The WVU Heart and Vascular Institute is proud to host the second annual Advances in Cardiovascular Medicine conference presented by national leaders. This conference has been designed for physicians who have interest in cardiovascular medicine, including specialists in interventional cardiology, cardiovascular surgery, advanced heart failure, electrophysiology, and imaging diagnostics, as well as fellows, residents, nurses, and other healthcare professionals interested in cardiology-related diseases and treatments.

During the two-day event, there will be keynote presentations followed by case presentations and panel discussions. The focus will be on integrating multidisciplinary teams for optimizing patient-centered therapies. The schedule provides opportunities to meet with exhibiting vendors and research groups that are helping provide improved treatment options. The course also features networking opportunities, including a technology exhibit, where the latest diagnostic algorithms and therapies will be displayed.

COURSE DIRECTOR
Partho Sengupta MD, MBBS, FACC, FASE
Section Chief, Abnash C. Jain Chair, and Professor, Cardiology; Director, Cardiac Imaging; Chair, Cardiovascular Innovation; Professor of Medicine, WVU School of Medicine

COURSE CO-DIRECTOR
Vinay Badhwar MD, FACS, FACC
Executive Chair, WVU Heart and Vascular Institute Gordon F. Murray Professor and Chair, Department of Cardiovascular and Thoracic Surgery, WVU School of Medicine

COURSE CREDITS
CME: 12 | NURSING: 14.5
Registration
Please visit the event website at: WVUMedicine.org/info/advances.

Target Audience
Cardiovascular professionals, faculty, residents, medical students, nurses, and community providers

Learning Objectives
By attending the conference, participants should be able to:

- Compare contemporary diagnostic methods in cardiology, including mobile health solutions
- Compare and contrast the benefits of non-surgical management with surgical management of complex coronary artery disease
- Discuss the medical management of heart failure and identify advanced treatments
- Recognize expanding indications for structural heart interventions with real-world case illustrations
- Discuss guidelines and advances in cardiac ablation and His bundle pacing

Accreditation and Designation
The West Virginia University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The WVU Office of CME designates this live activity for a maximum of 12 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This continuing education activity has been provided by the West Virginia University School of Nursing for 14.5 contact hours. The West Virginia University School of Nursing is an approved provider of continuing education by the State of West Virginia Board of Examiners for Registered Professional Nurses, Legislation Rule §19CSR11-4 under provider number WV986-0120RN.

Cancellations
Important: If you are unable to attend the conference after you have registered, you must notify us in writing by October 18, 2019, to receive a refund. No refunds for conference fees will be made after October 18, 2019. A $25 fee will be charged for all cancelled registrations.

We reserve the right to cancel individual sessions or the entire conference. In the event of a conference cancellation, a full tuition refund will be made.

Additional Information
For questions or for more information prior to or during the conference, please contact Renee Hill at 304-598-4889.

For information on other upcoming CE conferences, contact the Office of CE at 304-293-3937, visit our website at ce.wvu.edu, or e-mail us at ce@wvu.edu.

In case of emergency during the conference, please call Renee Hill at 304-598-4889.

Disclosure
It is the policy of the WVU School of Medicine Office of CME to ensure balance, independence, objectivity, and scientific rigor in all its educational activities. All faculty/authors/planners participating in our programs are expected to disclose any relevant relationships they may have with commercial companies.

Any relevant relationships, along with the educational content of this program, will be reviewed, and any potential conflicts of interest will be resolved to the satisfaction of the WVU School of Medicine Office of CME prior to the activity. If a conflict cannot be resolved, the person involved will be removed from control of content or the content will not be presented as part of the educational program.

Please refer to our website for an updated Disclosure listing at WVUMedicine.org/info/advances.

Special Thanks
Special thanks to our exhibitors for their support of this conference.

Mark C. Bates MD, FACC, FSCAI, FACP
Adult Congenital Heart Disease, Interventional Cardiology

Blase Carabello MD
Professor and Chief, Division of Cardiology
Brody School of Medicine

Elie G. Gharib MD
Governor, American College of Cardiology, West Virginia Chapter; Charleston, WV

Dipti Itchhaporia MD, FACC, FESC
Eric & Sheila Samson Endowed Chair in Cardiovascular Health; Director of Disease Management, Hoag Memorial Hospital Presbyterian, Newport Beach, CA; Associate Clinical Professor, University of California, Irvine; Vice President-Elect, American College of Cardiology; Co-Chair, ACC International Conference, Middle East

Spencer B. King, III MD, MACC, FSCAI, FESC
Professor, Medicine Emeritus
Emory University School of Medicine
Editor-in-Chief, JACC: Cardiovascular Interventions

David S. Schwartzman MD, FHRS
Director, Cardiac Electrophysiology
Butler Health System

Renu Virmani MD, FACC
President, CVPath Institute; Professor, Department of Pathology at Georgetown University; University of Maryland-Baltimore; George Washington University; and Vanderbilt University

COURSE INFORMATION

INVITED FACULTY
WELCOME:

7 AM
Registration and breakfast

8 AM
Opening remarks, acknowledgements, and announcements
Dr. Partho Sengupta and Dr. Vinay Badhwar

8:10 AM
Opening keynote: The emerging world of cardiology: The national ACC update
Speaker: Dr. Dipti Itchhaporia

8:35 AM
Panel discussion on the future of cardiology in US

8:45-10:30 AM
The hibernating black bear awakens: Viability and chronic total occlusions
Moderators: Dr. Jim Mills and Dr. Jason Moreland

PART I:

8:45-9:45 AM
Case-based reviews

8:45 AM
Sensitive: PET viability – Uptake for life
Speaker: Dr. Yasmin Hamirani

9 AM
Specific: Low-dose dobutamine - Contraction action
Speaker: Dr. Madhavi Kadiyala

9:15 AM
In between: Cardiac MR - Late enhancement is key
Speaker: Dr. Sudarshan Badla

9:30 AM
Planning revascularization: Role of CT coronary angiography
Speaker: Dr. Irfan Zeb

9:45 AM
Structural heart disease
Moderators: Dr. Partho Sengupta and Dr. Ramesh Dagdubati

10 AM
Pathology of structural heart diseases - the known and unknown
Speaker: Dr. Renu Virmani

10:15 AM
Clinical conundrums in valvular heart disease that the guidelines do not address
Speaker: Dr. Blase Carabello

CASE-BASED DISCUSSIONS:

2:20 PM
Use of digital technology for understanding valvular heart disease
Speaker: Dr. Partho Sengupta

2:35 PM
Conscious sedation TAVR without TEE
Speaker: Dr. Ramesh Dagdubati

2:45 PM
Can we HALT the aortic valve thrombosis?
Speaker: Dr. Spencer King

3-3:40 PM
Debate: The future of mitral therapies is percutaneous repair or replace
Pro: Dr. Ramesh Dagdubati
Con: Dr. Spencer King

3:40-4 PM
Break, visit exhibits

4-5:30 PM
Heart failure: Challenges and opportunities

4 PM
Heart failure in women
Speaker: Dr. Dipti Itchhaporia

CASE-BASED DISCUSSIONS:

4:25 PM
Is this the heart or the cancer therapy?
Speaker: Dr. Chris Bianco

4:40 PM
ECMO – Effectiveness vs. futility?
Speaker: Dr. Awori Hayanga

5 PM
Should I repair the valves during LVAD implantation?
Speaker: Dr. Muhammad Salman

5:10 PM
How do I innovate for overcoming heart failure readmissions?
Speaker: Dr. George Sokos

5:30-6:30 PM
Cocktails and appetizers, visit exhibits

12:45-1:30 PM
Lunch, visit exhibits

1:30-3:40 PM
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5:30-6:30 PM
Cocktails and appetizers, visit exhibits
7:30 AM
Breakfast

8-10 AM
Stump the experts: 10 rapid fire cases from rural Appalachia
Speakers: Dr. Mike Campsey, Dr. Christopher Bianco, Dr. Chenak Benzingi, Dr. Mark Bates, Dr. Elie Gharib, Dr. Dean Wolz, Dr. Brijesh Patel, Dr. David Tingier, Dr. Abbas Ali, and Stephen Gnegy
Panelists: Dr. Spencer King, Dr. Blase Carabello, Dr. Vinay Badhwar, and Dr. Partho Sengupta

10-10:15 AM
Break, visit exhibits

10:15-11:15 AM
Emerging concepts
10:15 AM
Technology enabled care in rural Appalachia
Speaker: Dr. Partho Sengupta

10:15 AM
Diagnosing early valvular heart diseases, but can we intervene?
Speaker: Dr. Blase Carabello

10:45 AM
Special considerations and treatment for women with heart disease
Speaker: Dr. Madhavi Kadiyala

11 AM
The endgame of the opioid crisis – the problem and solutions
Speaker: Dr. Chris Cook

11:15 AM-12:30 PM
Rhythm ride
Moderators: Dr. John Lobban and Dr. Stanley Schmidt

11:15 AM
Management of refractory atrial fibrillation:
Catheter Ablation: Dr. David Schwartzman
Surgical Ablation: Dr. Hai Roberts

11:50 AM-12:30 PM
Cases for success in EP

11:50 AM
Implementing CABANA, CASTLE-AF and CAPTAF in my clinical practice
Speaker: Dr. Don Siddoway

12:05 PM
HIS bundle pacing, leadless pacing, septal pacing, ultrasound pacing: will they replace conventional techniques?
Speaker: Dr. John Lobban

12:20 PM
80-year-old patient with first syncope and sinus bradycardia: predicting the success of VT ablation: phenotypic recognition
Speaker: Dr. Stanley Schmidt

12:30 PM
Closing remarks

12:45 PM
Adjourn - Boxed lunches to go

WVU MEDICINE
WVU Medicine unites the clinical and research faculty of the West Virginia University Health Sciences Center with the hospitals, clinics, and health professionals of the West Virginia University Health System. Together, they are a national leader in patient safety and quality, and are unified and driven by a passion to provide the most advanced healthcare possible to the people of West Virginia and beyond.

WVU Medicine includes the physicians, specialists, and sub-specialists of the West Virginia University School of Medicine; the affiliated schools of the WVU Health Sciences Center; 10 system member hospitals, six managed hospitals, and two affiliate hospitals; and a children’s hospital, all anchored by a 690-bed academic medical center that offers tertiary and quaternary care.

WVU HEART AND VASCULAR INSTITUTE
Led by Vinay Badhwar, MD, FACS, FACC, and some of the most respected cardiac surgeons, cardiologists, interventional radiologists, cardiac electrophysiologists, and vascular surgeons, the heart and vascular programs of West Virginia University and WVU Medicine are among the best in the United States. Considered national experts in their field, our physicians are an integrated team that works closely together to bring state-of-the-art therapies to patients from West Virginia and the surrounding region.

MORGANTOWN MARRIOTT AT WATERFRONT PLACE
2 Waterfront Place Morgantown, West Virginia 26501
Phone: 304-296-1700

Cut-off Date: Friday, October 18, is the last day to book under the group block and receive the discounted group rate. Any rooms reserved after this date will be subjected to hotel’s best available rate.

LEARN MORE: WVUMedicine.org/info/advances

MORGANTOWN, WV
WVU Medicine is headquartered in Morgantown, West Virginia, a vibrant city located along the Monongahela River and close to the Pennsylvania border in the north central part of the state. The seat of Monongalia County and the home of West Virginia University, Morgantown has been voted Best Small City by numerous national organizations. With excellent schools, diverse restaurants, and outdoor activities, Morgantown is one of the major growth areas in West Virginia.

Quick Facts:
- 30,665 permanent residents
- Additional 28,766 full-time West Virginia University students
- Vibrant, diverse college town atmosphere
- Ranked 18th best college town by Business Insider
- Named best small city in the East by Rating Guide to Life in America’s Small Cities
- Ranked number 1 dream town in the country by bizjournals.com

Points of Interest:
- West Virginia University
- WVU Core Arboretum
- West Virginia Botanic Garden
- Coopers Rock State Forest
- Dorsey’s Knob Park
- Don Knotts Statue

For more information, visit the Greater Morgantown Convention and Visitors Bureau at tourmorgantown.com.