

ATLANTA



ASN 43RD ANNUAL MEETING MARCH 5-7, 2020

THURSDAY, MARCH 5, 2020

9:00 – 10:30 am (Parallel Sessions)	Applied Principles of Ultrasound Physics and Fluid Dynamics – <i>Andrei Alexandrov</i>
	Imaging in Systemic Disease in Neurology – <i>Joshua Klein</i>
10:30 – 10:45 am	Coffee Break
10:45 am – 12:30 pm (Parallel Sessions)	Basics of Ultrasound I – <i>Alexander Razumovsky</i>
	Neuroimaging of Trauma – <i>Jennifer McVige</i>
12:30 – 1:30 pm	Lunch (on your own)
1:30 – 3:00 pm (Parallel Sessions)	Basics of Ultrasound II – <i>Alexander Razumovsky</i>
	Interpreting Advanced MRI – <i>Eduardo Gonzalez-Toledo</i>
3:00 – 3:30 pm	Coffee Break
3:30 – 5:00 pm (Parallel Sessions)	Basics of Ultrasound III – <i>Alexander Razumovsky</i>
	Imaging of Brain Tumors – <i>Laszlo Mechtler</i>
5:00 – 5:15 pm	Stretch Break
5:15 – 7:00 pm	Debate: Imaging in Acute Stroke Moderators: <i>Marc Malkoff</i> and <i>Ryan Hakimi</i> , Featuring: <i>Diogo Haussen</i> , <i>David Liebeskind</i> , and <i>Andrei Alexandrov</i>
7:00 – 9:00 pm	Welcome Reception – Exhibits & Guided Poster Tour

FRIDAY, MARCH 6, 2020

8:00 – 9:00 am	Breakfast with Exhibitors
9:00 – 10:30 am (Parallel Sessions)	Advanced Ultrasound I – <i>Alexander Razumovsky</i>
	2020 Updates on Optic Nerve and Retinal Imaging – <i>Oana Dumitrascu</i> and <i>Jorge Carrizosa</i>
10:30 – 10:45 am	Coffee Break
10:45 am – 12:30 pm (Parallel Sessions)	Advanced Ultrasound II – <i>Alexander Razumovsky</i>
	Imaging in MS – <i>Konstantin Balashov</i>
12:30 – 1:30 pm	Lunch and Annual Business Meeting
1:30 – 2:00 pm	Featured Talk – <i>William Stuart</i>
2:00 – 3:15 pm	Keynote Lecture: The Role of Imaging in Teleneurology – Best Practices – <i>Leonard DaSilva</i>
3:15 – 3:45 pm	Coffee Break
3:45 – 4:45 pm	Physician Leadership in the era of Patient-Centric, Value-based Healthcare – <i>Peter Kalina</i>
5:00 – 5:15 pm	Stretch Break
5:00 – 8:00 pm	Neurosonology Hands-on Workshop – <i>Andrei Alexandrov</i>

SATURDAY, MARCH 7, 2020

7:30 am – 5:00 pm	NEW THIS YEAR! CT Imaging Workshop: Multi-Modal CT Imaging: From basic to advanced clinical practice – <i>Anne Alexandrov</i> , <i>Emma Fields</i> , and <i>Ryan Hakimi</i> <i>*Please visit the ASN Annual Meeting web page for more details!</i>
8:00 – 9:00 am	Breakfast with Exhibitors
9:00 am – 12:30 pm (Parallel Sessions)	NEW THIS YEAR! Sonographer Roundtables – <i>Colleen Douville</i> <i>*Please visit the ASN Annual Meeting web page for more details!</i>
9:00 am – 10:30 pm (Parallel Sessions)	Pediatric Neuroimaging – <i>Peter Kalina</i> and <i>Jennifer McVige</i>
10:30 – 10:45 am	Coffee Break
10:45 am – 12:30 pm	Pro/Con Debate: Emerging Clinical Application for Transcranial Doppler Ultrasound in Pediatric Critical Care – <i>Brian Appavu</i>
12:30 – 1:30 pm	Lunch (on your own)
1:30 – 3:15 pm	Multimodal Imaging Algorithms in Acute Stroke Management – <i>Camilo Gomez</i>
3:15 – 3:45 pm	Coffee Break
3:45 – 5:00 pm	Interesting/Challenging Cases in Neuroimaging and Fellows/Residents Cases Moderator: <i>Michael Frankel</i>

SUNDAY, MARCH 8, 2020 – ASN 2020 EXAMINATIONS

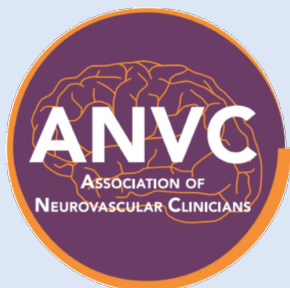
- Neurovascular Specialist (NVS) Exam
- Neurosonology Exam

Names in italics indicate course or session directors

TO REGISTER GO TO WWW.ASNWEB.ORG

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

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