

CME Information

Learning Objectives

- Identify the increasing prevalence of adults with congenital heart disease and address some of the complications that can result from lifelong congenital heart disease.
- Consult and coordinate with expert maternal/fetal medicine care for optimization of outcomes for mothers and babies and determining appropriate contraceptive options.
- Appraise the catheter-based interventional procedures in adults with congenital heart disease, and compare the risks and benefits of each modality and approach.
- Evaluate the relationship of ACHD patients with heart failure and better understand timing and strategies to pursue treatment options such as advanced mechanical support and medical therapies for this unique patient population.
- Identify adults with congenital heart disease who could potentially benefit from pacemaker and/or defibrillator therapies
- Evaluate the relationship of pregnant patients with heart failure, arrhythmias, pulmonary hypertension and better understand timing and treatment options

Target Audience

This conference is intended for pediatricians, primary care physicians, fellows, internists, cardiologists and surgeons who specialize in both pediatric and adult CHD, as well as electrophysiologists, anesthesiologists, nurses, nurse practitioners, geneticists, maternal-fetal medicine specialists, obstetricians and gynecologists, radiologists and other health care professionals with a special interest in the evaluation, diagnosis and management of adults with congenital heart disease.

CME Accreditation

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of MedStar Georgetown University Hospital and MedStar Washington Hospital Center. MedStar Georgetown University Hospital is accredited by the ACCME to provide continuing medical education for physicians.

Credit Designation

MedStar Georgetown University Hospital designates this live activity for a maximum of 7 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

For Nurses

For the purpose of recertification, the American Nurses Credentialing Center (ANCC) accepts *AMA PRA Category 1 Credits™* issued by organizations accredited by the ACCME. Nurses who attend a Category 1 CME certified activity can complete the continuing education hours section of the ANCC Professional Development Record in order to document the courses attended and the hours obtained.

Disclosure of Financial Relationships with any Commercial Interest

As a provider accredited by the ACCME, it is the policy of MedStar Georgetown University Hospital to require that everyone who is in a position to control the content of an educational activity disclose all relevant financial relationships with any commercial interest prior to the educational activity.

The ACCME considers relationships of the person involved in the CME activity to include financial relationships of a spouse or partner. Any individual who refuses to disclose relevant financial relationships will be disqualified from participating in the CME activity. For an individual with no relevant financial relationship(s), the participants must be informed that no conflicts of interest or financial relationships exist.

Due to advances in medical and surgical therapies for patients with congenital heart disease (CHD), children and adolescents with CHD have over a 90% survival rate. As a result, the number of adults with CHD in the United States has now surpassed the number of children with these conditions. There are currently more than 1.3 million adults with CHD and this prevalence is expected to increase 5% annually.

Patients with complex congenital heart disease, such as tetralogy of Fallot and transposition of the great arteries, are also living well into adulthood with increasing incidence of hospital admissions due to arrhythmia, heart failure, and valvular disease. Survival in congenital heart disease has largely improved through innovation and advancement of medical/surgical therapies. Utilizing transcatheter (stent/valve) interventions, advanced MRI imaging, pacemaker based therapies, ventricular assist devices and 3D images of complex anatomy continues this tradition of innovative therapies. In addition, exploring the applicability of emerging heart failure and pulmonary hypertension therapies will continue to improve survival rates and improve quality of life in the CHD population.

CHD represents a medical challenge throughout a patient's lifespan, including managing pregnancies in an increasing number of women with CHD who are in their childbearing years. Women with CHD are 8 times as likely to experience cardiovascular complications during pregnancy and have a 6 times higher risk of dying compared to women without CHD. Women with complex congenital heart disease are twice as likely to have cardiovascular complications compared to those with simple heart defects. Managing these patients through pregnancy safely can be extremely challenging and requires a multidisciplinary approach. This challenge can be adequately met by a coordination of efforts from physicians and other healthcare providers amongst a variety of specialties.

This conference will focus on several challenging aspects of CHD including the management of the adult patient with tetralogy of Fallot, transposition of the great arteries, and the pregnant patient with CHD. Specifically, the conference will address utilizing innovative imaging, medical and surgical/catheter based therapies in the evaluation and treatment of these patients.

Adult Congenital Heart Disease in the 21st Century

September 23, 2016 | Omni Shoreham Hotel | Washington, DC

3007 Tilden Street, NW, Suite 3N
Washington, DC 20008

For updated program information and to register online, please visit: CME.MedStarWashington.org/ACHD

Adult Congenital Heart Disease in the 21st Century

September 23, 2016
Omni Shoreham Hotel | Washington, DC

Course Director:

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Assistant Professor of Internal Medicine & Pediatrics
Albert Einstein College of Medicine
Scarsdale, NY

Agenda

7:15 AM **Registration**

7:45 AM **Welcome Remarks**
Anitha S. John, MD, PhD

Session I: ACHD Overview

8:00 AM **Advancing the Field Through Lifelong
Partnership with the ACHD Patient**
Scott C. Leezer

8:20 AM **Questions and Discussion**
Scott C. Leezer

Session II: Tetralogy of Fallot

Moderator: Pranava Sinha, MD

8:30 AM **Pulmonary Valve Replacement and
Re-replacement: When is the Best
Time and Why?**
Michael G. Earing, MD

8:55 AM **Transcatheter versus Surgical
Pulmonary Valve Replacement:
Long Term Outcomes and Benefits**
Michael O'Byrne, MD

9:20 AM **CRT and ICD Placement: What Does
the Data Tell Us?**
Christopher McLeod, MBChB, PhD

9:45 AM **Panel Discussion**
Moderator: Pranava Sinha, MD
Panelists: M. Earing, C. McLeod, M. O'Byrne

10:05 AM **Break and Visit the Exhibits**

Session III: Morning Breakout Sessions

Breakout A: Hands-On Cardiac Morphology Tutorial with 3D Heart Models

Moderator: Nancy H. Klein, RN, CPN

10:25 AM **Introduction to 3D Heart Models**
Laura Olivieri, MD

10:45 AM **Hands-On 3D Heart Model Workshop**
Laura Olivieri, MD

Breakout B: Management of the Pregnant ACHD Patient

Moderator: George Ruiz, MD

10:25 AM **Risk Stratification and Assessment:
Cardiologist Perspective**
Seiji Ito, MD

10:45 AM **Risk Stratification and Assessment:
MFM Perspective**
Melissa H. Fries, MD

11:05 AM **Anesthesia Management in ACHD
OB Care**
Jean M. Carabuena, MD

11:25 AM **Contraception Choices and
Considerations**
Stacy D. Fisher, MD

11:50 AM **Questions and Discussion**
Moderator: George Ruiz, MD
*Panelists: J. Carabuena, S. Fisher,
M. Fries, S. Ito*

Breakout C: Psychosocial Issues in ACHD Care

Moderator: Christopher J. Talluto, MD

10:25 AM **Neurocognitive Issues in ACHD Care**
Wayne J. Franklin, MD

10:50 AM **Transition of Care: How, When,
and Why?**
Keila Lopez, MD, MPH

11:15 AM **My Health, My Heart: Empowering
Young Adults with CHD to Manage
Their Own Healthcare**
Rachel Steury, NP-C

11:40 AM **Questions and Discussion**
Moderator: Christopher J. Talluto, MD
Panelists: W. Franklin, K. Lopez, R. Steury

Session IV: Keynote Address

1:00 PM **Keynote Address**
TBA

1:25 PM **Questions and Answers**
TBA

12:00 PM **Lunch**



Session V: Afternoon Breakout Sessions

Breakout A: Transposition of the Great Arteries: How to Manage the Patient with a Systemic Right Ventricle

Moderator: Anitha S. John, MD, PhD

1:40 PM **Medical Management of the Failing
Right Ventricle**
Christopher P. Learn, MD

2:05 PM **Imaging Modalities and Functional
Assessment of the Systemic Right
Ventricle**
Laura Olivieri, MD

2:30 PM **Pacemaker and ICD Considerations:
How, Where, and Why?**
Charles I. Berul, MD

2:55 PM **Surgical and Ventricular Assist
Device / Transplant Options**
Pranava Sinha, MD

3:20 PM **Questions and Discussion**
Moderator: Anitha S. John, MD, PhD
*Panelists: C. Berul, C. Learn, L. Olivieri,
P. Sinha*

Breakout B: Case Based Learning: High Risk Pregnancy Considerations in CHD

Moderator: Melissa H. Fries, MD

1:40 PM **Cardiomyopathy in CHD**
Uri Elkayam, MD

2:05 PM **Pulmonary Hypertension and
Pregnancy**
George Ruiz, MD

2:30 PM **Anticoagulation During Pregnancy**
Yuli Y. Kim, MD

2:55 PM **Arrhythmia Considerations in
Pregnancy**
Ali N. Zaidi, MD

3:20 PM **Questions and Discussion**
Moderator: Melissa H. Fries, MD
*Panelists: U. Elkayam, Y. Kim, G. Ruiz,
A. Zaidi*

3:35 PM **Closing Remarks**
Anitha S. John, MD, PhD

3:45 PM **Adjourn**

Registration Information

Registration Fees

Physician..... \$175
Resident/Fellow..... \$125
Advanced Practice Clinician..... \$125
Nurse..... \$125
Allied Health Professional..... \$125

Online Registration Preferred

Please visit our secure website at <http://cme.medstarwashington.org/ACHD> for updated program and registration information. We are unable to accept registrations or cancellations by telephone. If you wish to pay your registration fee by check, please download and print a registration form and mail it to the address on the registration form with your check.

All registrations will be confirmed by email only. Please use an email address that you check regularly. If you have questions regarding registration or do not receive an email confirmation of your registration within 1-2 business days, please contact us at whcme@gmail.com or (202) 780-1655.

Cancellation Policy

Cancellations made in writing by August 12, 2016 will be subject to a 50% penalty. No refunds will be given after August 12, 2016. Cancellations will not be accepted by telephone. In the unlikely event that the fee is canceled, MedStar Washington Hospital Center will refund the registration fee, but is not responsible for any travel costs.

Please call (202) 780-1655 or email whcme@gmail.com if you have any questions or need any additional information.

Venue Information

Omni Shoreham Hotel

2500 Calvert Street, NW
Washington, DC 20008
(202) 234-0700

