6th Annual Role of Cardiac Imaging in the Female Patient

Saturday, November 2, 2019
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
7.0 SNMMI VOICE Credits for Nuclear Technologists
6.5 ABIM MOC Points

Registered
online at
cviphiladelphia.org

In partnership with
NEW JERSEY CHAPTER
AMERICAN COLLEGE OF CARDIOLOGY

Register online at
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Renee Bullock-Palmer,
MD FACC FASNC FASE FSCCT
Course Director

$50 Early Bird Registration Discount
and FREE Apple iPad Drawing
by 10/15/19**
See inside for details
Why You Should Attend
Deborah Heart and Lung Center (DHLC) and Cardiovascular Institute of Philadelphia’s (CVI) 6th 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 6th Annual Role of Cardiac Imaging in Female Patients CME Program focuses on a variety of topics in non-invasive cardiac imaging including: Physiologic Cardiovascular Changes in Pregnancy; Identifying and Managing High CVD Risk Features in Pregnancy; Echo Guidance in Percutaneous Repair of Mitral Valve Disorders in Women; Management of Vakular Heart Disease in Pregnancy; Spontaneous Coronary Artery Dissection; Role of Cardiac CT in the Management of Female Patients; Use of Cardiac PET Perfusion Imaging in Women to Assess CAD; Role of Nuclear Imaging in Diagnosing Cardiac Amyloidosis; Diagnosis and Management of Pulmonary Hypertension in Women; Use of Echocardiography in the Assessment of Left Ventricular Assist Devices.

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 6th Annual Role of Cardiac Imaging in the Female Patient CME Program, attendees will be better able to:
- Summarize the hemodynamic changes occurring in a normal singleton pregnancy
- Describe the cardiometabolic changes occurring in a normal singleton pregnancy
- Explain normal biomarker changes in pregnancy
- Recognize the high risk Cardiovascular (CVD) features in pregnancy
- Determine the appropriate management of pregnant patients with elevated CVD risk
- Review the value of pre pregnancy council for women with high CVD risk
- Review the 3D echo imaging tools that are used during trans catheter mitral repair
- Define key views for monitoring of transcatheter Mitral repair
- Outline the echo measures of successful mitral valve clipping
- Review the anticoagulation management of mechanical valves in pregnancy
- Estimate the risk of pregnancy in patients with VHD
- Outline appropriate follow up of VHD in pregnancy
- Determine the appropriate diagnostic pathway for patients suspected to have Cardiac Amyloidosis (CA)
- Define the importance of clonal analysis to rule out AL Cardiac Amyloidosis
- Review the latest treatment options for TTR cardiac amyloid
- Define the TTR Cascade and emerging imaging options to follow TTR cardiac amyloid
- Recognize signs and symptoms of spontaneous coronary artery dissection (SCAD)
- Describe conditions associated with SCAD
- Summarize management strategies for SCAD
- Illustrate the importance of non-obstructive CAD in women
- Explain the prognostic relationship between CT markers of plaque
- Define the benefits of Cardiac PET over other imaging modalities
- Explain the specific benefits of Cardiac in Women with known or suspected CAD
- Illustrate the value of myocardial blood flow assessment in women
- Comprehend the basic clinical characteristics and physiology of the major forms of pulmonary hypertension
- Recognize the significance of PH in pregnancy
- Review the optimal management of PH in pregnancy
- Indicate intervals for surveillance echocardiography for uncomplicated clinical course with LVAD
- Recognize common post LVAD complications identified on echocardiography
- Describe “Speed Change echo”

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 Instrastate 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 6th Annual Role of Cardiac Imaging in the Female Patient CME Program has been approved for 7.0 Credits by SDMS. Approval pending.

SNMMITS VOICE Accreditation Information:
The SNMMI, through its Verification of Involvement in Continuing Education (VOICE) program, has approved this meeting for a maximum of 7.0 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%. Approval pending.

MOC Medical Knowledge 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.
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

Keynote Faculty

Martha Gulati, MD MS FACC FAHA FASPC
Professor of Medicine
Chief, Division of Cardiology
University of Arizona – Phoenix

Faculty

Kulpreet Barn, MD
Director, Heart Failure Program
Deborah Heart and Lung Center

Paul R. Forfia, MD
Professor of Medicine
Lewis Katz School of Medicine at Temple University
Director Pulmonary Hypertension and
Right Heart Failure Program
Medical Director, Pulmonary
Thromboendarterectomy Program
Temple University Hospital

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Atlantic Health System

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University of Pennsylvania

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Mayo Clinic College of Medicine and Science
Consultant
Department of Cardiovascular Medicine
Mayo Clinic - Rochester

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.
6th Annual Role of Cardiac Imaging in the Female Patient
Saturday, November 2, 2019

7.0 CME/CEU CREDITS • 6.5 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

Pregnancy and the Heart

Keynote Presentation
♥ Pregnancy: The Ultimate Cardiac Stress Test For Females – Identifying and Managing High CVD Risk Features
Martha Gulati, MD .......................................................................................... 8:00am – 8:45am

Physiologic Cardiovascular Changes in Pregnancy:
How Do I Know What is Normal?
Monika Sanghavi, MD .................................................................................. 8:45am – 9:15am

Pregnancy and Valvular Heart Disease
♥ Mitral Valve Disorders in Women – Echo Guidance in Percutaneous Repair
Linda Gillam, MD .......................................................................................... 9:15am – 9:45am

BREAK ........................................................................................................... 9:45am – 10:15am

♥ Management of Valvular Heart Disease in Pregnancy
Renee Bullock-Palmer, MD ........................................................................... 10:15am – 10:45am

Emerging Presentations of Heart Disease in Women
♥ Spontaneous Coronary Artery Dissection
Marysia Tweet, MD ...................................................................................... 10:45am – 11:30am

♥ Morning Post Test
Renee Bullock-Palmer, MD ........................................................................... 11:30am – 11:45am

LUNCH ............................................................................................................ 11:45am – 12:30pm

♥ Afternoon Pre Test
Renee Bullock-Palmer, MD ........................................................................... 12:30pm – 12:45pm

Role of Nuclear Cardiology And CT In The Female Patient
♥ Role of Cardiac CT in the Management of Female Patients
Leslee Shaw, PhD ......................................................................................... 12:45pm – 1:15pm

♥ Assessment and Significance of CAD and Microvascular Disease in Women Using Cardiac PET Perfusion Imaging
Gary Heller, MD ........................................................................................... 1:15pm – 1:45pm

♥ Role of Nuclear Imaging in Diagnosing Cardiac Amyloidosis – Where Are We in 2019? (Case Based)
Renee Bullock-Palmer, MD ........................................................................... 1:45pm – 2:15pm

Echocardiography In The Female Patient To Assess Pulmonary Hypertension and Aortic Valve Stenosis
♥ Pulmonary Hypertension in Women: Diagnosis and Management
Paul Forfia, MD ........................................................................................... 2:15pm – 2:45pm

♥ Use of Echocardiography in the Assessment of Left Ventricular Assist Devices
Kulpreet Barn, MD ....................................................................................... 2:45pm – 3:15pm

♥ Afternoon Post Test
Renee Bullock-Palmer, MD ........................................................................... 3:15pm – 3:30pm

Review and Closing
Renee Bullock–Palmer, MD ........................................................................... 3:30pm – 3:45pm
**Registration Form**

**Registration Fees**
Be an early bird ... sign up and pay your registration by Oct. 15, 2019 and take $50 off your registration fee!
- Physicians and Industry: $175 ($125 early bird by 10/15/19)**
- Mid Level Providers, Nurses, Fellows, Residents: $125 ($75 early bird by 10/15/19)**

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

**Important Notes:**
You MUST register by October 21, 2019 to guarantee your seat.
Please make checks payable to: Cardiovascular Institute of Philadelphia
P.O. Box 56598 • Philadelphia, PA 19111
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 Oct. 21, 2019 processed after the meeting. Registrations are transferable with prior notification to CVI by Oct. 21, 2019.

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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 6th Annual Role of Cardiac Imaging in the Female Patient by 5:00pm EST on Tuesday, October 15, 2019
- Submit your fully completed online program evaluation for the 6th Annual Role of Cardiac Imaging in the Female Patient by 5:00pm EST on Friday, November 22, 2019.
- And you are entered to win... It’s as easy as that! Winner will be contacted via email.