



3D Cardiac Anatomy for Sonographers

See what you have been missing.

Philips Ultrasound
Fundamentals 101

To truly understand what you are seeing in a 3D echo image, it is critical to have a thorough understanding of basic cardiac anatomy, particularly the spatial relationships between the major structures.

Course description

This comprehensive, one-day course will explore cardiac anatomy in great detail. Many sonographers have never actually seen a real heart, despite having performed echo cardiograms for years. Now that 3D ultrasound is rapidly becoming commonplace, ultrasound professionals need to understand the heart as it really exists, in three dimensions.

Topics cover detailed anatomy, a guided two-hour porcine dissection, comparison of standard 2D ultrasound dimensional imaging to actual anatomy and 3D ultrasound. The course will also include a session examining

3D ultrasound cardiac anatomic details through digital dissection of 3D volumes.

Pre-requisite knowledge

A thorough knowledge and understanding of 2D echocardiography and system instrumentation is recommended for this program.

This is a great opportunity for sonographers to learn cardiac anatomy as perhaps they never have before. With the growing utilization of 3D ultrasound, there is no better time, nor a more important reason, to learn 3D cardiac anatomy.

PHILIPS

3D Cardiac Anatomy for Sonographers (FUN101)

Course objectives

Upon successful completion of this program, you should be able to:

- Discuss In situ anatomy
- Describe cardiac surface anatomy
- Explain the coronary circulation
- Discuss the great vessels
- Describe internal features of the atria and ventricles
- Describe cardiac valves and apparatus
- Explain the differences and advantages between 2D ultrasound and 3D ultrasound

Location

Course will be held at the various Philips training centers in Alpharetta, Georgia; Bothell, Washington; and Cleveland, Ohio.

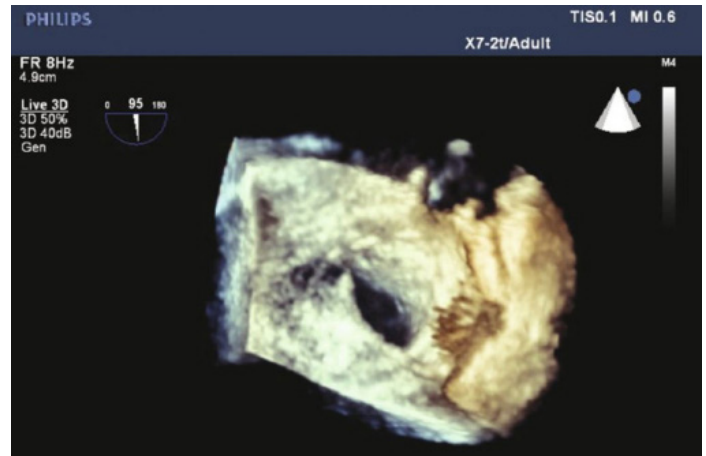
This program may also be offered in other regional locations.

Faculty

Philips Ultrasound Clinical Education

For more information

Contact Philips Ultrasound Clinical Education at 800.522.7022 and visit our education catalog at www.learningconnection.philips.com/ultrasound



Please visit www.learningconnection.philips.com/ultrasound



© 2014 Koninklijke Philips Electronics N.V.
All rights are reserved.
JUN 2014

Philips Healthcare reserves the right to make changes in specifications and/or to discontinue any product at any time without notice or obligation and will not be liable for any consequences resulting from the use of this publication.

Philips Healthcare is part of Royal Philips Electronics

www.philips.com/healthcare@philips.com

Philips Healthcare
22100 Bothell Everett Highway
Bothell, Washington 98021