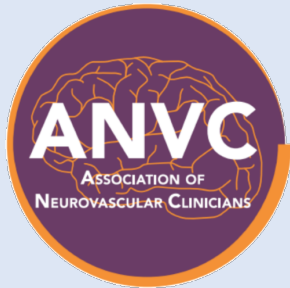


NEW THIS YEAR!

ASN is excited to present **TWO NEW** sessions specially designed to meet the unique educational needs of our attendees.



CT Imaging Workshop **Multi-Modal CT Imaging: From basic to advanced clinical practice**

Saturday, March 7, 2020
7:30 am – 5:00 pm

Faculty:

Andrei Alexandrov, MD, RVT, NVS; Anne Alexandrov, PhD, AGACNP-BC, ANVP-BC, FAAN; Abby Doerr, DNP, APRN, FNP-BC, ANVP-BC, SCRNP, CVRN; Emma Fields, APRN-CNP; Ryan Hakimi, DO, MS, FNCS, NVS; Marc Malkoff, MD

Multi-modal CT imaging plays an important role in diagnosis, treatment decision making, and prognostication. This all-day course explores different CT modalities, including their utility and evolving clinical applications. From ASPECTS scoring, to navigating CTA source images and critically examining the utility of perfusion imaging, both practitioners in training as well as those already working in clinical practice will expand their CT knowledge and interpretation competencies.

Objectives:

- Discuss the clinical utility of different CT modalities in diagnosis, treatment decision making, and prognostication in patients with acute stroke.
- Differentiate clinical and CT findings suggestive of stroke mimic diagnoses from patients with acute ischemic stroke.
- Interpret multi-modal CT imaging to support clinical decision making patient management.

WORKSHOP SCHEDULE

- 7:30 - 7:40 am
Welcome and Program Overview
Anne Alexandrov and Ryan Hakimi
- 7:40 - 8:30 am
Introduction to Neuroimaging Techniques
-CT Basics
Ryan Hakimi
- 8:30 - 9:00 am – Morning Break
- 9:00 - 9:45 am
Neuroanatomy Basics: Localizing Lesions
Part 1: Tracts and Brainstem
Marc Malkoff
- 9:45 -10:30 am
Neuroanatomy Basics: Localizing Lesions
Part 2: Neurovascular Territories
Anne Alexandrov
- 10:30 – 10:45 am - Stretch Break
- 10:45 - 12:30 pm
Multi-Modal CT Imaging in Acute Stroke
(noncontrast CT, source image CTA, CTP)
Abby Doerr and Andrei Alexandrov
- 12:30 - 1:30 pm - Lunch (on your own)
- 1:30 - 2:20 pm
Differentiating Stroke Mimics on CT
Imaging
Marc Malkoff
- 2:20 - 3:15 pm
MRI vs. CT Imaging
Emma Fields
- 3:15 - 3:30 pm - Stretch Break
- 3:30 - 5:00
Neuroimaging Interactive Cases
Moderator: *Emma Fields*
Case Presenters: *Anne Alexandrov, Marc Malkoff, Andrei Alexandrov, Ryan Hakimi, Abby Doerr*

Sonographer Roundtables **Transcranial Doppler: Interpretation Skills**

Saturday, March 7, 2020
9:00 am – 12:30 pm

Director:

Colleen Douville, RVT, NVS

This one day intensive course is designed to provide an overview of the use of TCD in patients with multiple forms of cerebrovascular disease and specifically on how to interpret the findings. It is intended for those engaged in performing and/or interpreting TCD studies in a variety of specialized clinical settings.

Objectives:

- Describe the accepted clinical applications of TCD/TCCD
- Define the diagnostic criteria for each clinical application of TCD/TCCD
- Describe troubleshooting techniques for challenging studies

TO REGISTER GO TO WWW.ASNWEB.ORG