FETAL CARDIAC DIAGNOSIS & OUTCOMES

November 18-19
Texas Children’s Pavilion for Women
Houston, Texas

Register online at BaylorCME.org/CME/1520

Co-provided by
Baylor College of Medicine
and Texas Children’s Hospital
Department of Obstetrics and Gynecology,
Maternal-Fetal Medicine
Department of Pediatrics,
Pediatric Cardiology
Needs
Congenital heart disease (CHD) is the leading cause of infant mortality from birth defects. Up to 25% of infants born with CHD have critical heart disease, requiring surgical or cath based intervention in the first year of life. However, prenatal recognition of CHD remains challenging, with just over half being consistently diagnosed before delivery. This program was developed to address these concerns.

This program includes presentations from leading experts in the field, group demonstrations and breakout sessions, patient simulations for genetic counseling, and discussions with parents who have experienced pregnancies complicated with CHD. Participants will also learn about cardiovascular therapeutic interventions and current outcomes.

Target Audience
This activity is relevant to sonographers, obstetricians, radiologists, cardiologists, genetic counselors, nurses, trainees, and other health care professionals who need to know about fetal cardiac screening and evaluation of pregnant women with fetuses suspected to have CHD.

Educational Objectives
At the conclusion of the activity, participants should be able to:
• Recognize essential ultrasound views that should be used to evaluate fetal hearts
• Identify sonographic findings suggestive of critical fetal heart disease
• Describe prenatal genetic counseling and testing for pregnant women at risk for CHD
• Reflect on experience of prenatal diagnosis for parents of children with CHD
• Summarize multidisciplinary approaches for fetuses and infants with cardiac disease

Educational Methods
• Lectures
• Syllabus
• Demonstrations
• Patient Simulations
• Panel Discussions
• Audience Response System
• Question and Answer Sessions

Evaluation
Evaluation by questionnaire will address program content, presentation, and possible bias.

Accreditation/Credit Designation
Baylor College of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Baylor College of Medicine designates this live activity for a maximum of 13.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Disclosure
In order to meet the requirements of the Accreditation Council for Continuing Medical Education it is the policy of Baylor College of Medicine that all individuals who are in a position to control the content of a CME course (course director, planning committee members, and faculty) disclose relevant financial relationships with commercial interests. All identified conflicts of interest are managed to help ensure that the educational material is scientifically based, accurate, and objectively presented. Specific disclosure will be made to the participants prior to the educational course.

Faculty, topics, program schedule, and credit are subject to change.
**Activity Planning Committee**

Carolyn A. Altman, M.D.  |  Activity Co-Director  
Wesley Lee, M.D.  |  Activity Co-Director  
Nasrin Benion, R.D.M.S.  •  Joan M. Mastrobattista, M.D.  
Shannon K. Mulligan, M.S., C.G.C.

**Guest Faculty**

Greggory R. Devore, M.D.  
Clinical Professor, Department of Obstetrics and Gynecology  
UCLA, David Geffen School of Medicine  
Los Angeles, California

**Activity Faculty**

*All faculty are Baylor College of Medicine, Houston, Texas, unless otherwise noted.*

Carolyn A. Altman, M.D.  
Professor of Pediatrics, Cardiology

Nancy A. Ayres, M.D.  
Assistant Professor of Pediatrics, Cardiology

Nasrin Benion, R.D.M.S.  
Fetal Medicine Sonographer  •  Texas Children's Hospital

Charles D. Fraser, M.D.  
Chief and Professor, Division of Congenital Heart Surgery

Betul Yilmaz Furtun, M.D.  
Assistant Professor of Pediatrics, Cardiology

Wesley Lee, M.D.  
Professor of Obstetrics and Gynecology

Shiraz A. Maskatia, M.D.  
Assistant Professor of Pediatrics  •  Stanford University

Joan M. Mastrobattista, M.D.  
Professor of Obstetrics and Gynecology

Shaine A. Morris, M.D., M.P.H.  
Assistant Professor of Pediatrics, Cardiology

Shannon Mulligan, M.S., C.G.C.  
Prenatal and Reproductive Genetic Counselor  •  Texas Children's Hospital

Maggie Nguyen, R.D.C.S.  
Fetal Echosonographer  •  Texas Children's Hospital

Daniel J. Penny, M.D., Ph.D., M.H.A.  
Professor of Pediatrics, Chief of Pediatric Cardiology

Athar M. Qureshi, M.D.  
Associate Professor of Pediatrics

Debbie Reid, R.D.M.S.  
Fetal Medicine Sonographer  •  Texas Children's Hospital

Lacey Schoppe, R.D.C.S.  
Fetal Echosonographer  •  Texas Children's Hospital

Samantha Stover, M.S., C.G.C.  
Prenatal and Reproductive Genetic Counselor  •  Texas Children's Hospital

Ignatia Van den Veyver, M.D.  
Professor of Obstetrics and Gynecology

Lauren Westerfield, M.S., C.G.C.  
Prenatal and Reproductive Genetic Counselor  •  Texas Children's Hospital
7:45 a.m. Registration and Continental Breakfast
8:30 Welcome Announcements and Introduction
   Wesley Lee, M.D.
8:45 Prenatal Detection of Congenital Heart Disease Overview
   Daniel J. Penny, M.D., Ph.D., M.H.A.

SESSION 1
Moderators ▪ Carolyn A. Altman, M.D., Maggie Nguyen, R.D.C.S.
9:15 Fetal Cardiac Screening and Echocardiography Guidelines
   Wesley Lee, M.D.
9:45 Four-Chamber View of the Heart – Normal and Abnormal
   Greggory R. Devore, M.D.
10:15 Break

SESSION 2
Moderators ▪ Joan M. Mastrobattista, M.D., Nasrin Benion, R.D.M.S.
10:30 Outflow View of the Heart – Normal and Abnormal
   Nancy A. Ayres, M.D.
11:00 Three Vessels Trachea View – Normal and Abnormal
   Greggory R. Devore, M.D.
11:30 When to Be Suspicious for Aortic Arch Abnormalities
   Shiraz A. Maskatia, M.D.
Noon Lunch

SESSION 3
Moderators ▪ Wesley Lee, M.D., Debbie Reid, R.D.M.S.
1:00 p.m. Live Scan Group Demonstration
   Greggory R. Devore, M.D.
1:30 Evaluating the Fetal Heart in the Presence of Hydrops
   Nancy A. Ayres, M.D.
2:00 3D/4D Ultrasonography for Evaluation of the Fetal Heart
   Greggory R. Devore, M.D.
2:30 Break

SESSION 4
Moderators ▪ Shaine A. Morris, M.D., M.P.H., Samantha Stover, M.S., C.G.C.
2:45 Role of Prenatal Genetic Testing for Congenital Heart Disease
   Ignatia Van den Veyver, M.D.
3:15 Prenatal Genetic Counseling for Congenital Heart Disease - Patient Simulations with Audience Response System
   Shannon Mulligan, M.S., C.G.C.
   Samantha Stover, M.S., C.G.C.
   Lauren Westerfield, M.S., C.G.C.
4:00 Cardiac Jeopardy – An Interactive Game
   Carolyn A. Altman, M.D.
   Joan M. Mastrobattista, M.D.
5:00 Adjourn
7:00 a.m. Registration and Continental Breakfast
7:50 Welcome Announcements and Introduction
    Wesley Lee, M.D.

**SESSION 5**
*Moderators*  
Betul Yilmaz Furtun, M.D., Lacey Schoppe, R.D.C.S.

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<tr>
<th>Time</th>
<th>Event Description</th>
<th>Presenter(s)</th>
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<tbody>
<tr>
<td>8:00</td>
<td>Fetal Cardiac Dysrhythmias</td>
<td>Carolyn A. Altman, M.D.</td>
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<td>8:30</td>
<td>Prenatal Cardiac Intervention</td>
<td>Shaine A. Morris, M.D., M.P.H.</td>
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<td>9:00</td>
<td>Just Images with Audience Response System</td>
<td>Betul Yilmaz Furtun, M.D.</td>
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<td>9:30</td>
<td>Break</td>
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**SESSION 6**
*Moderators*  
Wesley Lee, M.D., Nancy A. Ayres, M.D.

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<tr>
<td>9:45</td>
<td>Patient Experiences with Congenital Heart Disease – Interactive Discussion</td>
<td>Shaine A. Morris, M.D., M.P.H.</td>
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<td>10:45</td>
<td>Functional Evaluation of the Fetal Heart</td>
<td>Gregory R. Devore, M.D.</td>
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<td>11:15</td>
<td>Neonatal Congenital Heart Surgery and Outcomes</td>
<td>Charles D. Fraser, M.D.</td>
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<td>Lunch</td>
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<tr>
<td>1:00 p.m.</td>
<td>Catheterization for Critical Heart Disease in Neonates</td>
<td>Athar M. Qureshi, M.D.</td>
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<td>1:30</td>
<td>Cardiac Scanning Demonstrations</td>
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<td>Fetal Cardiac Screening</td>
<td>Wesley Lee, M.D. and Debbie Reid, R.D.M.S.</td>
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<td>Fetal Cardiac Abnormalities</td>
<td>Carolyn A. Altman, M.D.</td>
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<td>Maggie Nguyen, R.D.C.S.</td>
<td>Lacey Schoppe, R.D.C.S.</td>
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<td>3D/4D Fetal Ultrasonography</td>
<td>Greggory R. Devore, M.D.</td>
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<td>3:00</td>
<td>Interesting Cases</td>
<td>Panel Discussion with Audience Response System</td>
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<td>4:00</td>
<td>Conference Adjourn</td>
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Audio or videotaping is prohibited without the permission from the Activity Director and the Office of CME, Baylor College of Medicine, Houston, Texas.

For more information go to: [women.texaschildrens.org/FCDO2016](women.texaschildrens.org/FCDO2016)

**Contact Us**

Baylor College of Medicine  
Phone: 713.798.8237

Office of Continuing Medical Education  
Fax: 713.798.7955

One Baylor Plaza, MS: BCM 155  
Email: cme@bcm.edu

Houston, TX 77030
Fee, Registration and Confirmation Information

Refer to the registration form for the fee schedule. Your registration will not be processed until payment is received. Your registration will be confirmed. If you have not received confirmation at least five business days before the activity start date, contact the Office of Continuing Medical Education (OCME) immediately.

If you plan to register on-site, contact OCME at least 24 hours in advance to confirm activity status and space availability. The OCME reserves the right to limit the number of participants in an activity and will not be responsible for any expenses incurred by an individual whose registration is not confirmed and for whom space is not available.

Cancellation/Refund Policy

Requests for registration refunds must be in writing and received by the OCME at least 10 business days before the activity begins. The date the request is received by the OCME will be considered the cancellation date. Requests received after the refund deadline will not be processed. Cancellations are subject to a $50 administrative fee deducted from the registration fee paid to cover guarantees and other expenses. Requests should be emailed to cme@bcm.edu.

The OCME reserves the right to cancel activities, not less than 10 business days before the scheduled date, if extenuating circumstances make it necessary. Registrants will be notified at the contact number indicated on the registration form followed by written notification. If an activity is cancelled, OCME’s liability is limited to the registration fee paid. Note: If payment is made by check, a social security number is required to process the refund.

Conference Location

Texas Children’s Pavilion for Women  |  4th Floor Conference Center
6651 Main Street  •  Houston, TX 77030

Self-parking is available in the underground garage located at the Texas Children’s Pavilion for Women. Valet parking is also available. The entrance for self-parking or valet is off Main Street.

A map can be accessed online at:
http://women.texaschildrens.org/The-Pavilion/Pavilion-Maps/

Attire

Attire for the conference is business casual. Since meeting room temperatures and personal comfort levels vary, it is recommended that you bring a sweater or jacket.

Accommodations

There are several hotels in close proximity and walking distance to the conference location in the Texas Medical Center. Many hotels offer shuttles within a 2-5 mile radius. Transportation is also available through the light rail which has multiple stops within the Texas Medical Center.

Houston Marriott at the Texas Medical Center
6580 Fannin St., Houston, TX 77030  •  713.796.0080

Best Western Plaza Hotel & Suites At Medical Center
6700 Main St., Houston, TX 77030  •  713.522.2811

Wyndham Houston–Medical Center Hotel & Suites
6800 Main St. Houston, TX 77030  •  713.528.7744

Residence Inn by Marriott
7710 South Main St., Houston, TX 77030  •  713.660.7993

Participants are responsible for making their own hotel arrangements.
FETAL CARDIAC DIAGNOSIS & OUTCOMES

2016

November 18-19
Texas Children’s Pavilion for Women • Houston, Texas

Registration

Space is limited to 100 participants

TWO WAYS TO REGISTER

ONLINE: BaylorCME.org/CME/1520
MAIL: Baylor College of Medicine
Office of CME (1520)
P.O. Box 4708
Houston, TX 77210-4708

REGISTRATION FEES

❑ Physician.......................................................... $350
❑ Nurse............................................................... $150
❑ Sonographer .................................................. $150
❑ Other Healthcare Professional................ $150
❑ Resident*....................................................... $100
❑ Fellow*.......................................................... $100
❑ Student*........................................................ $100

*Email verification of status within 24 hours to cme@bcm.edu.

(Please print clearly)

Name: ____________________________ ____________________________
First MI Last

Degree: ____________________________

Affiliation: ____________________________

Address: ____________________________
City: ____________________________ State: _______ ZIP: _______

Phone: ____________________________ Fax: _______

Email: ____________________________

Specialty: ____________________________ Prof. License: ____________________________

Emergency Contact: ____________________________ Phone: ____________________________

Method of Payment (Your registration must be PREPAID)

❑ Check or money order (in U.S. funds) made payable to: Baylor College of Medicine
❑ Visa® ❑ MasterCard® ❑ Discover® ❑ AMEX® $ ____________ Total amount enclosed

Card No. ____________________________ Exp. Date: ______________

Name on the Card: ____________________________

Authorized Signature: ____________________________

Special Requests: Contact OCME if you have any dietary needs (specify below) or any ADA accommodation needs.

FOR OFFICIAL USE ONLY

CK CC LB Cash
Date: ____________________________ Amount: ____________________________