

2023 North Dakota Cardiac and Stroke Conference

October 25-26, 2023

NORTH
Dakota Be Legendary.
Health & Human Services



American
Heart
Association.

Learning Objectives

- Discuss the ND Stroke and Cardiac program interventions executed in relation to the acute stroke and TIA guidelines, Acute stroke Ready Hospital, Acute Cardiac Ready Hospital, and Cardiac Ready Community designation, statewide data trends and opportunities, and recognition achieved in the GWTG Stroke and CAD Registry.
- Discuss the importance of EMS Stroke and STEMI Codes/Alerts to speed up the process and treatment for stroke and cardiac patients.
- Relate acute stroke and cardiac case studies from across ND describing ideal collaboration and teamwork in the system of care and opportunities for system improvement.
- Identify the epidemiology, common presentation, and management of patients with Spontaneous Coronary Artery Dissection (SCAD).
- Demonstrate the value of a home blood pressure monitoring program and the policies and procedures that allow integration of the program into a clinic workflow.
- Identify the clinical course and morbidity and mortality associated with heart failure, apply recommended strategies for guideline-directed medical therapy, and recognize factors that complicate appropriate diuretic dosing.
- Provide indications for an Implantable Cardioverter-Defibrillator (ICD) and explain why a patient may need to wait for device placement.
- Discuss the history of cardiac biomarkers, analytical characterization of troponin assays, and the impact of high-sensitivity troponin on cardiac care.
- Apply recommended strategies to stroke assessment screenings, severity scoring, and diagnosis of acute ischemic, hemorrhagic, and cryptogenic stroke, and how these assessments may guide destination and treatment decisions in an optimized stroke system of care.
- Demonstrate how telestroke can support clinicians in treatment decisions, identify patients eligible for thrombolytics, and discuss reasons for hesitancy in administering thrombolytic therapy.
- Discuss the Unmasking Brain Injury project launched in 2017 by the North Dakota Brain Injury Network and how it benefits brain injury survivors.
- Provide an understanding of post-stroke spasticity and the different types of treatment options available.
- Demonstrate how central retinal artery occlusion (CRAO) is presented, its pathophysiology, and the therapeutic options available.
- Demonstrate how to perform a primary assessment and skill management of stroke patients.
- Identify and discuss significant findings for chief complaint of stroke, as well as skills in meeting the objectives of the ACLS suspected stroke algorithm.
- Demonstrate the NIH Stroke scale in the assessment and acute stroke management of a patient with a suspected stroke.
- Demonstrate how to perform a primary assessment, recognize the need for emergent patient care, and interpret an ECG with ST-segment changes in an acute myocardial infarction.
- Demonstrate effective CPR in a cardiac event and how to identify the signs associated with the return of spontaneous circulation (ROSC).

Target Audience

EMS Professionals, Nurses, Physicians, Nurse Practitioners, Physician Assistants, Cardiac Coordinators, Stroke Coordinators, and Quality Improvement Professionals

Registration/Cost

There is no cost to attend. However, advanced registration is required.

To register: [Click Here](#)

Conference Agenda

October 25, 2023: Cardiac Focus

8:30-9:00 am	North Dakota Cardiac and Stroke Systems of Care Updates Christine Greff, BSN, RN, SCRN-DHHS/Emergency Medical Systems & Mindy Cook, BSN-American Heart Association
9:00-9:30 am	Cardiac Indications in EMS Amy Kruger, NRP-Metro Bismarck
9:30-10:15 am	Cardiac Biomarker History, Characterization of Troponin Assays & Impact on Cardiac Care Kristin Luckenbill, PhD, D(ABCC) and Aprille Luger, BSN, RN, CV-BC, CPHQ-Sanford Health Bismarck
10:15-11:00 am	Back to the Future-A New Paradigm in Heart Failure Management Dr. Isaac Tea, MD, MSc, FACC, FSCAI-Altru Health Grand Forks
11:00-11:45 am	Taking the Pressure Off: Empowering Patients and Assisting Providers Through Home Blood Pressure Monitoring Sarah Wirz, PharmD Candidate 2024-NDSU
11:45-12:45 pm	Lunch Break
12:45-1:30 pm	Indications for Implantable Cardioverter Defibrillator (ICD) Dr. Joya Ganguly, MD, FACP, Electrophysiologist-CHI St. Alexius Bismarck
1:30-2:15 pm	Spontaneous Coronary Artery Dissection (SCAD) Dr. Rory Farnan, MD-Essentia Health Fargo
2:15-2:45 pm	Survivor Story: My Heart Journey Hannah Grubb, BSN, RN-Essentia Health Fargo
2:45-3:00 pm	Break
3:00-3:30 pm	North Dakota Cardiac Case Reviews: Cardiac Coordinators Aprille Luger, BSN, RN, CV-BC, CPHQ-Sanford Health- Bismarck, Joan Reis, BSN, RN-CHI St. Alexius Health-Bismarck, & Ryan Telford, BSN, RN-Essentia Health-Fargo
3:30-4:15 pm	Cardiac Case: Adult Cardiac MI "There's an elephant on my chest" Tawni Harvala, Courtney Maguire, Reed Groth, and DeeAnn Werre - ND SIM
4:15-4:30 pm	Summary/Adjourn

October 26, 2023: Stroke Focus

8:30-9:00 am	North Dakota Cardiac and Stroke Systems of Care Updates Christine Greff, BSN, RN, SCR-N-ND Dept. of Health, Division of EMS & Mindy Cook, BSN-American Heart Association
9:00-9:45 am	The Impact of Implementation of the ND Stroke System of Care Shila Blend, Ph.D., RN-BC
9:45-10:30 am	Cryptogenic Stroke Dr. Cory Edwards, MD, Neurologist-Altru Health System
10:30-11:15 am	Hesitancy to give Thrombolytics and Telestroke Dr. Sunil Mutgi, MD, Neurologist- Sanford Health Fargo
11:15-12:15 pm	Lunch Break
12:15-1:00 pm	Central Retinal Artery Occlusion: Role of Hyperbaric Oxygen Therapy Dr. Olayinka David Ajayi, MD, MPH, Hyperbaric Medicine-Essentia Health Fargo
1:00-1:45 pm	Post Stroke Spasticity Management Dr. Shelley Killen, MD, Physical Medicine and Rehab- Sanford Health Bismarck
1:45-2:15 pm	Mission: Lifeline Stroke Post-Acute Care Initiative-Delivering Care Across the Continuum Janna Pietrzak, BSN, RN-American Heart Association & Alyson Downs, PhD, OTR/L, CBIS – Dakota Alpha, HIT, Inc.
2:15-2:45 pm	Unmasking Brain Injury Carly Endres, MS, CBIST-ND Brain Injury Network
2:45-3:00 pm	Break
3:00-3:45 pm	North Dakota Stroke Case Reviews Stroke Coordinators Haley Gilstad, BSN, RN, ASC-BC, CEN, SCR-N-Sanford Health- Bismarck, Holly Nissen, MSN, RN, CNRN, SCR-N, ASC-BC-Sanford Health-Fargo, Jerilyn Alexander, BSN, RN-Trinity Health-Minot, Chelsey Kuznia, BSN, RN, SCR-N-Essentia Health-Fargo, & Brannigan Hamrick, BSN, RN-CHI St. Alexius
3:45-4:30 pm	Stroke Simulation: Adult CVA “My Head is Spinning” Tawni Harvala, Courtney Maguire, Reed Groth, and DeeAnn Werre – ND SIM
4:30-4:45 pm	Summary/Adjourn

North Dakota Cardiac and Stroke Conference; 10/25/2023 – 10/26/2023;
(Internet Live Activity)

Joint Accreditation Statements



In support of improving patient care, this activity has been planned and implemented by the American Heart Association and the North Dakota Department of Health and Human Services. The American Heart Association 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.

AMA Credit Designation Statement - Physicians

The American Heart Association designates this live activity for a maximum of 13.25 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AAPA Credit Acceptance Statement – Physician Assistants

AAPA accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credit™* from organizations accredited by ACCME or a recognized state medical society. Physician assistants may receive a maximum of 13.25 hours of Category I credit for completing this program.

AANP Credit Acceptance Statement – Nurse Practitioners

American Academy of Nurse Practitioners (AANP) accepts *AMA PRA Category 1 Credit™* from organizations accredited by the ACCME.

***AMA Credit must be claimed within 6 months of attendance. Credit will no longer be available to claim after April 26, 2024.*

ANCC Credit Designation Statement - Nurses

The maximum number of hours awarded for this CE activity is 13.25 contact hours.

***ANCC Credit must be claimed within 6 months of attendance. CE credit will no longer be available to claim after April 26, 2024.*

Continuing Education Accreditation – Emergency Medical Services

This continuing education activity is approved by the American Heart Association, an organization accredited by the Commission on Accreditation of Pre-Hospital Continuing Education (CAPCE), for 13.25 Basic CEHs, activity number 23-AMHA-F1-0030.

By claiming CAPCE credit, the claimant acknowledges the following: I understand that the American Heart Association as a requirement of CAPCE accreditation will submit a record of my course completions to the CAPCE AMS. I further understand that my course completion records may be accessed by or shared with such regulators as state EMS offices, training officers, and NREMT on a password-protected, need-to-know basis. In addition, I understand that I may review my record of CAPCE-accredited course completions by contacting CAPCE.

***CAPCE credit must be claimed within 6 months of attendance. CE credit will no longer be available to claim for this activity after April 26, 2024.*

Disclosure Policy

All persons in a position to control educational content of a CE activity provided by the American Heart Association must disclose to the audience all financial relationships with ineligible companies whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients. The presence or absence of all financial relationships will be disclosed to the audience in activity materials. All unlabeled/unapproved uses of drugs or devices discussed will also be disclosed to the audience. All relevant financial relationships have been mitigated prior to the commencement of the activity.