



2019

WVU Heart & Vascular
Institute

**Advances in Cardiovascular
Medicine Conference**

November 2-3

Marriott at Waterfront Place
Morgantown, West Virginia

Second Annual Conference

WVU Heart & Vascular
Institute

**REGISTRATION
+ INFORMATION**

WVUMedicine.org/info/advances

2019

WVU Heart & Vascular
Institute

Advances in Cardiovascular Medicine Conference



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

COURSE OVERVIEW

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.

mHealth and AI

Coils, Plugs, and Devices

Advanced Heart Failure

Cardiogenic Shock

Complex High Risk PCI

Personalized vs. Guideline-Based Medicine

Screening for Coronary Atherosclerosis

CMR Stress Perfusion and Viability Assessments

Coronary Computed Tomography–Fractional Flow Reserve

Asymptomatic Valvular Heart Disease

TAVR and Mitral Valve Interventions

Pulmonary Hypertension

HIS Bundle Pacing

Atrial Fibrillation

Endocarditis

VT Ablation

TOPICS
WITH CASE-BASED PANEL DISCUSSIONS, INCLUDING

COURSE INFORMATION

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, Legislature Rule §19CSR11-4 under provider number WV1996-0120RN.

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.

INVITED FACULTY



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



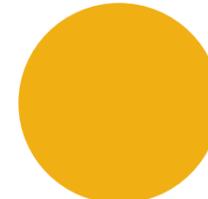
Dipti Itchhaporia MD, FACC, FESC
Eric & Sheila Samson Endowed Chair in Cardiovascular Health;
Director of Disease Management, Hoag Memorial Hospital Presbyterian,
Newport Beach, CA; Associate Clinical Professor, University of California, Irvine;
Vice President-Elect, American College of Cardiology;
Co-Chair,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



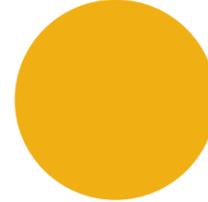
Renu Virmani MD, FACC
President, CVPPath Institute;
Professor, Department of Pathology at Georgetown University;
University of Maryland-Baltimore; George Washington
University; and Vanderbilt University



WVU MEDICINE FACULTY



Abbas S. Ali MD, MS, FACC
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Interventional Cardiology



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John Lobban MD
Assistant Professor,
Electrophysiology



Stanley B. Schmidt MD, FACC
Professor, Electrophysiology



Chris Cook MD
Associate Professor,
Cardiac Surgery



Jim Mills MD
Associate Professor, Cardiology



Don Siddoway MD
Assistant Professor,
Electrophysiology



AGENDA

SATURDAY

11.02.19

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 Balla

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

PART II:

9:45-10:30 AM Debate: Should chronic total occlusions be revascularized?

9:45 AM | Pro: Dr. Spencer King

10 AM | Con: Dr. Jim Mills

10:15 AM | Rebuttal and discussions

10:30-11 AM Break, visit exhibits

11 AM-12:45 PM Challenging interventional scenario
Moderators: Dr. Spencer King and Dr. Mike Campsey

11 AM Common myths of coronary artery disease and evolving therapies: A pathologist's view
Speaker: Dr. Renu Virmani

11:25 AM The high bleeding risk patient: which stent, which drug?
Speaker: Dr. Bryan Raybuck

11:40 AM Young female patient with spontaneous coronary artery dissection and recurrent ischemia
Speaker: Dr. Jason Moreland

11:55 AM Patient selection for protected PCI: Who benefits most?
Speaker: Dr. Jason Moreland

12-12:45 PM Debate: Secondary mitral regurgitation should be treated with transcatheter techniques

12 PM | Pro: Dr. Vinay Badhwar

12:15 PM | Con: Dr. Spencer King

12:30 PM | Rebuttal and discussion

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

1:30-3:40 PM Structural heart disease

Moderators: Dr. Partho Sengupta and Dr. Ramesh Daggubati

1:30 PM Pathology of structural heart diseases-the known and unknown

Speaker: Dr. Renu Virmani

1:55 PM 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 Daggubati

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

3 PM | Pro: Dr. Ramesh Daggubati

3:10 PM | Con: Dr. Vinay Badhwar

3:20 PM | Rebuttal and discussion

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

4:50 PM Should I repair the valves during LVAD implantation?
Speaker: Dr. Muhammad Salman

5 PM Novel therapies for pulmonary hypertension
Speaker: Dr. Marco Caccamo

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

AGENDA

SUNDAY

11.03.19

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. Chalak Berzingi, Dr. Mark Bates, Dr. Elie Gharib, Dr. Dean Wolz, Dr. Brijesh Patel, Dr. David Tingler, 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

10:30 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. Hal Roberts

11:50 AM-12:30 PM

Cases for success in EP

11:50 PM

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:

30,666 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.