

Start With Your Heart[®]

*Justus-Warren Heart Disease
& Stroke Prevention Task Force*

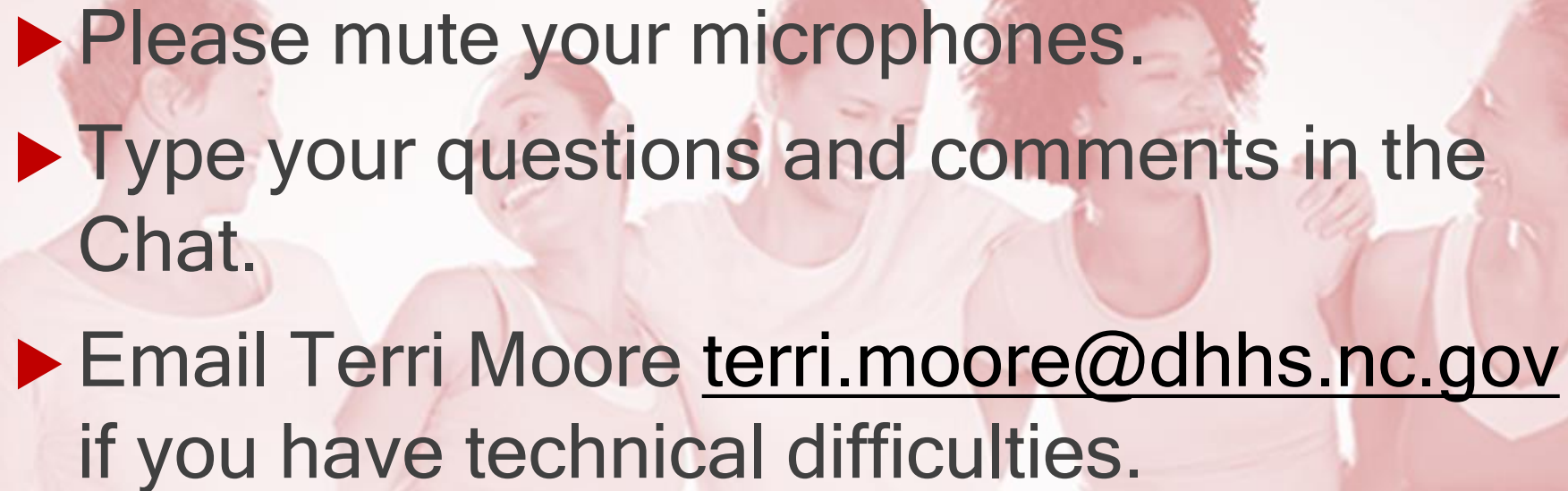


Stroke Advisory Council Meeting

May 11, 2023



Housekeeping

- 
- ▶ Please mute your microphones.
 - ▶ Type your questions and comments in the Chat.
 - ▶ Email Terri Moore terri.moore@dhhs.nc.gov if you have technical difficulties.

Agenda

- ▶ Welcome
- ▶ Approval of Minutes
- ▶ Coverdell Stroke Program Update
- ▶ Wake County EMS Stroke Care
- ▶ Stroke Response Panel
- ▶ Questions and Discussion

Coverdell Stroke Program

- ▶ Strengthen Stroke Systems of Care
- ▶ Identify and Address Disparities
 - ECU Health
 - Mission HCA
 - Northern Regional Hospital
 - Novant Health
- Stroke Registry
- Year 3 runs July 2023 - June 2024
- Stroke Coordinators' Call



^{PAUL}
Coverdell
NATIONAL ACUTE STROKE PROGRAM

Panelists

- ▶ Ed Jauch, Facilitator
- ▶ Wally Ainsworth
- ▶ Andrew Asimos
- ▶ Darrell Nelson
- ▶ Mehul Patel



STROKE and LVO Stroke EMS Triage and Destination Plan

Stroke Patient

- Signs and symptoms of an acute Stroke identified on EMS Stroke Screen Assessment.
- Last Known Well (LKW)**
- Refer to UP 14 Suspected Stroke Protocol

The Purpose of this plan:

- Use plan in conjunction with UP 14 Suspected Stroke Protocol
- Rapidly identify acute Stroke patients presenting to EMS system and minimize the time from Stroke onset to definitive care
- Rapidly identify most appropriate facility destination in region
- Provide quality EMS service and patient care to the EMS system's citizens
- Maintain performance improvement of the EMS system based on NC Stroke Performance measures

Stroke Screening Tool
Insert:
Stroke Screen Tool here

LVO Suspected Score:
Insert:
Severity Score here

Stroke Screen/Severity Tool
Insert:
Severity Tool here

Positive Stroke Screen Tool
and/or
Positive Stroke Screen/
Stroke Severity Tool

Last Known Well
> 24 Hours

Transport to Destination A or B:
Nearest facility or certified stroke center
honoring patient/family preference

NO

LVO Suspected
Stroke Severity Score
≥ X

Contraindications
to fibrinolysis?
Reperfusion Checklist
Or
See box →

Last Known Well
> 4.5 hours

Regional Stroke Centers Criteria
Absolute Contraindications to fibrinolysis
Insert:

Transport to Destination B

May transport to Destination A
If estimated transport time to Destination B
is > X minutes

NO

Transport to Destination A

May transport to Destination B
If estimated transport time to Destination A
is < X minutes
And
If total time from LKW and transport time will not
exceed 4 hours by facility arrival

DESTINATION A
Rapid / Early Notification of receiving facility
Activation of Stroke Team
Nearest Certified Stroke Center and/or
patient/family preference

Insert:
Acute Stroke Ready Center
Primary Stroke Center Facility(s) Here
Or
Thrombectomy Capable Stroke Center
Comprehensive Stroke Center Facility(s) Here

DESTINATION B
Rapid / Early Notification of receiving facility
Activation of Stroke Team
Thrombectomy Capable Stroke Center (TSC)
Comprehensive Stroke Center (CSC)

Insert:
Thrombectomy Capable Stroke Center
Comprehensive Stroke Center Facility(s) Here

Revised
09/15/2021

(Insert Name of Agency) EMS System
This protocol has been developed by the North Carolina Office of EMS

Stroke EMS Triage and Destination Plan



Suspected Stroke

History

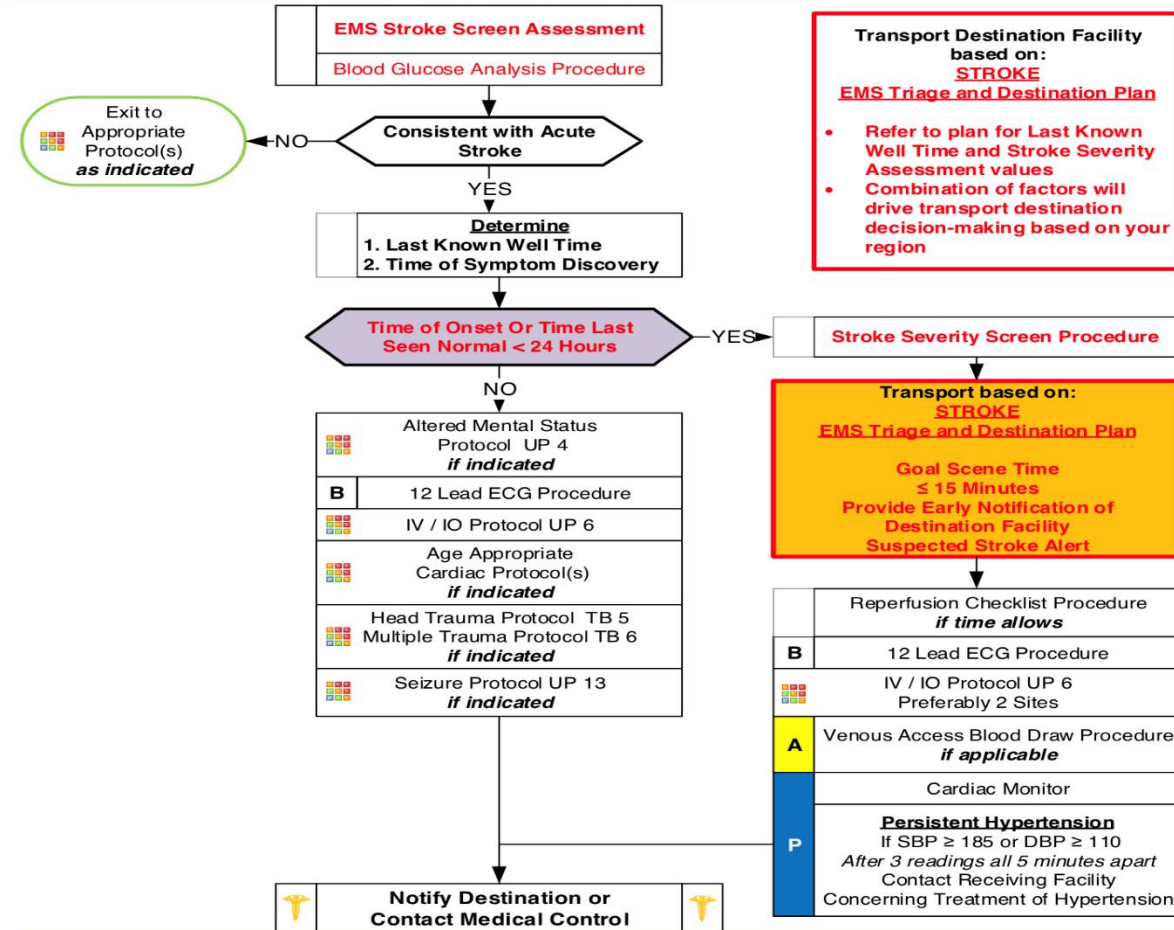
- Previous CVA, TIA's
- Previous cardiac / vascular surgery
- Associated diseases: diabetes, hypertension, CAD
- Atrial fibrillation
- Medications (blood thinners)
- History of trauma
- Sickle Cell Disease
- Immune disorders
- Congenital heart defects
- Maternal infection / hypertension

Signs and Symptoms

- Altered mental status
- Weakness / Paralysis
- Blindness or other sensory loss
- Aphasia / Dysarthria
- Syncope
- Vertigo / Dizziness
- Vomiting
- Headache
- Seizures
- Respiratory pattern change
- Hypertension / hypotension

Differential

- See Altered Mental Status
- TIA (Transient ischemic attack)
- Seizure
- Todd's Paralysis
- Hypoglycemia
- Stroke
 - Thrombotic or Embolic (~85%)
 - Hemorrhagic (~15%)
- Tumor
- Trauma
- Dialysis / Renal Failure



Universal Protocol Section