



**“TCD for Comprehensive Stroke Care”
2.5 Day Course in Transcranial Doppler Technology**

Advanced Health Sciences Pavilion
PEC 6, 7 & 8 Plaza Level
127 S. San Vicente Blvd
L.A., CA. 90048

Course Director – Patrick D. Lyden, MD
Co-Course Director, Course Coordinator – Brenda Rinsky, RVT, RDMS

March 31 to April 2, 2016 Course Agenda

Thursday- March 31

Day 1

7:30 - Registration

7:45 - Welcome and Course Introduction:

Patrick D. Lyden, MD

Brenda Rinsky, RVT, RDMS

8:00-8:30 AM - Basic Anatomy and Cerebral Pathophysiology

Patrick D. Lyden, MD

8:30-9:00 AM - Transcranial Doppler Technique & Waveform Analysis

Brenda Rinsky, RVT, RDMS

9:00-9:30 AM - Stenosis, Occlusion, and Collateral Flow

Brenda Rinsky, RVT, RDMS

9:30-10:00 AM - Embolic Detection

Patrick Lyden, MD

Break

10:15-10:45 AM - TCD, TIA and Stroke

Shlee Song, MD

10:45-11:15 AM - TCD in the ED

Andrei Alexandrov, MD

11:15- 11:45 AM - Sickle Cell Anemia and the “STOP” Protocol

Richard Shearer, MD

11:45-12:15 AM - Transcranial Doppler Imaging (TCDI)

Brenda Rinsky, RVT, RDMS

Colleen Douville, RVT

Lunch 12:15-1:15 PM - Provided

1:15:5:00 PM - Hands-On Workshops: Technical Demonstrations Provided

Anterior Circulation

Andrei Alexandrov, MD

Posterior Circulation

Brenda Rinsky, RVT, RDMS

TCD Imaging

Colleen Douville, RVT

Dual Channel Monitoring Set Up

Chris Hanuscin, ARRT

Friday- April 1

Day 2

8:00- 8:45 AM - TCD and Thrombolysis

Andrei Alexandrov, MD

8:45- 9:15 AM - Vasomotor Reactivity

Konrad Schlick, MD

9:15- 9:45 AM - TCD, SAH and Vasospasm

Nestor Gonzalez, MD

9:45- 10:15 AM - TCD and Traumatic Brain Injury,
ICP, and Cerebral Circulatory Arrest

Nestor Gonzalez, MD

Break

10:30- 11:00 AM -	<u>Intraoperative Monitoring Technique:</u> Carotid Endarterectomy, CABG, and Cardiothoracic	Brenda Rinsky, RVT, RDMS
11:00- 11:30 AM -	TCD and the Agitated Saline Bubble Study	Patrick D. Lyden, MD
11:30- 11:45 PM-	Bubble Studies- A Cardiologist's Perspective	Saibel Kar, MD
11:45- 12:00 PM -	Bubble Study Procedure & Technique- video and discussion	Brenda Rinsky, RVT, RDMS

Lunch 12:00-1:00 PM - Provided

1:00- 5:00 PM -	<u>Hands-on Workshop:</u> Anterior Circulation Posterior Circulation Duel Channel Monitoring Set Up TCD Imaging	Brenda Rinsky, RVT, RDMS Andrei Alexandrov, MD Chris Hanuscin, ARRT Colleen Douville, RVT
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8:00-8:15 AM -	Live Co2 Challenge Demonstration	Brenda Rinsky, RVT, RDMS Konrad Schlick, MD
8:15-8:45 AM -	Basic Interpretation Guidelines	Brenda Rinsky, RVT RDMS
8:45-12:00 PM -	Group Panel Discussion - TCD and TCDI Case Studies Audio-Enhanced Waveform Analysis Basic Interpretation Skills TCD Reports	Course Faculty
12:00 PM -	Adjourn	