

Transcranial Doppler and Imaging

Date: September 16-18 / Location: Seattle, WA

The Pacific Vascular Institute for Continuing Medical Education
in partnership with Swedish Neuroscience Institute

Day 1

- Tools of the Trade- Basic Physics and Instrumentation
- Neuroanatomy
- Vessel Identification
- Transcranial Doppler Technique
- Transcranial Imaging Technique
- Hemodynamics/Waveform Morphology
- Demonstration-Transcranial Doppler
- Demonstration-Transcranial Imaging
- Guided Hands-on Session- Transcranial Doppler and Imaging
- Guided Computer Learning Stations-
- Hemodynamic Software

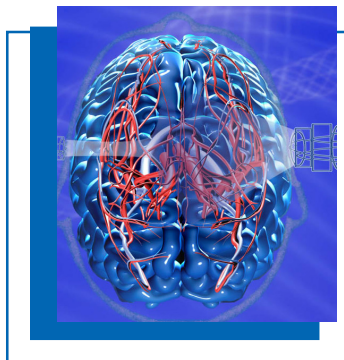
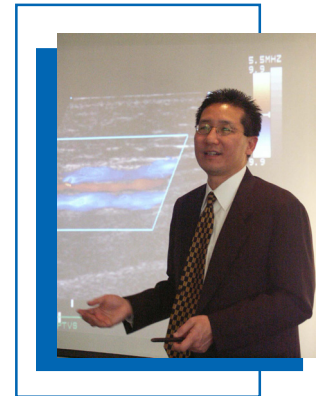
Day 2

- Collateral Effects of Carotid Disease
- Recognizing Cerebral Emboli
- Functional Testing- The CO₂ Challenge
- Monitoring TCD- Carotid Stents and Endarterectomy
- Subclavian Steal and Intracranial Effects
- Mechanical Compression of the Vertebral Arteries
- Laboratory Management Workshop
- Demonstration- CO₂ Challenge & Breath-holding
- Guided Hands-on Session- Transcranial Doppler and Imaging, Headgear Set-up, CO₂ Challenge & Breath-holding
- Guided Computer Learning Stations - Hemodynamic Software
- Interactive Case Studies

Day 3

- Intracranial Stenosis & Occlusion
- TCD in Acute Stroke
- Utilization of TCD in Sickle Cell Disease
- SAH & Vasospasm- Pathology and Pathophysiology
- TCD in the Detection of Vasospasm after SAH
- PFO Anatomy, Pathology & Treatment Strategy
- TCD in Traumatic Brain Injury & Cerebral Circulatory Arrest
- PFO TCD Protocol & Interpretation Criteria
- Interactive Case Studies
- Demonstration- PFO Testing
- Guided Hands-on Session- Transcranial Doppler and Imaging, PFO Testing
- Guided Computer Learning Stations - Hemodynamic Software

- Local and National Experts specializing in TCD
- Comprehensive curriculum
- Ample Hands-on with patients
- State of the art Educational Facility



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Accreditation: Pacific Vascular Institute for Continuing Medical Education (PVICME) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. PVICME takes responsibility for the content, quality, and scientific integrity of this CME activity. PVICME designates this educational activity for a maximum of 21 AAMA PRA Category 1 credit(s)[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity. This course satisfies 21 hours of SVU CME credits for Technologists.

Target Audience: PVICME provides continuing medical education to physicians and other healthcare providers worldwide. Current courses have been designed for a specific application in vascular surgery, cardiology, radiology, neurology, anesthesiology, emergency medicine, nephrology, and family medicine.