 **“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

Registration: <https://www.regonline.com/builder/site/?eventid=1693224>

**August 16-18, 2017 Course Agenda**

**Wednesday- August 16 Day 1**7:30 – Registration/ Morning refreshments : **Come Meet the** **Vendors!**    
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 Physics and Theory Patrick D. Lyden, MD  
9:00-9:30 AM - TCD Non-Imaging Technique & Waveform Analysis Brenda Rinsky, RVT, RDMS  
9:30-10:00 AM - Transcranial Doppler Imaging (TCCI) Colleen Douville, RVT

*Break*  
10:15-10:45 AM - TCD, TIA and Stroke Shlee Song, MD 10:45-11:00 AM - TCD in the ED Andrei Alexandrov, MD 11:00-11:30 AM - TCD, SAH and Vasospasm Axel Rosengart, MD  
11:30-12:00 AM - TCD: Traumatic Brain Injury,  
 ICP, and Cerebral Circulatory Arrest Axel Rosengart, MD  
12:00- 12:30 AM - Sickle Cell Anemia and the “STOP” Protocol Konrad Schlick, MD  
 Brenda Rinsky, RVT, RDMS  
  
*Lunch 12:30-1:30 PM – Provided*

1:30:5:00 PM - Hands-On Workshops: Technical Demonstrations Provided   
   
 Non-Imaging TCD Andrei Alexandrov, MD   
 Non-Imaging TCD Brenda Rinsky, RVT, RDMS TCD Imaging Colleen Douville, RVT  
 Dual-Channel Monitoring Set Up Michael Cavallaro, RVT, R.EEG.T  
 Ophthalmic & Siphon

**Thursday- August 17 Day 2**    
  
8:00- 8:30 AM - Embolic Detection Patrick Lyden, MD  
8:30- 9:15 AM - TCD and Thrombolysis Andrei Alexandrov, MD  
9:15- 9:45 AM - Stenosis, Occlusion, and Collateral Flow Brenda Rinsky, RVT, RDMS  
9:45- 10:15 AM Vasomotor Reactivity Konrad Schlick, MD

*Break*

10:30- 11:00 AM – TCD and the Agitated Saline Bubble Study Patrick D. Lyden, MD  
11:00- 11:30 AM – Bubble Studies- A Cardiologist’s Perspective Saibal Kar, MD  
11:30- 11:45 PM - Bubble Study Procedure & Technique- video and discussion Brenda Rinsky, RVT, RDMS  
11:45- 12:00 PM - Intraoperative Monitoring Technique: Brenda Rinsky, RVT, RDMS  
 Carotid Endarterectomy, CABG, and Cardiothoracic  
  
   
*Lunch 12:00-1:00 PM – Provided*

1:00- 5:00 PM - Hands-on Workshop:

Non-Imaging TCD Andrei Alexandrov, MD   
 Non-Imaging TCD Brenda Rinsky, RVT, RDMS TCD Imaging Colleen Douville, RVT  
 Dual-Channel Monitoring Set Up Michael Cavallaro, RVT, R.EEG.T  
 Ophthalmic & Siphon

**Friday- August 18 Day 3**   
  
8:00-8:15 AM – Live Co2 Challenge/Breath Holding Demonstrations Brenda Rinsky, RVT, RDMS  
 Konrad Schlick, MD

8:15-8:45 AM – Basic Interpretation Guidelines- Course Summary Brenda Rinsky, RVT RDMS

8:45-12:00 PM - **TCD and TCCI** **Case Studies Course Faculty  
 Audio-Enhanced Waveform Analysis** **Basic** **Interpretation Skills**

12:00 PM – Adjourn