

PHILIPS

Clinical Education



Fundamentals of Fetal Echocardiography

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Philips Ultrasound University

General Imaging-Women's Healthcare 317

The Fundamentals of Fetal Echocardiography is a one-day physician led course that will provide the basic fundamental information necessary to acquire knowledge and skill in performing Fetal Echocardiography Ultrasound exams. Lecture topics will include cardiac embryology, fetal circulation, cardiac anatomy and scanning protocol, color and spectral Doppler of the fetal heart and common fetal cardiac anomalies.

This course will be presented by Dr. Saad Siddiqui, an attending pediatric cardiologist and the Associate Director of Perinatal Cardiology at Advocate Children's Hospital located in Oak Lawn, IL.

Fundamentals of Fetal Echocardiography (GI-WHC317)



"Early and accurate identification of a fetal cardiac anomaly is paramount to planning further care and appropriate counseling. Optimal Imaging of the fetal heart is influenced by several fetal and maternal variables. None are as important as the operator's skill in evaluating the fetal heart in a systematic and reproducible manner. A detailed understanding of cardiac anatomy and physiology is an important prerequisite to gain proficiency in fetal echocardiography."

Saad A Siddiqui, MD

Objectives

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

- Discuss the basic principles of cardiac embryology
- Understand the basic principles of fetal circulation
- Understand and recognize normal fetal cardiac anatomy
- Recognize the sonographic views used in performing a Fetal Echocardiogram
- Recognize basic fetal cardiac color and spectral Doppler images
- Be familiar with some of the most common forms of congenital heart disease diagnosed with Fetal Echocardiography

Faculty

Saad A Siddiqui, MD
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 fetal echocardiography imaging and interpretation. 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

