

TEE Echo-Anatomy and Image Acquisition

2D & 3D ECHO-Anatomy with Porcine Heart Dissection

Philips Ultrasound
University
Cardiology 319

This course is designed to provide anesthesiologists, cardiologists, and cardiac sonographers with a comprehensive understanding of 2D & 3D TEE Echo-Anatomy and Image Acquisition.

This course will be taught by Stanton K. Shernan, MD, FAHA, FASE. Educational material will be presented using a moderated, hands-on Porcine Heart Dissection accompanied by corresponding Echo images and clinical correlations.

This course will be taught at Philips locations in Alpharetta, Georgia, Bothell, Washington and Cleveland, Ohio.

Other locations may also be offered.

In addition, the fundamentals of 3D ECHO Image Acquisition will be reviewed using both didactics and followed by an in depth demonstration using transthoracic echo on live models.

PHILIPS

TEE Echo-Anatomy and Image Acquisition (CV319)



Stanton K. Sherman, M.D., FAHA, FASE

“Our goal is to use didactics, case discussions, and a hands-on experience to enable participants to acquire confidence and a comfort level so they can immediately incorporate Live 3D TEE into their clinical practice.”

Learning outcomes

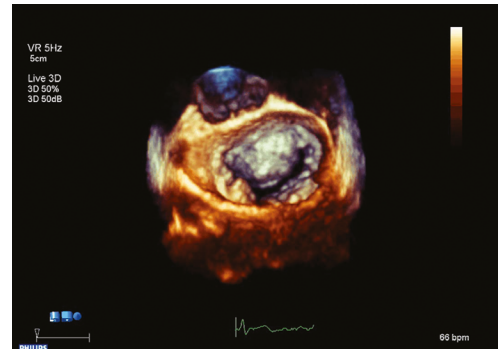
Upon successful completion of this program, attendees should:

- Recognize orientations of 2D TEE and 3D TEE planes along with anatomical correlations derived from a porcine heart dissection model.
- Recognize standard Live 3D TEE images using a fully sampled matrix array probe
- Understand the 2D and 3D TEE appearance of normal and anomalous intracardiac structures along with anatomical correlations using a porcine heart dissection model.
- Understand the uses and limitations of current Live 3D TEE technology
- Understand how to obtain and optimize 3D echocardiographic images using both didactics and live model demonstrations.

Facilitators and speakers

- Stanton K. Sherman, M.D., FAHA, FASE
Professor of Anaesthesia at Harvard Medical School
- Philips Ultrasound Clinical Education

Prerequisites



A thorough knowledge and understanding of all system instrumentation and 2D TEE is required for this program. It is also helpful to have an understanding of transthoracic 3D imaging.

This course does not provide system control training. We recommend the Advanced Customer Training Cardiovascular Live 3D course for system instrumentation regarding Live 3D.

For more information

Contact Philips Ultrasound Clinical Education at **800.522.7022** and visit our education catalog at www.learningconnection.philips.com/ultrasound

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