



PHILIPS

Clinical Education

The Surgeon's View

Essential 2D TTE and 3D TEE for Valvular Repair

In today's competitive and dynamic healthcare climate, it is critical to use your medical imaging systems to their fullest potential. Our goal at Philips Healthcare is to provide the clinical education you need to make the most of your equipment investment.

Philips Ultrasound University Cardio Vascular 330

This two-day course is directed by Evelio Rodriguez, MD, FACP, FACC, and provides surgeons, anesthesiologists, cardiologists, and sonographers a successful algorithm for a heart valve clinic approach using 2D and 3D TEE for optimal patient and surgical selection for minimally invasive and hybrid suite cardiac surgery.

Case studies demonstrate experience and objectives for pre-planning, perioperative, and post robotic/minimally invasive valvular repair and transcatheter procedures. Dr. Rodriguez and Rick Meece provide attendees "Surgeon's View" case examples and dataset examples of mitral repair and structural heart procedures, including

imaging protocols using QLAB which emulate the real world experience of an institutional valve clinic and surgical team.

Day Two continues with essential TTE echocardiography techniques for patient and procedure selection criteria, live scanning tutorials, and performance of 3DQA and 2D speckle tracking strain for evaluation of ventricular dysfunction and dyssynchrony.

Prerequisite

Experience with system instrumentation and 2D TEE is required for all participants in this program.

Live 3D The Surgeon's View (CV330)

“As we evolve towards more valvular repair and transcatheter procedures, cardiovascular surgeons increasingly embrace the essential role of Live 3D imaging for pre-planning and perioperative guidance in the goal of improved outcomes for our patients.”



Evelio Rodriguez, MD, FACP, FACC

Director of Robotic and Cardiac Arrhythmia Surgery at Saint Thomas West Hospital in Nashville TN



Rick Meece, RDCS, RCS, RCIS, FASE

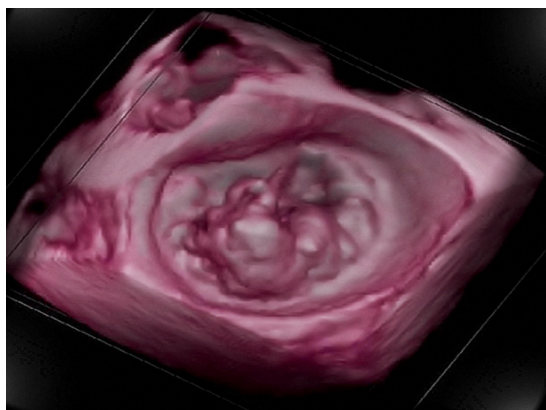
Cardiac Imaging Specialist at Saint Thomas West Hospital in Nashville TN

Introduction to basic use of 3D TTE is suggested for all attendees, but not a requirement. We recommend the ACT 3D course as a good prerequisite for Live 3D imaging and instrumentation.

Course Objectives

Upon completion of this course, the learner should be able to:

- Explain differences between diagnostic and prognostic aspects of acquired echocardiography data and reporting from a surgeon's perspective.
- Describe productive and intuitive imaging protocols in obtaining essential echocardiographic information preceding surgical repair of the mitral and aortic valve.
- Discuss relevant applications of on-cart QLAB tools for perioperative guidance of valvular and structural heart disease procedures through the use of real world case studies.
- Describe the current relevance and applicability of Live 3D and speckle tracking strain in evaluating ventricular dysfunction and recovery.



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

www.learningconnection.philips.com/ultrasound

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