



# Basic Fetal Echocardiography

The decision to work with Philips is something we take very seriously. Our goal is to provide the education you need to make the most out of your investment.



## Philips Ultrasound University

### General Imaging-Women's Healthcare 208

This one-day program provides the information necessary to acquire knowledge and skill in the sonographic assessment of the fetal heart as part of the second trimester OB ultrasound exam. This course will extensively cover the four-chamber heart and all of its intricacies. Imaging of the outflow tract views, including the 3-vessel view and the 3-vessel trachea view, will be covered in detail.

This course will be presented by Jill Beithon, RDMS, RDCS, RVT, who is the owner of Just Wright Ultrasound Consulting, LLC, a practicing sonographer at Lake Region Healthcare, Fergus Falls, MN and a Diagnostic Medical Sonography Educator at Sanford Medical Center Fargo, School of Sonography, Fargo, ND. Jill is well known for her various lectures at national and local meetings.

## Basic Fetal Echocardiography (GI-WHC208)



"One of the most challenging parts of the 2nd trimester OB ultrasound exam is assessment of the fetal heart. The ASE, AIUM and collaborating societies have developed guidelines for imaging of the fetal heart structures, which when followed, carefully aid in ruling out most major cardiac anomalies, or, suggest further imaging. A comprehensive understanding of cardiac anatomy and circulation, along with the recommended views for documentation, is necessary for today's OB sonographer. The goal of this course is for the participant to not only learn which views must be routinely performed but also what information each view provides us in assessing normalcy of the heart. We must detect heart defects prenatally in order for proper medical management planning to occur"

Jill Beithon, RDMS, RDCS, RVT

### Objectives

Upon completion of this course, the learner should be able to:

- Explain the main elements that should be evaluated during examination of the 4-chamber view
- Explain and discuss the normal anatomy of the fetal heart
- Explain the sonographic evaluation of the crux of the fetal heart
- Recognize and discuss the determination of situs solitus
- Describe normal blood flow through the fetal heart
- Explain and discuss evaluation of the outflow tracts and great vessels

### Faculty

Jill Beithon, RDMS, RDCS, RVT

Philips Ultrasound Clinical Service Specialists

### Prerequisites

A thorough knowledge and understanding of 2D ultrasound imaging fundamentals and system instrumentation is required for this program.

### Audience Statement

This course is for physicians and sonographers interested in expanding their knowledge of sonographic evaluation of the fetal heart during the second trimester OB examination. Educational material will be presented in the form of detailed lectures and \*live scanning sessions.

(\*to be determined)



### For more information

Contact Philips ultrasound clinical education at 800-522-7022 and visit our education catalog at [www.learningconnection.philips.com/ultrasound](http://www.learningconnection.philips.com/ultrasound)

