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## CVI's 25TH ANNUAL

# Cardiology Update: Clinical Management of Heart Disease 2018:

Practical Approaches to Diagnosis and  
Management of Cardiovascular Disease

Continuing Medical Education Program

Sunday, October 7, 2018

7:30am – 5:00pm

Hilton Philadelphia at Penn's Landing  
201 South Columbus Boulevard • Philadelphia, PA

Dean G. Karalis, MD  
Veronica A. Covalesky, MD  
*Course Directors*

Colin M. Movsowitz, MD  
Andrew R. Waxler, MD  
*Associate Directors*

\$35 Early  
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FREE Entry for iPad  
Drawing Through  
9/15/2018

More than **\$12,000** in prizes  
and discounts available at CVI 2018  
CME/CEU Programs including  
**CVI Early-Bird discounts,**  
**CVI FREE Apple iPad Drawings,**  
**CVI BINGO!** and **CVI 25th**  
**Anniversary Prize Drawing!**

Up to –  
8.25 CME/CEU  
Credits for all  
6.25 ABIM MOC Points  
Pharmacology Credits  
for NPs in PA



Presented by:



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## Who Should Attend?

The target audience for our program includes Physicians (clinical and interventional cardiologists, electrophysiologists, cardiac surgeons, family practice, internal - emergency - geriatric medicine and primary care), Mid Level Providers (Nurse Practitioners, Physician Assistants), Nurses, Medical Assistants and all Allied and Home Healthcare Professionals who care for patients with cardiovascular disease, Fellows, Residents, Medical Students and Trainees.

## Why You Should Attend

CVI's annual Cardiology Update is the longest-running program of its kind in the Delaware Valley. This year's 25th Anniversary CVI Cardiology Update features an outstanding diverse faculty of national thought leaders and regional experts, providing the most relevant and up-to-date information on diagnosis, management and prevention of cardiovascular diseases and concomitant conditions.

**Focus topics include:** The age of digital medicine, Omega-3 fatty acids, Triglycerides and CVD, PCSK9 inhibitors and the new landscape of lipid lowering therapies, New hypertension guidelines-resolving the controversies, CVD in women and under-represented populations, Diabetes management for the CV specialist, Diagnosis of pulmonary artery hypertension, Guidelines and future of medical/surgical therapies for heart failure, Novel anticoagulants, reversal agents and ablation for stroke prevention in A Fib, Identification of patients who might benefit from wireless pacemakers, His bundle pacing and left atrial appendage closure and Advances in transcatheter therapies of valvular heart disease.

The goal of CVI's Cardiology Update is to provide physicians and all healthcare professionals with new information and tools to improve outcomes for patients suffering from cardiovascular disease.

## Learning Objectives

After attending/hearing these presentations, attendees will be better able to...

- Describe how the convergence between medicine and wireless technology has led to disruptive innovation in healthcare as we transition from the analog to the digital age.
- Recognize the utility of electronic medical records in improving patient care and outcomes
- Describe the effects of omega-3 fatty acids on mechanisms of atherogenesis, including inflammation, endothelial function and plaque development
- Review differences in the content of omega-3 fatty prescription formulations as well as fish oil supplements
- Recognize the unmet need for additional LDL lowering therapies beyond current optimal statin based therapy as a strategy for addressing lipid related cardiovascular risk in patients at increased cardiovascular risk and with familial hypercholesterolemia
- Compare and evaluate evidence for recent clinical trials of PCSK 9 inhibitors and assess their impact on lipids and cardiovascular risk
- Review the evidence that has led to more aggressive criteria for classifying hypertension in the United States
- Select appropriate blood pressure treatment targets for elderly as well as younger hypertensive patients
- Explore the impact of gender on cardiovascular pathophysiology, morbidity and mortality
- Highlight differences in pathophysiology, presentation and diagnosis of cardiovascular conditions in underrepresented populations
- Review the safety and efficacy of recent trials of SGLT-2 inhibitors and GLP-1 RAs on cardiovascular outcomes in patients with diabetes
- Discuss the effects that diabetes agents with positive CV outcomes have on cardiometabolic markers, including lipids, blood pressure, weight, A1C, and hypoglycemia risk
- Describe important signs and symptoms of pulmonary hypertension and pulmonary arterial hypertension
- Identify at-risk populations for PH/PAH who might require routine screening
- Describe the indications and dosing of novel anticoagulants for stroke prevention of atrial fibrillation
- Review the safety of continuing novel anticoagulants during AF ablation procedures
- Discuss the role of reversal agents in treating bleeding complications from novel anticoagulants
- Review current guidelines for medical management of heart failure
- Recognize when to refer a patient to a heart failure specialist
- Determine which patient to refer for a wireless pacemaker
- Describe how His bundle pacing may be superior to right ventricular apical pacing
- Identify patients who could benefit from a left atrial appendage closure device
- Consider available management options for aortic valve disease
- Identify patients who may benefit from minimally invasive aortic valve therapies
- Identify patients who would benefit from minimally invasive mitral valve therapies

## Accreditation Statements:

This event has been planned and implemented in accordance with the Essential Areas and Policies of the Pennsylvania Medical Society through the joint providership of the Einstein Medical Center and Cardiovascular Institute of Philadelphia. Einstein Medical Center is accredited by the Pennsylvania Medical Society to sponsor continuing medical education for physicians.

**(\*\*\*3):** This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education through the joint providership of the University of Nebraska Medical Center; Center for Continuing Education and Practice Point Communications®. The University of Nebraska Medical Center; Center for Continuing Education is accredited by the ACCME to provide continuing medical education for physicians.

## Credit Designation Statement:

**AMA:** Einstein Medical Center designates this live educational event for a maximum of 7.25 *AMA PRA Category I Credit(s)*™. Physicians should only claim credit commensurate with the extent of their participation in the educational event.

**AOA:** This program is eligible for 7.25 credits in category 2A of the American Osteopathic Association through the Pennsylvania Osteopathic Medical Association Foundation

**(\*\*\*2): AMA:** The University of Nebraska Medical Center; Center for Continuing Education designates this live educational event for a maximum of 1 *AMA PRA Category I Credit*™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

**MOC Credits/Points:** 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.

\*\*Awarding of MOC points requires additional attestation, post program evaluation and test questions.

**Please Note:** Nurses and other healthcare professionals will receive a Certificate of Attendance, which can be submitted for CEU credits.

# FACULTY

## Course Directors

**Dean G. Karalis, MD FACC FNLA**  
Clinical Professor of Medicine

Sidney Kimmel School of Medicine at Thomas Jefferson University

**Veronica A. Covalesky, MD FACC**  
Clinical Assistant Professor of Medicine  
Drexel University College of Medicine

## Associate Directors

**Colin M. Movsowitz, MD FACC**  
Director of Cardiac Electrophysiology  
Einstein Medical Center Montgomery  
Main Line Hospitals  
Phoenixville Hospital

**Andrew R. Waxler, MD FACC**  
Member, Executive Council  
PA American College of Cardiology

## Faculty

**René J. Alvarez, Jr., MD FACC FAHA FACP**  
Professor of Medicine  
Sidney Kimmel Medical College at Thomas  
Jefferson University  
Chief of Cardiology  
Thomas Jefferson University Hospital

**Jennifer B. Green, MD**  
Associate Professor of Medicine  
Division of Endocrinology, Metabolism and Nutrition  
Duke University Medical Center

**John Gordon Harold, MD MACC MACP FRCPI  
FESC FCSI FCCP FAHA**  
Clinical Professor of Medicine  
Cedars-Sinai Smidt Heart Institute and  
David Geffen School of Medicine at UCLA  
Member, ABIM Foundation Board of Trustees  
Past President, American College of Cardiology

**R. Preston Mason, PhD MBA**  
Senior Academic and Research Faculty  
Department of Medicine  
Brigham & Women's Hospital  
Harvard Medical School

**Gerald V. Naccarelli, MD FACC FAHA FHRS**  
Bernard Trabin Chair in Cardiology  
Professor of Medicine  
Pennsylvania State University College of Medicine  
Chief, Division of Cardiology  
The Milton S. Hershey Medical Center

**Muhammad Raza, MD FACC FSCAI RPVI**  
Director of Cardiovascular Laboratory  
Crozer Chester Medical Center

**Anjali Vaidya, MD FACC FASE FACP**  
Associate Professor of Medicine  
Lewis Katz School of Medicine at Temple University  
Associate Director  
Pulmonary Hypertension, Right Heart Failure and  
CTEPH Program  
Advanced Heart Failure and Cardiac Transplant  
Temple Heart & Vascular Institute

**Karol E. Watson, MD PhD**  
Professor of Medicine/Cardiology  
David Geffen School of Medicine at UCLA  
Co-Director, UCLA Program in Preventive Cardiology  
Director, UCLA Barbara Streisand Women's Heart Health  
Program

**Michael A. Weber, MD FACC FACP FAHA**  
Professor of Medicine  
Division of Cardiovascular Medicine  
State University of New York Downstate College of  
Medicine-Brooklyn

**Howard S. Weintraub, MD FACC FASPC**  
Clinical Professor of Medicine  
New York University School of Medicine  
Clinical Director  
Center for the Prevention of Cardiovascular Disease  
New York University

### Conflict of Interest Statement:

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

### Acknowledgements:

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

*The content of each presentation does not necessarily reflect the views of Einstein Healthcare Network.*

In partnership with



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# AGENDA

## CVI's 25th Annual Cardiology Update Clinical Management of Heart Disease 2018:

Practical Approaches to the Diagnosis and Management of Cardiovascular Disease

Sunday, October 7, 2018 • Hilton Philadelphia at Penn's Landing

8.25 CME/CEU Credits Total • 6.25 MOC Points

♥ = ABIM – MOC ELIGIBLE SESSION

<b>Introduction and Course Overview</b>	<i>Dean Karalis, MD</i>	7:30am – 7:45am
♥ Pre-Test	<i>Dean Karalis, MD</i>	7:45am – 8:00am
PA ACC Presentation – Future Innovations: The Promise and Peril of Digital Medicine	<i>John Harold, MD</i>	8:00am – 8:30am
♥ New Insights Into The Pathophysiology of Triglycerides and the Role of Omega-3 Fatty Acids in Reducing Cardiovascular Risk	<i>R. Preston Mason, PhD</i>	8:35am – 9:00am
♥ PCSK9 Inhibition – The New Landscape of Lipid Lowering Therapy	<i>Howard Weintraub, MD</i>	9:00am – 9:30am
♥ The New Hypertension Guidelines – Resolving the Controversies	<i>Michael Weber, MD</i>	9:30am – 10:00am
♥ Question and Answer Panel Discussion	<i>R. Preston Mason, PhD Howard Weintraub, MD Michael Weber, MD</i>	10:00am – 10:15am
<b>BREAK</b>		10:15am – 10:45am
<b>Keynote Presentation</b>		
♥ CVD in Women and Underrepresented Populations	<i>Karol Watson, MD</i>	10:45am – 11:30am
♥ Diabetes Management for the Cardiovascular Specialist	<i>Jennifer Green, MD</i>	11:30am – 12:15pm
♥ Post-Test	<i>Dean Karalis, MD</i>	12:15pm – 12:30pm
<b>LUNCH</b>		12:30pm – 1:15pm
♥ Pre-Test	<i>Veronica Covalessky, MD</i>	1:15pm – 1:30pm
***Pulmonary Arterial Hypertension: The Diagnosis You Do Not Want to Miss	<i>Anjali Vaidya, MD</i>	1:30am – 2:30pm
♥ Novel Anticoagulants in Stroke Prevention in Atrial Fibrillation, Ablation Procedures and Reversal Agents	<i>Gerald Naccarelli, MD</i>	2:30pm – 3:00pm
♥ A Patient's Journey with HFrEF: An Update on the Current Guidelines and Future of Medical and Surgical Therapeutics	<i>René Alvarez, MD</i>	3:00pm – 3:30pm
♥ Advances in the Treatment of Arrhythmias: Identifying Patients Who Might Benefit from Wireless Pacemakers, His Bundle Pacing and Left Atrial Appendage Closure	<i>Colin Movsowitz, MD</i>	3:30pm – 4:00pm
♥ Advances In Transcatheter Therapies of Valvular Heart Disease	<i>Muhammad Raza, MD</i>	4:00pm – 4:30pm
♥ Post-Test	<i>Veronica Covalessky, MD</i>	4:30pm – 4:45pm
<b>Review and Closing</b>	<i>Veronica Covalessky, MD</i>	4:45pm – 5:00pm

\*\*\*(1) There is no fee for this presentation although you must register and pay for CVI Cardiology Update to hear this presentation. (2) Additional brief online evaluation required to receive 1.0 credit for this presentation. (3) See Accreditation information for University of Nebraska Medical Center.

**ELECTRONIC BROCHURE AND ONLINE REGISTRATION  
AT [WWW.CVIPHILADELPHIA.ORG](http://WWW.CVIPHILADELPHIA.ORG)**

CVI's 25th Annual Cardiology Update: Clinical Management of Heart Disease 2018 • Sunday October 7, 2018

# REGISTRATION FORM

## REGISTRATION FEES

**Be an early bird ... sign up and pay your registration by Sept. 15, 2018 and take \$35 off your registration fee!**

- Physicians and Industry: \$160 (\$125 early bird by 9/15/18)\*\*
- Mid Level Providers, Nurses, Fellows, Residents: \$110 (\$75 early bird by 9/15/18)\*\*

\*\*Price reflects discount of \$6 for payment by cash/check. Please add \$6 for Visa/MC/AMEX.

## SYLLABUS

Several days prior to the program, syllabus including presentations will be available for download from a secure website. At registration you will receive a USB storage device with the same information at no additional charge.

At the conference, neither printers nor electrical outlets are available for attendee use.

Hard copy black & white syllabus including presentations may be ordered in advance for \$50, and available at registration. **Hard copy syllabi must be ordered by Sept 21, 2018.** Additional printed syllabi not available onsite.

**Faculty PowerPoint presentation handouts are for the use of course attendees only pre and post-conference. This material may not be used, shared or distributed electronically.**

Name \_\_\_\_\_  
Degree \_\_\_\_\_ Gender  M  F

For MOC Points Only  
Date of Birth \_\_\_\_\_ ABIM ID# \_\_\_\_\_

Clinical Position \_\_\_\_\_

Clinical Affiliation Name \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

Email Address \_\_\_\_\_

Mailing Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Is this address work? \_\_\_\_\_ Home? \_\_\_\_\_ Other? \_\_\_\_\_

### Important Notes:

**You MUST register by September 30, 2018 to guarantee your seat.**

Please make checks payable to:

**Cardiovascular Institute of Philadelphia  
P.O. Box 54632 • Philadelphia, PA 19148  
Phone: 215-389-2300 • Fax: 215-389-5450**

Register online at [www.cviphiladelphia.org](http://www.cviphiladelphia.org)

### Course Registration Cancellation Policy:

Requests in writing for refunds less \$35 administrative fee by September 24, 2018 processed after the meeting. Registrations are transferable with prior notification to CVI by September 24, 2018.

Order	Early Bird Discount	Regular Price	Total
Physicians & Industry Registration	_____ @ \$125 (by 9/15/18)	_____ @ \$160 (after 9/15/18)	\$ _____
**ABIM MOC Points – requires additional attestation, post program evaluation and test questions	N/A	_____ @ \$50	\$ _____
Mid Level Providers, Nurses, Fellows, Residents Registration	_____ @ \$75 (by 9/15/18)	_____ @ \$110 (after 9/15/18)	\$ _____
Hard Copy Syllabus	N/A	_____ @ \$50 Must order by 9/15/18	\$ _____
Pay by Visa/MC/Amex	Add \$6 per registration	Add \$6 per registration	\$ _____
Apple iPad Drawing Entry**	FREE		FREE
<b>GRAND TOTAL</b>			\$ _____

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## \*\*FREE Apple iPad Drawing Details

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

- Register and pay for CVI's 25th Annual Cardiology Update: Clinical Management of Heart Disease 2018 by 5:00pm EST on Saturday, September 15, 2018
- Submit your fully completed online program evaluation for CVI's 25th Annual Cardiology Update: Clinical Management of Heart Disease 2018 by 5:00pm EST on Saturday, October 27, 2018.
- And you are entered to win... *It's as easy as that!* Winner will be contacted via email.