

The CME/CNE-accredited symposium, **Current Advances in Heart & Vascular Care 2020** will be presented Saturday, February 29, 2020 at the Sheraton Valley Forge Hotel, 480 North Gulph Road, King of Prussia, PA 19406. Please review the attached exhibitor agreement and agenda.

Exhibit space is available during this event at **\$2,500**. Each exhibitor will receive a standard 8' table. A tablecloth and electric will be provided, if needed. Your company will be acknowledged in the conference materials, on the signage and by the course director(s) during the welcome address. Exhibits will be set-up in the Ballroom foyer. This high-traffic area is designated for breakfast and breaks. We anticipate approximately 200 attendees and speakers. **Please act quickly as space is limited!**

### **Program Overview and Target Audience**

The overall goal of the conference is provide the most current, evidence-based strategies for managing cardiovascular disease. The goal is to increase the knowledge of the interprofessional and multidisciplinary learners by providing them with the ability to provide high quality, cost effective care that will lead to superior, improved patient outcomes.

This activity has been designed for primary care physicians, interventional cardiologists, clinical cardiologists, cardiac surgeons, vascular surgeons, hospitalists, emergency medicine specialists, interventional radiologists, nurses, physician assistants, technologists and other members of the health care team who want to enhance their knowledge of current advances in the management of patients with heart and vascular disease.

If you are interested in reserving exhibit space, please complete and sign the attached Exhibitor Agreement and return it along with your exhibit fee to:

Crystal Mathis  
Academic Programs  
Perelman School of Medicine/CME  
JMEC, SPE, 6th floor  
University of Pennsylvania  
3400 Civic Center Blvd, Bldg. 421  
Philadelphia, PA 19104-5162  
Phone: 215-898-8005/Fax: 215-573-3663  
Email: [ycry@upenn.edu](mailto:ycry@upenn.edu)  
<https://upenn.cloud-cme.com/CAHVC20>



**Penn Medicine**

Continuing Medical and  
Interprofessional Education

# **CURRENT ADVANCES IN HEART & VASCULAR CARE 2020**

A CME/CNE-ACCREDITED CONFERENCE

**Saturday, February 29, 2020**

**REGISTRATION 7:00 AM – 7:30 AM**

**SCIENTIFIC PROGRAM 7:30 AM – 3:00 PM**

**Sheraton Valley Forge Hotel  
480 North Gulph Road  
King of Prussia, PA 19406**



IN CONJUNCTION WITH



**Penn Medicine**  
Chester County Hospital

COURSE DIRECTORS

**Timothy Boyek, MD**

**Mian A. Jan, MD**

**W. Clay Warnick, MD**

**Steven J. Weiss, MD, MBA**

**<https://upenn.cloud-cme.com/CAHVC20>**



## Program Overview & Target Audience

*Current Advances in Heart & Vascular Care 2020* will provide the most current, evidence-based strategies for managing cardiovascular disease. The goal is to increase the knowledge of the interprofessional and multidisciplinary learners by providing them with the ability to provide high quality, cost effective care that will lead to superior, improved patient outcomes.

This activity has been designed for primary care physicians, interventional cardiologists, clinical cardiologists, cardiac surgeons, vascular surgeons, hospitalists, emergency medicine specialists, interventional radiologists, nurses, physician assistants, technologists and other members of the health care team who want to enhance their knowledge of current advances in the management of patients with heart and vascular disease.

### Course Objectives:

Upon completion of this activity, participants should be able to:

- Apply evidence-based medicine to provide appropriate care for patients in cardiogenic shock.
- Apply evidence-based medicine while understanding symptoms, risk factors, causes and treatments of aortic dissection.
- Identify the role of artificial intelligence technology in determining valvular heart disease.
- List 2 or more specific important clinical signs clearly seen on echocardiogram or other cardiac imaging.
- Describe new techniques, medications and procedures utilized in the care of the patient with cardiovascular disease.
- Describe methods and strategies to prevent medical professional burn-out.
- Apply evidence-based knowledge in the treatment of patients with hypertension.

### Hosting Department and Organization

*Current Advances in Heart & Vascular Care 2020* is hosted by the Department of Heart and Vascular Services at Chester County Hospital.

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**Services for the Disabled** If special arrangements are required for an individual with a disability to attend this conference, please contact the Office of Continuing Medical and Interprofessional Education no later than February 14, 2020 at 215-898-8005.



## Accreditation and Credit Designation



In support of improving patient care, Penn Medicine 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 healthcare team.

## Designation of Credit

**Physicians:** Penn Medicine designates this live activity for a maximum of 6.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Nurses:** This program provides 6.5 contact hours.

**Physician Assistants:** AAPA accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credit™* from organizations accredited by ACCME or a recognized state medical society. PAs may receive a maximum of 6.5 Category 1 credits for completing this activity.

**Certificates and Transcripts:** After the conference has concluded, all participants will receive a follow-up email with instructions and a link. Once participants submit the request for credit, the earned credits will be available for viewing on your transcript or available for printing at <https://upenn.cloud-cme.com>. Please note that the individual certificate will not be mailed.

## Disclosures

Penn Medicine, Office of Continuing Medical and Interprofessional Education, adheres to the *ACCME Standards for Commercial Support*. Faculty disclosure information will be made available in the conference materials and syllabi. Faculty members are also expected to disclose to participants any discussions of off-label and/or investigational uses of pharmaceutical products or devices within their presentations.

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**Nondiscrimination Statement** The University of Pennsylvania values diversity and seeks talented students, faculty, and staff from diverse backgrounds. The University of Pennsylvania does not discriminate on the basis of race, sex, sexual orientation, gender identity, religion, color, national or ethnic origin, age, disability, or status as a Vietnam Era Veteran or disabled veteran in the administration of educational policies, programs or activities; admissions policies; scholarship and loan awards; athletic, or other University administered programs or employment. Questions or complaints regarding this policy should be directed to Executive Director, Office of Affirmative Action and Equal Opportunity Programs, 3600 Chestnut Street, Sansom Place East Suite 228, Philadelphia, PA 19104-6106 or 215-898-6993 (Voice) or 215-898-7803 (TDD). [www.upenn.edu/affirm-action](http://www.upenn.edu/affirm-action).



Chester County Hospital | 701 East Marshall Street, West Chester, PA

## Registration Fees

The registration fees for the *Current Advances in Heart & Vascular Care 2020* are the following: \$99 for Physicians or Industry Representatives, \$79 for Physician Assistants, Nurse Practitioners and Certified Registered Nurse Anesthetists. \$59 for Nurses and Healthcare Professionals.

ATTN Chester County Hospital and Penn Medicine employees, faculty and staff: The registration fee is \$49. In order to register at the reduced rate, you must sign into your account at <https://upenn.cloud-cme.com> and register online.

The registration fee includes attendance to the conference, a course booklet, a link to view the presentations online, continental breakfast, mid-morning and afternoon breaks as well as lunch.

If you are registering with a credit card, please register online at <https://upenn.cloud-cme.com/CAHVC20>. We cannot accept faxed or mailed registration forms with credit card information. To pay by check, complete the registration form and mail it in with your check. Please see the registration form for mailing information.

Please note: mailed registrations can take up to 5-10 business days before they are received. All registrations will be confirmed by email as long as your registration is received no later than February 26, 2020.

## Cancellation and Refund Policy

In order to process refunds for course withdrawals, cancellations must be received in writing by February 14, 2020 and are subject to a \$15.00 service charge. No refunds will be issued thereafter.

The University reserves the right to cancel or postpone this course due to unforeseen circumstances. In the event of a cancellation or postponement, the University will refund registration fees but is not responsible for related costs or expenses to participants, including cancellation fees assessed by hotels, airlines, and travel agencies.

## Meeting Location

*Current Advances in Heart & Vascular Care 2020* will be held Saturday, February 29, 2020 at the Sheraton Valley Forge Hotel, 480 North Gulph Road, King of Prussia, PA 19406. Phone: 484-238-1800. For more information on the Sheraton Valley Forge Hotel, please visit their website at <http://www.sheratonvalleyforge.com>. If you require an overnight reservation, call Sheraton Valley Forge Hotel reservations directly at 484-238-1800.

Please note: There is no special room rate being offered for this conference. Pricing and rooms are subject to availability.

**Parking:** The Sheraton Valley Forge offers complimentary self-parking.



## **COURSE DIRECTORS**

### **Timothy Boyek, MD**

*Chief of Cardiology Section  
Medical Director of Invasive Cardiology  
Chester County Hospital  
West Chester, PA*

### **Mian A. Jan, MD**

*Interventional Cardiologist  
Chester County Hospital  
West Chester, PA*

### **W. Clay Warnick, MD**

*Director, Cardiovascular Program  
Medical Director, Heart Failure Program  
Chester County Hospital  
West Chester, PA*

### **Steven J. Weiss, MD, MBA**

*Chief of Cardiac Surgery  
Chester County Hospital  
West Chester, PA*

## **COURSE FACULTY**

### **Aneesha K. Dhargalkar, MD**

*Staff Physician  
Chester County Hospital  
West Chester, PA*

### **Ambereen Jan, MD**

*Staff Physician  
Mainline Health Physician Partners  
Exton, PA*

### **Ron M. Jacob, MD, FACC, FASE, FSCCT**

*Staff Cardiologist  
Penn Medicine Lancaster General Health  
Lancaster, PA*

### **David Brian Jones, MSN, CRNP, ACNP-BC**

*Acute Care Nurse Practitioner  
Program Manager, Penn Medicine Heart Valve Services  
University of Pennsylvania Health System  
Penn Medicine Heart Valve Center  
Philadelphia, PA*

### **Amanulla Khaji, MD**

*Staff Cardiologist  
Chester County Hospital  
West Chester, PA*



**Michael R. Lattanzio, DO**

*Staff Physician*

*Mainline Health Physician Partners*

*Exton, PA*

**Joseph V. Lombardi, MD, FACS**

*Professor of Surgery*

*Head, Division of Vascular and Endovascular Surgery*

*Director, Cooper Aortic Center*

*Director, Level One Vascular Emergency Program*

*Cooper University Healthcare*

*Camden, NJ*

**Jane O'Neill, MSN, ACNP**

*Nurse Practitioner*

*Chester County Hospital*

*West Chester, PA*

**Valerie B. Penders, CRNP**

*Nurse Practitioner*

*Chester County Hospital*

*West Chester, PA*

**Andrew Peterson, PharmD, PhD**

*John Wyeth Dean Emeritus*

*Executive Director, Substance Use Disorders Institute*

*Professor of Clinical Pharmacy*

*Professor of Health Policy*

*University of the Sciences*

*Philadelphia, PA*

**J. Eduardo Rame, MD, FACC**

*Louis R. Dinon MD Professor of Cardiovascular Medicine  
and Physiology*

*Jefferson Health Enterprise*

*Chief for Advanced Cardiac and Pulmonary Vascular Disease*

*Thomas Jefferson University Hospital*

*Philadelphia, PA*

**Donna M. Reed, DO**

*Medical Director Noninvasive Cardiology*

*Chester County Hospital*

*West Chester, PA*

**Kevin Sowti, MD, MBA**

*Chief, Section of Hospital Medicine*

*Medical Director, Hospitalists*

*Vice Chief of Staff*

*Chester County Hospital*

*West Chester, PA*

# CURRENT ADVANCES IN HEART & VASCULAR CARE 2020

## A G E N D A

7:00 AM – 7:30 AM

### Registration and Continental Breakfast

7:30 AM – 7:35 AM

### Opening Remarks

*W. Clay Warnick, MD*

7:35 AM – 8:10 AM

### Management of Cardiogenic Shock

- Describe the role of temporary circulatory support devices in managing cardiogenic shock
- Review of shock algorithms for treatment

*J. Eduardo Rame, MD*

8:10 AM – 8:35 AM

### Which Stress Test to Order and When

- Identify the most appropriate stress test based on patient presentation

*Donna M. Reed, DO*

8:35 AM – 9:05 AM

### Primary & Secondary Hypertension

- Review the current guidelines and how to apply them
- Describe the role of medication therapy in the treatment of chronic kidney disease

*Ambereen Jan, MD and Michael R. Lattanzio, DO*

9:05 AM – 9:20 AM **Questions & Answers**

9:20 AM – 9:35 AM **Break**

9:35 AM – 10:00 AM

### The Strength of High Sensitivity Troponin

- Identify two changes in the reporting of high sensitivity troponin as compared to contemporary Troponin I reporting and the criteria to make a diagnosis of MI
- Review the impact of the delta of the hs troponin

*Timothy Boyek, MD*

10:00 AM – 10:25 AM

### Management of Atrial Fibrillation and the Utilization of Smart Devices

- Discuss the role of fitness apps and trackers in the management of afib
- Provide an update on pharmacological management of afib and devices used to identify afib

*Jane O'Neill, ACNP*

10:25 AM – 10:50 AM

### What you Really Need to Know: Cardiac Imaging Reports

- Discuss key elements in cardiac imaging reports
- Review the role of echo as a diagnostic tool, when is it appropriate

*Ron M. Jacob, MD, FACC, FASE, FSCCT*

**Saturday, February 29, 2020**

Sheraton Valley Forge Hotel

480 North Gulph Road, King of Prussia, PA 19406

10:50 AM – 11:15 AM

**4th & 1: Strategic Primary Care Approaches  
to Valvular Heart Disease**

- Identify local demographic and incidence of Valvular heart disease
- Review current treatment options of Valvular heart disease
- Discuss common post-valvular intervention findings and associate treatment approaches

*David Brian Jones, MSN, CRNP, ACNP-BC*

11:15 AM – 11:30 AM **Questions & Answers**

11:30 AM – 12:00 PM **Lunch**

12:00 PM – 12:30 PM

**The Chest Pain You Never Want to Miss – Aortic Dissection**

- Identify early symptoms, risk factors, and treatment of aortic dissection

*Joseph V. Lombardi, MD, FACS*

12:30 PM – 12:55 PM

**Getting to the Heart of the Matter: Cannabis and Your Patient**

- Identify components of cannabis and the role of the endocannabinoid system in humans
- Identify potential drug-drug interactions and side effects of THC and CBD

*Andrew Peterson, PharmD, PhD*

12:55 PM – 1:20 PM

**AI Assisted Diagnosis of Valvular Heart Disease – ARGUS**

- Define artificial intelligence
- Discuss common diagnoses associated with valvular heart disease

*Steven J. Weiss, MD, MBA*

1:20 PM – 1:35 PM **Questions & Answers**

1:35 PM – 1:45 PM **Break**

1:45 PM – 2:10 PM

**Medical Professional Burnout**

- Describe methods and strategies to prevent medical professional burnout

*Kevin Sowti, MD, MBA and Aneesha K. Dhargalkar, MD*

2:10 PM – 2:35 PM

**Doc of the Day Panel: “Can You See This Patient Today?”...**

- Discuss the risk stratification recommendations for common presentations such as chest pain or syncope

*Mian Jan, MD, Amanulla Khaji, MD and Valerie Penders, CRNP*

2:35 PM – 2:55 PM **Questions & Answers**

2:55 PM – 3:00 PM **Closing Remarks and Adjourn**

## REGISTRATION FORM

# Current Advances in Heart & Vascular Care 2020

## Saturday, February 29, 2020

If you are registering using your credit card, please register online at:  
<https://upenn.cloud-cme.com/CAHVC20>

### Questions? Contact us at:

Phone: 215-898-6400 or 215-898-8005

[penncme@pennmedicine.upenn.edu](mailto:penncme@pennmedicine.upenn.edu)

**Please note we are unable to accept faxed registration forms.**

Please print or type

Name (First)		(Last)
Academic Degree		
Medical Specialty		
Affiliation (Hospital, Office, or Company)		
Address ( <input type="checkbox"/> Affiliation or <input type="checkbox"/> Home)		
City	State	Zip
Phone	Fax	
E-mail		

### Registration Fee (pre-payment is required to be officially registered)

- ☐ \$99 for Physicians or Industry Representatives
- ☐ \$79 for Physician Assistants, Nurse Practitioners, Certified Registered Nurse Anesthetists
- ☐ \$59 for Nurses and Healthcare Professionals
- ☐ \$49 for Chester County Hospital and Penn Medicine employees, faculty and staff with a valid Chester County Hospital or Penn Medicine ID.

Chester County Hospital and other Penn Medicine Affiliates:

In order to register at the reduced rate, you must sign into your account at <https://upenn.cloud-cme.com> using your Penn Medicine email and register online.

### Payment Method

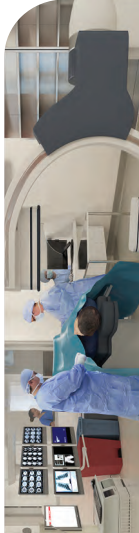
- If you are paying by credit card, please register online at <https://upenn.cloud-cme.com/CAHVC20>.
- If you are paying by check, you may mail your completed registration form and check made payable to **The Trustees of the University of Pennsylvania/CME** to: Conference Manager, Office of Continuing Medical & Interprofessional Education Academic Programs, Penn Medicine, JMEC, SPE, 6th floor 3400 Civic Center Blvd, Bldg. 421, Philadelphia, PA 19104-5162
- Do not include any credit card information on the registration form or email any credit card information

Please Note: Walk-in registrants must bring payment to the program.  
Seating may be limited for walk-in registrants.



**Penn Medicine**  
Continuing Medical and  
Interprofessional Education

Office of Continuing Medical & Interprofessional Education  
Academic Programs, Penn Medicine  
JMEC, SPE, 6th floor  
3400 Civic Center Blvd, Bldg. 421  
Philadelphia, PA 19104-5162



## **Current Advances in Heart & Vascular Care 2020**

A CME/CNE-Accredited Conference

**Saturday, February 29, 2020**

Sheraton Valley Forge Hotel  
480 North Gulph Road  
King of Prussia, PA 19406

**Exhibitor Agreement**

*Current Advances in Heart & Vascular Care 2020*  
Saturday, February 29, 2020

Company Name: \_\_\_\_\_ ("Exhibitor")

**(As it will appear in the acknowledgement)**

☐ **Exhibit Fee: \$2,500.00 per Tabletop Exhibit**

**# of Tables Requested** \_\_\_\_\_ **@ \$2,500.00 each = \$** \_\_\_\_\_

Representative Names (*only 2 representatives will be allowed on-site*):

1) \_\_\_\_\_ 2) \_\_\_\_\_

Email: \_\_\_\_\_ Email: \_\_\_\_\_

Phone: \_\_\_\_\_ Phone: \_\_\_\_\_

Fax: \_\_\_\_\_ Fax: \_\_\_\_\_

**Terms & Conditions**

All exhibitors are provided with an 8' table and chairs. Set-up begins on Saturday, February 29, 2020 at 6:00 am. If you require additional set-up time, please contact us, and we will assist in any way we can. Exhibitors should expect participants to begin arriving at 7:00 am. Although the exhibit area is secured, vendors are discouraged to leave any valuable items, such as laptops or phones unattended.

Breakdown of exhibits must be completed by 3:00 pm on Saturday, February 29, 2020.

**Display Information**

Exhibitors are responsible for supply, set-up, takedown, delivery, and any additional costs of display needs beyond the 8' skirted table. Please let us know what your needs are so that we can accommodate your display:

Will you be bringing your own tablecloth? ☐ Yes ☐ No

Will you need electricity for your display? ☐ Yes ☐ No

Will you bring your own extension cord? ☐ Yes ☐ No

What type of equipment is being displayed (lights, machines, etc.)? \_\_\_\_\_

How many pieces of equipment need electricity? \_\_\_\_\_

Do any machines require any special outlets for operation? Name outlet type: \_\_\_\_\_

What is the unit of voltage/amps? \_\_\_\_\_

What additional information regarding your exhibit should we know? \_\_\_\_\_

*Current Advances in Heart & Vascular Care 2020*  
Saturday, February 29, 2020

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**Meeting Location & Display Details**

Current Advances in Heart & Vascular Care 2020 will be held Saturday, February 29, 2020, in the Grand Ballroom at the Sheraton Valley Forge Hotel, 480 North Gulph Road, King of Prussia, PA 19406.

**Tables will not be designated.** Continental breakfast and breaks will be set-up among the exhibits in the foyer. Each exhibitor can expect to receive one 8" skirted table and two chairs. Please be sure your exhibit materials fit within the specs of 8'x8'. If needed, you are welcome to purchase additional booth space.

**Overnight Information**

There are no special room rates for the course. Please contact the [Sheraton Valley Forge Hotel](https://sheratonvalleyforge.com) directly if you are interested in overnight room reservations at 484-238-1800.

**Attendee Registration**

If you would like to attend any or all of the sessions during Current Advances in Heart & Vascular Care 2020, you must complete the registration form either online or by fax or mail and submit payment. Please visit <https://upenn.cloud-cme.com/CAHVC20> for registration and additional conference information. Please note: If you intend to exhibit and attend the conference, then you must also register and pay the conference registration fee.

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**Shipping Information**

*(Please label all boxes with the following information)*

Sheraton Valley Forge Hotel  
480 North Gulph Road  
King of Prussia, PA 19406  
Attention: Ansheai Spence-Jones/Jeff Sands  
484-238-1800

HOLD FOR BALLROOM  
Ansheai Spence-Jones  
Current Advances in Heart & Vascular Care 2020  
Saturday, February 29, 2020

[YOUR COMPANY] ♦ [REPRESENTATIVE'S NAME]  
Package # \_\_\_\_\_ of \_\_\_\_\_

**Please do not ship any materials to the venue  
before Friday, February 28, 2020**

**Payment Methods (check the one that applies):**

☐ Check

Make your check payable to the **Trustees of the University of Pennsylvania/CME** and return it with the completed exhibit agreement to the address below (Our Tax ID number is 23-1352685):

Crystal Mathis  
Academic Programs  
Perelman School of Medicine/CME  
JMEC, SPE, 6th floor  
University of Pennsylvania  
3400 Civic Center Blvd, Bldg. 421  
Philadelphia, PA 19104-5162

☐ Credit Card **(DO NOT INCLUDE CREDIT CARD INFORMATION ON THIS FORM)**

If paying by Credit Card, you may fax or email this completed form.

Fax: 215-573-3663 or Email: [ycry@upenn.edu](mailto:ycry@upenn.edu)

You will then be contacted by Crystal Mathis to complete the transaction.

Contact Person: \_\_\_\_\_

Phone: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Questions: [Elizabeth Butler](#): 215-898-6126 or [Crystal Mathis](#) or 215-898-8005

\*\*\*A wire transfer is also available for payment\*\*\*

Please contact Crystal Mathis at [ycry@upenn.edu](mailto:ycry@upenn.edu) for further instructions

**Terms & Conditions**

Educational activities in the exhibit area which appear to compete with the scientific program and present research results that are being presented concurrently in the scientific program are prohibited. This includes, but is not limited to, displaying posters or other promotional materials summarizing research results, promoting meeting faculty, or distributing meeting materials such as syllabi, handouts, slides, or invitations.

The only activities which may be appropriate in exhibits are for the purpose of informing meeting participants about an organization and its products and services.

The distribution (either for free or for sale) of educational enduring materials on-site that award CME credit, including but not limited to full-text reprints or copies of articles or journal self-study programs, audiotapes, videotapes, or CD ROMs, is prohibited.

Exhibitor assumes entire responsibility for all claims, losses, costs, expenses, and damages to persons or property, as well as governmental charges or fines and attorney's fees arising out of or caused by Exhibitor's installation, removal, maintenance, occupancy, or use of the exhibition premises or a part thereof.

In addition, Exhibitor does not hold the meeting venue or the University of Pennsylvania responsible for maintaining insurance to cover Exhibitor's property.

By signing below, you agree to the terms and conditions of this agreement.

\_\_\_\_\_  
Authorized Exhibitor Representative

\_\_\_\_\_  
Date