

**\$35 Early Bird Registration Discount
and FREE Apple iPad Drawing
by 10/15/18**
See inside for details**



5th Annual Role of Cardiac Imaging in the Female Patient

Saturday, November 3, 2018

DoubleTree Suites by Hilton – Mt. Laurel, NJ

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

**Offering 7.25 CME/CEU Credits for all
7.25 SDMS Credits for Sonographers
6.25 SNMMI VOICE Credits for Nuclear Technologists
6.75 ABIM MOC Points**



Presented by:



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



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

William S. Hirsch, DO FACC
Associate Director

This activity is tracked by



**Register
online at
cviphiladelphia.org**

Why You Should Attend

Deborah Heart and Lung Center (DHLC) and Cardiovascular Institute of Philadelphia's (CVI) 5th Annual Role of Cardiac Imaging in Female Patients 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 5th Annual Role of Cardiac Imaging in Female Patients CME Program focuses on a variety of topics in non-invasive cardiac imaging, including: Influence of Hormones in the Perimenopausal Period on Heart Disease in Women, Nutritional Determinants of Cardiovascular Health, Prevention Education in Cardiology, 3D Echo in the OR and Hybrid OR, Stress Echo in Valvular Heart Disease, Diagnosing Diastolic Dysfunction, Strain in the Echo Lab – Infiltrative Heart Disease – Chemotherapy Induced Cardiomyopathy, Cardiac PET in Infiltrative Heart Disease, Cardiac CT Current and Future Applications, Multimodality Imaging in Managing Cardiac Complications of Cancer Therapy, and Nuclear 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 5th Annual Role of Cardiac Imaging in the Female Patient CME Program, attendees will be better able to:

- Evaluate relationships between reproductive hormones, including oral contraceptives and hormone replacement therapy to cardiovascular disease in women
- Review strategies for use of oral contraceptives and hormone replacement therapy to optimize risk benefit ratios
- Discuss guidelines for use of oral contraceptives and hormone replacement therapy
- Relate the changes in coronary plaque occurring with a plant-based diet.
- Summarize the long-term effects of a plant-based diet.
- Utilize plant based nutrition to improve overall cardiovascular health
- Define the field of preventive cardiology and preventive cardiology training.
- Recognize the impact of dyslipidemia, hypertension, diabetes and lifestyle on cardiovascular disease prevention based on the latest 2018 updates.
- Utilize the knowledge gained on cardiovascular disease prevention to apply to their patients and to provide individualized preventive care.
- Describe how to incorporate cardiovascular disease prevention in clinical care and education.
- Outline the usefulness and evolving role of 3D Echocardiography in the OR and hybrid OR
- Recognize the Incremental value of 3D TEE in guiding surgical mitral valve repair
- Describe the role of 3D echocardiography in planning mitral valve repair
- Describe the importance of stress testing in aortic stenosis
- Recognize the role of stress testing in the assessment of valvular heart disease
- Outline how to perform stress testing in the assessment of valvular heart disease
- Describe the echocardiographic features of diastolic left ventricular dysfunction
- Define the different grades of diastolic left ventricular dysfunction
- Evaluate ancillary echocardiographic findings in the assessment of diastolic dysfunction
- Examine the role of ECHO in diagnosing infiltrative heart disease
- Evaluate the use of ECHO in diagnosing Chemotherapy Induced cardiomyopathy
- Describe the role of ECHO in managing Chemotherapy Induced

cardiomyopathy

- Describe indications for F-18 FDG imaging in sarcoidosis
- Outline emerging indications for F-18 amyloid tracer imaging
- Recognize the value of PET imaging in the assessment of infiltrative heart disease
- Explain the advantages of coronary artery calcium scoring to better select patients for preventive cardiovascular treatments.
- Detail the current and potential future roles of coronary CTA for the evaluation of patients with chest pain and structural heart diseases.
- Describe the evolving role of cardiac CT in clinical practice
- Describe chemotherapeutic agents associated with cardiotoxicity
- Recognize mechanism of the cardiotoxicity of chemotherapeutic agents.
- Recognize the early signs of cardiotoxicity in chemotherapeutic agents.
- Outline the essential features to report on a Nuclear stress study
- Define what a complete structured report for Nuclear stress testing is comprised of in order to meet the required standard for nuclear lab accreditation
- Describe the essential features to report on a PYP study for Cardiac ATTR type amyloidosis

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 7.25 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 7.25 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 5th Annual Role of Cardiac Imaging in the Female Patient CME Program has been approved for 7.25 Credits by SDMS. Approval #38741.

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%.

MOC Credits/Points: Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 6.75 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.

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 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 Director

William S. Hirsch, DO FACC

Chair, Cardiology
Deborah Heart and Lung Hospital Center

Keynote Faculty

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James B. Herrick Professor
Chief, Division of Cardiology
Rush University Medical Center

Faculty

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Director
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Director, Cardiac CT Program and Cardiovascular Research Programs
Walter Reed National Military Medical 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

5th Annual Role of Cardiac Imaging in the Female Patient

Saturday, November 3, 2018

7.25 CME/CEU CREDITS • 6.75 MOC Points ♥ = ABIM – MOC ELIGIBLE SESSION

Introduction and Course Overview

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

♥ Morning Pre Test

Renee Bullock-Palmer, MD 7:45am – 8:00am

Opening Session

Moderator: Renee Bullock-Palmer, MD

♥ Heart Disease in Women and the Influence of Hormones in the Perimenopausal Period

Noel Bairey-Merz, MD 8:00am – 8:30am

Preventive Cardiology

Moderator: Renee Bullock-Palmer, MD

Keynote Presentation

♥ Nutritional Determinants of Cardiovascular Health

Kim Allan Williams, MD 8:30am – 9:15am

♥ Prevention Education in Cardiology

Eugenia Gianos, MD 9:15am – 9:45am

BREAK

. 9:45am – 10:15am

Echocardiography in the Female Patient

Moderator: William Hirsch, DO

♥ The Use of 3D Echo in the Operating Room & Hybrid OR

Joseph Maalouf, MD 10:15am – 10:45am

♥ Stress Echo in Valvular Heart Disease

Linda Gillam, MD 10:45am – 11:15am

♥ Diastolic Dysfunction- Yes or No??

Allen Mogtader, MD 11:15am – 11:45am

♥ The Value of Strain in the ECHO Lab – Infiltrative Heart Disease, Chemotherapy Induced Cardiomyopathy

Renee Bullock-Palmer, MD 11:45am – 12:15pm

♥ Morning Post Test

Renee Bullock-Palmer, MD 12:15pm – 12:30pm

LUNCH

. 12:30pm – 1:15pm

♥ Afternoon Pre Test

Renee Bullock-Palmer, MD 1:15pm – 1:30pm

Nuclear and CT Imaging in the Female Patient

Moderator: Renee Bullock-Palmer, MD

♥ The Role of Cardiac PET in Infiltrative Heart Disease

Sharmila Dorbala, MD 1:30pm – 2:00pm

♥ Cardiac CT-Present and Future Applications

Todd Villines, MD 2:00pm – 2:30pm

♥ Multimodality Imaging in the Management of Cardiac Complications of Cancer Therapy

Diwakar Jain, MD 2:30pm – 3:00pm

♥ Nuclear Reporting – What are the Guidelines?

Case Presentations

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

♥ Afternoon Post Test

William Hirsch, DO 3:30pm – 3:45pm

Review and Closing

Renee Bullock-Palmer, MD 3:45pm – 4:00pm

5th Annual Role of Cardiac Imaging in the Female Patient

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

Saturday, November 3, 2018

REGISTRATION FORM

REGISTRATION FEES

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

- Physicians and Industry: \$160 (\$125 early bird by 10/15/18)**
- Mid Level Providers, Nurses, Fellows, Residents: \$110 (\$75 early bird by 10/15/18)**

**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 Oct. 22, 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
 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 22, 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

Course Registration Cancellation Policy:

Requests in writing for refunds less \$35 administrative fee by October 20, 2018 processed after the meeting. Registrations are transferable with prior notification to CVI by October 20, 2018.

Order	Early Bird Discount	Regular Price	Total
Physicians & Industry Registration	_____ @ \$125 (by 10/15/18)	_____ @ \$160 (after 10/15/18)	\$ _____
Mid Level Providers, Nurses, Fellows, Residents Registration	_____ @ \$75 (by 10/15/18)	_____ @ \$110 (after 10/15/18)	\$ _____
Hard Copy Syllabus	N/A	_____ @ \$50 Must order by 10/22/18	\$ _____
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 ____/____

Name as appears on card _____

Billing address of card _____

Signature _____

**FREE Apple iPad Drawing Details

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

- Register and pay for the 5th Annual Role of Cardiac Imaging in the Female Patient by 5:00pm EST on Friday, October 15, 2018
- Submit your fully completed online program evaluation for the 5th Annual Role of Cardiac Imaging in the Female Patient by 5:00pm EST on Monday, November 26, 2018.
- And you are entered to win... *It's as easy as that!* Winner will be contacted via email.