

Fetal Echocardiography: An intense review course



August 6-8, 2009
Montgomery Bell State Park
Inn/Conference Center
Burns, TN

Course Description

This comprehensive 2.5 day course will provide participants with a detailed overview of fetal echocardiography. The course will review the embryology, anatomy, physiology and scanning planes of the fetal heart and describe numerous congenital anomalies, their ultrasound appearance and the planes and Doppler technique to identify them. A hands-on dissection of a pig heart will help participants get a better understanding of the 3D anatomy, the relative position of the great vessels and the position of the valves. Social activities are designed to allow discussion time with faculty and to network with peers.

Faculty

Philippe Jeanty, MD, PhD

Chief Fetustician
Inner Vision Women's Ultrasound
Nashville, TN

Luis Goncalves, MD

Department of Obstetrics and Gynecology
Wayne State University/Hutzel Hospital
Detroit, Michigan

James Huhta, MD

Professor of Pediatrics and OB-GYN
USF Daicoff-Andrews Chair in Perinatal
Cardiology
St. Petersburg, FL

Pamela E. Rhodes RT, RDMS, RDCS, RVT

Sonographer
Inner Vision Women's Ultrasound
Nashville, TN

Program Director- Jill Beithon, RT, RDMS, RDCS, RVT
Manager of Ultrasound Services, MeritCare Health Systems, Fargo, ND

Program committee

Leslie Tennis, RDMS
Rhonda Salaski, RDMS, RVT

Course Objectives

On completion of this activity the participant should be able to:

- Discuss the embryology, anatomy and physiology of the fetal heart
- Identify a variety of congenital anomalies
- Discuss findings associated with various congenital anomalies
- Demonstrate a systematic approach to scanning the fetal heart
- Describe the most appropriate views for the identification of various heart anomalies
- Explain the prognosis and management of numerous heart anomalies

Physician Accreditation

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of Medical Education Resources and TheFetus.net. Medical Education Resources is accredited by the ACCME to provide continuing medical education for physicians.

Credit Designation

Medical Education Resources designates this educational activity for a maximum of 17 AMA PRA Category 1 credits TM. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Fetal Echo- 2009 Preliminary Schedule- the order of lectures is subject to change.

Thursday, August 6

9:00am - noon

Equipment viewing

Thursday, August 6

1:00pm- 5:30pm

Introduction to congenital heart disease

Embryology of the fetal heart

Anatomy of the fetal heart

2:30 - 3:00 Break

Physiology

Tools for fetal echo: 2D, M-mode, Doppler

Cardiac scanning views

4:00 - 4:30 Break

Fetal heart evaluation- First Step

Fetal heart evaluation- Second Step

Fetal heart evaluation- Third Step

Fetal heart evaluation- Fourth Step

Thursday evening

Equipment viewing

Wine and Cheese Reception

Friday, August 7

8:00am- 4:30pm

Ebstein malformation of the tricuspid valve

Tricuspid dysplasia

Tricuspid insufficiency

Hypoplastic right heart syndrome

9:30 – 10:00 Break

Tricuspid atresia

Pulmonic stenosis

Pulmonary atresia with intact ventricular septum

Premature closure of the ductus arteriosus

Premature closure of the foramen ovale

11:30 - 1:00 Lunch

Aortic stenosis

Hypoplastic left heart syndrome

Left ventricular aneurysm

Atrial septal defects

Ventricular septal defects

2:30 – 3:00 Break

Atrioventricular septal defects

Atrial septal aneurysm

Single ventricle

Double inlet single ventricle

Mitral atresia

Tricuspid atresia

Friday 5:00

Pig heart dissection at the lake

Friday 6:00

Picnic dinner at MBSP

Free to course participants

Family and friends may purchase tickets that day for \$10. Children 8 and under free.

Saturday, August 8

8:00am – 5:50pm

Complete transposition of the great vessels

Congenitally corrected transposition of the great vessels

Tetralogy of Fallot

Absent pulmonary valve syndrome

9:30 - -10:00 Break

Double outlet right ventricle

Truncus arteriosus

Pulmonary atresia with ventricular septum defect

Coarctation of the aorta

Interrupted aortic arch

Right aortic arch

11:30 – 1:00 Lunch
Aortic diverticulum
Double aortic arch
Aortic aneurysm
Aortic calcinosis
Heterotaxy
Anomalous pulmonary venous return
Agenesis of the ductus venosus

Persistent left superior vena cava
Cardiomyopathy
Ectopia cordis
Hemopericardium
Pentalogy of Cantrell
Tumors
4:00 – 5:30 Break
3D / 4D Fetal Hearts

Questions ?

Email - Jill Beithon RT, RDMS, RDCS, RVT, Program Director
fetalecho2009@gmail.com
Cell- 218-205-8776

Location / Accommodations

The meeting will be held at the Montgomery Bell State Park, Inn and Conference center, Burns, TN. The Inn, Conference Center and restaurant overlook the lovely Lake Acorn. Amenities include cable television, year-round indoor pool, jacuzzi, outdoor pool, golf course and an exercise room. The Inn has 120 rooms and 5 suites with every room having a view of the lake.

The Park is about 45 miles West of Nashville, near Dickson, TN. [Car rental](#) is available at the Nashville airport. There is no public transportation to the Park from the airport. This is a fairly remote location so if you are attending via air travel, car rental will be necessary.

Please make your reservation as soon as possible to assure space in the conference. We have been given a special rate of \$81. /night on rooms at either location below. A limited number of rooms are available on a first-come, first serve basis. The block of rooms will be held until July 5th. Please state that you will be attending the **Fetal Echo** course.

Montgomery Bell State Park

1020 Jackson Hill Road
Burns, TN 37029
Office: 615-797-9052
Inn: 615-797-3101
Toll Free: 1-800-250-8613
Use the following [link to make reservations](#) and to view the website:
<http://state.tn.us/environment/parks/MontgomeryBell/>

Holiday Inn Express Hotel and Suites

615-446-2781
100 Barzani Blvd.
Dickson, TN 37055
Dickson, TN is about **15 miles** from the Montgomery Bell State Park.

[Other hotel rooms may also be available in Dickson.](#)

See picture highlights and participant testimonials from [the 2007 fetal echo course.](#)

Registration

The registration fee is \$385. Includes Thursday evening reception and Friday evening picnic. Lunch and dinner are on your own and available at the Montgomery Bell State Park Restaurant.

You have 2 options for registration. Both registration start on line [here](#).

1. **Pay by credit card on theFetus.net.** You will be directed to Paypal. Paypal will send you a confirmation of your payment that you can forward or print for your business manager or other person that requires proof of your payment. Paypal will send us a confirmation. We will then confirm by email to you, that you have been registered.
2. **Pay by check.** By clicking this button, you will send us a copy of the registration. You will receive a copy of that email. When your check is ready, send the check with a paper-copy of the email within 3 weeks, so that we can match your registration and payment. Note: due to the lack of man-power, envelops that do not contain BOTH the check AND the printout, WILL NOT be considered valid and will simply be destroyed. We will not attempt to contact you. If the envelop is complete we will send you a confirmation email. Mail your check at the address provided on the form.

Please ONLY one registrant per envelop. Do NOT pool several registrants in one mailing.

For all registrants the following information will have to be filled. Only completed forms will allow you to proceed.

Participant Information:

Participant Last Name: **mandatory**
Participant First Name: **mandatory**
Participant personal e-mail **mandatory**
Phone **mandatory**
Sonographer / Physician / other **mandatory**

Physician specialty **optional**
Degrees/Credentials **optional**
Institutional Affiliation **optional**
Address **mandatory**
Address **optional**
City **mandatory** State/Province **mandatory** Postal Code **mandatory**
Country **mandatory**

Course cancellations with refund, minus a \$50 fee, will be accepted through July 1, 2009. After that time no refunds will be given.