

# Comprehensive Live 3D TEE

## With Special Attention to Use of 3D TEE in TAVR

Philips Ultrasound  
University  
Cardiology 322

Live 3D TEE provides cardiologists, anesthesiologists, and cardiac surgeons with innovative, inspiring and realistic views to aid in patient care. This course provides a practical introduction to Live 3D TEE.

This two-day course is designed to provide healthcare providers with a comprehensive view of the use of Live 3D TEE. Three dimensional TEE will be discussed for all cardiology uses. Emphasis will be placed on mitral and aortic valvular disease, although all four valves will be thoroughly discussed. The use of 3D TEE for planning TAVR as well as during the implantation of TAVR will be highlighted. Focus will be placed on interventions for structural heart disease. Quantification of valvular disease, particularly mitral will be discussed including QLAB use.

The first day of this two-day course will be taught by Dr. Ed Gill. Educational material will be presented in the form of lectures, case presentations and informal

discussions on Live 3D TEE and its clinical application. On the second day, the Philips ultrasound clinical education team will assist in instructing participants on analyzing, manipulating and cropping of 3D data sets using the QLAB software. Attendees will have ample opportunity to develop hands-on experience with QLAB.

At the end of this course the attendees will be able to appreciate the principles of 3D image acquisition, optimization and interpretation. The attendees will also be introduced to basic quantitative application of 3D echocardiographic data and practical application during clinical situations.

# PHILIPS

# Comprehensive Live 3D TEE (CV322)



Ed Gill, M.D.

“A chance to learn basic 3D TEE all the way to step by step guidance for using 3D TEE for complex structural heart disease interventions. Learn from mentor who has 20 years of 3D echo experience, 15 years of 3D TEE echo experience and 7 years of real time 3D TEE experience.”

Ed Gill, M.D.

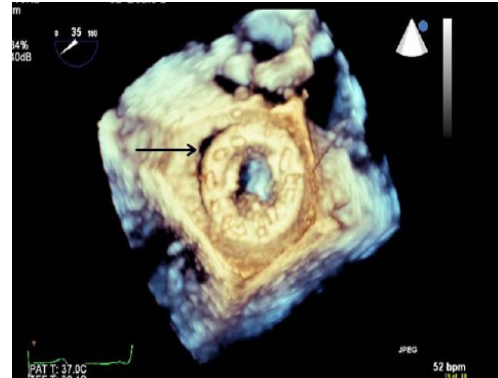
## Learning outcomes

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

- Discuss the components of a standard Live 3D TEE exam.
- Appreciate the value and application of 3D imaging in clinical situations in a case-based interactive fashion.
- Explain the current 3D TEE controls including cropping and other QLAB uses.
- Describe 3D TEE evaluation of:
  - Aortic Valve Disease
  - TAVR evaluations
  - Mitral Valve Disease
  - Congenital Heart Disease
  - ASD
  - Left Atrial Appendage

## Facilitators and speakers

- Dr. Edward Allen Gill, Jr. is Professor of Medicine in the Division of Cardiology and Adjunct Professor in the Department of Radiology at the University of Washington. Dr. Gill is currently the director of Echocardiography at Harborview Medical Center in Seattle, Washington
- Philips Ultrasound Clinical Education Specialists



## Prerequisites

A thorough knowledge and understanding of 2D TEE and basic system instrumentation is required for this program. This course does not offer hands-on system acquisition. Consider the ACT series for acquisition training.

## Locations

Will be held in Philips central locations in Alpharetta, Georgia; Bothell, Washington; and Cleveland, Ohio. Other locations may also be offered.

## For more information

Contact Philips Ultrasound Clinical Education at 800.522.7022 or visit our education catalog at [www.learningconnection.philips.com/ultrasound](http://www.learningconnection.philips.com/ultrasound)

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