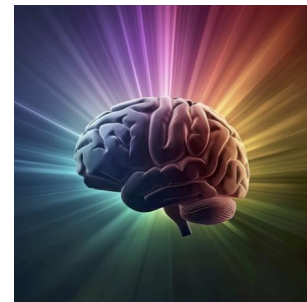


20th Annual Transcranial Doppler Course

The Fundamentals of TCD Scanning



Course Overview

April 11-12, 2026

In-person Hands-on Conference

Seattle, WA, USA

Over 15 Continuing Education credits

This program is designed for technologists, sonographers, physicians, advanced practice providers, and other allied health care professionals seeking to acquire the skill sets and knowledge base required to perform and interpret Transcranial Doppler (TCD) and Transcranial Doppler Imaging (TCDI) studies.

The target audience is for those who are new or novices to performing TCD.

The course consists of:

- Hands-on training on both TCD and TCDI with experienced faculty members
- Didactic lectures and demonstrations to learn the fundamentals of using TCD in patient care

Attendees of this course will receive credits that may count for the requirements for the American Society of Neuroimaging [NVS examination for TCD](#).

Learning Objectives

- Identify basic principles of intracranial vascular anatomy, physiology, and pathophysiology
- Describe clinical applications of TCD
- Demonstrate the proper techniques for the performance of TCD and TCD Imaging
- Recognize normal and abnormal intracranial Doppler spectral waveforms

Topics Included

- Cerebrovascular Neuroanatomy
- Basic Physics and Instrumentation
- TCD Non-imaging and TCDI Techniques
- Hemodynamics and Waveform Interpretation
- Collateral Flow
- Cerebral Emboli
- Hands-on TCD Training

Faculty

- Aaron Stayman, MD RPNI*
- Emily Ho, MD PhD RPNI*
- Leni Karr, RVT NVS CPC ELI-MP*
- Chandra Atkins, RVT
- Brenda Rinsky, RVT, RDMS, NVS
- Krislynn Barnhart, BS, RVT, NVS
- Meryl Harley, RVT
- Tonia Maddock, RVT, NVS
- Ahmad Siyar, RVT, NVS
- Vanessa Tran, RVT, NVS
- Jill Sommerset, RVT FSVU*

*Course Planning Committee

Current as of February 5, 2026. Subject to change.
For more information, please go to [TCD.education](https://www.tcd.edu/education)