

**\$35 Early Bird Registration Discount
and FREE Apple iPad Drawing
by 9/15/17**
See inside for details**



4th Annual Role of Cardiac Imaging in the Female Patient

Saturday, October 14, 2017

DoubleTree Suites by Hilton – Mt. Laurel, NJ

515 Fellowship Road North, Mount Laurel, New Jersey, 08054

**Offering 7.0 CME/CEU Credits for all
7.0 SDMS Credits for Sonographers
6.0 SNMMI VOICE Credits for Nuclear Technologists**

Presented by:



In partnership with
**NEW JERSEY CHAPTER
AMERICAN COLLEGE OF CARDIOLOGY**

**Renee P. Bullock-Palmer,
MD FACC FASNC FASE FSCCT**
Course Director

**William S. Hirsch, DO FACC
Richard Kovach,
MD FACC FSCAI FACP**
Associate Directors



This activity is tracked by



**Register
online at
cvphiladelphia.org**

Why You Should Attend

Deborah Heart and Lung Center (DHLC) and Cardiovascular Institute of Philadelphia's (CVI) 4th Annual Role of Cardiac Imaging in the Female Patient CME Program is designed to further the clinical application, management and interpretation skills of physicians, technologists and mid-level providers involved in non-invasive cardiac imaging. The agenda for DHLC/CVI's 4th Annual Role of Cardiac Imaging in the Female Patient CME Program focuses on a variety of topics in non-invasive cardiac imaging, including: Diagnostic approaches for detecting CAD in Women; Recent Advances in Nuclear SPECT; Stress testing in women – beyond myocardial perfusion; CVD in women; Assessment/management of peripartum cardiomyopathy; 3D echo in valvular heart disease; Device therapy in women with cardiomyopathy; Percutaneous treatment – beyond TAVR; Interesting echo case; Echo in congenital heart disease in pregnancy; Stress echo in assessing valvular disease; Echo in assessing and managing ASD, VSD, Paravalvular leaks; Cardiac MRI in assessing valvular heart disease in women; and New Cardiac CT-CAD –RADS reporting guidelines.

Target Audience

This activity is designed for Cardiologists, Cardiology Fellows, Residents, Cardiac Sonographers, Nuclear Technologists, Nurse Practitioners, Physician Assistants, Nurses and Medical Assistants who participate in the care of patients with cardiovascular disease; and other physicians and healthcare professionals with an interest in the subject matter.

Learning Objectives

After attending the Deborah Heart and Lung Center and Cardiovascular Institute of Philadelphia's 4th Annual Role of Cardiac Imaging in the Female Patient CME Program, attendees will be better able to:

- Incorporate the best diagnostic approaches into regular clinical practice for the diagnosis and detection of CAD in women
- Describe recent advances in Nuclear SPECT imaging and their clinical utility such as solid state CZT imaging systems, and new post processing software
- Identify prognostic markers for females undergoing stress testing beyond myocardial perfusion such as functional capacity and Duke treadmill score
- Discuss recent updates on cardiovascular disease in women
- Summarize key aspects in the assessment and management of peripartum cardiomyopathy
- Recognize the value and role of echocardiography in the management of congenital heart disease during pregnancy
- Discuss updates on device therapies in female patients with cardiomyopathy such as Bi-V CRT devices with multipolar leads and implanted hemodynamic monitoring devices
- Review percutaneous treatment of valvular disease in the Cath Lab - Beyond TAVR such as transcatheter PVR as well as valve in valve replacement of the mitral and aortic valve
- Identify rare pathology as well as common artifacts seen on echo

- Describe the value of newer technologies such as Strain and 3D echo in the assessment of valvular disease in women
- Recognize the utility of stress echo in the assessment of valvular disease
- Examine the value of echocardiography in the assessment and percutaneous management of ASDs, VSDs and paravalvular leaks
- Characterize the use of Cardiac MRI in the assessment of valvular heart disease in women
- Incorporate the new cardiac CT-CAD-RADS reporting guidelines into clinical practice

Accreditation Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Committee on Medical Education, Medical Society of New Jersey through which Deborah Heart and Lung Center has been accredited as an Intrastate Provider of Continuing Medical Education for Physicians. The Medical Society of NJ is accredited by the ACCME to provide continuing medical education for physicians.

Credit Designation Statement

AMA: Deborah Heart and Lung Center designates this Live Event for a maximum of *7.0 AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity

AOA: This program is eligible for 7.0 credits in category 2A of the American Osteopathic Association through the Pennsylvania Osteopathic Medical Association Foundation

Please note: physicians accrediting through AOA and all other attendees will receive an AMA certificate of attendance which they may submit to their accrediting bodies.

SDMS: Deborah Heart and Lung Center and Cardiovascular Institute of Philadelphia's 4th Annual Role of Cardiac Imaging in the Female Patient CME Program has been approved for 7.0 Credits by SDMS; Approval #: 34507.

SNMMITS VOICE Accreditation Information:

The SNMMI, through its Verification of Involvement in Continuing Education (VOICE) program, has approved this meeting for a maximum of 6.0 continuing education hours (CEHs). VOICE-approved credit is recognized by most licensure states and by the NMTCB and ARRT as Category A+ credit. Participants will receive CE credit for those sessions at which they were present a minimum of 80%.

PRE AND POST-TEST

Prior to the program, all attendees must complete a brief online pre-test relevant to the topics being presented. A web-link will be sent several weeks prior to the program for this purpose. Attendees must also complete an online post-test after the program asking the same questions to help assess knowledge gained as a result of attending the program. Pre and Post-Test MUST be submitted in addition to the evaluation to receive CME certificates for this program.

FACULTY

Course Director

Renee P. Bullock-Palmer, MD FACC FASNC FASE FSCCT

Clinical Associate Professor, Division of Cardiology
Philadelphia Osteopathic College of Medicine
Director of the Women's Heart Center
Director of Non-Invasive Cardiac Imaging
Deborah Heart and Lung Center

Associate Directors

William S. Hirsch, DO FACC

Chair, Cardiology
Deborah Heart and Lung Hospital Center

Richard C. Kovach, MD FACC FSCAI FACP

Clinical Professor of Medicine
Philadelphia Osteopathic College of Medicine
Director, Interventional Cardiology Division
Medical Director, Adult Cardiac Catheterization Laboratory
Deborah Heart and Lung Hospital Center

Keynote Faculty

Nanette K. Wenger, MD MACC MACP FAHA

Professor of Medicine, Cardiology
Emory University School of Medicine
Consultant, Emory Heart and Vascular Center
Founding Consultant, Emory Women's Heart Center

Visiting Faculty

Lauren Anne Baldassarre, MD

Assistant Professor of Medicine, Cardiology
Yale School of Medicine
Director, Onco-Cardiology
Yale New Haven Hospital

Gary V. Heller, MD PhD FACC MASNC

Consultant, Nuclear Cardiology
Gagnon Cardiovascular Institute at Morristown Medical Center

Joseph F. Maalouf, MD FACC FAHA FASE

Professor of Medicine
Mayo Clinic College of Medicine
Director, Interventional Echocardiography
Mayo Clinic, Rochester, Minnesota

Prem Soman, MD PhD FACC

Associate Professor of Medicine, Cardiology
Associate Professor of Clinical and Translational Science
University of Pittsburgh School of Medicine
Director, Nuclear Cardiology
University of Pittsburgh Heart and Vascular Institute

Catherine R. Weinberg, MD

Clinical Instructor, Adult Congenital Heart Disease Program
New York University Langone Medical Center
and Bellevue Hospital Center

Regional Faculty

Rene J. Alvarez Jr., MD FACC FAHA

Professor of Medicine
Lewis Katz School of Medicine at Temple University
Vice Chief, Section of Cardiology
Temple Heart and Vascular Institute

Raffaele Corbisiero, MD FACC

Chair, Electromechanical Institute
Director, Electrophysiology and Pacing Division
Deborah Heart and Lung Hospital Center

Allen Mogtader, MD FACC FASE FACP

Director, Non-Invasive Cardiology
Director, Echocardiography Laboratory
Deborah Heart and Lung Hospital Center

Riti Patel, MD, FACC, FASE

Clinical Cardiologist
Main Line HealthCare

Pravin V. Patil, MD FACC FASE

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

Kintur A. Sanghvi, MD FACC FSCAI

Associate Professor of Clinical Medicine
Philadelphia Osteopathic College of Medicine
Assistant Director, Cardiac Catheterization Laboratory
Associate Medical Director, Interventional Cardiology and
Endovascular Medicine
Deborah Heart and Lung Hospital Center

Conflict of Interest Statement:

Faculty and all others who have the ability to control the content of continuing medical education activities sponsored by Deborah Heart and Lung 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.



Deborah Heart & Lung Center and CVI appreciate the partnership of NJACC in presenting this educational initiative

AGENDA

4th Annual Role of Cardiac Imaging in the Female Patient

Saturday, October 14, 2017

7.0 CME/CEU/SDMS Credits

Introduction and Course Overview

Renee Bullock-Palmer, MD 7:30am – 7:45am

Nuclear Imaging in Women

What is the Best Diagnostic Approach in the Detection of CAD in Women?

Gary Heller, MD 7:45am – 8:15am

Recent Advances in Nuclear SPECT Imaging and their Clinical Applications

Prem Soman, MD 8:15am – 8:45am

Prognostic Markers for Females Undergoing Stress Testing Beyond Myocardial Perfusion

Renee Bullock-Palmer, MD 8:45am – 9:15am

BREAK 9:15am – 9:45am

Keynote Presentation

Recent Updates on Cardiovascular Disease in Women

Nanette Wenger, MD 9:45am – 10:30am

Diagnostic and Management Challenges in Female Patients

Assessment & Management of Peripartum Cardiomyopathy

Rene Alvarez, MD 10:30am – 11:00am

Evolving Role of 3D Echocardiography in Valvular Heart Disease

Joseph Maalouf, MD 11:00am – 11:30am

Topics in Electrophysiology, Structural Heart Disease and Echocardiography

William Hirsch, MD Moderator

Updates on Device Therapies in Female Patients with Cardiomyopathy

Raffaele Corbisiero, MD 11:30am – 11:45am

Percutaneous Treatment of Valvular Disease in the Cath Lab - Beyond TAVR

Kintur Sanghvi, MD 11:45am – 12:00pm

My most interesting ECHO case - Read With the Expert

Allen Mogtader, MD 12:00pm – 12:15pm

LUNCH 12:15pm – 1:00pm

Echocardiography in the Female Patient

The Role of Echocardiography in the Management of Congenital Heart Disease in Pregnancy

Catherine Weinberg, MD 1:00pm – 1:30pm

The Basics of Strain Imaging in Echo

Riti Patel, MD 1:30pm – 2:00pm

What is the Value of Echocardiography in the Assessment and Percutaneous Management of ASDs, VSDs and Paravalvular Leaks

Pravin Patil, MD 2:00pm – 2:30pm

Cardiac CT/ Cardiac MRI Imaging Female Patient

The Use of Cardiac MRI in the Assessment of Valvular Heart Disease in Women

LaurenAnne Baldassarre, MD 2:30pm – 3:00pm

New Reporting Cardiac CT-CAD-RADs Reporting Guidelines

Renee Bullock-Palmer, MD 3:00pm – 3:30pm

Review and Closing

Renee Bullock-Palmer, MD 3:30pm – 3:45pm

4th Annual Role of Cardiac Imaging in the Female Patient

Deborah Heart and Lung Women's Heart Center & The Cardiovascular Institute of Philadelphia

Saturday, October 14, 2017

REGISTRATION FORM

REGISTRATION FEES

Be an early bird ... sign up and pay your registration by Sept. 15, 2017 and take \$35 off your registration fee!

- Physicians and Industry: \$160 (\$125 early bird by 9/15/17)**
- Mid Level Providers, Nurses, Fellows, Residents: \$110 (\$75 early bird by 9/15/17)**

**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 Oct. 6, 2017.** 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
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 7, 2017 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 4, 2017 processed after the meeting. Registrations are transferable with prior notification to CVI by October 4, 2017.

Order	Early Bird Discount	Regular Price	Total
Physicians & Industry Registration	_____ @ \$125 (by 9/15/17)	_____ @ \$160 (after 9/15/17)	\$ _____
Mid Level Providers, Nurses, Fellows, Residents Registration	_____ @ \$75 (by 9/15/17)	_____ @ \$110 (after 9/15/17)	\$ _____
Hard Copy Syllabus	N/A	_____ @ \$50 Must order by 10/6/17	\$ _____
Pay by Visa/MC/Amex	Add \$6 per registration	Add \$6 per registration	\$ _____
Apple iPad Drawing Entry**	FREE		FREE
GRAND TOTAL			\$ _____

Visa MC Amex

Card # _____ Exp. Date ____/____

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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 the 4th Annual Role of Cardiac Imaging in the Female Patient by 5:00pm EST on Friday, September 15, 2017
- Submit your fully completed online program evaluation for the 4th Annual Role of Cardiac Imaging in the Female Patient by 5:00pm EST on Friday, November 3, 2017.
- And you are entered to win... *It's as easy as that!* Winner will be contacted via email.