

# 2022

# Cardiovascular Update Conference



**Friday, May 6, 2022**

Bayfront Convention Center • 1 Sassafras Pier • Erie, Pa.

**JOIN US IN-PERSON OR VIRTUALLY**

## UPMC

**HEART AND  
VASCULAR INSTITUTE**

*CO-SPONSORED BY THE  
PHILADELPHIA COLLEGE OF  
OSTEOPATHIC MEDICINE*

**Course Directors:**

Robert Maholic, DO, FACC, FSVM  
Quentin Orlando, DO, FACC, FSCAI

**Approved:**

*AMA Category 1 Credit  
AOA Category 1-A Credit  
ANCC Credit  
AAPA Credit*

**Pending:**

*ASRT Credit*

## 2022 CARDIOVASCULAR UPDATE CONFERENCE

7:30 to 8:15 a.m.	<b>Registration/Continental Breakfast</b>
8:15 to 8:20 a.m.	<b>Introduction</b> <i>Jean Moubarak, MD, FACC</i>
8:20 to 8:50 a.m.	<b>COVID and the Heart</b> <i>Randy Jeffrey, MD, PhD</i>
8:50 to 9:20 a.m.	<b>Permanent Pacemakers: What You Need To Know</b> <i>Madhurmeet Singh, DO, FACC, FHRS</i>
9:20 to 9:50 a.m.	<b>Update on Pulmonary Embolism Therapies</b> <i>Robert Maholic, DO, FACC, FSVM</i>
9:50 to 10:05 a.m.	<b>Refreshment Break</b>
10:05 to 10:35 a.m.	<b>Contemporary Management of Thoracoabdominal Aneurysms</b> <i>Matthew TerBush, MD</i>
10:35 to 11:05 a.m.	<b>Mechanical Circulatory Support: Indication to Escalation</b> <i>Quentin Orlando, DO, FACC, FSCAI</i>
11:05 to 11:30 a.m.	<b>Q &amp; A Session</b> <i>Faculty Panel</i>
11:30 a.m. to 12:15 p.m.	<b>Lunch and Networking</b>
12:15 to 12:55 p.m.	<b>Interesting Cases — Are You Awake? The EKG Edition</b> <i>Eric Dueweke, MD; Robert Maholic DO, FACC, FSVM; Quentin Orlando, DO, FACC, FSCAI</i>
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	<b>KEYNOTE</b>
12:55 to 1:50 p.m.	<b>Heart Disease in Women</b> <i>Katie Berlacher, MD, FACC</i>
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1:50 to 2:05 p.m.	<b>Refreshment Break</b>
2:05 to 2:25 p.m.	<b>Heart Team Approach</b> <i>Naomi Teperow, CRNP</i>
2:25 to 2:55 p.m.	<b>Structural Heart Disease</b> <i>Francis Ferdinand, MD</i>
2:55 to 3:25 p.m.	<b>Cardiac Evaluation of an Athlete</b> <i>Christopher Good, DO</i>
3:25 to 3:50 p.m.	<b>Q &amp; A Session</b> <i>Faculty Panel</i>
3:50 p.m.	<b>Closing Remarks and Adjournment</b>

*“Gets better every year!”*

## GOAL

Join your colleagues and gain the latest updates and practice guidelines in cardiovascular care! This full-day symposium offers a comprehensive review of new diagnostic techniques and therapeutic treatments, the latest clinical trials, and state-of-the-art technology in contemporary cardiovascular medicine using concise didactic presentations, combined with a panel discussion and case presentations. Electronic handouts will be made available to conference attendees.

Following this course, the participant should be able to formulate a practical approach to common cardiovascular disorders; identify the appropriate tests that can be used to determine the severity of the patient problem and make an accurate diagnosis; discuss the various treatment options available; and recognize how to treat and when to refer cardiac patients. This activity is expected to result in increased confidence in making a diagnosis and providing effective treatment, referral, and follow-up care with the overall goal of improving patient outcomes.

## TARGET AUDIENCE

Family physicians, internists, cardiologists, cardiovascular thoracic surgeons, advanced practice providers, nurses, allied health professionals, and other health care professionals who treat and care for patients with heart disease will benefit from attending this educational activity.

## OBJECTIVES

*At the conclusion of this activity, the participant should be able to:*

- Describe the effects of COVID-19 on the heart
- Examine the cardiac imaging findings of COVID-19
- Compare the long-term cardiac effects of COVID-19 and vaccination
- Review pacemaker indications
- List factors that determine the type of pacemaker for an individual patient
- Describe normal pacemaker function and malfunction
- Identify tools to risk-stratified pulmonary embolism
- Describe the current state of treatment for pulmonary embolism
- Review available contemporary devices utilized by the heart team
- Discuss their role in the management of the cardiovascular patient
- Describe modern surgical and endovascular therapies for the treatment of thoracoabdominal aneurysms
- Discuss indications for repair of thoracoabdominal aneurysms
- Review interesting cases and cutting-edge treatments in cardiovascular medicine
- List two nontraditional risk factors for cardiovascular disease that affect women
- Describe the pathophysiology of spontaneous coronary artery disease (SCAD)
- Discuss the importance of a multidisciplinary heart team
- Identify heart problems related to structural dysfunction
- Discuss treatment options of aortic valve disease
- Discuss who should have cardiac screening before participating in athletics
- List what factors identify a patient to be at high risk of sudden death with high-intensity athletics



## ACCREDITATION

In support of improving patient care, the University of Pittsburgh 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.

## PHYSICIAN (CME)

The University of Pittsburgh designates this live activity for a maximum of **6.25 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## NURSING (CNE)

The maximum number of hours awarded for this Continuing Nursing Education activity is 6.25 contact hours. Nurses should only claim credit commensurate with the extent of their participation.

## PHYSICIAN ASSISTANT (AAPA)

The University of Pittsburgh has been authorized by the American Academy of PAs (AAPA) to award AAPA Category 1 CME credit for activities planned in accordance with AAPA CME Criteria. This activity is designated for 6.25 AAPA Category 1 CME credits. PAs should only claim credit commensurate with the extent of their participation.

## AOA ACCREDITATION

The Philadelphia College of Osteopathic Medicine is accredited by the American Osteopathic Association to provide osteopathic continuing medical education for physicians. The Philadelphia College of Osteopathic Medicine designates this program for a maximum of six and one quarter hours of AOA Category 1-A credits and will report CME and specialty credits commensurate with the extent of the physician's participation in this activity.

## AMERICAN SOCIETY OF RADIOLOGIC TECHNOLOGISTS CREDIT (ASRT)

ASRT Credit is pending approval.

## OTHER HEALTH CARE PROFESSIONALS

Other health care professionals will receive a certificate of attendance confirming the number of contact hours commensurate with the extent of participation in this activity.

## DISCLOSURE

Faculty for this activity have been required to disclose all relationships with any proprietary entity producing health care goods or services, with the exemption of nonprofit or government organizations and non-health-care-related companies.

## COURSE DIRECTORS

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*Robert Maholic, DO, FACC, FSVM*  
Department of CV Medicine and Surgery  
UPMC Hamot

*Quentin Orlando, DO, FACC, FSCAI*  
Department of CV Medicine and Surgery  
UPMC Hamot

## KEYNOTE SPEAKER

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*Kathryn L. Berlacher MD, FACC\**  
Assistant Professor of Medicine  
Program Director of Cardiovascular Fellowship  
Medical Director of the Magee-Womens  
Heart Program  
UPMC, Pittsburgh, Pa

## UPMC HAMOT PLANNING COMMITTEE

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*Haylee Esposito*  
*Tina Gregory*  
*Samantha Jenkins, PA-C*  
*Debbie Morton, BSN, RN, NPD-BC*

## UPMC FACULTY

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*Eric Dueweke, MD, FACC\**  
UPMC Heart and Vascular Institute  
University of Pittsburgh Physicians

## UPMC HAMOT FACULTY

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### Division of Cardiology

*Patrick Bannon, MD, FACC*  
*Paul Demjanenko, MD, FACC*  
*Christopher Good, DO\**  
*Kelly Hayes, MD, PhD*  
*Randy Jeffrey, MD, PhD\**  
*Gurjaipal Kang, MD, FACC, FACP, FSCAI*  
*Mohammad Karim, MD*  
*Robert Maholic, DO, FACC, FSVM\**  
*Erin Mattocks, DO*  
*Jean Moubarak, MD, FACC*  
*Quentin Orlando, DO, FACC, FSCAI\**  
*Erica Penny-Peterson, MD*  
*Richard Petrella, MD, FACC, FACP, FSCAI, FSVM*  
*Bryan Schwartz, MD*  
*Madhurmeet Singh, DO, FACC, FHRS\**  
*David Strasser, MD, FACC, FASE, FACP*  
*Timothy Trageser, MD, FACC*  
*Jonathon Wertz, MD*

### Division of CVT Surgery

*Daniel Ciaburri, MD, FACC, FACS, MBA*  
*Francis Ferdinand, MD\**  
*Leo Fitzgibbon, MD, FACS*  
*Walter Rizzoni, MD, FACS*  
*Richard Sheppeck, MD*  
*Matthew TerBush, MD\**

### Heart Valve Clinic

*Naomi Teperow, CRNP\**  
Director, Valve Clinic and  
Transcatheter AVR Program  
UPMC Hamot

*\*Speakers*



## LOCATION

The conference is being held at the Bayfront Convention Center, overlooking the bay, at 1 Sassafraz Pier, Erie, Pa.

## ATTIRE

Attire for the conference is business casual. Since meeting room temperatures and personal comfort levels vary, **it is recommended that you bring a sweater or jacket to the conference.**



# 2022 Cardiovascular Update Conference

## **TWO WAYS TO ATTEND THIS HYBRID CONFERENCE:**

### **In Person at the Bayfront Convention Center.**

Registration fees include the seminar, continental breakfast, refreshment breaks and lunch.

### **Virtually via Zoom.**

Registrants will be emailed a Zoom link three days prior to the conference. Virtual attendees will be able to ask questions using the Q&A function in Zoom.

## **REGISTRATION**

### **In-Person Registration Fees**

Physicians .....	\$120
Advanced Practice Providers .....	\$75
Nurses/Other Health Care Providers .....	\$60
Residents/Students .....	\$30

### **Virtual Registration Fees**

Physicians .....	\$90
Advanced Practice Providers .....	\$45
Nurses/Other Health Care Providers .....	\$30
Residents/Students .....	Free

All registration will be through our online registration site at: <https://cce.upmc.com/upmchamot2022cardiac>. Click the “Register” button and enter all the requested information. After registering, an electronic confirmation will be sent to you. Online registration is complete upon receipt of a confirmation email. If you do not receive this letter within 5–7 days of registration, please contact the UPMC Hamot CME Department at 814-877-5691.

**If you need to pay by check, please call the Hamot CME Department at 814-877-5691 or send an email to [HAM\\_CME@upmc.edu](mailto:HAM_CME@upmc.edu).**

*UPMC Hamot reserves the right to cancel this program if sufficient registrations are not received. In the case of cancellation, registration fees will be fully refunded. Preregistrants will be informed of the cancellation via email, or phone if no email address is given.*

## **CANCELLATION POLICY**

Registrations will be fully refunded if notified by May 2, 2022. If you registered using a scholarship and fail to notify of a cancellation, you will be responsible to pay an administration fee. Please notify UPMC Hamot's CME Department of any cancellations, via email to [ham\\_cme@upmc.edu](mailto:ham_cme@upmc.edu) or by telephone at 814-877-5691.

## **HELP US HELP YOU:**

**Do you have a question that you would like to submit to the speakers in advance?**

Send an email to [HAM\\_CME@upmc.edu](mailto:HAM_CME@upmc.edu) titled "Cardiac Update Question."

These questions will be compiled and presented at the panel discussion sessions along with questions from the audience.

## **SPECIAL NEEDS**

Participation by all individuals is encouraged. Advance notification of any special needs (i.e. gluten-free or vegan meal, private room for nursing mothers, handicap accessibility) will help us provide better service. Please notify us of your needs at least two weeks in advance of the program by calling UPMC Hamot's CME office at 814-877-5691.

## **SCHOLARSHIPS AVAILABLE TO NONPHYSICIAN UPMC EMPLOYEES!**

These will be allocated on a first-come, first-served basis. To register under a scholarship, please visit the website [cce.upmc.com/UPMCHAMOT2022cardiac](https://cce.upmc.com/UPMCHAMOT2022cardiac) and choose the scholarship registration option.

**You must use your UPMC email when registering. Emails will be monitored to ensure compliance.**