

Contrast Enhanced Ultrasound

The decision to work with Philips is something we take very seriously. Our goal is to provide the education you need to make the most out of your investment.

Philips Ultrasound General Imaging 314

The Contrast Enhanced Ultrasound University is a one day, physician led course that will provide the learner a comprehensive overview of the up-to-date advanced imaging techniques of contrast enhanced ultrasound (CEUS). The course will cover basic physics and science, clinical applications, techniques and interpretation of contrast enhanced exams. Additionally the course will address the advantages and disadvantages of CEUS to increase diagnostic

confidence in the performance and or interpretations of the exams.

The course will be presented by Stephanie Wilson, MD who is currently a practicing radiologist in Calgary AB Canada and Clinical Professor of Radiology with a cross appointment in Medicine, Division of Gastroenterology, at the University of Calgary. She is the current co-president of ICUS, the International Contrast Ultrasound Society.

Dr. Wilson runs one of the most advanced and well-known clinical and research facilities for the investigation of microbubble contrast agents for medical imaging in North America, recognized for its accomplishments throughout the world.

Audience Statement

This course is for physicians and sonographers interested in expanding their knowledge in the use of contrast enhanced ultrasound.

Contrast Enhanced Ultrasound (GI314)

"CEUS is a noninvasive and very safe method of imaging to characterize focal liver lesions in both adult and pediatric patients, without the requirement for ionizing radiation. It is performed with an approved contrast agent which allows for the imaging at the perfusion level with ultrasound. This course will cover the unique and valuable CEUS features included in the use of real time dynamic scanning, which allows for the detection of changes in vascularity and enhancement, regardless of its duration and timing. In today's environment where radiation and cost are of major concern, CEUS is sure to be a winner."



Stephanie R. Wilson, MD

Course Objectives

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

- Discuss performance of a basic CEUS examination of the liver or region of interest
- Understand the performance of complex advanced CEUS techniques
- Interpret the vascular information at the "washin" of microbubble contrast agents and during their natural decline
- Appreciate the value of CEUS as a real time technique without requirement for ionizing radiation
- Recognize the advantages and disadvantages of CEUS

Prerequisite

A thorough knowledge and understanding of 2D ultrasound imaging fundamentals and system instrumentation is required for this program.

Locations

Course may be held in Philips central locations in Alpharetta, Georgia; Bothell, Washington; and Cleveland, Ohio. Other locations may be offered.

Remote Access Available

This course has remote access opportunities available. Please speak to your Clinical Specialist for more information.

For more information

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

