

VASCULAR BASICS

Advanced Training for Sonographers

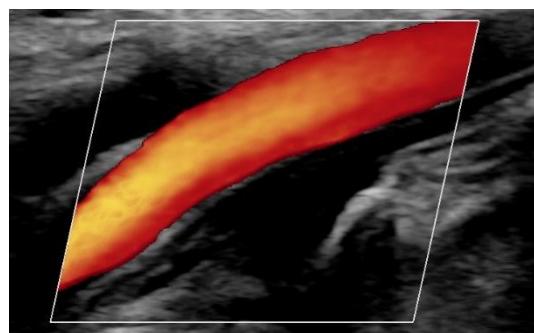
MARCH 2024

8-Week Online Hybrid Course

About the Course

Vascular Basics is structured for sonographers interested in learning more on vascular anatomy, hemodynamics and normal blood flow patterns using grayscale, color, and spectral Doppler.

The course content emphasizes information on normal venous and arterial anatomy within the cerebrovascular, abdominal, and peripheral vascular systems. This curriculum is designed to support sonographers throughout Minnesota to gain vascular knowledge and prepare for the ARDMS VT examination.



This Course Will Include:

- Recorded lectures
- Lecture assessments
- Zoom & online discussions
- Online module assignments
- Simulation assignments

The course will conclude with an **in-person skills practice & assessment** at your facility or a nearby location.



Normal Venous & Arterial Hemodynamics



Normal Waveform Characteristics



Image Optimization & Grayscale Instrumentation



Vascular Anatomy

THE LEONA M. AND HARRY B.
HELMSLEY
CHARITABLE TRUST

Supported by The Helmsley Charitable Trust

Advanced sonography training is supported by a grant from The Leona M. and Harry B. Helmsley Charitable Trust to St. Cloud Technical & Community College (SCTCC). Sonographers working at rural and underserved hospitals, clinics, and health centers throughout Minnesota may be eligible to participate in this training free of charge.

SCTCC Customized Training

The Customized Training department SCTCC strives to strengthen the region by helping develop a skilled workforce. The team partners with business, industry, nonprofit, and government organizations to assess needs and implement training solutions to support organizational growth, productivity, and employee attraction, retention, and development.

