

## Structural and Interventional Echocardiography

### Enhance your clinical confidence and efficiency in managing Structural Heart Disease through specialized education

With advancements in percutaneous procedures for managing structural heart disease, the significance of high-quality imaging cannot be overstated.

#### Course Description

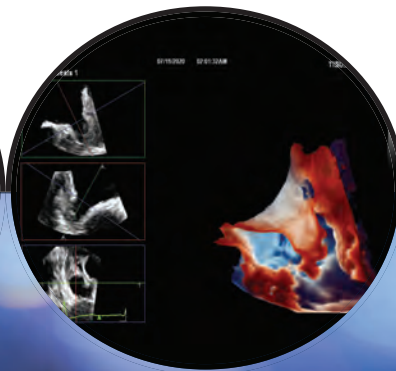
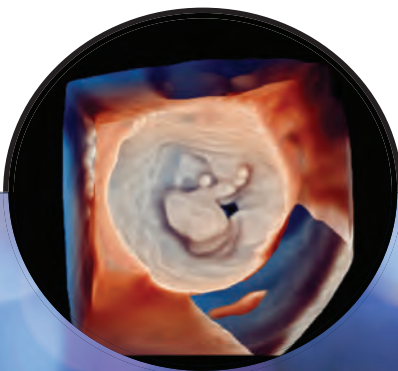
This intensive one-day course aims to educate and train participants in utilizing 2D, Doppler, and 3D TEE techniques for procedures such as TAVR, TEER, PVL and ASD/PFO closure, left atrial appendage closure (WATCHMAN), and transeptal approaches. Participants will gain specialized knowledge in patient screening, procedural guidance in the hybrid OR and cath lab settings, and post-procedural assessment for both successes and complications.

#### Course Objectives

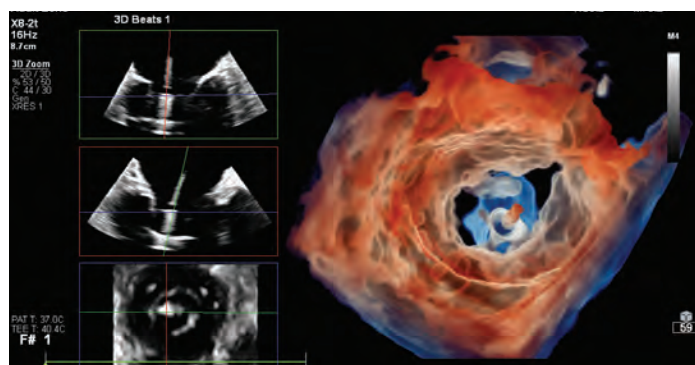
Upon successful completion of the program, attendees should be able to:

- Explain comprehensive evaluation necessary for common structural procedures
- Understand how to integrate 3D imaging into clinical practice
- Discuss the various 3D modes, such as xPlane, Live, Zoom, Full Volume and Color
- Explain how to manipulate, display and quantitate 3D TEE images
- Describe the use of Live 3D TEE for guidance during catheter based interventions for management of common structural heart defects

*In cases of complex structural heart disease, the full appreciation of anatomy extends beyond 2D echocardiography alone. 3D echocardiography proves invaluable for the comprehensive evaluation of anatomy, detailing the relationship of catheters and devices in percutaneous procedures within three-dimensional space. Real-time 3D TEE enhances intra-procedural guidance during catheter-based interventions.*



“This advanced didactic and hands-on training course is aimed at noninvasive imaging and invasive cardiologists, cardiac anaesthesiologists, and cardiac sonographers who want to be team players and health care providers within the heart team providing truly innovative and ground breaking transcatheter cardiovascular care for patients with structural and valvular heart disease”



## Prerequisite

Experience with system controls and 2D TEE is required for all participants. Basic knowledge in use of 3D TEE is strongly suggested for all attendees. Consider Advanced System Training Live 3D for in-depth acquisition training

## Facilitators and Speakers



### Dr. Philip Haines

Attending Cardiologist, Rhode Island Hospital and The Miriam Hospital Director, Structural and Interventional Echocardiography Associate Director, Echocardiography Laboratory, Rhode Island Hospital, Assistant Professor of Medicine, Brown University

## 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)

Please Visit [www.learningconnection.philips.com/en/ultrasound-education](http://www.learningconnection.philips.com/en/ultrasound-education)

