

**\$35 early -bird discount and  
FREE Apple iPad drawing  
by 7/13/22!**  
See inside for details

Uploaded  
Proof of Covid  
Vaccination  
Required for All  
Attendees

# **2nd Annual CVI/Deborah Adult Congenital Heart Disease In-Person CME/CEU/SDMS Program "Back to the Basics of ACHD"**

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



## **Keynote Presentation**

It Takes a Village: The Importance of a Team Approach  
for Healthcare Transition in CHD

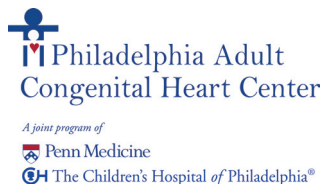
### **Anitha John, MD PhD**

Medical Director  
Washington Adult Congenital Heart Disease Program  
Children's National Medical Center

**7.5 CME/CEU Credits**

**7.5 SDMS Credits for Sonographers**

**7.0 ABIM MOC Knowledge Points**



In partnership with



New Jersey  
CHAPTER



**Register online at [cviphiladelphia.org](http://cviphiladelphia.org)**

## Why You Should Attend

Deborah Heart and Lung Center (Deborah) and the Cardiovascular Institute of Philadelphia's (CVI) 2nd Annual Adult Congenital Heart Disease Virtual CME/CEU Program is designed to better enable clinicians to medically manage patients born with congenital heart disease as they transition from pediatric to adult cardiovascular care.

The population of children with congenital heart disease (CHD) surviving to adulthood has grown to 90% over the last 50 years due to significant advances in the surgical management of CHD. This has led to an increased prevalence of adults living with CHD; estimating 1.5 million adults surviving CHD in the US alone.

There are less than 500 board-certified ACHD cardiologists in the United States today; clearly a shortage of ACHD physician resources and a significant knowledge gap in the management of these patients.

The overarching goal of this CVI/Deborah program is to bridge this knowledge gap by educating providers on the most appropriate diagnostic strategies and management of patients with adult congenital heart disease (ACHD).

## Target Audience

This activity is designed for all health professionals participating in the care of patients who have or will transition from pediatric to adult cardiology care for ongoing CHD management including: both adult and pediatric cardiologists, interventional cardiologists, electrophysiologists and cardiovascular surgeons. Several presentations will be especially useful for adult cardiac sonographers.

This program is also most appropriate for pediatricians, primary care and family medicine physicians, ACHD specialists, cardiology fellows, cardiac sonographers, Advanced Practice Providers including nurse practitioners and physician assistants, as well as nurses and all other healthcare professionals with an interest in the subject matter.

## Learning Objectives

After attending CVI/Deborah's 2nd Annual Adult Congenital Heart Disease CME/CEU/SDMS program, attendees will be better able to:

- Define the appropriate forms of contraception in patients with various types of ACHD
- Describe the types of ACHD patients who should avoid pregnancy due to increased maternal morbidity and mortality
- Summarize the appropriate prenatal, intrapartum and post-partum care for patients with ACHD
- Recognize the common long-term morbidities in adults with repaired tetralogy of Fallot.
- Discuss the challenges in risk stratification for sudden cardiac death in adults with repaired tetralogy of Fallot
- Explain the role of cardiac MRI in the management of the adult with repaired tetralogy of Fallot
- Select the patients that may benefit from pulmonary valve replacement
- Apply the transcatheter options that are available for transcatheter pulmonary valve replacement
- Compare the advantages and disadvantages of transcatheter versus surgical pulmonary valve replacement
- Recall the incidence of arrhythmias in TOF
- Summarize the etiology of arrhythmias in TOF
- Describe the therapeutic options to treat arrhythmias in TOF
- Identify PH in CHD
- Characterize the physiology of PH in CHD
- Synthesize hemodynamic information and formulate a treatment plan
- Describe the difference between healthcare transition versus transfer of care

- Discuss the importance of a multidisciplinary approach to healthcare transition
- Propose various healthcare transition program models
- Review the pathophysiology of Fontan associated liver disease and risk factors for more severe disease
- Define criteria to implement surveillance for hepatocellular carcinoma
- Summarize criteria to consider combined heart-liver transplantation as opposed to isolated heart transplantation in patients with Fontan associated liver disease
- Recognize the advancement of congenital heart disease
- Describe the special considerations for heart replacement therapies in the ACHD population
- Explain the importance of a multidisciplinary approach in the complex ACHD patient
- Describe physiologic principles underpinning the general guidelines
- Differentiate higher risk patients from lower risk patients for exercise
- Create an exercise prescription for ACHD patients
- Identify views and modification of standard adult echo protocols in assessment of CHD
- Identify clinical significance of echocardiography and impact on outcomes in ACHD
- Identify limitations and need for multimodality imaging in ACHD
- Characterize the incidence of native and recurrent coarctation of the aorta in adults
- Describe the anatomic variations in coarctation of the aorta in adults
- Summarize the transcatheter supplies and techniques utilized to treat coarctation of the aorta in adults

## Accreditation Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Medical Society of New Jersey (MSNJ) through the joint providership of Deborah Heart and Lung Center and The Cardiovascular Institute of Philadelphia (CVI). Deborah Heart and Lung Center is accredited by the MSNJ to provide continuing medical education for physicians.

## Credit Designation Statement

**AMA:** Deborah Heart and Lung Center designates this Live Event for a maximum of 7.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Please note: physicians accrediting through AOA will receive an AMA certificate of attendance which they may submit to the AOA for a maximum of 7.5 credits in category 2A of the American Osteopathic Association.

Advanced Practice Providers, Nurses and all other health care professional attendees will also receive an AMA certificate of attendance for a maximum of 7.5 credit hours to be submitted to their respective accreditation bodies.

**SDMS:** CVI/Deborah's ACHD CME Program has been approved for up to 7.5 credits.

## MOC Statement

**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 7.0 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.

# Faculty

## Course Directors

### Renee P. Bullock-Palmer, MD

Director of Non Invasive Cardiac Imaging  
Director of the Women's Heart Center  
Co -Director of the Adult Congenital Heart Disease program,  
Deborah Heart and Lung Center  
Clinical Associate Professor of Medicine  
Department of Medicine, Division of Cardiology,  
Thomas Jefferson University

### Boban P. Abraham, MD

Director, Cardiac Cath Lab and Adult Congenital Heart Disease Services  
Associate Professor of Pediatrics,  
Drexel University College of Medicine  
St. Christopher's Hospital for Children  
Deborah Heart And Lung Center

## Associate Program Directors

### Yuli Y. Kim, MD

Associate Professor of Medicine  
Medical Director, Philadelphia Adult Congenital Heart Center  
Penn Medicine and Children's Hospital of Philadelphia

### Richard C. Kovach, MD

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

### Shubhika Srivastava, MD

Professor of Pediatrics  
Sidney Kimmel Medical College and  
Thomas Jefferson University  
Chief of Cardiology; Co-Director  
Nemours Cardiac Center

## Keynote Faculty

### Anitha S. John, MD, PhD

Associate Professor  
George Washington University  
Medical Director, Washington Adult Congenital Heart Disease Program  
Children's National Hospital

## Faculty

### Kelly Axsom, MD

Assistant Professor of Medicine, Center for Advanced Cardiac Care  
Columbia University Irving Medical Center  
Medical Director, Centralized Heart Failure Management Program  
New York-Presbyterian Hospital

### Devyani Chowdhury, MD, MHA

Medical Director, Cardiology Care for Children, Lancaster, PA  
Medical Director, Adult Congenital Heart Disease  
Nemours Cardiac Center, Wilmington DE  
Professor of Pediatrics  
Sidney Kimmel Medical School  
Thomas Jefferson University

### Paul Forfia, MD

Professor of Medicine  
Co-Director Pulmonary Hypertension,  
Right Heart Failure, and CTEPH Program  
Temple University Hospital

### Moira Hilscher, MD

Instructor of Medicine  
Division of Gastroenterology and Hepatology  
University of Pennsylvania

### Barry Love, MD

Assistant Professor of Pediatrics and Medicine  
Icahn School of Medicine at Mount Sinai

### Deborah Rabinowitz, MD

Clinical Associate Professor of Radiology and Pediatrics  
Sidney Kimmel Medical College at Jefferson University

### Keri Shafer, MD

Assistant Professor, Harvard Medical School  
Attending Cardiologist- Adult Congenital Heart Disease  
Boston Children's Hospital, Brigham and Women's Hospital

### Mautly J. Shah, MBBS, FHRS, FACC

Director Cardiac Electrophysiology  
The Children's Hospital of Philadelphia  
Professor of Pediatrics  
Perelman School of Medicine, University of Pennsylvania

## Cardiac Sonographers

### Sue L. Cordua, RCCS

Cardiac Sonographer  
Deborah Heart and Lung Center

### Lisa Elliott, BHS, RDCC

Technical Director of Echo Imaging  
Nemours Children's Health

### Colleen Foley, RCCS

Congenital Cardiac Sonographer  
St. Christopher's Hospital for Children

## Cardiology Fellows

### Dominic J. Pinciotti, DO

Cardiology Fellow  
Deborah Heart and Lung Center

### Joshua Saef, MD

Adult Congenital Heart Disease Fellow  
Philadelphia Adult Congenital Heart Center  
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 Deborah Heart and Lung Center and the Cardiovascular Institute of Philadelphia 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 virtual display support will be acknowledged in the syllabus, signage and verbally at the program.



# In-Person Program Agenda

## 2nd Annual Adult Congenital Heart Disease CME Program

7.5 CME/CEU/SDMS Credits

♥ 7.0 ABIM MOC Knowledge Points

### Welcome and Introduction

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

### ♥ Contraception and Pregnancy in ACHD

*Renee Bullock-Palmer, MD* ..... 7:45am – 8:15am

### ♥ Focus on Tetralogy of Fallot

*Moderators: Yuli Kim, MD; Devyani Chowdhury, MD* ..... 8:15am – 9:30am

#### ♥ Challenging Case – Yuli Kim, MD

#### ♥ Transcatheter Management Pulmonary Valve Disease –

*Barry Love MD*

#### ♥ Medical and Interventional Management of Arrhythmias –

*Maully J. Shah, MBBS*

#### ♥ Panel Discussion – Drs. Kim, Chowdhury, Love, Shah

### ♥ Management of Pulmonary Artery Hypertension in the ACHD Patient

*Paul Forfia, MD* ..... 9:30am – 10:00am

**BREAK** ..... 10:00am – 10:30am

### Welcome Back

*Boban Abraham, MD*

## KEYNOTE PRESENTATION

### ♥ It Takes a Village: The importance of a Team Approach for Healthcare Transition in CHD

*Anitha John, MD* ..... 10:30am – 11:15am

♥ Provocative Discussion ..... 11:15am – 11:30am

### ♥ Case Presentation: Adult Fontan Patient

*Deborah Rabinowitz, MD* ..... 11:30am – 11:45am

### ♥ Fontan Associated Liver Disease

*Moira Hilscher, MD* ..... 11:45am – 12:15pm

**LUNCH** ..... 12:15pm – 1:00pm

### Welcome Back

*Richard Kovach, MD*

### ♥ Case Presentation: Heart Failure

*Joshua Saef, MD* ..... 1:00pm – 1:15pm

### ♥ ACHD and the Intersection With Advanced Heart Failure

*Kelly Axsom, MD* ..... 1:15pm – 1:45pm

### ♥ To Exercise or Not: Guidelines for Exercise Restriction and Interpretation of Stress Test

*Keri Shafer, MD* ..... 1:45pm – 2:15pm

### ♥ Echocardiography Strengths and Limitations in Adults with Congenital Heart Disease

*Moderator: Shubhika Srivastava, MD* ..... 2:15pm – 3:15pm

#### ♥ Tetralogy of Fallot – Lisa Elliott, RDCCS

#### ♥ Transposition with Atrial and Arterial Switch – Colleen Foley, RCCS

#### ♥ Single Ventricles – Susan Cordua, RCCS

#### ♥ Panel Discussion – Drs. Srivastava, Abraham; Sonographers Cordua, Elliot, Foley

### ♥ Case Presentation: Coarctation

*Dominic Pinciotti, DO* ..... 3:15pm – 3:30pm

### ♥ Transcatheter Management of Coarctation of the Aorta in Adults

*Boban Abraham, MD* ..... 3:30pm – 4:00pm

### ♥ Review and Closing

*Richard Kovach, MD* ..... 4:00pm – 4:15pm

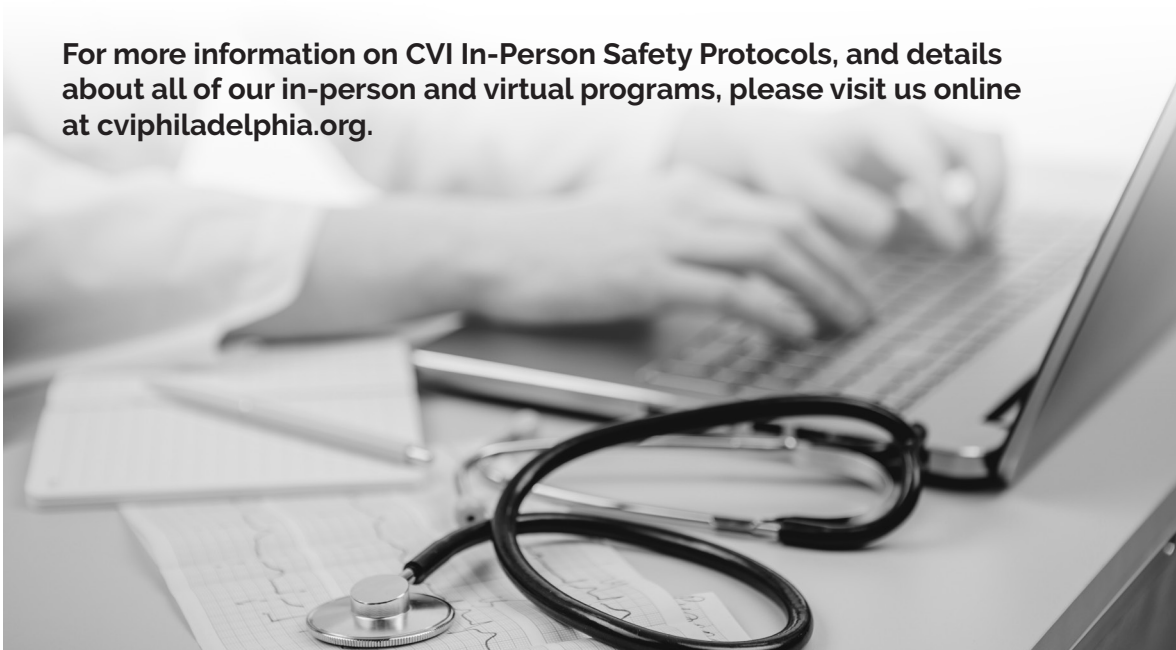
# At CVI, your safety is our goal!

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 gloved and masked when interacting with our program guests
- Although not required, we recommend that all guests 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](http://cviphiladelphia.org).**



# Please join the Cardiovascular Institute of Philadelphia as we announce our 2022 – 2023 Academic Calendar

Unless noted otherwise, all programs are planned for in-person learning.  
For details and to register, visit us online at [cviphiladelphia.org](http://cviphiladelphia.org)

FREE  
Live  
Virtual  
Program

## CVI's Cardiology Boot Camp What Every Cardiology Fellow Needs to Know In the 1st Months of Training

Sunday, July 24, 2022

For 1st Year Cardiology Fellows and Internal Medicine Residents  
with an Interest in CV Medicine

SDMS  
Credits  
too!

## CVI/Deborah's's 2nd Annual Adult Congenital Heart Disease Program "Back to the Basics of ACHD"

Saturday, Aug 13, 2022

Westin, Mt. Laurel, NJ

## CVI's 29th Annual Cardiology Update

Sunday, October 30, 2022

Hilton Philadelphia at Penn's Landing

SDMS &  
VOICE  
Credits  
too!

## CVI/Deborah's 9th Annual Imaging in Female Patients

Saturday, December 3, 2022

Westin Mt. Laurel, NJ

SDMS  
Credits  
too!

## CVI's 15th Annual Echocardiography Update

Sunday, January 15, 2023

Loews Philadelphia Hotel

FREE  
for all  
Cardiology  
Fellows

## CVI's 7th Annual Fellows Program: What Every Cardiology Fellow Needs to Know About Interventional Cardiology

Friday & Saturday, February 3 & 4, 2023

Hilton Philadelphia at Penn's Landing

## CVI's 12th Annual EP/Arrhythmia Update

Sunday, February 26, 2023

Hilton Philadelphia at Penn's Landing

VOICE  
Credits  
too!

## CVI's 18th Annual Update in Nuclear Cardiology

Sunday March 26, 2023

Loews Philadelphia Hotel

NEW  
PROGRAM

## CVI's Inaugural Philadelphia Heart Failure Symposium

Spring, 2023

Date and Location Coming Soon

NEW  
Live  
Virtual  
Program

## CVI's Inaugural Women in Cardiovascular Medicine

Spring 2023

Date and Location Coming Soon



**CVI/Deborah® Adult Congenital Heart Disease CME Program**  
 Saturday 8/13/2022 - Westin Hotel - Mt. Laurel New Jersey

# Registration Form

*Please affirm (initial): \_\_\_\_\_  
 I agree to upload proof of my COVID vaccination through the CVI portal. I understand that without proof of vaccination, I will not be permitted to enter the meeting space, will not receive CME/CEU/SDMS credits and I will not be eligible for a refund of registration fees if I am non-compliant.*

## Registration Fees

Be an early bird ... sign up and pay your registration by Wed. July 13, 2022 and **SAVE \$35** off your registration fee!

- Physicians and Industry: **\$125** by 7/13/22; **\$160** after 7/13/22\*
- Advanced Practice Providers, Nurses, Fellows, Residents: **\$75** by 7/13/22; **\$110** after 7/13/22\*

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

### Syllabus

Several days prior to the program, syllabus including presentations will be available for download from a secure website. At registration, you will be offered 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. Black and white syllabus including presentations may be ordered in advance for \$50, and picked up at registration. Black and white syllabus must be ordered by August 5, 2022. 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 nor distributed electronically.

Name \_\_\_\_\_  
 Degree \_\_\_\_\_ Gender  M  F

Email address to which unique program link should be sent \_\_\_\_\_

Clinical Position \_\_\_\_\_  
 Clinical Affiliation Name \_\_\_\_\_  
 Phone \_\_\_\_\_ Fax \_\_\_\_\_  
 Mailing Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Is this address work? \_\_\_\_\_ Home? \_\_\_\_\_ Other? \_\_\_\_\_

### Important Notes:

**You MUST register in advance to attend the sessions. Register online at [cviphiladelphia.org](http://cviphiladelphia.org)**

Please make checks payable to:  
**Cardiovascular Institute of Philadelphia**  
**P.O. Box 56598 • Philadelphia, PA 19111**  
**Phone: 215-389-2300 • Fax: 215-389-5450**

### Course Registration Cancellation Policy:

Requests in writing for refunds, less \$35 administrative fee, by August 3, 2022 processed after the meeting. Registrations are transferable with prior notification to CVI by August 3, 2022

For MOC Points Only  
 Date of Birth \_\_\_\_\_ ABIM ID# \_\_\_\_\_

Order	Early Bird Discount	Regular Price	Total
Physicians & Industry Registration	_____ @ \$125 (by 7/13/22)	_____ @ \$160 (after 7/13/22)	\$ _____
ABIM MOC Points – requires additional attestation, post program evaluation and test questions	N/A	_____ @ \$50	\$ _____
Advanced Practice Providers, Nurses, Fellows, Residents	_____ @ \$75 (by 7/13/22)	_____ @ \$110 (after 7/13/22)	\$ _____
Pay by Visa/MC/Amex	Add \$6 per registration	Add \$6 per registration	\$ _____
Apple iPad Drawing Entry	FREE		FREE
<b>GRAND TOTAL</b>			\$ _____

Visa  MC  Amex

Card # \_\_\_\_\_ Exp. Date \_\_\_\_ / \_\_\_\_

Name as appears on card \_\_\_\_\_

Billing address of card \_\_\_\_\_

Signature \_\_\_\_\_

## FREE Apple iPad Drawing

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

- Register and pay for the 2ND ANNUAL Adult Congenital Heart Disease CME program by 5:00pm on Wednesday July 13, 2022
- Submit your fully completed online program evaluation for the 2nd Annual Adult Congenital Heart Disease CME Program by 5:00pm on Monday, September 12, 2022
- And you are entered to win... **It's as easy as that!** Winner will be contacted via email.