



# Mitral Valve Imaging techniques for interventional procedures

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 is to provide the clinical education you need to make the most of your equipment investment.

## **Philips Ultrasound University Cardio Vascular 361**

This program will be taught by George Gellert MD, Medical Director, Interventional Echocardiography, Structural Heart Program, Cavanagh Heart Center, Banner Good Samaritan Medical Center, Phoenix, Arizona and Associate Clinical Professor, Department of Anesthesiology, Creighton University School of Medicine.

This one-day course is designed to provide heart surgeons, interventional cardiologists, non-interventional cardiologists, cardiac anesthesiologists and cardiac sonographers with the fundamental skills required to obtain and analyze high-quality Live 3D TEE images. The course focuses on image acquisition and analysis needed

for interventional Mitral Valve procedures.

The small class size of this course enables participants to closely interact with the instructor and to receive individual hands-on training, with special emphasis on mitral valve apparatus QLab analysis. 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 to the fundamentals of Live 3D TEE and its practical use for mitral valve procedures.

# Mitral Valve Imaging (CV361)

“This didactic and hands-on training course is for interventional and non-interventional cardiologists, cardiac surgeons, cardiac anesthesiologists and cardiac sonographers on surgical or interventional mitral valve teams to observe and to learn the application of Live 3D TEE for Transcatheter and Surgical Mitral Valve procedures. The course will prepare participants to utilize 3D echocardiography for guidance of Transcatheter Mitral Valve procedures and for assessment of mitral valve surgical repair.”



George Gellert, MD.

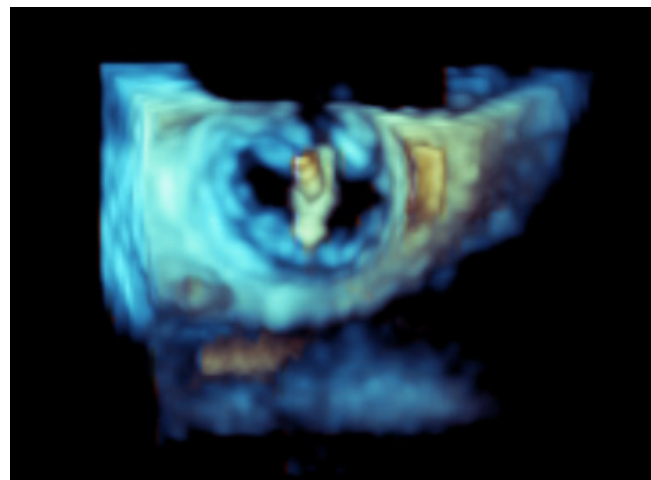
## Prerequisite

Experience with system instrumentation and 2D TEE is required for all participants in this program. Introduction to basic use of 3D TTE is suggested for all attendees, but not a requirement. We recommend the ACT 3D course for Live 3D imaging and instrumentation.

## Course Objectives

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

- Explain the relevant mitral valve anatomy for Transcatheter and Surgical Mitral Valve procedures.
- Describe how to acquire, crop, manipulate, display and quantitate 3D TEE images..
- Discuss relevant applications of QLAB tools for 3DQ and basic mitral valve analysis..
- Summarize echocardiographic guidance for Transcatheter Mitral Valve procedures.
- Relate the relevant 3D TEE assessment for Transcatheter and Surgical Mitral Valve procedures



## 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](http://www.learningconnection.philips.com/ultrasound)**

© 2014 Koninklijke Philips N.V. All rights are reserved.

Philips Healthcare reserves the right to make changes in specifications and/or to discontinue any product at any time without notice or obligation and will not be liable for any consequences resulting from the use of this publication.



Please visit [www.usa.philips.com/healthcare-medical-education](http://www.usa.philips.com/healthcare-medical-education)

Printed in The United States.  
Nov 2014