



## Advanced Fetal Echocardiography University

**"This course is designed to help develop the skills required to obtain high quality fetal echocardiographic assessment of cardiac anatomy, cardiac function, hemodynamic well-being, heart rate and rhythm. We will review examples of normal and a wide variety of abnormal fetal hearts in order to advance these skills. The ultimate goal is to improve the diagnosis and treatment of the fetus with congenital cardiac anomalies and heart rhythm abnormalities in order to improve patient outcomes." - Dr. David Alex Roberson MD FASE FACC.**

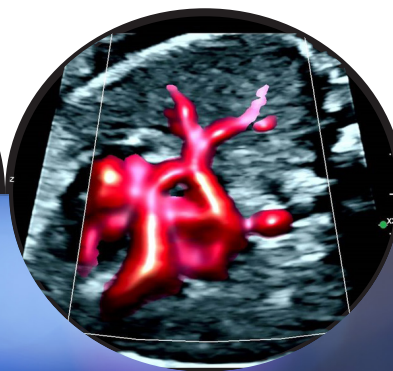
### Course Description

This one-day program provides the basic fundamental information necessary to acquire knowledge and skill in performing Fetal Echocardiography Ultrasound exams. Educational material will be presented in the form of detailed lectures. Lecture topics will include cardiac embryology and circulation, cardiac anatomy and scanning protocol, color and spectral Doppler of the fetal heart and common fetal cardiac anomalies.

### Course Objectives

Upon successful completion of the program, attendees will be able to:

- Recognize the normal and abnormal anatomy of the fetal heart
- Explain and discuss the scanning protocol necessary for a comprehensive fetal heart exam
- List and describe the common forms of congenital heart disease
- Understand the terminology associated with congenital heart disease and fetal cardiology
- Recognize and understand the various Doppler waveforms associated with fetal heart imaging
- Increase knowledge and diagnostic confidence in the performance and/or interpretation of fetal echocardiograms



**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.**



## Prerequisite

A thorough knowledge and understanding of 2D obstetrical ultrasound and fetal heart imaging are required for this program. Participants should have knowledge of common anomalies associated with the fetal heart.

This course is for physicians and sonographers interested in expanding their knowledge of fetal heart ultrasound assessment and interpretation.

## Clinical Learning Journeys

Relevant learning. Flexible experiences. Measureable outcomes.



## Facilitators and Speakers



### **Dr. David Alex Roberson, MD, FASE, FACC**

Dr. David A Roberson is the director of 3D and Advanced Echocardiography, Emeritus Chief of Pediatric Cardiology, Emeritus Director of Echocardiography, and Emeritus Director of Fetal Cardiology for Advocate Children's Heart Institute in Oak Lawn, Illinois.

## 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)

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