Live 3D in complex Congenital Heart Disease

Bridging the gap between 2D and 3D for CHD

This one-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 transthoracic 3D images of complex congenital heart issues.

Course description

The course will be directed 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 acquisition and manipulation from live models. Additional image manipulation from stored image loops will be practiced. This course will provide a thorough introduction into the fundamentals of live transthoracic 3D image acquisition and its practical clinical application.

The Philips ultrasound clinical education team will assist in instructing participants on optimizing acquisition, manipulation, cropping, display and quantification of 3D datasets of congenital cardiac defects using QLAB software. Students will have ample opportunity to develop hands-on experience.
Live 3D in complex Congenital Heart Disease (CV310)

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

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

• Acquire, crop, manipulate, display and quantitate 3D echo images
• Describe the uses and limitations of Live 3D echo technology
• Explain how to integrate live 3D echo 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 echocardiography and system instrumentation is required for this program. Participants should have experience in congenital heart disease.

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

Please visit www.learningconnection.philips.com/ultrasound