



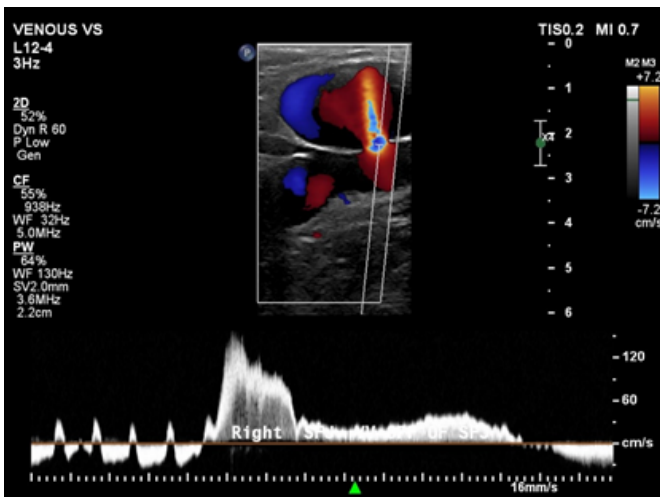
Venous Insufficiency: Ultrasound Diagnosis and Disease Management

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.

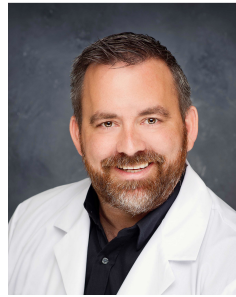
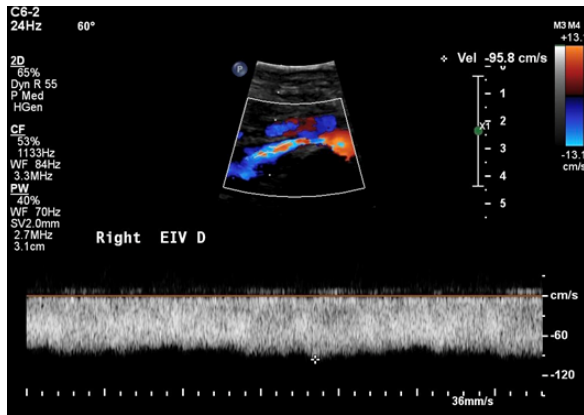
Philips Ultrasound University Vascular 340

There are a growing number of patients who suffer from venous insufficiency that duplex scanning can help identify. Complex and abnormal patient anatomy, ergonomic challenges, and new applications for ultrasound in diagnosis and treatment guidance call for specific training for sonographers to scan these cases properly and physicians to interpret these ultrasound exams.

This full day course led by Mr. Brian Sapp, a pioneer of modern venous ultrasound, reviews the history, hemodynamics, pathophysiology, testing protocols, diagnostic criteria, considerations in disease management, and advanced interpretation through case studies of chronic venous insufficiency. This course includes discussion and case study of abdominal and pelvic venous involvement with lower extremity venous insufficiency and pelvic congestion syndrome.



Venous Insufficiency Ultrasound Diagnosis and Disease Management (VASC 340)



**Brian Sapp,
RVT, RPhS**



Course objectives

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

- Understand the physical principles of ultrasound and Doppler imaging and apply that knowledge towards image optimization and recognition of pitfalls and artifacts.
- Demonstrate knowledge of the anatomy and physiology of abdominal, pelvic, and lower extremity venous systems
- Improve technical skill for abdominal, pelvic and lower extremity venous examinations for detection of venous insufficiency
- Discuss pathophysiology of venous insufficiency
- Explain approach and execution of venous insufficiency testing
- Understand abdominal/pelvic influence on pelvic congestion and lower extremity venous insufficiency
- Obtain and/or increase confidence to incorporate protocols, techniques and interpretation criteria to improve diagnostic and treatment accuracy

Audience

This course is intended for physicians or sonographers who want to acquire the technical and cognitive skills required to perform venous insufficiency ultrasound evaluation or who assist patients with treatment/disease management.

Prerequisite

The attendee should have a functional understanding of normal venous anatomy and associated ultrasound appearance as this course focuses on abnormal anatomy and findings associated with venous insufficiency disease states.

Faculty

- Brian Sapp, RVT, RPhS
- 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

