

Coefficient of Variation (CV)

$$CV = \frac{GLS}{\bar{X}} \cdot 100\%$$

## Mastering Myocardial Strain in Clinical Practice

An advanced approach to speckle-based strain imaging in clinical cardiology.

This four hour virtual course is designed to provide cardiologists and sonographers with the skills required to integrate myocardial strain into their daily practice.

Philips Ultrasound  
University  
Cardiology 352

### Course description

This virtual course will be taught by Jeffrey Hill, BS, ACS, FASE. The clinical application of strain imaging is complex and requires a thorough understanding of the technology for accurate diagnosis. This course is the first-of-its-kind to address reproducibility between the cardiac sonographer in the measurement of global longitudinal strain imaging (GLS). Statistical analysis will include observer and test-retest variability. The attendee will be provided a “GLS Toolbox” that includes statistical worksheets, protocols, and technical tips on improving strain imaging as part of quality control in the Echo Lab. In addition, there will be an analysis of GLS in complex diseases.

The program will extend to lectures and technical tips and emphasis reproducibility and quality analysis.

### Locations

This is a virtual delivery course. Speak to your clinical specialist about bringing this program in person to your facility and integrating hands on workshops for your staff.

Jeffrey Hill, BS, ACS, FASE



# PHILIPS

# Mastering Myocardial Strain in Clinical Practice (CV 352)



“The new speckle tracking algorithm has the potential to unlock the “Rosetta Stone” in deciphering global ventricular function.”

## Course objectives

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

- Describe statistical models appropriate for strain imaging
- Analyze complex cases in patients with myocardial disease
- Demonstrate a systematic approach to improve accuracy and reproducibility in the measurements of GLS

## Facilitators and speakers

- Jeffrey Hill, BS, ACS, FASE
- Philips Ultrasound Clinical Education staff

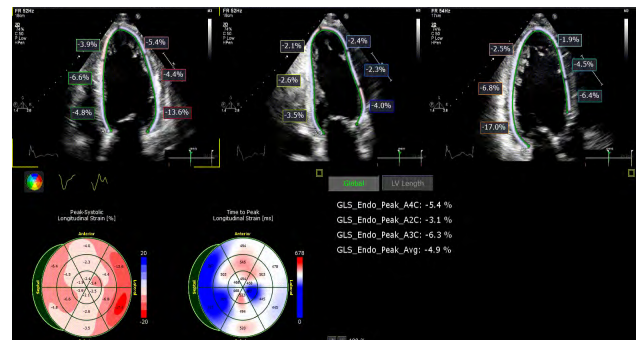
## Pre-requisite knowledge

The attendee should have a strong understanding of the application and analysis of strain imaging.

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

## For more information

Contact Philips Ultrasound Clinical Education at **1 800-522-7022** and visit our education portal at **[www.philips.com/clinicaleducation](http://www.philips.com/clinicaleducation)**.



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[www.philips.com/healthcare](http://www.philips.com/healthcare)  
[healthcare@philips.com](mailto:healthcare@philips.com)

Philips Healthcare  
22100 Bothell Everett Highway  
Bothell, Washington 98021