

SECTION: M-4

PROTOCOL TITLE: Adult CVA

REVISED: 15 April 2006

BLS SPECIFIC CARE: *See adult General Medical Care Protocol M-1*

- Administer Oxygen (high flow if neurological deficits or altered mental status) .
- Place patient in Semi-Fowlers position (head elevated approx. 20-30 degrees).
- Reduce any noxious stimuli, dim lights, and minimize stimulation.
- Assess patient ability to swallow and cough, maintain airway through suction.
- *Perform Cincinnati Stroke Scale Assessment.*
- Perform thrombolytic prescreening (*appendix M*) if less than 3 hours since onset. Notify receiving facility if patient meets thrombolytic criteria.
- Facilitate rapid notification of ALS and transport to an appropriate medical facility.

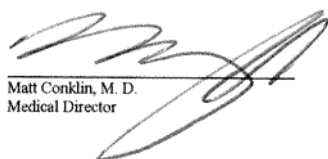
ILS SPECIFIC CARE: *See adult General Medical Care Protocol M-1*

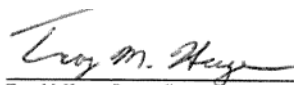
- In acute onset (**less than 3 hours**), 3 IV lines (any combination of single or multi-lumen lines) is a desirable secondary goal to facilitate possible thrombolytic care.

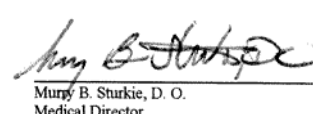
ALS SPECIFIC CARE: *See adult General Medical Care Protocol M-1*

- Monitor airway status and treat accordingly.

ADULT CVA


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Protocol M-4

ADULT CVA

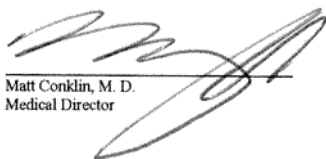
PHYSICIAN PEARLS:

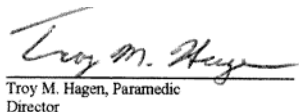
The priority shall be to minimize scene time for patients who may benefit from thrombolytic therapy. (Thrombolytic candidates must be within a 3-hour window from the onset of symptoms).

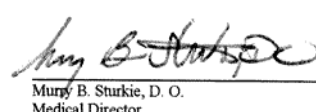
Assessment	Modified Cincinnati Stroke Assessment Findings
Facial Droop	<p>Normal</p> <ul style="list-style-type: none"> - Both sides of face move equally. - Grimace and grin are equal. <p>Abnormal</p> <ul style="list-style-type: none"> - One side of face does not move with grin or grimace. - Droop noted to forehead, corner of eyes, or corner of mouth.
Arm Drift	<p>Normal</p> <ul style="list-style-type: none"> - (With patient's eyes closed) both arms are kept equal and extended. . <p>Abnormal</p> <ul style="list-style-type: none"> - (With patient's eyes closed) one arm drifts compared to the other.
Speech	<p>Normal</p> <ul style="list-style-type: none"> - Patient uses correct words with no slurring. - Patient says "you can't teach an old dog new tricks". <p>Abnormal:</p> <ul style="list-style-type: none"> - Slurred or inappropriate words. - Repetitive words. - Acute inability to speak.

Type of CVA

	EMBOLIC	HEMORRHAGIC
SIGNS AND SYMPTOMS	New onset lateralizing/ Focal motor neurologic signs and symptoms	Decreased LOC with signs and symptoms of increased ICP and/or new decreased LOC without response to other therapies
TREATMENT	<p>Elevate the head to 20-30 degrees and keep in midline position.</p> <p>Onset less than 3 hours, rapidly alert receiving hospital.</p> <p>Early transport to an appropriate medical facility.</p> <p>Complete pre-hospital thrombolytic screening as feasible.</p>	


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