

# CVI's Electrophysiology & Arrhythmia Management Update

Sunday, February 23, 2025

Marriott Philadelphia West 111 Crawford Avenue, West Conshohocken, PA

### **Course Directors:**

Edmond Cronin, MD Balaram Krishna Hanumanthu, MD Scott Hessen, MD Reginald Ho, MD Danesh Modi, DO Colin Movsowitz, MD Steven Rothman, MD





6.25 CME/CEU Credits for All

**6.25** ABIM MOC Knowledge Points for Physicians Who Board Certify



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## **Program Overview**

### **Program Description**

Join us for a comprehensive exploration of Electrophysiology and Arrhythmia Management, where you'll delve into essential topics such as new device therapies like EV ICDs, Subq ICDs, and dual-chamber devices, as well as the role of pacemakers in managing HFpEF. You'll enhance your ECG interpretation skills through focused sessions on wide complex tachycardia and distinguishing benign from pathologic AV block, while also learning about the impact of artificial intelligence in the field. A case-based approach to ablation in AFib and heart failure will provide practical insights into various energy modalities, complemented by discussions on the React AF trial and clinical decision-making for non-sustained VT. Additionally, we'll examine how heart failure parameters influence the management of cardiac implantable electronic devices (CIEDs). This program promises to broaden your expertise and understanding of the evolving landscape of arrhythmia management.

#### **Intended Audience**

This program is designed for a diverse healthcare audience, including cardiologists, electrophysiologists, primary care, emergency, family practice, internal and geriatric medicine physicians, fellows, residents, nurse practitioners, physician assistants, nurses, and EP Lab staff.

### **Overall Learning Objectives**

By the end of this conference, participants will be able to integrate advanced knowledge and innovative strategies into clinical practice for the management of complex cardiovascular conditions. Specifically, attendees will:

- Identify at least three key features and clinical indications of EV ICDs, Subq ICDs, and dual-chamber devices.
- Describe the role of pacemakers in managing HFpEF and outline two specific patient scenarios where pacing therapy is beneficial.
- Explain the significance of maintaining sinus rhythm in patients with arrhythmias and discuss two future strategies to enhance sinus rhythm restoration.
- Interpret ECG findings related to wide complex tachycardia and differentiate between benign and pathologic AV block.
- Summarize three applications of artificial intelligence in electrophysiology and evaluate its impact on clinical decision-making.
- Assess the appropriateness of ablation therapy in at least two case scenarios involving AFib and heart failure.
- Compare the efficacy and safety profiles of at least three different energy modalities used in ablation therapies.
- Summarize the key findings from the React AF trial and discuss their implications for clinical practice in managing atrial fibrillation.
- Outline a management plan for a patient with non-sustained VT based on remote monitoring data and clinical guidelines.
- Identify at least three heart failure parameters that should be considered when selecting and managing cardiac implantable electronic devices (CIEDs) in patients.

## Program Overview continued

#### **Accreditation Statement**



In support of improving patient care, this activity has been planned and implemented by CME Outfitters. LLC, and the Cardiovascular Institute of Philadelphia. CME Outfitters. LLC 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.

Physicians (ACCME): CME Outfitters. LLC. designates this live activity for a maximum of 6.25 AMA PRA Category 1 Credit(s) ™ Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurses (ANCC): This activity is designated for 6.25 contact hours.

Note to Nurse Practitioners: the content of this CNE activity pertains to Pharmacology.



Physician Assistants (AAPA): CME Outfitters. LLC, 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.

#### **ABIM MOC Credit**



Successful completion of this CME activity, which includes participation in the evaluation component. enables the participant to earn up to 6.25 MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.



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## **Faculty**

#### **Course Directors**

#### **Edmond Cronin, MB BCh BAO**

Associate Professor Lewis Katz School of Medicine at Temple University Director, Electrophysiology Laboratory Temple University Hospital

#### Balaram Krishna Hanumanthu, MD

Assistant Professor of Clinical Medicine University of Pennsylvania

#### Scott E. Hessen, MD

Chief Medical Information Officer Cardiac Electrophysiologist Cardiology Consultants of Philadelphia at Jefferson

#### Reginald T. Ho, MD

Professor of Medicine Sidney Kimmel Medical College at Thomas Jefferson University

#### Danesh Modi, DO

Cardiac Electrophysiologist Cardiology Consultants of Philadelphia at Jefferson

#### Colin M. Movsowitz, MD

Cardiac Electrophysiologist Cardiology Consultants of Philadelphia Lankenau Heart Institute at Paoli

#### Steven A. Rothman, MD

Clinical Associate Professor Lankenau Institute of Medical Research Medical Director, Lankenau Heart Group

#### **Program Faculty**

#### Behzad Pavri, MD

Professor of Medicine Director, CCEP Fellowship Program Thomas Jefferson University

#### **Hugh Calkins, MD**

Catherine Ellen Poindexter Professor of Cardiology Director of the Electrophysiology Laboratory and Arrhythmia Service Johns Hopkins Hospital

#### Joshua Cooper, MD

Director of Cardiac Electrophysiology Temple University Health System

#### John Harding, MD

Cardiac Electrophysiologist Doylestown Health

#### Margaret Infeld, MD, MS

Cardiac Electrophysiologist Tufts Medical Center

#### Suraj Kapa, MD

Associate Professor of Medicine Director of the Electrophysiology Laboratory Mayo Clinic

#### Alanna Miller, CRNP

Nurse Practitioner University of Pennsylvania

#### Rod Passman, MD, MSCE

Jules J. Reingold Professor of Electrophysiology Professor of Medicine and Preventive Medicine Northwestern University

#### Eric Prystowsky, MD

Cardiologist
Ascension Medical Group
Director of the Cardiac Arrhythmia Service
St. Vincent Hospital, Indianapolis

#### Rob Sangrigoli, MD

Director of Electrophysiology Doylestown Health

#### Gregory Supple, MD

Associate Professor of Clinical Medicine University of Pennsylvania

#### **Conflict of Interest Disclosure Policy**

It is the policy of CME Outfitters, LLC, to ensure independence, balance, objectivity, and scientific rigor and integrity in all of their CE activities. Faculty must disclose to the participants any relationships with commercial companies whose products or devices may be mentioned in faculty presentations, or with the commercial supporter of this CE activity. CME Outfitters, LLC, has evaluated, identified, and mitigated any potential conflicts of interest through a rigorous content validation procedure, use of evidence-based data/research, and a multidisciplinary peer review process.

#### Disclosure of Unlabeled Use

Faculty of this CE activity may include discussions of products or devices that are not currently labeled for use by the FDA. The faculty have been informed of their responsibility to disclose to the audience if they will be discussing off-label or investigational uses (any uses not approved by the FDA) of products or devices.

# **Program Agenda**

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Registration and Breakfast
<b>Opening and Review</b>
New Device Therapies: EV-ICD, S-ICD, and Dual Chamber Leadless Devices  Joshua Cooper, MD
Pacemakers in the Management of HFpEFMargaret Infeld, MD, MS.8:30 am - 9:00 am
Sinus Rhythm: A Bridge to the Future Eric Prystowsky, MD
ECG Interpretation Session: Diagnosing Wide Complex Tachycardia (WCT) Joshua Cooper, MD & Eric Prystowsky, MD Moderator: Steven Rothman, MD
<b>BREAK</b>
The Role of Artificial Intelligence in Electrophysiology Suraj Kapa, MD
Ablation in AFib and Heart Failure: A Case-Based Approach Hugh Calkins, MD Interviewer: Edmond Cronin, MD
Energy Comparison for Ablation Therapies: Pulsed Field, Cryo, and Radiofrequency Ablation Robert Sangrigoli, MD & John Harding, MD
<b>LUNCH</b>
<b>ECG Interpretation Session: Differentiating Benign from Pathologic AV Block</b> Behzad Pavri, MD Moderator: Colin Movsowitz, MD
"Pill-in-Pocket" Anticoagulation for AF: Fact, Fiction, or Foolish?  Rod Passman, MD
Non-Sustained VT on Remote Monitoring: Clinical Decision-Making Gregory Supple, MD
The Role of Heart Failure Parameters in Cardiac Implantable Electronic Devices (CIEDs) Alanna Miller, CRNP
<b>Review &amp; Closing</b>



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## CVI's EP/Arrhythmia Management Update

Sunday, February 23, 2025



## **Registration Form**

Qty.	Туре	Fee	Total
	Physician & Industry	<b>\$200</b> (\$250 after 1/23/25)	
	Physician with MOC Points	<b>\$250</b> (\$300 after 1/23/25)	
	Fellows & Residents	Complimentary Registration	
	Advanced Practice Providers, Nurses, Sonographers,	<b>\$150</b> (\$200 after 1/23/25)	
		GRAND TOTAL	
		'	

Name		
Degree		
Cell Phone		
Email address:		
Clinical Position		
Clinical Affiliation Name		
Mailing Address		
City	Zip	
Is this address work? Home? Other?		

### **Important Notes:**

You MUST register in advance to attend the sessions. Register online at cviphiladelphia.org.

Please make checks payable to:

Cardiovascular Institute of Philadelphia 825 Mearns Road, Warminster, PA 18974

Phone: 215-389-2300

#### **Course Registration Cancellation Policy:**

Requests in writing for refunds, less \$35 administrative fee, by January 25, 2025 processed after the meeting. Registrations are transferable with prior notification to CVI by January 25, 2025.

□ Visa □ MC □ Amex	
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