CVI’s 23rd Annual

Cardiology Update: Clinical Management of Heart Disease 2016: Translating Science into Practice: A Practical Approach to Treating Heart Disease

Continuing Medical Education Program

Sunday, October 23, 2016
7:30am – 5:30pm
Hilton Philadelphia at Penn’s Landing
201 South Columbus Boulevard • Philadelphia, PA

Keynote Presentations:

David B. Nash, MD MBA
Founding Dean, Jefferson College of Population Health
Dr. Raymond C. & Doris N. Grandon Professor of Health Policy
Sidney Kimmel Medical College at Thomas Jefferson University

Bernard J. Gersh, MBChB PhD
FRCP FACC
Professor of Medicine
Associate Chair, Academic Affairs & Faculty Development,
Division of Cardiovascular Diseases
Mayo Clinic College of Medicine

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

CME/CEU + MOC + ABIM Prescribed + NP Pharmacology Credits Available

REGISTER ONLINE: cviphiladelphia.org

Presented by:

Cardiovascular Institute
Einstein Healthcare Network
Pennsylvania Chapter

Philadelphia
**Who Should Attend?**
The target audience for our program includes Physicians (clinical and interventional cardiologists, electrophysiologists, cardiac surgeons, family practice, internal - emergency - genetric 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 23rd Annual CVI Cardiology Update focuses on "Translating Science into Practice: A Practical Approach to Treating Heart Disease." This CME program offers outstanding faculty, providing the most relevant and up-to-date information on diagnosis, management and prevention of cardiovascular diseases and comorbid conditions.

This year's program features two "Keynote Presentations." The first presentation will be given by Dr. David Nash, Founding Dean of Jefferson College of Population health on the role of Population Health strategies in effective management of cardiovascular health. The second presentation will focus on selecting the "right" NOACs for patients with non-valvular atrial fibrillation, and is being delivered by internationally recognized expert Dr. Bernard Gersh, Professor of Medicine at the Mayo Clinic College of Medicine.

Additional focus topics for CVI's 23rd Annual Cardiology Update include: Updated Guidelines for Heart Failure Management; New Guidelines for Non-Statin LDL-Lowering Drugs; Decreasing CV Risk in Diabetic Patients; CV Disease in HIV Patients; Genetic Testing in CVD; Surgical Perspectives of Valvular Heart Disease – LVADs, TAVR, MICS and Robotics; Venous Insufficiency; Advances in Coronary Intervention, from relief of angina through the evolution of modern stent technology; and ECG Recognition of various CV conditions including coronary disease, arrhythmia, heart failure, cardiomyopathy, heart valve defects, congenital heart defects.

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 CVI's 23rd Annual Cardiology Update, attendees will be better able to:
- Recognize shortcomings in the current American healthcare system as relates to population health.
- Recognize latest trends in treatment and outcomes for patients with heart failure.
- Discuss recent updates to ACC/AHA/HFSA Heart Failure Guidelines.
- Discuss recent updates to cholesterol guidelines.
- Recognize when and how to use non-statin LDL lowering drugs.
- Describe the relationship between glucose lowering and CV risk reduction.
- Implement rational type 2 diabetes treatment strategies to optimize CV risk, based on emerging evidence from recent clinical trials.
- Synthesize the results of the randomized trials of NOACs vs warfarin.
- Discuss drug interactions with antiplatelet agents.
- Review the cardiovascular complications associated with HIV infection.
- Discuss the mechanisms underlying increased CVD risk and treatments for HIV infected patients.
- Decide when genetic testing is appropriate for patients with cardiomyopathy, arrhythmia, and sudden death.
- Discuss the power and limitations of modern genetic testing, particularly issues of analytic validity, clinical validity and clinical utility.
- Describe new applications and indications for Left Ventricular Assist Devices and Transcatheter Aortic Valve Replacement.
- Discuss advances in robotic and minimally invasive cardiac surgery in patients with valvular heart disease.
- Trace the evolution of stent technology from bare metal to drug eluting to bioabsorbable coronary stents.
- Identify patients suffering from venous insufficiency who may benefit from venoablation.
- Recognize electrocardiographic abnormalities of genetic disorders.
- Appropriately identify EKG findings indicating the need for cardiac pacing.

**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 sponsorship 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.

Application for CME credit has been filed with the American Academy of Family Physicians. Determination of credit is pending.

**Credit Designation Statement:**
**AMA:** Einstein Medical Center designates this live educational event for a maximum of 7.75 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the educational event.

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

**AAFP:** Application for CME credit has been filed with the American Academy of Family Physicians. Determination of credit is pending.

Please note: Physicians accrediting through AOA and AAFP will receive an AMA certificate which they may submit to their accrediting bodies.
FACULTY

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Director of Preventive Cardiology, Pennsylvania Hospital

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Associate Directors
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Einstein Medical Center Montgomery

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Drexel University College of Medicine
Chief, Division of Sports Medicine
Drexel Sports Medicine

Keynote Speakers
David B. Nash, MD MBA
Founding Dean
The Dr. Raymond C. and Doris N. Grandon Professor of Health Policy
Jefferson College of Population Health
Professor of Medicine, Division of Internal Medicine
Sidney Kimmel Medical College at Thomas Jefferson University

Bernard J. Gersh, MBChB PhD FRCP FACC
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Associate Chair, Academic Affairs and Faculty Development, Division of Cardiovascular Diseases
Mayo Clinic College of Medicine

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Stony Brook University

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Co-Director, Center for Vascular Excellence
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Yale University School of Medicine
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Clinical Chief, Section of Endocrinology
Yale-New Haven Hospital

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Drexel University College of Medicine

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RA Reif Cardiovascular Institute – Doylestown Hospital
Professor of Surgery (Cardiothoracic)
Temple University School of Medicine

Robert L. Nussbaum, MD
Eminent Professor of Medicine
University of California San Francisco School of Medicine

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Assistant Professor of Surgery
Sidney Kimmel Medical College at Thomas Jefferson University
Surgeon, Heart Valve Clinic
Lankenau Medical Center

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Certified Clinical Lipid Specialist
Diplomate Accreditation Council for Clinical Lipidology
President National Lipid Association
Consultative Education Specialist, Cardiovascular Risk Intervention
University of Pennsylvania Health System

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Perelman School of Medicine at the University of Pennsylvania

Robert D. Schaller, DO
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Perelman School of Medicine at the University of Pennsylvania

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.
# AGENDA

**CVI's 23rd Annual Cardiology Update**  
**Clinical Management of Heart Disease 2016:**  
**Translating Science into Practice:**  
**A Practical Approach to Treating Heart Disease**  
**Sunday, October 23, 2016**  
Hilton Philadelphia at Penn’s Landing  
8.75 CME/CEU Credits Total • 2.5 Pharmacology Credits for NPs in PA  
7.75 MOC Points ♥ = ABIM – MOC ELIGIBLE SESSION

<table>
<thead>
<tr>
<th>Event</th>
<th>Speaker</th>
<th>Time</th>
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<tbody>
<tr>
<td><strong>Introduction and Course Overview</strong></td>
<td>Dean Karalis, MD</td>
<td>7:30am – 7:45am</td>
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<tr>
<td><strong>♥ Pre-Test</strong></td>
<td>Dean Karalis, MD</td>
<td>7:45am – 8:00am</td>
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<tr>
<td><strong>♥ Population Health: Is it the Secret Sauce in CV Health</strong></td>
<td>David Nash, MD</td>
<td>8:00am – 8:45am</td>
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<tr>
<td><strong>♥ Advances and Guideline Update for the Management of Heart Failure</strong></td>
<td>Javed Butler, MD</td>
<td>8:45am – 9:30am</td>
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<tr>
<td><strong>♥ Making Sense of the New Guidelines for Use of Non-Statin LDL Cholesterol Lowering Drugs</strong></td>
<td>Joyce Ross, CRNP</td>
<td>9:30am – 10:15am</td>
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<tr>
<td><strong>BREAK</strong></td>
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<tr>
<td><strong>♥ Can We Decrease CV Risk By Lowering Glucose in Patients with Diabetes</strong></td>
<td>Silvio Inzucchi, MD</td>
<td>10:15am – 10:45am</td>
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<tr>
<td><strong>♥ Non-Valvular Atrial Fibrillation – NOACs: To Whom, How and When</strong></td>
<td>Bernard Gersh, MD</td>
<td>10:45am – 11:30am</td>
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<tr>
<td><strong>♥ Post-Test</strong></td>
<td>Dean Karalis, MD</td>
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<td><strong>LUNCH</strong></td>
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<tr>
<td><strong>♥ Pre-Test</strong></td>
<td>Veronica Covalesky, MD</td>
<td>1:00pm – 1:15pm</td>
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**Cardiovascular Disease in HIV-Infected Patients***(1,2,3)  
Priscilla Hsue, MD  
1:15pm – 2:15pm

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<tr>
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<tr>
<td><strong>♥ The Role of Genetic Testing in Cardiovascular Disease</strong></td>
<td>Robert Nussbaum, MD</td>
<td>2:15pm – 3:00pm</td>
</tr>
<tr>
<td><strong>♥ Complex Decision Making in Valvular Heart Disease - LVADS, TAVR, MICS and Robotics Case Presentations and Panel Discussions</strong></td>
<td>Joseph Bavaria, MD</td>
<td>3:00pm – 3:45pm</td>
</tr>
<tr>
<td><strong>♥ Post-Test</strong></td>
<td>Dean Karalis, MD</td>
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<td><strong>LUNCH</strong></td>
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<tr>
<td><strong>♥ Pre-Test</strong></td>
<td>Veronica Covalesky, MD</td>
<td>5:00pm – 5:15pm</td>
</tr>
<tr>
<td><strong>Review and Closing</strong></td>
<td>Veronica Covalesky, MD</td>
<td>5:15pm – 5:30pm</td>
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*(1,2,3)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.*
REGISTRATION FORM

Name ____________________________
Degree __________________________________
Gender o M o 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 October 14, 2016 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

Course Registration Cancellation Policy:
Requests in writing for refunds less $35 administrative fee by October 18, 2016 processed after the meeting. Registrations are transferable with prior notification to CVI by October 18, 2016.

**FREE Apple iPad Drawing Details
In order to be entered into the FREE Apple iPad Drawing, you must:
• Register and pay for CVI’s 23rd Annual Cardiology Update: Clinical Management of Heart Disease 2016 by 5:00pm EST on Friday, September 30, 2016
• Submit your fully completed online program evaluation for CVI’s 23rd Annual Cardiology Update: Clinical Management of Heart Disease 2016 by 5:00pm EST on Friday, November 11, 2016
• And you are entered to win… It’s as easy as that! Winner will be contacted via email.

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Order Early Bird Regular Price Total
Physicians & Industry Registration __@ $125 (by 9/30/16) __@ $160 (after 9/30/16) ____________
Mid Level Providers, Nurses, Fellows, Residents Registration __@ $75 (by 9/30/16) __@ $110 (after 9/30/16) ____________
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