

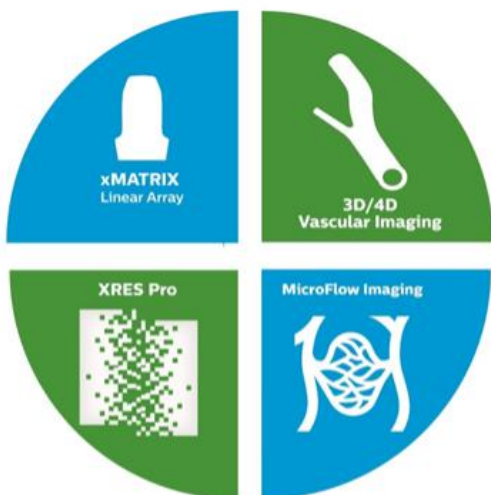


# Vascular Solution University

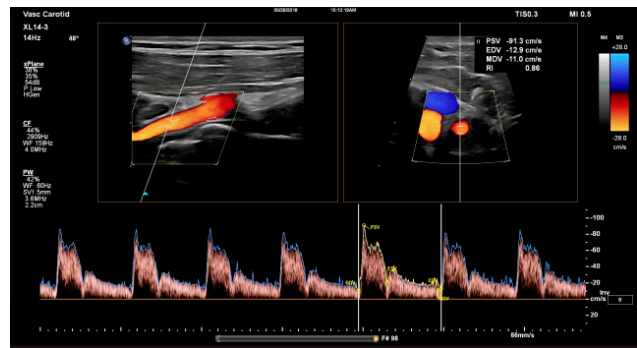
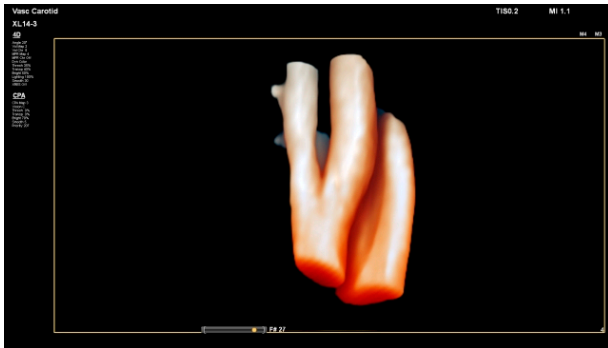
In today's competitive and dynamic healthcare climate, it is critical to use your medical imaging systems to their fullest potential. Our goal at Philips Healthcare is to provide the clinical education you need to make the most of your equipment investment.

Philips is proud to introduce the Ultimate Solution for Vascular Ultrasound Assessment. Integral to this clinical solution is the world's first xMatrix linear transducer the XL14-3. This transducer opens the door to a host of exciting new technologies for the vascular ultrasound community including xPlane imaging to increase accuracy and efficiency of your current vascular exams with simultaneous live orthogonal planes in 2D, Color, and Doppler. Not only will this transducer transform your current workflows, it ushers in the vascular assessment of tomorrow. With high quality 3D/4D (live 3D) clinical decision making can be transformed. This two day course is designed to follow up on your onsite installation training, to expand and deepen your knowledge beyond the fundamentals.

You can expect on day 1 to receive in-depth training on operating skills and applications, acquisition and optimization, to ensure that you have the opportunity to explore and harness all the capabilities of the XL14-3 transducer and how to apply it to current workflows. During day 2, Muhammad Hasan, a preeminent vascular ultrasound expert will explore clinical scenarios/case studies in order to explore beyond the "how to" of these innovative technologies and to expose the clinical value of the XL14-3's capabilities for improved accuracy, efficiency, and communication.



# Vascular Solution University (VASC350)



## Course objectives

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

- Explain and discuss steps to acquire an xPlane B-mode image (both in slice mode and tilt-mode)
- Explain how to acquire and manipulate 3D datasets using the new icon-based workflow
- Describe benefits of new 4D HV acquisition and techniques to acquire it and manipulate 4D HV datasets
- Performing iSlice and other advances operations on 3D datasets
- Describe steps for 3D panoramic acquisition and manipulation
- Describe how to acquire 3D/4D CPA/Color datasets.
- Describe how to store and manipulate 3D/4D datasets, MPRs, and cineloops.
- Describe how to open 3D/4D datasets in off-cart workstations
- Describe how the XL14-3 changes current practice
- Understanding how to apply new technologies while performing different types of vascular testing.
- Describe the clinical applications of Xplane during gray scale, color Doppler and spectral Doppler imaging.
- Describe the clinical application of iSlice technology in imaging atherosclerotic plaque and different pathologies.
- Be familiar with MicroFlow Imaging in imaging solid and vascular structure perfusion and atherosclerotic plaque morphology.
- Demonstrate the use of 3D/4D imaging while performing different types of vascular testing.
- Understand the possibilities to maximize your investment

## Audience

This course is for physicians and sonographers interested in learning how to maximize their investment in the future of vascular ultrasound and gain the skills to work with xPlane, 3D, 4D vascular applications.

## Prerequisite

This course is intended for either practicing sonographers or physicians with some prior ultrasound scanning experience.

## Faculty

- Anup Agarwal, PhD (when available)
- Muhammad Hasan, MBChB, RVPI, RVT
- Philips Clinical Service Specialists

## 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 a Philips ultrasound clinical services coordinator at 800-522-7022 and visit our education catalog at

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

