



**PHILIPS**

Clinical Education

# Live 3D TEE for TAVR

Live 3D TEE offers clinicians the ability to perform accurate and relevant assessments of the Aortic Valve during Transcatheter Aortic Valve Procedures. Live 3D echocardiography allows visualization of Transcatheter Aortic Valve devices before, during and immediately after implantation.

## Philips Ultrasound University Cardio Vascular 311

This two-day course is designed to provide interventional cardiologists, non-interventional cardiologists, cardiac anesthesiologists and cardiac sonographers on TAVR teams with the fundamental skills required to obtain and analyze high-quality Live 3D TEE images. The course focuses on the images and analysis needed for TAVR procedures.

This first day of this course will be taught by George Gellert, M.D., Medical Director, Interventional

Echocardiography, Structural Heart Program, Cavanagh Heart Center, Banner Good Samaritan Medical Center, Phoenix, Arizona and Associate Clinical Professor, Department of Anesthesiology, Creighton University School of Medicine. The second day of this course will be presented by Philips clinical specialists and focuses on QLAB analysis software.

Educational material will be presented in the form of lectures,

case presentations, informal discussions and hands-on image manipulation that together will provide a thorough introduction to the fundamentals of Live 3D TEE and its practical use in Transcatheter Aortic Valve interventional procedures.

# Live 3D TEE for TAVR (CV 311)

“This didactic and hands-on training course is for interventional and noninterventional cardiologists, cardiac anesthesiologists and cardiac sonographers on TAVR teams to observe and to learn the application of Live 3D TEE for Transcatheter Aortic Valve procedures. The course will prepare participants to utilize 3D echocardiography for valve sizing by preoperative aortic root measurements, for guidance of Transcatheter Aortic Valve deployment and for immediate post-deployment assessment. “



George Gellert, MD.

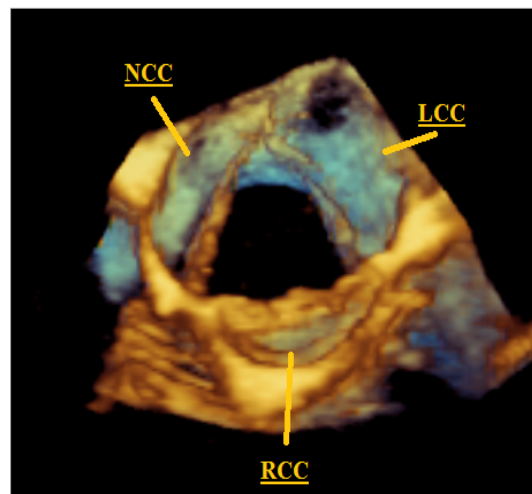
## Prerequisite

A thorough knowledge and understanding of 2D TEE and system instrumentation as well as basic 3D system controls is required for this program.

## Course Objectives

Upon successful completion of this course the attendee should be able to:

- Describe the relevant aortic root anatomy for Transcatheter Aortic Valve procedures
- Discuss the relevant aortic root measurements for Transcatheter Aortic Valve sizing by Live 3D TEE
- Understand echocardiographic guidance for Transcatheter Aortic Valve deployment
- Explain echocardiographic assessment immediate post-deployment and differential diagnoses of immediate post-deployment complications
- Understand how to acquire, crop, manipulate, display and quantitate Live 3D TEE images



## Locations

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

## For more information

Contact Philips Ultrasound Clinical Education at **800.522.7022** and visit our education catalog at

