

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
Cardiology 411

Course description

This one-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 one-day 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 small class size of this course enables participants to closely interact with the instructor and to receive individual hands-on training, with special emphasis on aortic root QLAB analysis. 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.

PHILIPS

Live 3D TEE for TAVR (CV 411)



George Gellert, M.D.

"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 M.D.

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

The Philips ultrasound clinical education team will assist in instructing participants on optimizing acquisition, manipulation, cropping, and quantification of Live 3D datasets using QLAB software. Students will have ample opportunity to develop hands-on experience.

Course Location

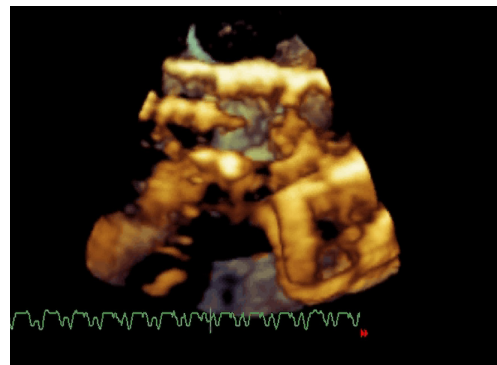
This course will be taught in Phoenix, Arizona. Other locations may also be offered.

Prerequisite knowledge

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

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
healthcare@philips.com

Philips Healthcare
22100 Bothell Everett Highway
Bothell, Washington 98021