

Understanding Myocardial Mechanics

A simplified approach to speckle-based strain imaging in clinical cardiology.

Philips Ultrasound University Cardiology 350

Jeffrey C. Hill, BS, RDCS,
FASE, Program Chair of the
Cardiovascular Sonography
Programs, Sanford-Brown College,
Boston Massachusetts

This one-day course is designed to provide cardiologists and sonographers with the fundamental skills required to analyze high-quality 2D images for myocardial performance.

Course description

This one-day course will be taught by Jeffrey C. Hill, BS, RDCS, FASE, and is the first Philips course solely dedicated to the assessment of myocardial mechanics and strain imaging by speckle tracking echocardiography (STE). The course includes both basic and advanced teaching of myocardial function and is designed for physicians and sonographers that are interested in improving their skills in the interpretation of strain imaging.

Attendees will begin the program by learning the basics of myocardial function including how to interpret normal and abnormal strain waveforms. The program will extend to

lectures and live demonstrations including technical tips and emphasis on the caveats, pearls and pitfalls of the application. Several basic and challenging case examples that would be encountered in routine, clinical practice will also be presented. In addition, the attendees will develop a stepwise approach to acquisition and interpretation of strain imaging.

Locations

Will be held in Philips central locations in Alpharetta, Georgia; Bothell, Washington; and Cleveland, Ohio.

PHILIPS

Understanding Myocardial Mechanics (CV350)



Jeffrey C. Hill, BS,
RDCS, FASE

"The new speckle tracking concept has the potential to unlock the "Rosetta Stone" in deciphering regional and global ventricular function."

Course objectives

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

- Describe the basics of myocardial fiber architecture
- Explain the basic concepts of speckle tracking echocardiography (STE)
- Demonstrate QLAB and CMQ for the assessment of STE
- Interpret normal and abnormal STE waveforms
- Develop a stepwise approach to acquiring, analyzing and reporting STE

Facilitators and speakers

- Jeffrey C. Hill, BS, RDCS, FASE, Program Chair of the Cardiovascular Sonography Programs and Sanford-Brown College, Boston, Massachusetts
- Philips Ultrasound Clinical Education

Locations

Will be held in Philips central locations in Alpharetta, Georgia, Bothell, Washington and Cleveland, Ohio.

Pre-requisite knowledge

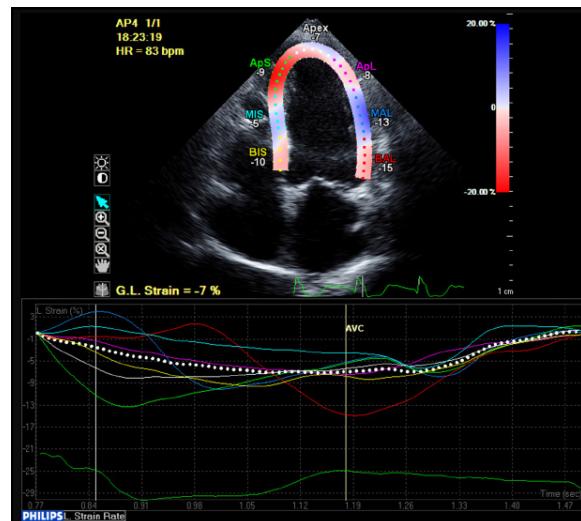
Attendees should have basic knowledge of 2D echocardiography for the assessment of regional and

global function. An understanding of the basics of strain imaging is desirable.

This course is for physicians and sonographers interested in the assessment of myocardial mechanics.

For more information

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



Please visit www.learningconnection.philips.com/ultrasound



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

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.

Philips Healthcare is part of Royal Philips Electronics

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

Philips Healthcare
22100 Bothell Everett Highway
Bothell, Washington 98021