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CVI's 29th Annual Cardiology Update: Clinical Management of Heart Disease 2022

**Sunday, October 30, 2022
7:45 am – 5:00 pm**

Keynote Presentations:

**Clinical Applications of Genetics
to Preventive Cardiology:
A Look Into the Future**



Daniel Rader, MD
Seymour Gray Professor
of Molecular Medicine
Chair, Department of
Genetics
Perelman School of
Medicine at the University
of Pennsylvania

**2021 AHA/ACC/ASE/CHEST/
SAEM/SCCT/SCMR Guideline
for the Evaluation and
Diagnosis of Chest Pain**



Martha Gulati, MD
Director of CVD Prevention
Associate Director,
Barbra Streisand Women
Heart Center
Cedars-Sinai Heart
Institute

- 8.0 CME/CEU Credits
- 7.5 ABIM Medical Knowledge MOC Points



**\$50 early-bird
discount
and FREE Apple
iPad drawing by
9/30/22
*Details inside***



Goals & Objectives

Why You Should Attend:

CVI's Annual Cardiology Update is the longest-running program of its kind in the Delaware Valley. The 29th Annual CVI Cardiology Update features an outstanding diverse faculty of national thought leaders, including our Keynote Presenters, Drs. Daniel Rader and Martha Gulati. CVI's Cardiology Update features national and regional experts providing the most relevant and up-to-date information on diagnosis, management and prevention of cardiovascular diseases.

Keynote topics highlight: The Role of Genetics in Preventive Cardiology; and New Guidelines for the Evaluation and Diagnosis of Chest Pain.

Additional focus topics include: The Heart During Pregnancy; Managing Statin Intolerance; Finding Optimal Statin Dose for Each Patient; Current Guidelines and Treatments for HFrEF; Improving Adherence of Guideline Based Treatment of HFrEF; Current Guidelines and Treatments for HFpEF; Role of SGLT2 Inhibitors and GLP1 Agonists in the Treatment of Diabetes and CKD; Psychological Effects of Atrial Fibrillation; ABCs of Starting an Amyloid Clinic; Interpreting the 12-lead EKG in the Era of Cardiac Physiologic Pacing; Update on Transcatheter Therapies for Structural Heart Disease: TAVR, the Mitral Valve and Left Atrial Appendage Closure.

Target Audience:

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

Learning Objectives:

After attending CVI's 29th Annual Cardiology Update, attendees will be better able to:

- Identify leading causes of pregnancy-associated mortality in the U.S.
- Explain the diagnosis and early treatment of peripartum cardiomyopathy
- Describe the causes and evaluation of chest pain in the postpartum period
- Compare the 2022 National Lipid Association's definition of statin intolerance with definitions from other organizations
- Analyze the evidence supporting the presence of a nocebo effect with statin therapy
- Explain different strategies to identify a tolerable statin regimen in patients with suspected statin intolerance
- Review the evidence for aggressive lipoprotein lowering in patients with atherosclerotic cardiovascular disease (ASCVD)
- Provide an overview of non-statin therapies to attain lipoprotein goals
- Highlight an algorithm for approaching lipid lowering in patients with ASCVD
- Describe the use of genetic testing in assessing cardiovascular risk
- Give examples of how human genetics has led to impactful new therapies for lipid disorders
- Explain the use of nucleic acid therapeutics and therapeutic genome editing for lipid disorder
- Select appropriate data driven medical therapies for treatment of heart failure with reduced ejection fraction
- Describe the common side effects and drug interactions of the classes of medications used to treat heart failure with reduced ejection fraction
- Describe the common side effects and drug interactions of the classes of medications used to treat heart failure with reduced ejection fraction
- Explain the importance of guideline directed medical therapy for HFrEF
- Examine treatment gaps in the contemporary management of HFrEF
- Apply implementation science principles to improve medical therapy for HFrEF
- Review the description and prevalence of "diastolic dysfunction"
- Present the transition in definitions to heart failure with preserved ejection fraction
- Discuss the background leading to current practice guidelines for HFpEF
- Discuss How to Conduct Proper Diagnosis and Screening of Diabetic kidney disease (DKD)
- Summarize the kidney disease related findings from major cardiovascular and kidney outcomes trials using SGLT2 inhibitor and GLP1 RA in diabetes
- Recognize the role of, SGLT2 inhibitors and GLP-1 RAs, in the prevention and treatment of renal disease in diabetes and chronic kidney disease
- Recognize the causes of chest pain and the appropriate evaluation of chest pain
- Recognize the role of high sensitivity cardiac troponins and clinical decision pathways in the evaluation of chest pain
- Identify which patients require further investigation to confirm a diagnosis of ischemic heart disease in acute and stable chest pain
- Identify the common features and triggers of anxiety and AF
- Examine what psychological changes are common in the patient experience of AF
- Activate specific strategies for improving the patient experience of AF
- Recognize signs and symptoms of cardiac amyloidosis
- Discover novel therapies for amyloidosis and identify appropriate patients for each therapy
- Identify key members of amyloidosis care team
- Differentiate selective from nonselective His bundle capture on 12 Lead EKG.
- Recognize successful Left bundle area pacing
- Differentiate left ventricular septal pacing from left bundle pacing
- Describe the indications and expected outcomes of transcatheter aortic valve replacement
- Describe the indications and expected outcomes of mitral valve repair or replacement
- Describe the indications and expected outcomes of left atrial appendage closure

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 8.0 *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 8.0 credits in Category 2 of the American Osteopathic Association. *Please note: The AOA recently updated credit policies and now automatically recognizes AMA PRA Category 1 Credit™ as AOA Category 2 credit.*

MOC Statement

Medical Knowledge MOC Credits/Points: Successful completion of this CME activity enables the participant to earn up to 7.5 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.

Keynote Presenters

Daniel Rader, MD

Seymour Gray Professor of
Molecular Medicine
Chair, Department of Genetics
Perelman School of Medicine at the
University of Pennsylvania

Martha Gulati, MD

Director of CVD Prevention
Associate Director, Barbra Streisand
Women Heart Center
Cedars-Sinai Heart Institute
Los Angeles

Course Directors

Dean Karalis, MD

Clinical Professor of Medicine
Thomas Jefferson University

Veronica Covallesky, MD

Clinical Instructor Medicine
Thomas Jefferson University

Associate Directors

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Cardiac Electrophysiologist
Cardiology Consultants of Philadelphia

Daniel Soffer, MD

Internal Medicine, Clinical Lipid Specialist
University of Pennsylvania Health System

Muhammad Raza, MD

Interventional Cardiologist, Cardiology
Consultants of Philadelphia
Clinical Associate Professor of Medicine,
Drexel University College of Medicine
Director, Structural Heart Disease Program,
Penn Medicine, Chester County Hospital,
Director of Cardiac Cath Lab, Crozer Chester
Medical Center

Faculty

Yevgeniy Brailovsky, DO

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Associate Professor of Medicine,
Yale School of Medicine
Vice Chief, Section of Cardiovascular Medicine
Investigator, Center for Outcomes Research
and Evaluation
Yale New Haven Health System

Eugenia Gianos, MD

Professor of Cardiology, Zucker School of Medicine
System Director, Cardiovascular Prevention,
Northwell Health
Director, Western Region, Katz Institute Women's
Heart Program
Director, Women's Heart Program, Lenox Hill Hospital

David M. Goldberg, MD

Clinical Assistant Professor of Medicine
University of Pennsylvania

Lee R. Goldberg, MD, MPH

Professor of Medicine
University of Pennsylvania

Richard C. Kovach, MD

Division Director, Interventional Cardiology
Medical Director, Cardiac Catheterization Laboratory
Deborah Heart and Lung Center

Jennifer Lewey, MD, MPH

Assistant Professor of Medicine
Director, Penn Women's Cardiovascular Health Program
Co-Director, Pregnancy and Heart Disease Program
University of Pennsylvania

Joanna Mitri, MD, MS

Medical Director, Care Advisory and Affiliate Programs
The Division of Global Education and Care Advisory
Joslin Diabetes Center
Assistant Professor
Harvard Medical School

Behzad B. Pavri, MD

Professor of Medicine
Director, Cardiac Electrophysiology Fellowship Program
Thomas Jefferson University

Ileana L. Piña, MD, MPH

Professor of Medicine, Cardiology/Heart Failure/
Transplant
Chief Quality Officer for the CV Line
Senior Staff Fellow, FDA, Medical Officer, CDRH
Thomas Jefferson University

Joseph Saseen, PharmD

Professor and Associate Dean for Clinical Affairs
University of Colorado Anschutz Medical Campus

Samuel F. Sears, PhD

Professor, Dept. of Psychology Dept. of
Cardiovascular Sciences
Associate Director, ECU Cardiology Fellowship
East Carolina 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 Healthcare Network are expected to disclose all of their financial relationships with ineligible companies. Ineligible companies are those whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients. All relevant financial relationships have been mitigated prior to the activity date.

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 Program Agenda

CVI's 29th Annual Cardiology Update: Clinical Management of Heart Disease 2022
8.0 CME/CEU Credits • 7.5 ABIM Medical Knowledge MOC Points
Sunday, October 30, 2022 • Hilton Philadelphia at Penn's Landing
♥ = MOC Knowledge Point Eligible Presentation

Introduction and Overview

Dean Karalis, MD 7:45am–8:00am

♥ The Pregnant Heart, Worthy of a Pregnant Pause

Jennifer Lewey, MD 8:00pm–8:30pm

♥ Lipid Section

♥ What is statin intolerance? How can we manage this?

Joseph Saseen, PharmD 8:30am–9:00am

♥ Is lower really better? How much medication do I need to use to treat my patients?

Eugenia Gianos, MD 9:00am–9:30am

♥ Panel Discussion 9:30am–9:45am

Dean Karalis, MD, Daniel Soffer, MD, Joseph Saseen, Pharm D, Eugenia Gianos, MD

♥ KEYNOTE PRESENTATION

Clinical applications of genetics to preventive cardiology: a look into the future

Daniel Rader, MD 9:45am–10:20am

♥ Panel Discussion 10:20am–10:30am

Dean Karalis, MD, Daniel Soffer, MD

BREAK 10:30am–11:00am

♥ Heart Failure Section

♥ HFrEF: Current Guidelines & Treatments

Lee Goldberg, MD 11:00am–11:20am

♥ Tools to improve guideline-based treatment of HFrEF

Nihar Desai, MD 11:20am–11:40am

♥ HFpEF: Current Guidelines & Treatments

Ileana Piña, MD 11:40am–12:00pm

♥ Panel Discussion 12:00pm–12:30pm

Lee R. Goldberg, MD, Nihar Desai, MD, MPH, Ileana L. Piña, MD, MPH

LUNCH 12:30pm–1:15pm

♥ Role of SGLT2 Inhibitors and GLP1 Agonists in the Treatment of Diabetes and Chronic Kidney Disease: From Clinical Trials to Clinical Practice

Joanna Mitri, MD 1:15pm–1:45pm

♥ KEYNOTE PRESENTATION

2021 AHA/ACC/ASE/CHEST/SAEM/SCCT/SCMR Guideline for the Evaluation and Diagnosis of Chest Pain

Martha Gulati, MD 1:45pm–2:15pm

♥ AFib: The Tell Tale Heart

Samuel F. Sears, PhD 2:15pm–2:45pm

♥ The ABCs of Starting an Amyloid Clinic

Yevgeniy Brailovsky, DO 2:45pm–3:15pm

♥ Interpreting the 12 Lead EKG in the Era of Cardiac Physiologic Pacing

Colin Movsowitz, MD; Behzad Pavri, MD 3:15pm–4:00pm

♥ Update on Transcatheter Therapies for Structural Heart Disease

Muhammad Raza, MD; David Goldberg, MD; Richard Kovach, MD 4:00pm–4:45pm

Review & Closing

Veronica Covallesky, MD 4:45pm–5:00pm

Make Yourself a Note to Save These Dates!

Register for CVI CME/CEU/SDMS/VOICE Programs

CVI and Deborah's
2nd Annual Adult
Congenital Heart Disease
Back to the Basics of ACHD

Saturday,
August 13, 2022
The Westin, Mt. Laurel, NJ

CVI's 29th Annual
Cardiology Update:
Clinical Management of
Heart Disease 2022

Sunday,
October 30, 2022
Hilton Philadelphia, Penn's Landing

CVI and Deborah's
9th Annual Cardiac
Imaging in Women

Saturday,
December 3, 2022
Westin, Mt. Laurel, NJ

CVI's 15th Annual
Echocardiography
Update

Sunday,
January 15, 2023
Loews Philadelphia Hotel

CVI's Inaugural
Philadelphia Heart
Failure Symposium
Date & Location
Coming Soon!

CVI's 6th Annual
Cardiology Fellows
Program:

What Every Fellow Needs to Know
About Interventional Cardiology

Friday & Saturday,
February 3 & 4, 2023
Hilton Philadelphia at Penn's Landing

CVI's 12th Annual
Electrophysiology/
Arrhythmia
Management Update

Sunday,
February 26, 2023
Hilton Philadelphia, Penn's Landing

CVI's 19th Annual
Update in
Nuclear Cardiology

Sunday,
March 26, 2023
Loews Philadelphia Hotel

At CVI, your safety is our goal!

We continue our commitment to the health, safety and well-being of all of our Health Care Heroes who choose to join us for CVI programs. With that in mind, we pledge to make every effort to reduce the spread of Covid and other viruses at CVI events.

- **All registrants, faculty, exhibitors and staff are required to upload proof of Covid vaccination prior to attending any CVI program**
- We require that all indoor hotel service staff remain masked when interacting with our program guests
- Although not required, we welcome guests to wear masks inside when not actively eating, drinking or speaking from the podium
- We use a color-coded system on name tags to disclose your preferences to interact fully — interact at a distance — or to remain fully distanced during your time with us.
- We require that our host facilities increase the number of restroom cleanings throughout the day
- Hand sanitizer is available throughout the meeting space
- In the meeting space, seating will be spaced out as much as possible
- You will have the option of eating your lunch in a dining room setting, or taking it back to your individual conference seat, to allow for increased distancing

We welcome your additional suggestions as to how we can make our in-person programming as safe as possible for you and all of our guests.

For more information on CVI In-Person Safety Protocols, and details about all of our in-person and virtual programs, please visit us online at cviphiladelphia.org.

CVI Cardiology Update 2022 On-Demand, Virtual Viewing

We are exploring options for providing an opportunity for those who can't (or aren't comfortable to) join us in person to view and earn CME/CEU Credits for a **Best of CVI Cardiology Update 2022** virtual program.

Best of CVI Cardiology Update 2022 will include several presentations – 2 – 3 credit hours maximum – it will not be a recording of the full program. There will also be a registration fee to view the program.

We are looking at cost and technical considerations in providing this option to you.

Watch your email – or visit us online at cviphiladelphia.org for more details!.

Registration Form

Registration Fees

Be an early bird ... sign up and pay your registration by Fri. Sept. 30th and SAVE \$50 off the regular registration fee!

- Physicians and Industry: **\$125** by 9/30/22; **\$175** after 9/30/22*
- Fellows & Residents: **\$75** by 9/30/22; **\$125** after 9/30/22*
- Advanced Practice Providers, Nurses: **\$75** by 9/30/22; **\$125** after 9/30/22*

*Prices above reflect discount of \$6 for payment by cash or check. Please add \$6 for a Visa/MC/AMEX payment

Registrants are required to upload proof of vaccination with registration.

By registering, you agree to upload proof of your COVID vaccination. You will receive an email with a link to upload the proof. Without proof of COVID vaccination, you will not be permitted to enter the meeting space, will not receive CME/CEU credits and will not be eligible for a refund of the registration fees. We appreciate your compliance.

Syllabus

Several days prior to the program, syllabus including presentations will be available for download from a secure website. At the conference, neither printers nor electrical outlets are available for attendee use. Faculty PowerPoint presentations are for the use of course attendees only, pre and post conference. This material may not be used, shared nor distributed electronically.

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Clinical Affiliation Name _____

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Important Notes:

You MUST register in advance to attend the program.

Register online at cvphiladelphia.org

Please make checks payable to:

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Course Registration Cancellation Policy:

Requests in writing for refunds, less \$35 administrative fee, by October 15, 2022 processed after the meeting. Registrations are transferable with prior notification to CVI by October 15, 2022.

Order	Early Bird Discount	Regular Price	Total
Physicians & Industry Registration	____ @ \$125 (by 9/30/22)	____ @ \$175 (after 9/30/22)	\$ _____
ABIM MOC Points – requires additional attestation, post program evaluation and test questions	N/A	____ @ \$50	\$ _____
Fellows, Residents, Trainees	____ @ \$75 (by 9/30/22)	____ @ \$125 (after 9/30/22)	\$ _____
Training Program Name: _____ (Must be included to receive this rate)			
Advanced Practice Providers, Nurses	____ @ \$75 (by 9/30/22)	____ @ \$125 (after 9/30/22)	\$ _____
Pay by Visa/MC/Amex	Add \$6 per registration	Add \$6 per registration	\$ _____
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FREE Apple iPad Drawing

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

- Register and pay for CVI's 29th Annual Cardiology Update by 5:00pm on Friday, 9/30/22
- Submit your fully completed online program evaluation for CVI's 29th Annual Cardiology Update by 5:00pm on Friday, 11/25/22.
- And you are entered to win... **It's as easy as that!** Winner will be contacted via email.