



# Measuring Up to Standards: Chamber Quantification with Basic System Training

Philips Ultrasound  
Cardiology 220c

This one-day program follows the recommendation for chamber quantification as outlined in various standards and guidelines. Examples of correct and incorrect measurements will be shown, describing what comprises a good quality measurement and why another is poor. This program also includes interactive presentations with Philips clinical education staff provide a comprehensive review of cardiac system controls and setups.

## Course description

Advances in echocardiography have expanded the methods for assessing the cardiac chambers. Measuring simple two-dimensional distances are no longer sufficient. Volumes and multidimensional motion provide clinicians important data in the treatment of heart disease. This course will expand the sonographers knowledge and give them an understanding of what the clinical impact of these measurements can be. Educational material will be presented in the form of lectures and case presentations.

## Course objectives

Upon completion of this program, attendees should be able to:

- Describe standardized views and nomenclature
- Identify methods for quantification of the left and right ventricle's size and function
- Explain atrial size and function
- Discuss methods for measurement of left ventricular diastolic function
- Identify the ergonomic, basic and advanced system features
- Describe system controls that enhance image quality for cardiac exams

# PHILIPS

# Chamber Quantification with Basic System Training (CV220c)

Ultrasound is often the test of choice due to its cost effectiveness and portability. Improvements in imaging equipment allows sonographers to more accurately quantify the hearts shape, size and function.

## Pre-requisite knowledge

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

This course is intended for anyone who requires additional ultrasound knowledge.

## Location

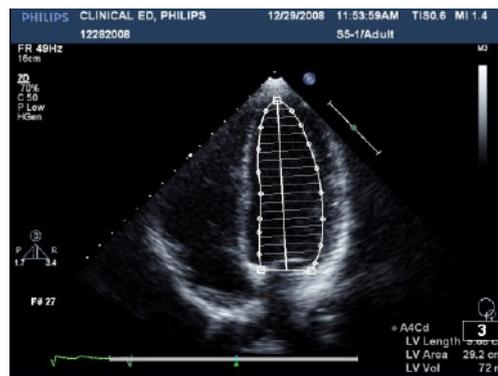
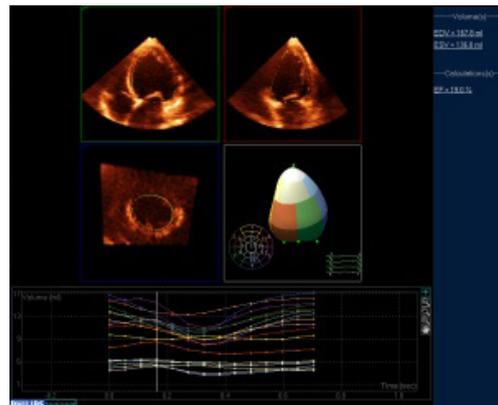
Course will be held at the various Philips training centers in Alpharetta, Georgia; Bothell, Washington; and Cleveland, Ohio.

## 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](http://www.learningconnection.philips.com/ultrasound)



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