

Live 3D Transesophageal Echocardiography of Congenital Heart Disease

Bridging the gap between 2D and 3D for CHD

This two-day course is designed to provide pediatric cardiologists, adult congenital cardiologists and cardiac sonographers with the fundamental skills required to obtain and analyze high-quality Live 3D TEE images.

Philips Ultrasound
University
Cardiology 328

David A. Roberson MD, FASE, FACC
Director of Pediatric Echocardiography
Associate Professor of Pediatrics,
Chicago Medical School, The Heart
Institute for Children, Hope Children's
Hospital

Course description

This two-day course will be taught by David A. Roberson, MD, FASE, FACC. 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 into the fundamentals of Live 3D TEE and its practical clinical application.

Dr. Vivian Cui and the Philips ultrasound clinical education team will assist in instructing participants on optimizing acquisition, manipulation, cropping, display

and quantification of 3D TEE datasets of congenital cardiac defects using QLAB software. Students will have ample opportunity to develop hands-on experience.

This course will be taught at Hope Children's Hospital in Oak Lawn, a suburb of Chicago, Illinois. The course will also be offered at Philips training centers in Alpharetta, GA; Bothell, WA; and Cleveland, OH. Other locations may be offered.

PHILIPS

Live 3D Transesophageal Echocardiography of Congenital Heart Disease (CV328)



David A. Roberson,
MD, FASE, FACC

“This course is designed to introduce and develop baseline skills in the acquisition, cropping, manipulation, display and quantitation of 3D transesophageal echocardiograms of congenital cardiac anomalies. Attendees should have the basic skills to introduce Live 3D TEE into their practice “

Course objectives

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

- Discuss how to acquire, crop, manipulate, display and quantitate Live 3D TEE images
- Describe the uses and limitations of Live 3D TEE technology
- Explain how to integrate Live 3D TEE imaging into clinical practice

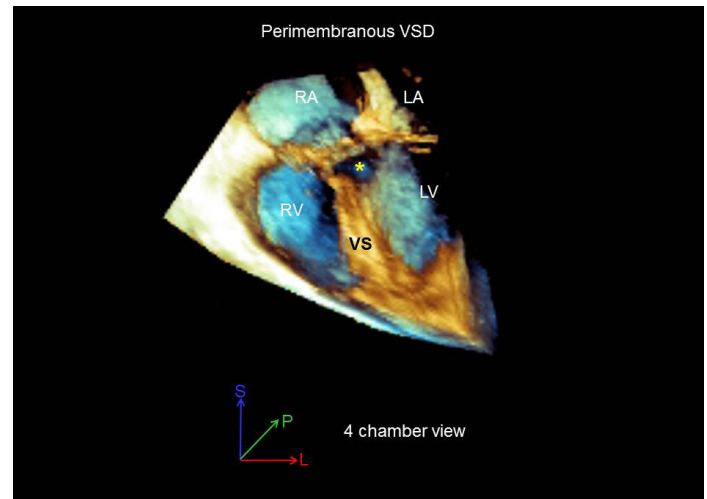
Facilitators and speakers

- David A. Roberson MD, FASE, FACC, Director of Pediatric Echocardiography Associate Professor of Pediatrics, Chicago Medical School, The Heart Institute for Children, Hope Children’s Hospital
- Vivian W. Cui MD, Imaging Research coordinator, The Heart Institute for Children, Hope Children’s Hospital
- Philips Ultrasound Clinical Education

Pre-requisite knowledge

A thorough knowledge and understanding of 2D TEE and system instrumentation as well as basic 3D system controls is required for this program. Participants should have a thorough understanding of congenital heart disease for this program.

This course is for physicians and sonographers interested in using Live 3D in clinical practice and expanding their knowledge of congenital heart disease.



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www.philips.com/healthcare
healthcare@philips.com

Philips Healthcare
22100 Bothell Everett Highway
Bothell, Washington 98021