

Please join us for the
**29th Annual West Virginia
Vascular/Endovascular
Surgery Symposium**

offered at the Greenbrier Resort, White Sulphur Springs, WV



**Saturday and Sunday
Oct. 19–20, 2019**



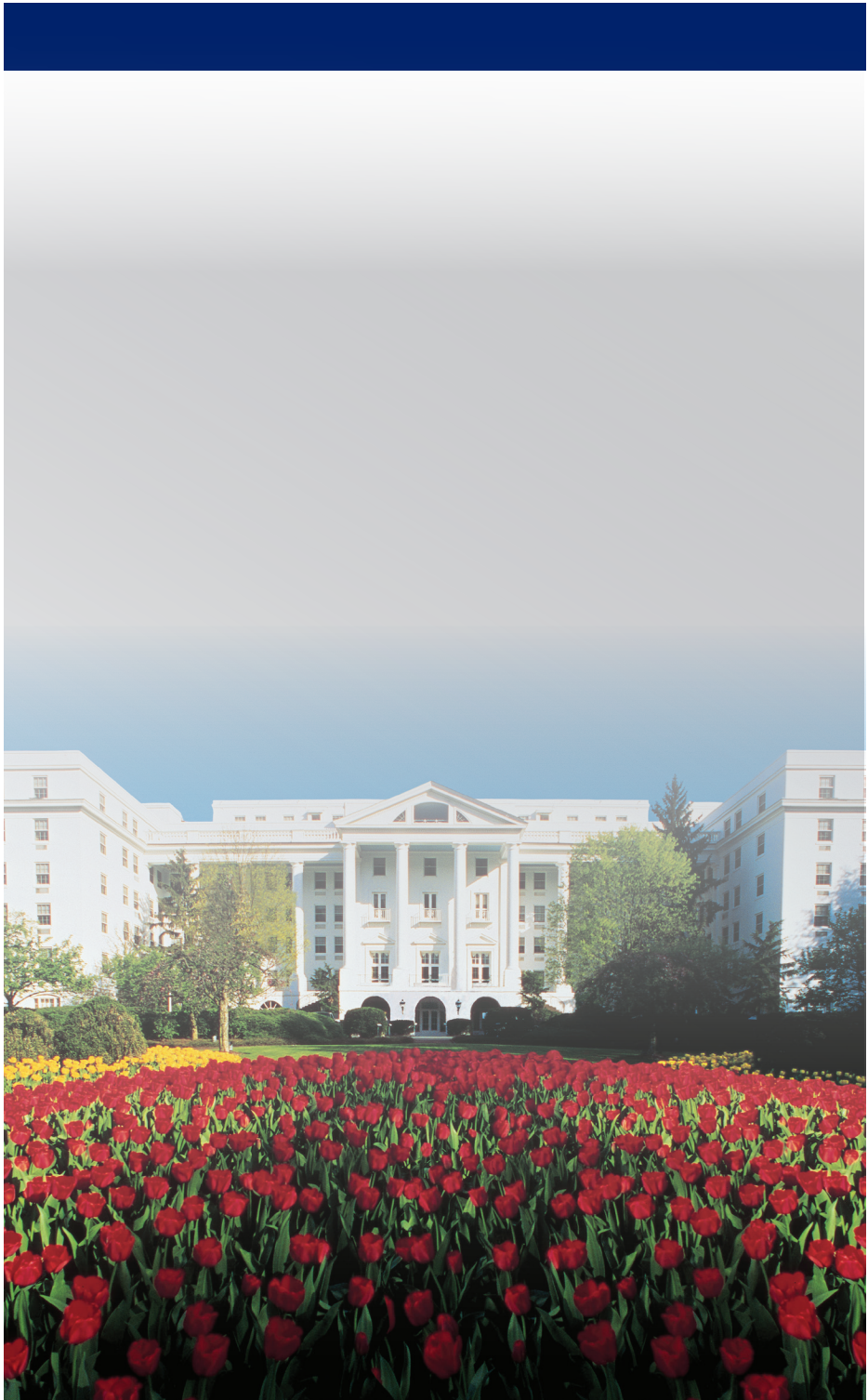
**CAMC
Institute**



West Virginia University
HEALTH SCIENCES
CHARLESTON CAMPUS



Register online at
camcinstitute.org/conference





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 of vascular surgery and the primary care physician and providers
- Discuss current trends in the treatment of cerebrovascular disease
- Examine aortic and peripheral vascular disease and surgery
- 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
- Review and debate current carotid guidelines and the use of carotid stenting in the future
- Debate the role of dementia in relation to vascular surgery outcomes
- Examine the SVS practice guidelines and evidence based practice.

A panel discussion on 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.



JOINTLY ACCREDITED PROVIDER™
INTERPROFESSIONAL CONTINUING EDUCATION

Physicians – CAMC Health Education and Research Institute designates this live activity for a maximum of 8 AMA PRA Category I credit(s)[™]. Physicians should only claim credit commensurate with the extent of their participation in this activity.

Nurses – The CAMC Health Education and Research Institute is an approved provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation. This offering has been approved for 8 contact hours (JA0026-21-19-164). Expiration date is 2 years from the course date.

Pharmacy – The CAMC Health Education and Research 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 8 contact hours JA0006133-0000-19-048-L01-P



Sunday accreditation



JOINTLY ACCREDITED PROVIDER™
INTERPROFESSIONAL CONTINUING EDUCATION

Physicians – CAMC Health Education and Research Institute designates this live activity for a maximum of 2 AMA PRA Category I credit(s)[™]. Physicians should only claim credit commensurate with the extent of their participation in this activity.



Agenda – Day 1 / Saturday, Oct. 19

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 – Vascular Surgery for the Primary Care Physician & other Vascular Providers

Moderators: Mark Bates MD / Gilbert Upchurch, MD / Albeir Mousa, MD

- 8:10 a.m. **Imaging preference for diagnosis of carotid disease: DUS, CTA or MRA**
Stephen Hass, MD
- 8:20 a.m. **Indications for renal vascular hypertension work-up**
John Campbell, MD
- 8:30 a.m. **Vascular trauma imaging and management**
Patrick Stone, MD
- 8:40 a.m. **Claudication: Medical therapy and when intervention is needed**
- 8:50 a.m. **Update on Structural Heart Intervention – CAMC Experience**
Aravinda Nanjundappa, MD



Agenda – Day 1 / Saturday, Oct. 19

Session II

James Boland Vascular Session:
Cerebrovascular Thoracic Aorta & Renal

Moderators: Bruce Perler, MD / Peter Lawrence, MD

- 9:00 a.m. **Who should perform TCAR? Achieving procedural competency & hospital credentials**
Keith Calligaro, MD
- 9:10 a.m. **What is the appropriate timing for carotid endarterectomy after an acute stroke?**
Bruce Perler, MD
- 9:20 a.m. **Intracranial atherosclerotic disease and the role of stent placement in failed mechanical thrombectomy for acute stroke**
Paul Blom, MD
- 9:30 a.m. **Update on AAA transection**
Timur Sarac, MD
- 9:40 a.m. **Contemporary management of occlusive renovascular disease**
Matthew Edwards, MD
- 9:50 a.m. **Spinal cord protection for open and endovascular thoracoabdominal aortic aneurysms**
Timur Sarac, MD
- 10:00 a.m. **Coffee Break / Exhibit visitation**



Agenda – Day 1 / Saturday, Oct. 19

Session III

Aortic Peripheral Vascular Disease

Moderators: Ron Fairman, MD / R. Clement Darling, MD

- 10:20 a.m. **Contemporary results of open AAA repair:
Are the outcomes as good as historically described?**
Ronald Fairman, MD
- 10:30 a.m. **Teaching open aortic surgery in the endovascular
era, approach and concerns**
R. Clement Darling, MD
- 10:40 a.m. **Endoanchors for short neck, Is it feasible, effective
and safe?**
Frank Arko, MD
- 10:50 a.m. **EVAR explants: Technical challenges & outcomes**
Sean Lyden, MD
- 11:00 a.m. **Current management of type II Endoleaks.
following EVAR: Deciding when is it time to
explant & how I do it**
Ronald Fairman, MD
- 11:10 a.m. **Treatment of acute and chronic mesenteric
ischemia needing reconstruction, results &
techniques**
R. Clement Darling, MD
- 11:20 a.m. **Extended limb salvage operations for threatened
ischemic limbs**
Enrico Ascher, MD



Agenda – Day 1 / Saturday, Oct. 19

Session III – Continued

- 11:30 a.m. **Drug coated balloon usage & the Meta Analysis noting increased risk of death. Is it real?**
Sean Lyden, MD
- 11:40 a.m. **Popliteal Aneurysms: Issues other than Endo versus surgery**
Enrico Ascher, MD
- 11:50 a.m. **CT Scanning in vascular disease: How much is too much?**
Matthew Edwards, MD
- 12:00 p.m. – 1:00 p.m. **Lunch (Provided)**

Session IV

Venous/Others

Moderators: Anton Sidawy / Enrico Ascher, MD

- 1:00 p.m. **Acute DVT & Venous Thrombectomy: Past, Present, Future**
Patrick Muck, MD
- 1:10 p.m. **So many options in the world of Saphenous Vein Ablations: When, Which & How?**
Natalie Marks, MD
- 1:20 p.m. **Appropriateness of care in Venous & Arterial disease: How does it differ from practice guidelines?**
Peter Lawrence, MD



Agenda – Day 1 / Saturday, Oct. 19

Session IV – Continued

- 1:30 p.m. **Pulmonary Embolus: Clot extraction instead of clot dissolution?**
Patrick Muck, MD
- 1:40 p.m. **Venous Leg Ulcers: What is the optimal algorithm for treatment?**
Peter Lawrence, MD
- 1:50 p.m. **Evolving strategies for Venous Thoracic Outlet Syndrome**
Keith Calligaro, MD
- 2:00 p.m. **Public reporting of individual surgeons' outcomes: The Good, the Bad and the Realty**
Bruce Perler MD
- 2:10 p.m. **Updates on the SVS Vascular Center Certification**
Anton Sidawy, MD
- 2:20 p.m. **Preoperative Dementia in Vascular Surgery as a predictor of poor outcomes**
Gilbert Upchurch, MD
- 2:30 p.m. **Panel Discussion**
Moderator: Ali F. AbuRahma, MD
- | | | | | |
|---------------|---|--------------|---|--------------|
| Dr. Arko | : | Dr. Edwards | : | Dr. Muck |
| Dr. Ascher | : | Dr. Fairman | : | Dr. Perler |
| Dr. Blom | : | Dr. Lawrence | : | Dr. Sarac |
| Dr. Calligaro | : | Dr. Lyden | : | Dr. Sidawy |
| Dr. Darling | : | Dr. Marks | : | Dr. Upchurch |
- 3:30 p.m. **Conference Evaluation and Adjournment**



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Agenda – Day 2 / Sunday, Oct. 20

Crystal Room

Session V

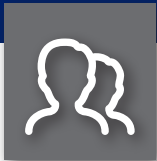
Challenging / Complex Case Presentations

Moderators / Panelists:

Keith Calligaro, MD / Matt Edwards, MD / Sean Lyden, MD / Timur Sarac, MD / Samantha Minc, MD / Luke Marone, MD / Paul 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 Campus

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 for Vascular Surgery

Professor of Surgery

New York University

Chief, Vascular Surgery

Lutheran Medical Center

Brooklyn, New York

Keith Calligaro, MD

Chief, Section of Vascular Surgery and

Endovascular Therapy Director,

Vascular Surgery Fellowship Pennsylvania
Hospital

Clinical Professor of Surgery

University of Pennsylvania School of Medicine

Philadelphia, PA

R Clement Darling, III, MD

Past President, The Society for Vascular Surgery

Professor of Surgery, Albany Medical College

Chief, Division of Vascular Surgery,

Albany Medical Center Hospital

President, The Vascular Group

Albany, New York

Matthew S. Edwards, MD

• Professor and Chair

• Vascular / Endovascular Surgery

• Wake Forest School of Medicine

• Winston Salem, NC

Ronald M Fairman, MD

• Past President, Society for Vascular Surgery

• Chief, Vascular Surgery and

• Endovascular Therapy

• Clyde F Barker-William Maul Measey

• Professor in Surgery

• Professor of Radiology

• Penn Medicine

• Philadelphia, PA

James C. Kitchen, MD

• Assistant Professor, Vascular Surgery

• Joan C. Edwards Marshall University

• School of Medicine

• Huntington, WV

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, California



Program directors and faculty

Visiting guest faculty – Continued

Sean Lyden, MD

Chair of Vascular Surgery
The Cleveland Clinic
Cleveland, OH

Natalie Marks, MD

Vascular Surgery
NYU Lutheran Health System
Brooklyn, New York

Patrick E. Muck, MD, RVT, FACS

Chief of Vascular Surgery
Program Director Vascular Fellowship &
Integrated Residency
Good Samaritan Hospital
Cincinnati, OH

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, Maryland

• **Timur P. Sarac, MD**

• Chief of Vascular Surgery
• Director of Aortic Center
• The Ohio State University
• Wexner Medical Center
• Columbus, OH

• **Anton Sidawy, MD**

• Past President, Society for Vascular Surgery
• Lewis B. Saltz Chair and Professor of Surgery
• Professor of Surgery
• George Washington School of Medicine
• and Health Sciences
• Washington, DC

• **Patrick A. Stone, MD**

• Professor of Surgery
• Vanderbilt University
• Nashville, TN

• **Gilbert R Upchurch Jr., MD**

• Edward R. Woodward Professor & Chair
• University of Florida Department of Surgery
• Gainesville, FL





Program directors and faculty

Local faculty

Shadi J. Abu-Halimah, MD

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

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, West Virginia

Paul Blom, MD

Interventional Cardiologist
Radiology Inc.
Huntington, 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 Campus
Charleston, West Virginia

Stephen Hass, MD, JD

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

Luke Marone, MD

Professor of Surgery and Radiology
Co-director Heart and Vascular Institute
WVU Medicine
Chief of Vascular Interventional Services
WVU Heart and Vascular Institute
Program Director, Vascular Surgery
Fellowship
Morgantown, WV

Samantha Minc, MD

Assistant Professor of Surgery
WVU Heart and Vascular Institute
Morgantown, WV

Albeir Mousa, MD

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

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 Campus
Charleston, West Virginia





Location

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 [50 recreational activities](#) including three championship golf courses, indoor and outdoor tennis courts a 40,000-square-foot spa and more.

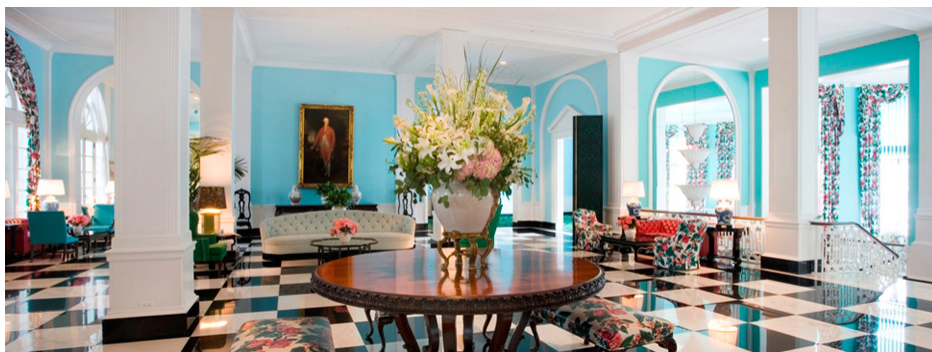
About the Greenbrier

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 Greenbrier's 6,500 acre estate. Located just off Interstate 64, The Greenbrier is easily accessible from most major cities by air, auto or train.



Location



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 Slammir 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.



Location



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



Location



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 Slammir' 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 Spa's treatments complement today's 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.



Location



Shopping: No trip to The Greenbrier is complete without a bit of shopping. With over 30 stores, shopping at The Greenbrier is a delight all its own. Most of the shops are located in the hotels lower level, including The Greenbrier Shoppe and Newsstand, Carleton Varney Gift Gallery, Polo Ralph Lauren, The Greenbrier Gourmet Shop and many others. The Art Colony on Alabama Row features a collection of shops with unique handcrafted items and exceptional pieces of original art. Finally, The Christmas Shop at the Depot is located across from the main entrance and is open year round with gifts and decorations to make every Christmas special





Accommodations

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 **2019 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 within 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 everyone's 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.



Register online at
camcinstitute.org/conference

Registration form

**29th Annual West Virginia Vascular/Endosvascular Surgery
Symposium at the Greenbrier**

Saturday and Sunday | Oct. 19 – 20, 2019

Name _____

Degree/Specialty _____

Address _____

City/State/Zip _____

Phone _____

Email _____

Hospital/Institution _____

NABP # and DOB (MMDD format) _____
(NABP and DOB must be provided to receive continuing pharmacy education credits.)

Conference fee: Physicians \$150
Nurses and All others..... \$75
CAMC employees No charge
Residents/Medical students.... No charge

Please note that payment must accompany registration. Conference fee includes credit processing, conference materials, continental breakfast and lunch.

You may register online at **camcinstitute.org/conference**

Method of payment: MasterCard VISA Check enclosed

Account # _____

Expiration date _____ Amount _____

Signature _____

Make check payable to: CAMC Institute
and return to: CAMC Health Education and Research Institute
3110 MacCorkle Ave. SE
Charleston, WV 25304



email: institute@camc.org

Phone: (304) 388-9960

Fax: (304) 388-9966





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