

2022 ANVC CONFERENCE

PRE-CONFERENCE NOV. 9-10 | CONFERENCE NOV. 11-12

ORLANDO, FLORIDA



Join us, and get involved in improving quality and access to stroke care.

ASSOCIATION OF NEUROVASCULAR CLINICIANS (ANVC)

Up to 36 CEUs available (includes up to 6.25 Pharmacology hours)

MESSAGE FROM THE PROGRAM CHAIR

On behalf of the Association of Neurovascular Clinicians (ANVC), thank you for joining us for our 2022 Annual Meeting. We're excited for this live in-person conference in sunny Orlando, Florida. This conference is focused on provision of state-of-the-science, acute stroke clinical and imaging-based diagnosis, methods for determination of stroke pathogenic mechanism, acute treatment decision making, complication avoidance methods, and both primary and secondary prevention. The educational program focuses on the needs of acute and subacute stroke patients as managed by stroke system managers, nurse practitioners, clinical nurse specialists, physician assistants, stroke coordinators, stroke educators, and bedside stroke nurses.



2022 PROGRAM CHAIR

Cesar Velasco

BSN, RN, ASC-BC

2019-2022

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BECOME A MEMBER OF ANVC

Membership brings discounts, international member forums, scientific practice updates and professional networking opportunities. Additional benefits include:

- Only stroke specific professional organization for non-physicians
- Discounts for NVRN, ANVP, and ASC board certified exams
- Virtual continuing education and webinar opportunities
- Networking with highly expert stroke clinicians
- Professional membership opportunities
- Discount in NETSMART Advanced Practice Fellowship program enrollment

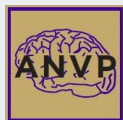


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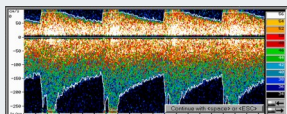
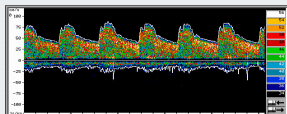
ADVANCED STROKE COORDINATOR (ASC-BC)

The ASC certification examination is the only certification that recognizes the unique and essential contributions of a stroke coordinator. Attainment of ASC-BC status demonstrates expertise in stroke competencies including understanding and mastery of skills used to diagnose stroke, evidence-based management principles for both ischemic and hemorrhagic stroke, knowledge of role history and role evolution, stroke data collection, data analysis methods, and data presentation, quality management, and principles and strategies supporting effective adult education, change mastery, and time management. Review courses supporting attainment of the ASC-BC credential are available throughout the year. Exams can be taken year-round at Prometric Test Centers.



ADVANCED NEUROVASCULAR PRACTITIONER (ANVP-BC)

The ANVP certification examination is the premier certification in acute neurovascular clinical practice for advanced practice providers (APP). Attainment of ANVP-BC status demonstrates APP expertise in the assessment, medical diagnosis by localization and neuroimaging interpretation, and hyperacute treatment decision-making for highly vulnerable acute stroke patients. The ANVP's incorporation of key pathophysiologic concepts and evolving research findings also ensures expertise in methods for establishment of stroke pathogenic mechanism with related secondary prevention knowledge and competencies. The advanced scope of practice tested by the exam has made the ANVP-BC credential an important requirement at numerous acute care practice sites that aim to use APPs in expanded roles supporting telemedicine, mobile stroke units, and stroke emergency response. Exam eligibility is supported by strict criteria, ensuring certification of clinicians capable of combining theoretical knowledge with expert hands-on clinical practice skills. Review courses supporting attainment of the ANVP-BC credential are available throughout the year. Exams can be taken year-round at Prometric Test Centers.



TRANSCRANIAL DOPPLER (TCD)

WORKSHOP & HANDS-ON PRACTICE

Transcranial Doppler (TCD) vascular imaging is a requirement for Comprehensive Stroke Centers to support stroke diagnoses, an understanding of distinct stroke pathogenic mechanisms, and to detect complications and evolving clinical conditions warranting treatment. Led by two world leaders in TCD imaging, this workshop will provide participants with an understanding of TCD technology, indications for use, and waveform interpretation, culminating in hands-on experience using the newest technology available, including TCD robotics.



CLINICAL LOCALIZATION & IMAGING CORRELATES

This course focuses on building skills in identification of clinical signs suggestive of stroke in different vascular territories with review of neuroimaging consistent with these findings.

WEDNESDAY, NOVEMBER 09, 2022

0700-0800	BREAKFAST (Hibiscus Room)	
0800-1200	PART 1: ASC REVIEW COURSE (Hibiscus Room)	
1200-1300	LUNCH Sponsored by Viz.ai (Hibiscus Room)	
1300-1700	PART 2: ASC REVIEW COURSE (Hibiscus Room)	ANVP REVIEW COURSE (Boca 8 Room)

THURSDAY, NOVEMBER 10, 2022

0700-0800	BREAKFAST (Hibiscus Room)	
0800-1200	PART 3: ASC REVIEW COURSE (Bonaire 5 Room)	ANVP CERTIFICATION EXAM (Hibiscus Room)
1200-1300	LUNCH (Hibiscus Room)	
1300-1700	ASC CERTIFICATION EXAM (Bonaire 5 Room)	
	TRANSCRANIAL DOPPLER WORKSHOP (Hibiscus Room) Andrei Alexandrov, MD Semmes-Murphey Professor and Chairman Department of Neurology at University of Tennessee Health Science Center (UTHSC) Mark Rubin, MD University of Tennessee Health Science Center (UTHSC) Department of Neurology	
	CLINICAL LOCALIZATION & IMAGING CORRELATES (Bonaire 6 Room) Anne Alexandrov, Ph.D., AGACNP-BC, ANVP-BC, NVRN-BC, CCRN, FAAN Professor of Neurology & Nursing, University of Tennessee Health Science Center (UTHSC); Chief Nurse Practitioner, UTHSC Mobile Stroke Unit Professor & NET SMART Program Director Bryan Fill, MSN, APRN-FPA, FNP-BC Neurointerventional Nurse Practitioner, Northwestern Medicine Central DuPage Hospital	



JOINT ACCREDITATION
INTERPROFESSIONAL CONTINUING EDUCATION

In support of improving patient care, this activity has been planned and implemented by Arizona State University and ANVC. Arizona State University is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC) to provide continuing education for the healthcare team.



This activity was planned by and for the healthcare team, and learners will receive 4 Interprofessional Continuing Education (IPCE) credit for learning and change.



2022 ANVC CELEBRATION DINNER

IN PALMS 2 AT THE CARIBE ROYALE ORLANDO

NOVEMBER 10 FROM 7-11 PM

\$50.00 PER ATTENDEE &

\$100 PER NON-CONFERENCE ATTENDEE

Join us for an evening of cocktails, dinner, dancing, and celebration with Neurovascular Clinicians like you! Catch up with colleagues, and network with peers dedicated to the advanced care and management of stroke patients around the world.



Registration is open to conference attendees and their guests at www.anvc.org

FRIDAY, NOVEMBER 11, 2022

0700-0815	REGISTRATION/WELCOME BREAKFAST (Caribbean 3 & 4 Room) Sponsored Breakfast by AstaZeneca (Grand Sierra C Room)
0815-0845	OPENING/PRESIDENTIAL ADDRESS (Caribbean 1 & 2 Room) Anne Alexandrov, Ph.D., AGACNP-BC, ANVP-BC, NVRN-BC, CCRN, FAAN Professor of Neurology & Nursing, University of Tennessee Health Science Center (UTHSC); Chief Nurse Practitioner, UTHSC Mobile Stroke Unit Professor & NET SMART Program Director
0845-1000	KEYNOTE: Seizures After Stroke: An Often Hidden and Lethal Threat Stephan Mayer, MD, FCCM, FNCS Professor of Neurocritical Care and Emergency Neurology Services, Westchester Medical Center Health System and Professor of Neurology and Neurosurgery at New York Medical College
1000-1030	BREAK
1030-1050	DEBATE: Perfusion Imaging, Does Every Stroke Need It? CON-Dawn Meyer PhD, RN, FNP-C, FAHA Associate Professor, Dept of Neurosciences Stroke Hospitalist Nurse Practitioner PRO-Skye Coote, NP, CCRN, MN, ANVP-BC, NVRN-BC Nursing Coordinator, Mobile Stroke Unit, The Melbourne Brain Center at the Royal Melbourne Hospital
1050-1110	DEBATE: Should Patients Get Thrombolysis Before EVT? CON-Bryan Fill, MSN, APRN-FPA, FNP-BC Neurointerventional Nurse Practitioner, Northwestern Medicine Central DuPage Hospital PRO-Elizabeth Robinson, MSN, ANP-BC, ANVP-BC Stroke Neurology Nurse Practitioner, Baptist
1110-1130	DEBATE: Should Pregnant Women Receive Thrombolysis? CON-Cara Guthrie-Chu, MSN, APRN, AGACNP-BC, ANVP-BC, CCRN Neurosciences Acute Care Nurse Practitioner, Medical City Fort Worth PRO-Adam Ganzman, MSN, RN, APN-BC, ANVP-BC, SCRNP, EMT-B Director of Neuroscience, Robert Wood Johnson University Hospital
1130-1150	Q&A SESSION
1200-1315	LUNCH (Caribbean 3 & 4 Room) Sponsored Lunch by Medtronic (Grand Sierra C Room)

FRIDAY, NOVEMBER 11, 2022 (continued)

	STROKE CENTER LEADERSHIP SESSIONS (Boca 3 Room)	PATHOPHYSIOLOGY OF STROKE SESSIONS (Boca 4 Room)
1300-1530	Lessons Learned from the IMPROVE Stroke Project Lisa Monk, MSN, RN, CPHQ Health Systems & Implementation Research, Duke Clinical Research Institute	Pathogenesis & Management of Pseudobulbar Syndrome in Stroke Brandon Baughman, Ph.D., ABPP-CN Semmes-Murphey Clinic Assistant Professor Department of Neurology at University of Tennessee Health Science Center (UTHSC)
	The Pharmacist's Role in Transition of Care Ritu Light, Pharm.D. Stroke Transitions of Care Pharmacist, Penn State Health Hershey Medical Center	It's in the Eyes: Understanding Unusual Eye-Related Stroke Symptoms Alicia Richardson, MSN, RN, ACCNS-AG, ANVP-BC, ASC-BC Clinical Nurse Specialist and Comprehensive Stroke Center Program Manager, Penn State Health Hershey Medical Center
	Navigating Corporate Politics Karen Seagraves, PhD, MPH, NEA-BC, ACNS-BC, ANP-BC, FAHA Neuroscience Administration Consultant	Reversal of Coagulopathic Hemorrhage Katherine L. March, Pharm.D., BCPS Clinical Pharmacy Specialist of Acute Stroke, PGY2 Internal Medicine Residency Coordinator at Methodist University Hospital, Assistant Professor at University of Tennessee College of Pharmacy
	Developing a NIR Lab Bryan Fill, MSN, APRN-FPA, FNP-BC Neurointerventional Nurse Practitioner, Northwestern Medicine Central DuPage Hospital	Differential Diagnosis of Vertigo Tawnae Thorsen, BSN, RN Kaiser Permanente
	It's All About the Benjamin's: Acute Stroke Economics 101 Debbie Hill, BS, FAHA Stroke Center Consultant and Advisor, Co-Founder Stroke Challenges	When the Pressure Drops: Hypoperfusion & Watershed Infarcts Tanya Frost, Stroke Clinical Nurse Consultant Eastern Health Australia Department of Neuroscience
1530-1545	BREAK	
1545-1630	KEYNOTE: Wake-up to Patients with Treatable Strokes: Extending the Thrombolysis Window (Caribbean 1 & 2 Room) Skye Coote, NP, CCRN, MN, ANVP-BC, NVRN-BC Nursing Coordinator, Mobile Stroke Unit, The Melbourne Brain Center at the Royal Melbourne Hospital	
1700-1830	WELCOME RECEPTION/POSTER PRESENTATION (Caribbean 3 & 4 Room)	



WELCOME RECEPTION & POSTER PRESENTATIONS

IN CARIBBEAN 3 & 4 AT THE CARIBE ROYALE ORLANDO

NOVEMBER 11 FROM 5-6:30 PM

The ANVC Annual Conference is the perfect venue to share original science and quality improvement in stroke care and management. Join us, as we recognize the various work submitted this year by peers demonstrating methods to improve stroke systems of care, clinical interventions, research, and innovative strategies to better develop stroke team members for the purpose of elevating stroke care.



SATURDAY, NOVEMBER 12, 2022

0700-0800	BREAKFAST (Caribbean 3 & 4 Room) Sponsored Breakfast by Chiesi (Caribbean 5 & 6 Room)
0800-0900	KEYNOTE: Palliative Care of the Stroke Patient (Caribbean 1 & 2 Room) Robert Holloway, MD, MPH Professor of Neurology, Department of Medicine, and Palliative Care and Edward A. and Alma Vollertsen Rykenboer Chair of the Department of Neurology at the University of Rochester School of Medicine
0900-1000	KEYNOTE: Snort, Shoot, Smacked: Illicit Substances and the Risk of Stroke Samarth P. Shah, Pharm.D., BCPS University of Wisconsin Hospital
1000-1015	BREAK
1015-1100	KEYNOTE: Antihypertensive Agents-What Drug for Which Patient? Anne Alexandrov, Ph.D., AGACNP-BC, ANVP-BC, NVRN-BC, CCRN, FAAN Professor of Neurology & Nursing, University of Tennessee Health Science Center (UTHSC); Chief Nurse Practitioner, UTHSC Mobile Stroke Unit Professor & NET SMART Program Director
1100-1200	KEYNOTE: One Size Fits All? Standardizing Stroke Coordinator Roles and Titles. Skye Coote, NP, CCRN, MN, ANVP-BC, NVRN-BC Nursing Coordinator, Mobile Stroke Unit, The Melbourne Brain Center at the Royal Melbourne Hospital
1200-1315	LUNCH (Caribbean 3 & 4 Room) ANVC General Assembly Board Meeting (Caribbean 1 & 2 Room 12:45-1315)
1315-1415	EXPERT PANEL: <i>If I Could Improve Stroke Center Certification, I Would...</i> Anne Alexandrov, Ph.D., AGACNP-BC, ANVP-BC, NVRN-BC, CCRN, FAAN Professor of Neurology & Nursing, University of Tennessee Health Science Center (UTHSC); Chief Nurse Practitioner, UTHSC Mobile Stroke Unit Professor & NET SMART Program Director, Memphis, Tennessee Alicia Richardson, MSN, RN, ACCNS-AG, ANVP-BC, ASC-BC Clinical Nurse Specialist and Comprehensive Stroke Center Program Manager, Penn State Health Hershey Medical Center Debbie Hill, BS, FAHA Stroke Center Consultant and Advisor, Co-Founder Stroke Challenges Wendy Dusenbury, DNP, APRN, FNP-BC, AGACNP-BC, ANVP-BC Nurse Practitioner, University of Tennessee Health Science Center (UTHSC) Michelle Whaley, MSN, CNS, CCRN, CCNS, ANVP-BC Stroke and Neurosciences Program Coordinator, Sky Ridge Medical Center Lisa Zaykoski, BSN, RN, ASC-BC, TCRN Stroke Coordinator, Commonwealth Health Regional Hospital

SATURDAY, NOVEMBER 12, 2022 (continued)

1415-1515	KEYNOTE: Pathophysiology and Bedside Screening of Swallow Dysfunction Post-Stroke Catriona M. Steele, Ph.D., S-LP, CCC-SLP, Reg. CASPLO, ASHA Fellow Senior Scientist and Director, Swallowing Rehabilitation Research Laboratory, KITE-Toronto Rehabilitation Institute-University Health Network, Professor, Speech-Language Pathology, Rehabilitation Sciences Institute, University of Toronto
1515-1530	BREAK
1530-1630	ANVC 2023: A LOOK AT WHAT'S AHEAD Anne Alexandrov, Ph.D., AGACNP-BC, ANVP-BC, NVRN-BC, CCRN, FAAN Professor of Neurology & Nursing, University of Tennessee Health Science Center (UTHSC); Chief Nurse Practitioner, UTHSC Mobile Stroke Unit Professor & NET SMART Program Director



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This activity was planned by and for the healthcare team, and learners will receive 4 Interprofessional Continuing Education (IPCE) credit for learning and change.

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¹ Tsivgoulis G, et al. Stroke. 2019;50:2175-2180.

Brief Statement

Medtronic LINQ Family Insertable Cardiac Monitor System (ICM) and Remote Monitoring

Indications: The LINQ Family of Insertable Cardiac Monitors (ICMs) which includes Reveal LINQ™ ICM and LINQ II™ ICM are insertable automatically-activated and patient-activated monitoring system that records subcutaneous ECG and is indicated in the following cases: • patients with clinical syndromes or situations at increased risk of cardiac arrhythmias • patients who experience transient symptoms such as dizziness, palpitation, syncope, and chest pain that may suggest a cardiac arrhythmia. These devices have not been tested specifically for pediatric use. **Contraindications:** There are no known contraindications for the insertion of the LINQ Family ICM's or their accessories. However, the patient's particular medical condition may dictate whether or not a subcutaneous, chronically inserted device can be tolerated. **Warnings and Precautions:** Patients with a LINQ Family ICM should avoid sources of diathermy, high sources of radiation, electrosurgical cautery, external defibrillation, lithotripsy, therapeutic ultrasound, and radiofrequency ablation to avoid electrical reset of the device, and/or inappropriate sensing as described in the Medical procedure and EMI Warnings, Precautions and Guidance Manual. MRI scans should be performed only in a specified MR environment under specified conditions as described in the LINQ II or Reveal LINQ ICM MRI Technical Manual. Wireless accessories available for use with a LINQ Family ICM may experience connectivity or performance issues. See product manuals for details and troubleshooting instructions. **Potential Adverse Events:** Potential adverse events from the LINQ Family ICM include, but are not limited to, device rejection phenomena (including local tissue reaction), device migration, infection, and erosion through the skin. There are no known adverse events associated with the use of any LINQ Family ICM wireless accessories. See the device manuals for detailed information regarding the implant procedure, indications/intended use, contraindications, warnings, precautions, and potential complications/adverse events. For further information, please call Medtronic at 800-328-2518 (Technical Services) 800-551-5544 (Patient Services), and/or consult the Medtronic website at medtronic.com. **Caution:** Federal law (USA) restricts prescription devices to sale by or on the order of a physician.

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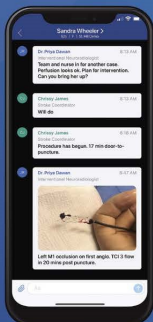
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↓86.7
Minutes saved
in workflow

Reduce Length of Stay²

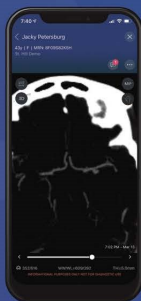


↓2.5
Day reduction
in hospital LOS

¹ Hassan, A et al. J Stroke Vasc Interv Neurol. 2022; 2:e000224. DOI: 10.1161/SVR4121.000224.6

² Hassan, A et al. Interventional Neuroradiology, 2020.

Now available for other neurovascular diseases:



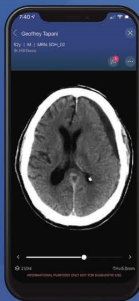
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1. Gladstone, et al., Screening for atrial fibrillation in the older population: a randomized clinical trial. *JAMA Cardiology*, 2021.
2. ZSR aggregated data, 2021



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NOTES



Save the date to join us at the

2023 ANVC CONFERENCE

LAS VEGAS, NEVADA | NOVEMBER 2023

The Association of Neurovascular Clinicians (ANVC) is dedicated to the creation of seamless neurovascular care services led by evidence-empowered clinicians, that fully support the holistic needs of patients and their families.

As the number one cause of preventable disability, neurovascular disease demands excellence in clinical services to reduce disability and death. Neurovascular clinicians depend on ANVC to empower them with knowledge and skills, because our patients deserve nothing less.



Visit www.anvc.org for more information on ANVC