QLAB Cardiac 3DQ Biplane EF and LV Mass

Our goal at Philips Healthcare is to provide the clinical education you need to make the most of your equipment investment. Virtual instructor-led training (vILT) events use a robust online classroom platform that is specifically designed for highly-interactive, live online learning.

Philips ultrasound cardiovascular 131VILT

About virtual instructor-led training

Virtual training is a facilitator-led, live online learning event that is delivered in a virtual environment. Participants can be geographically dispersed and also individually connected. Each learner uses their own computer or other compatible device. Virtual training is synchronous, meaning that participants are connected at the same time as the facilitator. Philips virtual training events typically range from 60-120 minutes in length with a maximum of 10 participants. This socially engaging, purposefully-designed training allows participants the same quality education of an instructor-led classroom without the need or expense of traveling.

QLAB Cardiac 3DQ Biplane EF and LV Mass (CV131VILT)

Course description

The QLAB software provides an environment in which you select a quantification tool to manipulate images. This 1-hour Virtual Instructor Led Training (vILT) course will provide an overview of how to operate the Cardiac 3DQ App tools and controls for calculating left ventricular volumes,   biplane ejection fraction with the Methods of Disks (MOD) and left ventricular mass.

Audience statement

This course is intended for clinicians who have a need for further knowledge of QLAB controls and tools.

Prerequisite

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

Course objectives

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

- Explain how to browse for data sets to import into the study list of QLAB
- IDiscuss how to launch data sets into the Cardiac 3DQ App
- Explain and discuss how to operate the Cardiac 3DQ App tools and controls step-by-step using a biplane method for calculating left ventricular volumes and ejection fraction (EF)
- Discuss calculating volume and ejection fraction with the Method of Disks (MOD) using the 2Ch/4Ch template and the simple polygons manual trace technique
- Discuss enabling left ventricular mass in preferences to calculate end-diastolic and end-systolic mass of the left ventricle using the 2Ch/4Ch template
- Explain how to edit the 2Ch/4Ch template, simple polygons manual trace for volumes and the 2Ch /4Ch templates for left ventricular mass

For more information

Contact Philips ultrasound clinical education at 800.522.7022 and visit our education catalog at **www.learningconnection.philips.com/ultrasound**

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