robert Cupp. Also in 1994, The Greenbrier named the legendary Sam Snead as the resorts Golf





Professional Emeritus, a position he held until his death in 2002. In 2005, Tom Watson became The Greenbriers second Golf Professional Emeritus. The Greenbriers golf facilities also include Sam Sneads at the Golf Club and Slammin' Sammys. The Golf Club prominently features Snead and Watson memorabilia.

Recreation: For guests who prefer other forms of recreation, The Greenbrier offers a variety of activities. The Greenbriers Culinary Arts Center offers hands on classes for children and adults. Guests may also enjoy The Greenbrier Off-Road Driving School, sporting clays, indoor and outdoor swimming pools, croquet, mountain biking, falconry, trap and skeet shooting, tennis, kayaking, whitewater rafting, bowling, hiking and jogging trails, horseback riding and carriage rides and fishing.

Spa: For more than two centuries, guests have been attracted to The Greenbriers sulphur springs and the natural benefits of the minerals remain at the heart of The Greenbrier Spa experience. The Greenbrier Spas treatments complement todays lifestyle, with greater attention to the healing powers of natural essences and minerals that have been trusted for centuries. Treatments include The Greenbrier Signature Treatment, Detox Kur, Ayurvedic Head Massage, Traditional Thai Massage, Body Scrub Odysseys and Mineral Body Mask. Other services include facials, hydrotherapy treatments, body fusions, manicures, pedicures and waxing services.



Accomodations

Participants are responsible for making their own lodging reservations. A block of rooms has been reserved for this conference. When making reservations please remember to state that your are attending the 2017 West Virginia Vascular Symposium. Call direct (304) 536-1110 or toll-free 1-855-453-4858 or log on to www.greenbrier.com.

Other lodging

Convenient lodging may be found at the following locations:

Fairfield Inn and Suites by Marriott

273 Coleman Drive Lewisburg, WV 25901 Phone: 1-866-797-2018

Hampton Inn-Lewisburg

30 Coleman Drive Lewisburg, WV Phone: 1-866-797-2018

Quality Inn-Lewisburg

540 North Jefferson St. Lewisburg, WV 25901 Phone: 1-877-275-9879

Brier Inn

540 North Jefferson St. Lewisburg, WV 24901 Phone: 1-800-230-4134

Historic General Lewis Inn

301 East Washington St. Lewisburg, WV 24901 Phone: 1-800-230-4134





Cancellations and substitutions policy

You may cancel your registration up to 10 business days before the program and we will refund your full registration. If you need to cancel less than 10 business days prior to the program you may 1) send a substitute from your organization or 2) transfer your registration fee to another program of your choice that is scheduled with in 12 months of your original event. Please note, if you don't cancel and don't attend you are still responsible for payment.

Comfort zone

Although every effort is made to have a comfortable temperature in the meeting rooms, we realize everyones comfort zone is different. Therefore, please bring a sweater or light jacket in case the room is too cool for our comfort.

Disclosure

It is the policy of the CAMC Institute that any faculty (speaker) who makes a presentation at a program designated for AMA Physicians Recognition Award (PRA) Category I or II credit must disclose any financial interest or other relationship (i.e. grants, research support, consultant, honoraria) that faculty member or spouse/partner has with the manufacturer(s) of any commercial product(s) that may be discussed in the educational presentation.

Program planning committee members must also disclose any financial interest or relationship with commercial industry that may influence their participation in this conference. All faculty and planning committee members have disclosed that no relationships exist.



Registration form

27th Annual West Virginia Vascular/Endosvascular Surgery Symposium at the Greenbrier

Saturday and Sunday | Oct. 21-22, 2017

Name					
Degree/Specialty					
Address					
City/State/Zip					
Phone					
Email					
Hospital/Institution					
NABP # and DOB (MMDD f (NABP and DOB must be prov			g pharmacy education credits.)		
CAMC	All participants				
Please note that payment r credit processing, conference			tion. Conference fee includes oreakfast and lunch.		
You may register online	at camcin	stitute.org	g/conference		
Method of payment:	MasterCard	VISA	☐ Check enclosed		
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ake check payable to: CAMC Institute nd return to: CAMC Health Eduation and Research Institute 3110 MacCorkle Ave. SE Charleston, WV 25304					
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