

CVI's 11th Annual EP/Arrhythmia Management Update

Virtual Program*

Session 1

Sun. Feb. 27, 2022 (3.0 Credits)

Session 2

Mon. Feb. 28, 2022 (2.0 Credits)

Session 3

Wed. Mar. 2, 2022 (2.75 Credits)

On-Demand Recorded Sessions
for Credits Too!

Through Apr. 15, 2022

\$35 Early-Bird
Registration Discount
& Free Apple iPad
Drawing by 2/9/22



Keynote Presentation:
**Being a Medical Conservative:
Why Science Matters in Electrophysiology**

John M. Mandrola, MD, FACC

Chief Cardiology Consultant, TheHeart.org | Medscape Cardiology
Electrophysiologist
Louisville Cardiology Group/Baptist Health Medical Group Cardiology



7.75 CME/CEU Credits for All
7.0 ABIM MOC Knowledge Points

Course Directors:

Scott Hessen, MD
Charles Gottlieb, MD
Colin Movsowitz, MD

Matthew Goldstein, MD
Steven Rothman, MD
Reginald Ho, MD

Robert Schaller, DO
Erica Zado, PA-C
Edmond Cronin, MD

Jointly provided by:



Register online: cviphiladelphia.org

*This program will be presented virtually as the COVID-19 virus continues to have an increased impact in our community.

Goals & Objectives

Why you should attend:

CVI's 11th Annual EP/Arrhythmia Management Update focuses on updates in electrophysiology of which everyone in clinical practice should be aware to provide outstanding care and improve outcomes for patients with arrhythmias and various electrophysiologic syndromes. This year's program focuses on: Risk Factor Modification for Treatment of A Fib; LAA Occlusion or Exclusion for Stroke Prevention; ECGs from the Emergency Room; Evolution of A Fib Ablation; and a physician's personal story of the Journey Through SCD and the S-ICD. Session 2 continues with Dr. Mandrola's Keynote Presentation on Being a Medical Conservative – Why Science Matters in Electrophysiology; Case-based Approach to the Concomitant Use of Anticoagulants and Antiplatelets; and Current and Future Monitoring Strategies. We conclude in Session 3 with a point-counterpoint session on VT Management Strategies: Ablation or Antiarrhythmic Drug Therapy; Novel Device Therapies for Heart Failure; and EP Lab Complications: Good, Bad and How to Avoid Ugly Device Infections and Groin Complications.

Our agenda also offers physicians the opportunity to receive up to 7.0 MOC Knowledge Points from the ABIM.** Awarding of MOC points requires additional minimal fee, attestation, post program evaluation and test questions.

Target Audience:

Cardiologists, electrophysiologists, primary care, emergency, family practice, heart failure specialists, internal and geriatric medicine physicians, fellows, residents, nurse practitioners, physician assistants, nurses, EP Lab staff and certified medical assistants who participate in the care of patients with arrhythmias, cardiac rhythm disorders and cardiovascular disease.

Learning Objectives:

After attending CVI's 11th Annual EP/Arrhythmia Management Update CME program, attendees will be better able to:

- Identify modifiable risk factors for atrial fibrillation
- Apply appropriate interventions to modify risk
- Measure risk modification progress
- Identify patients who might benefit from left atrial appendage occlusion
- Predict a successful procedure based on left atrial appendage morphology
- Interpret randomized controlled trials regarding left atrial appendage occlusion
- Identify ECG finding that can be associated with malignant arrhythmic syndromes
- Recognize ECG patterns which require further evaluation when observed in the emergency room
- Explain the evolution of ablation
- Describe the differences in catheter and energy technology
- Discuss future directions of AF ablation
- Recognize the impact that sudden cardiac death has on co-survivors
- Identify effective communication strategies for patients and families following medical trauma
- Review the Bayesian priors of medical science
- Describe and review the reasons clinicians may be overconfident in their interpretation of the literature
- Translate science to the bedside—with a medically conservative guiding force.
- Review pharmacokinetic and pharmacodynamics properties of anticoagulants and antiplatelets
- Discuss antithrombotic strategies for concomitant CAD and atrial fibrillation
- Provide clinical pearls for optimal safety and efficacy
- Identify multiple heart rhythm monitoring devices
- Interpret data from heart rhythm monitoring devices
- Interpret trials regarding heart rhythm monitoring devices
- Determine best therapeutic options for patients who experience VT after ICD implantation
- Explain the role of antiarrhythmic drugs in such patients
- Select the most appropriate antiarrhythmic drug depending on the patient's arrhythmia and clinical profile
- Discuss the results from randomized trials comparing AAD and ablation in treatment of VT
- Review expected success rates, risks and complications associated with VT ablation
- Identify appropriate patients for VT ablation prior to AAD trials
- Identify the patient population who may benefit from CCM
- Describe the role of baroreceptor stimulation therapy in heart failure management
- Explain the utility of pulmonary artery pressure management in reducing hospital admissions for heart failure
- Access the groin utilizing best practices
- Recognize acute complications due to access
- Use contemporary tools to aid in safe and effective vascular access
- Define the risk factors for cardiac implantable electronic device (CIED) infection
- Describe the utility of prophylactic antibiotic therapy in the prevention of pocket infection
- Summarize the results of recent clinical trials of CIED infection prevention

Accreditation Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the Einstein Healthcare Network and The Cardiovascular Institute of Philadelphia (CVI). Einstein Healthcare Network is accredited by the Pennsylvania Medical Society to provide continuing medical education for physicians.

Credit Designation Statement

AMA: Einstein Healthcare Network designates this live educational event for a maximum of 7.75 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the educational event.

AOA: This program is eligible for 7.75 credits in category 2A of the American Osteopathic Association through the Pennsylvania Osteopathic Medical Association Foundation.

MOC Statement

****Medical Knowledge MOC Credits/Points:** Successful completion of this CME activity enables the participant to earn up to 7.0 Medical Knowledge 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 points. Awarding of MOC points requires additional attestation, post program evaluation and test questions.

Course Directors

Scott E. Hessen, MD FACC

Clinical Assistant Professor of Medicine
Drexel University College of Medicine

Charles D. Gottlieb, MD FACC FHRS

Director, Electrophysiology Laboratory
Abington Memorial Hospital

Colin M. Movsowitz, MD FACC

Director of Cardiac Electrophysiology
Einstein Medical Center Montgomery
Electrophysiologist
Lankenau Heart Institute at Paoli Hospital

Matthew A. Goldstein, MD

Electrophysiologist
Cardiology Consultants of Philadelphia
Lankenau Heart Institute at Paoli Hospital

Reginald T. Ho, MD FACC FHRS

Associate Professor of Medicine
Sidney Kimmel Medical College at
Thomas Jefferson University

Steven A. Rothman, MD FACC FAHA FHRS

Clinical Associate Professor
Lankenau Institute of Medical Research
Campus Chief, Division of Cardiovascular
Diseases
Lankenau Heart Institute at Lankenau
Medical Center

Robert Schaller, DO MS FHRS

Assistant Professor of Clinical Medicine
Perelman School of Medicine at the University
of Pennsylvania

Erica S. Zado, PA-C FHRS

Physician Assistant Specialist, Hospital
of the University of Pennsylvania
Section Editor, Heart Rhythm Journal

Edmond Cronin, MD, CCDS, FHRS

Associate Professor, Medicine
Lewis Katz School of Medicine at
Temple University

Keynote Faculty

John M. Mandrola, MD, FACC

Chief Cardiology Consultant, TheHeart.org | Medscape Cardiology
Electrophysiologist
Louisville Cardiology Group/Baptist Health Medical Group Cardiology

Program Faculty

**Kristen Bova Campbell, PharmD, BCPS
(AQ-Cardiology), CPP, AACC**

Clinical Pharmacist & Senior Research Associate,
Electrophysiology
Director, PGY2 Cardiology Residency
Duke University Hospital

William Flanary, MD (aka Dr. Glaucomflecken)

Ophthalmologist
Eye Health Northwest

Janet K. Han, MD, FACC, FHRS

Interventional Cardiac Electrophysiology
Associate Professor of Medicine, David Geffen
School of Medicine at UCLA
Director, Digital Health Program, Cardiac Arrhythmia
Service, VAGLAHS
Asst. Director, Cardiac Arrhythmia Service/EP Lab
(VAGLAHS)
VA Greater Los Angeles Healthcare System

Jacob Koruth, MD

Associate Professor, Medicine, Cardiology
Icahn School of Medicine at Mount Sinai

Peter R. Kowey, MD

Professor of Medicine and Clinical Pharmacology,
Thomas Jefferson University
William Wikoff Smith Chair in Cardiovascular Research
Main Line Health

Dhanunjaya "DJ" Lakkireddy, MD

Medical Director
Kansas City Heart Rhythm Institute at HCA
Midwest Health

Rajeev Kumar Pathak,

MBBS, PhD, FHRS, FRACP, FACC
Director, Cardiac Electrophysiology
Australian National University and Canberra Hospital

Wendy S. Tzou, MD, FHRS, FACC

Director, Cardiac Electrophysiology
Associate Professor of Medicine
University of Colorado Anschutz Medical Campus

Isaac R. Whitman, MD

Assistant Professor of Medicine
Division of Cardiology, Section of Cardiac Electrophysiology
Lewis Katz School of Medicine at Temple University Hospital

Conflict of Interest Statement

Faculty and all others who have the ability to control the content of continuing medical education activities sponsored by the Pennsylvania Medical Society are expected to disclose to the audience whether they do or do not have any real or apparent conflict(s) of interest or other relationship(s) related to the content of their presentation(s).

Acknowledgement

All commercial support in the form of educational grants and display support will be acknowledged in the syllabus, on signage and verbally before the start of the program.

Live Webinar Agenda

CVI's 11th EP/Arrhythmia Management Update

7.75 CME/CEU Credits for All

♥ 7.0 MOC Knowledge Points for physicians who certify through the American Board of Internal Medicine

Session 1 – Sunday, February 27, 2022 (3.0 CME/CEU Credits)

Introduction and Overview

Scott Hessen, MD 7:45am–8:00am

♥ Weight Loss, Exercise, and Risk Factor Modification for the Treatment of Atrial Fibrillation

Rajeev Kumar Pathak, MBBS 8:00am–8:30am

♥ Left Atrial Appendage Occlusion or Exclusion for Stroke Prevention

Dhanunjaya "DJ" Lakkireddy, MD 8:30am–9:00am

♥ ECGs from the Emergency Room

Charles D. Gottlieb, MD
Reginald T. Ho, MD 9:00am–9:45am

♥ Evolution of Atrial Fibrillation Ablation

Jacob Koruth, MD 9:45am–10:15am

♥ My Journey Through SCD and the S-ICD

William Flanary, MD (aka Dr. Glaucomflecken) 10:15am–10:45am

Review and Closing

Matthew Goldstein, MD 10:45am–10:50am

Session 2 – Monday, February 28, 2022 (2.0 CME/CEU Credits)

Introduction and Overview

Matthew Goldstein, MD 6:30pm–6:45pm

♥ KEYNOTE PRESENTATION

Being a Medical Conservative: Why Science Matters in Electrophysiology

John M. Mandrola, MD 6:45pm–7:30pm

♥ A Case-based Approach to the Contemporary Use of Anticoagulants and Antiplatelets

Kristen Bova Campbell, PharmD 7:30pm–8:00pm

♥ Current and Future Monitoring Strategies: Is the Heart Rhythm the Next Vital Sign?

Janet K. Han, MD 8:00pm–8:30pm

Review and Closing

Robert Schaller, DO 8:30am–8:35am

Session 3 – Wednesday, March 2, 2022 (2.75 CME/CEU Credits)

Introduction and Overview

Colin Mowsowitz, MD 6:30pm–6:45pm

♥ Therapeutic Options for VT

Colin Mowsowitz, MD, Moderator

♥ Antiarrhythmic Drug Therapy is First Line Therapy for VT

Peter R. Kowey, MD 6:45pm–7:15pm

♥ Ablation is First Line Therapy for VT

Wendy S. Tzou, MD 7:15pm–7:45pm

♥ Provocative Discussion

All 7:45pm–8:00pm

♥ Novel Device Therapies for Heart Failure

Isaac R. Whitman, MD 8:00pm–8:30pm

♥ EP Lab Complications: The Good the Bad and How to Avoid the Ugly

Colin Mowsowitz, MD, Moderator

♥ Device Infections

Edmond Cronin, MD 8:30pm–8:45pm

♥ Groin Complications

Robert Schaller, DO 8:45pm–9:00pm

♥ Provocative Discussion

All 9:00pm–9:15pm

Review and Closing

Steven Rothman, MD 9:15pm–9:20pm

Recorded Sessions for Credits thru 4/15/22

At CVI, our highest priority is ensuring the safety of attendees, faculty, industry partners, vendors, volunteers and CVI staff.

Like most people, we were hopeful that Covid would be under enough control for us to return to CVI's traditional in-person program format in early 2022 with CVI's 14th Annual Echo Update in January. CVI's 2022 EP/Arrhythmia Update was to also be presented in that format.

As the Omicron variant spread rapidly throughout the mid-Atlantic region, across America and around the globe, it became clear that it would be unsafe and irresponsible to organize the large group meetings which CVI is known for

Our CVI accredited continuing education programs have been quite successful in a virtual format, attracting some of our largest audiences to date. Although the virtual format does not allow for the significant networking opportunities and delicious meal selections which are a hallmark of our CVI programs, we feel that for the time being, it makes the most sense to continue in this way.

In the coming weeks, we expect to have a better sense of the repercussions from 2021 Christmas/New Year holiday season. This will aid us in making a responsible decision for the safest way to provide educational opportunities to you through the rest of winter into spring, 2022.

There will continue to be 2 easy ways for you to earn your credits:

- Watch programs live with hundreds of other health professionals
- Or watch the recorded proceedings on demand, at your convenience, for 45 days after the program (until 4/15/22 for CVI EP/Arrhythmia 2022)
- All presentations have start and end codes which need to be included on program evaluation to claim credits
- If watching recorded proceedings, an additional quiz is also required
- Either format – you must register to receive a unique link to view the program

CVI's Online CME/CEU/SDMS/VOICE/MOC Programs offer you:

- Relevant, timely, interesting topics
- Nationally recognized thought leader faculties
- Registration fees discounted from in-person programs
- Early-bird discounts for those registering by 2/9/22
- CVI's FREE Apple iPad drawing!
- **And CVI's Virtual Exhibit Booths, offering a FREE Drawing of up to \$250 in VISA Gift Cards each session – just for visiting our virtual industry partner exhibit booths!**

For more information, accreditation requirements and a calendar of all CVI cardiovascular education programs, please visit us online at cvphiladelphia.org



Look for these upcoming accredited CVI CME/CEU/SDMS/ VOICE/MOC programs

Please Note:

We are committed to ensuring the safety of our program attendees, faculty, exhibitors and staff. For upcoming CVI Winter/Spring CME Programs, we will plan to easily transition from in-person to virtual formats based on current and projected Covid conditions in the mid-Atlantic region and across America.

Visit us online at cviphiladelphia.org for pertinent program updates.

CVI's 11th Annual EP/Arrhythmia Management Update

Sunday, February 27, 2022 (AM Session)
Monday, February 28, 2022 (PM Session)
Wednesday, March 2, 2022 (PM Session)

CVI's 18th Annual Update in Nuclear Cardiology

Sunday, March 27, 2022 (AM Session)
Monday, March 28, 2022 (PM Session)
Wednesday, March 30, 2022 (PM Session)

**NEW
Program!**

CVI's Inaugural Philadelphia Heart Failure Symposium

Late Spring 2022
More info coming soon!

CVI/Deborah's 2nd Annual Adult Congenital Heart Disease Program

Summer 2022
More info coming soon!

CVI's 6th Annual Cardiology Fellows Program

Summer 2022
More info coming soon!

CVI's 29th Annual Cardiology Update

October, 2022
More info coming soon!



Registration Form

Registration Fees

Be an early bird ... sign up and pay your registration by Wed. Feb. 9th and **SAVE \$35 off your registration fee!**

- Physicians and Industry: **\$99** by 2/9/22; **\$134** after 2/9/22*
- Mid-Level Provider, Nurses, Fellows, Residents: **\$49** by 2/9/22; **\$84** after 2/9/22*

*Prices above reflect discount of \$5 for payment by cash or check. Please add \$5 for a Visa/MC/AMEX payment

LIVE Zoom CME Webinars

Session 1

Sunday, 2/27/22
7:45am - 10:50am

Session 2

Monday 2/28/22
6:30pm - 8:35pm

Session 3

Wednesday 3/2/22
6:30pm - 9:20pm

Recorded Sessions for Credits

Through 4/15/22

- 7.75 CME/CEU Credits for All
- 7.0 ABIM MOC Knowledge Points

Name _____

Degree _____ Gender M F

Email address to which unique program link should be sent _____

For MOC Points Only

Date of Birth _____ ABIM ID# _____

Clinical Position _____

Clinical Affiliation Name _____

Phone _____ Fax _____

Mailing Address _____

City _____ State _____ Zip _____

Is this address work? _____ Home? _____ Other? _____

Important Notes:

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

Please make checks payable to:

**Cardiovascular Institute of Philadelphia
 P.O. Box 56598 • Philadelphia, PA 19111
 Phone: 215-389-2300 • Fax: 215-389-5450**

Course Registration Cancellation Policy:

Requests in writing for refunds, less \$35 administrative fee, by February 18, 2022 processed after the meeting. Registrations are transferable with prior notification to CVI by February 18, 2022.

Order	Early Bird Discount	Regular Price	Total
Physicians & Industry Registration	____ \$99 (by 2/9/22)	____ \$134 (after 2/9/22)	\$ _____
ABIM MOC Points - requires additional attestation, post program evaluation and test questions	N/A	____ @ \$50	\$ _____
Mid-Level Providers, Nurses, Fellows, Residents	____ @ \$49 (by 2/9/22)	____ @ \$84 (after 2/9/22)	\$ _____
Pay by Visa/MC/Amex	Add \$5 per registration	Add \$5 per registration	\$ _____
Apple iPad Drawing Entry	FREE		FREE
GRAND TOTAL			\$ _____

Visa MC Amex

Card # _____ Exp. Date ____ / ____

Name as appears on card _____

Billing address of card _____

Signature _____

FREE Apple iPad Drawing

In order to be entered into the FREE Apple iPad Drawing, you must:

- Register and pay for CVI's 11th Annual EP Arrhythmia Management Update by 5:00pm on Wednesday, February 9, 2022.
- Submit your fully completed online program evaluation for CVI's 11th Annual EP Arrhythmia Management Update by 5:00pm on Thursday, March 24, 2022.
- And you are entered to win... **It's as easy as that!** Winner will be contacted via email.