


Program at a Glance

subject to change

CME Credit Key

 Ultrasound CME

Saturday, August 12 | 7:00 AM - 8:00 PM




7:00 am–7:45 am **Breakfast** | *Orangedale Ballroom*

8:00 am–10:30 am **General Sessions** | *Heritage Ballroom 1*

-  **8:00 AM–8:30 AM**
Ultrasound Physics: Overview of What you Really Need to Know
Mark Rubin, MD, RPNI, NVS
Edward Hines, Jr. VA Medical Center, Loyola University Medical Center Stritch School of Medicine
-  **8:30 AM–9:00 AM**
High Yield Test Items: Resolution Types and Artifacts
Mark Rubin, MD, RPNI, NVS
Edward Hines, Jr. VA Medical Center, Loyola University Medical Center Stritch School of Medicine
-  **9:00 AM–9:30 AM**
Carotid Duplex Primer and Technical Considerations
John Bennett, PhD, RVT, NVS, FICA
Wake Forest University School of Medicine
-  **9:30 AM–10:00 AM**
Teach Me How to Interpret a Carotid Duplex
Aaron Anderson, MD, RPNI
Emory University, Marcus Stroke & Neuroscience Center Grady

10:00 am–10:30 am **Coffee Break with Exhibitors** | *Orangedale Ballroom*

10:30 am–12:00 pm **General Sessions** | *Heritage Ballroom 1*

-  **10:30 AM–11:00 AM**
Carotid Duplex Artifacts
Courtney Hrdlicka, MD, RPNI
Mayo Clinic Scottsdale
-  **11:00 AM–11:30 AM**
Carotid Duplex Tips and Tricks From the Expert
Jesse Weinberger, MD
Icahn School of Medicine at Mount Sinai; Mount Sinai Medical Center
-  **11:30 AM–12:00 PM**
Clinical Applications of Optic Nerve Sheath Diameter Measurements
Mohammad Hirzallah, MD, MMSc
Departments of Neurology, Neurosurgery, and Center for Space Medicine; Section of Neurocritical care and Vascular Neurology; Baylor College of Medicine

12:00 pm–1:00 pm **Lunch** | *Orangedale Ballroom*

1:00 pm–2:00 pm **Breakout Sessions**

-  **1:00 PM–2:00 PM**
Transcranial Doppler: Interpretation Skills—Team of Expert Physicians and Sonographers | *Heritage Ballroom 1*
Mark Rubin, MD, RPNI, NVS
Aaron Anderson, MD
Dawn Whyte, RVT, NVS
Gyanendra Kumar, MD, MBBS, FASN
John Bennett, PhD, RVT, NVS, FICA

- 1:00 PM–1:30 PM**
Outside of the Brain: Head and Neck Imaging Above the Skull Base | *Heritage Ballroom 2*
Peter Kalina, MD, MBA, Mayo Clinic Rochester
- 1:30 PM–2:00 PM**
Outside of the Brain: Head and Neck Imaging Below the Skull Base | *Heritage Ballroom 2*
Peter Kalina, MD, MBA, Mayo Clinic Rochester

2:00 pm–2:45 pm **Coffee Break with Exhibitors | Orangedale Ballroom**

2:45 pm–4:30 pm **General Sessions | Heritage Ballroom 1**

2:45 PM - 3:30 PM

The Business of Thrombectomy: Understanding How Conversion of Medical DRG to a Surgical DRG Changes Your Program's Profit Margin

Camilo Gomez, MD
MU Healthcare

3:30 PM - 4:00 PM

NVS, RPNI, RVT: Alphabet Soup of TCD Credentials and Why it Matters

Marge Hutchisson, BS, RVT, RDCS, RPhS
Intersocietal Accreditation Commission

4:00 PM - 4:30 PM

TCD Lab Accreditation: It's About Patient Care

Marge Hutchisson, BS, RVT, RDCS, RPhS
Intersocietal Accreditation Commission

4:30 pm–6:00 pm **Welcome Reception with Exhibitors and Poster Session | Orangedale Ballroom**

*See pages 17-18 for Abstract Index

6:00 pm–8:00 pm **TCD Hands – on Basic Workshop – Knobology and Seeing Each Manufacturers Bells and Whistles | Heritage Ballroom 3-5**

*Must be pre-registered for workshop

Mark Rubin, MD, MD, RPNI, NVS
Methil Pradeep, MD, FRCP, FASN
Aaron Anderson, MD

Gyanendra Kumar, MD
John Bennett, PhD, RVT, NVS, FICA
Mohammad Hirzallah, MD

Sunday, August 13 | 8:00 AM - 5:30 PM

8:00 am–10:00 am **TCD Hands – on Advanced Workshop – Cool Tips & Tricks | Heritage Ballroom 3-5**

*Must be pre-registered for workshop

Mark Rubin, MD, MD, RPNI, NVS
Methil Pradeep, MD, FRCP, FASN
Aaron Anderson, MD

Gyanendra Kumar, MD
John Bennett, PhD, RVT, NVS, FICA
Mohammad Hirzallah, MD

10:00 am–10:30 am **Neurosarcoidosis: A Neuroimaging Review | Heritage Ballroom 2**

Spencer Hutto, MD
Emory University School of Medicine

10:30 am–11:00 am **Coffee Break with Exhibitors | Orangedale Ballroom**

11:00 am–12:00 pm **General Session & Aya Healthcare Focus Group**

Acute Demyelinating Disorders in Adults: A Neuroimaging Review |

Heritage Ballroom 2

Rob Bakshi, MD, PhD
Brigham and Women's Hospital, Harvard Medical School

Aya Health Focus Group | Sunset Room
(invitation only)



12:00 pm–1:00 pm **Lunch Symposium Sponsored by Horzion Therapeutics | Heritage Ballroom 1**



1:00 pm–2:00 pm **Break with Exhibitors | Orangedale Ballroom**

2:00 pm–4:00 pm

Breakout Sessions

2:00 PM–2:30 PM

TCD Artifacts | *Heritage Ballroom 1*

*Courtney Hrdlicka, MD
Mayo Clinic Scottsdale*

2:30 PM–3:00 PM

TCD Emboli Detection: Monitoring of Anterior and Posterior Circulation | *Heritage Ballroom 1*

*Gyanendra Kumar, MD, RPN
Mayo Clinic Scottsdale*

3:00 PM–3:30 PM

Neuroimaging of Systemic Disease | *Heritage Ballroom 1*

*Shivani Ghoshal, MD
Columbia University Vagelos College of Physicians and Surgeons*

3:30 PM–4:00 PM

Using TCD in the Management of Sub-occlusive Large Vessel Thrombosis | *Heritage Ballroom 1*

*Ryan Hakimi, DO, NVS, RPN
Prisma Health*

2:00 PM–2:30 PM

Using Neuroimaging to Guide Brain Tumor Management | *Heritage Ballroom 2*

*Jerome Graber, MD
University of Washington; Alford Brain Tumor Center*

2:30 PM–3:00 PM

Neuroimaging of Paraneoplastic Syndromes | *Heritage Ballroom 2*

*Jerome Graber, MD
University of Washington; Alford Brain Tumor Center*

3:00 PM–3:30 PM

Neuroimaging of Cancer-related Treatment Associated Neurotoxicity | *Heritage Ballroom 2*

*Joshua Klein, MD, PhD, FANA, FASN, FAAN
Brigham and Women's Hospital*

4:00 pm–5:30 pm

Awards Presentation, ASN Business Meeting & Reception with Exhibitors | *Orangedale Ballroom*

Monday, August 14 | 7:15 AM - 5:00 PM

7:15 am–8:00 am

Breakfast | *Orangedale Ballroom*

8:00 am–10:00 am

Breakout Sessions

8:00 AM–8:30 AM

TCD as a Multi-Modality Tool in Critically-ill Brain-injured Patients | *Heritage Ballroom 3-5*

*Shraddah Mainali, MD
Virginia Commonwealth University*

8:30 AM–9:00 AM

Non-Invasive Monitoring of ICP | *Heritage Ballroom 3-5*

*Venkatakrishna Rajajee, MD
Departments of Neurosurgery & Neurology, University of Michigan, Ann Arbor*

9:00 AM–9:30 AM

Multi-modal Imaging of Acute Ischemic Stroke | *Heritage Ballroom 3-5*

*Abbigayle Doerr, APRN
Central DuPage Hospital*

9:30 AM–10:00 AM

Neuroimaging on Mobile Stroke Units | *Heritage Ballroom 3-5*

*Anne Alexandrov, PhD, CCRN, AGACNP-BC, FAAN
Professor of Nursing & Neurology, UTHSC at Memphis*

8:00 AM–8:30 AM

Neuroimaging in Pediatric Arterial Ischemic Stroke | *Citrus Room*

*Tara Mangum, DO
Phoenix Children's*

8:30 AM–9:00 AM

Neuroimaging & Management of Stroke Related to Bow Hunter Physiology | *Citrus Room*

*Todd Abruzzo, MD
Phoenix Children's*

9:00 AM–9:30 AM

Pediatric TBI Monitoring Through Serial Neuroimaging | *Citrus Room*

*Michael Kuwabara, MD, RPN
Phoenix Children's*

9:30 AM–10:00 AM

Vasospasm in Kids: You Can't Use the Same Criteria as Adults | *Citrus Room*

*Brian Appavu, MD
Phoenix Children's*

10:00 am–11:00 am

Wake Up Strokes: How to Organize Neuroimaging Services in the ED to Obtain Timely MRIs | *Heritage Ballroom 3-5*

Ryan Hakimi, DO - Co-Moderator
Peter Kalina, MD - Co-Moderator
Todd Abruzzo, MD
Joshua Klein, MD, PhD, FANA, FASN, FAAN

Mai-Lan Ho, MD
Peter Nakaji, MD
Chip Truwit, MD

11:00 am–11:30 am

Break with Exhibitors | *Orangedale Ballroom*

11:30 am–12:30 pm

Lunch Symposium Sponsored by SpinTech MRI | *Heritage Ballroom 3-5*



12:30 pm–1:00 pm

Break with Exhibitors | *Orangedale Ballroom*

1:00 pm–4:00 pm

Breakout Sessions

1:00 PM–2:30 PM

The Legacy of Vasospasm in Aneurysmal Subarachnoid Hemorrhage | *Heritage Ballroom 3-5*

Dr. Shraddha Mainali, Moderator

- Is TCD the Right Tool for Vasospasmscreening?
Gyanendra Kumar, MD
- Imaging Diagnosis of Vasospasm-CTA/CTP/DSA
Sishir Mannava, MD
- Management of Vasospasm- What's Old, What's New?
Erika Sigman, MD
- Management Strategies on the Horizon: Research and Innovation in Vasospasm
Jacqueline Kraft, MD

2:30 PM–4:00 PM

Cerebral Circulatory Arrest Symposium | *Heritage Ballroom 3-5*

- The Perennial Pertinence & Pespicity of Neurosonology in Brain Death Ancillary Testing
Gregory Kapinos, MD
- Time Dependence of TCD Findings Supporting Circulatory Arrest; Protocols, Technicalities and Special Circumstances
Aarti Sarwal, MD
- Case Based Discussion on TCD Based Scenarios for Brain death Determination—Need for a Delphi Consensus

*Jimmy Suh, MD
Aaron Anderson, MD*

*Greg Kapinos, MD
Ryan Hakimi, DO*

1:00 PM–1:30 PM

Neuroimaging Review of Anoxic Brain Injury | *Citrus Room*

*Julia Marion Carlson, MD
University of North Carolina School of Medicine*

1:30 PM–2:00 PM

Neuroimaging Review of ICH Patient: Updates from the 2022 Guidelines | *Citrus Room*

*Mark Babi, MD
Cleveland Clinic Florida*

2:00 PM–3:00 PM

MRI Findings in Patients Following Status Epilepticus: When to be Concerned | *Citrus Room*

*Masoom Desai, MD, FACNS
UNM Health Sciences Center*

3:00 PM–3:30 PM

Cerebral Venous Sinus Thrombosis: When Is Thrombectomy Indicated | *Citrus Room*

*Adnan Qureshi, MD
MU Healthcare*

3:30 PM–4:00 PM

Extracranial Internal Carotid Artery Stenting: Appropriate Care for Patient with Bilateral Stenosis | *Citrus Room*

*Camilo Gomez, MD
MU Healthcare*

4:00 pm–5:00 pm

Reception with Exhibitors | *Orangedale Ballroom*