

INPATIENT ACUTE BRAIN ATTACK tPA ORDER SET

If acute onset of weakness or loss of ability to speak:

- Activate Brain Attack (Code 222) Time called: _____
- Notify Resident/Attending about potential tPA candidate. Nurse Supervisor for ICU bed
- Stat Accucheck and SpO2 (Pulse Oximetry)
- Oxygen: Nasal cannula 2 l/min
- Stat labs: CBC, CMP, PT/PTT/INR, fibrinogen level, Toxicology screen, Ethanol
- Obtain STAT non-contrast CT scan of brain. (Time to CT scan: _____ . Time scan completed: _____ Time results to MD: _____)
- Cardiac monitor
- EKG 12 lead
- Portable CXR
- Insert 2 IV saline locks
- NIH STROKE SCALE

Alteplase, Activate (tPA) Consideration:

INCLUSION CRITERIA:

- | | | |
|--------------------------|--------------------------|---|
| YES | NO | |
| <input type="checkbox"/> | <input type="checkbox"/> | Initial NIHSS score less than 4 with exception of aphasia present |
| <input type="checkbox"/> | <input type="checkbox"/> | Onset less than 3 hours |
| <input type="checkbox"/> | <input type="checkbox"/> | CT-no hemorrhage or large infarct |

EXCLUSION CRITERIA:

- Systolic BP greater than 185, Diastolic BP greater than 110 sustained
- If aggressive treatment is required to reduce BP to specified limits – then exclude
- Uncontrolled Hypotension (SBP less than 90mmHg)
- Rapidly improving neurological signs
- Isolated mild deficits-ataxia alone, dysarthria alone or minimal weakness (reference NIHSS less than 4)
- Seizure at onset time
- Previous stroke within 3 months
- History of head trauma within 3 months
- Major surgery within 14 days
- History of Intracranial Hemorrhage
- Current IC hemorrhage on CT Scan – Immediate Neurosurgery consult to Dr. _____
- GI Bleed or urinary hemorrhage within 21 days
- Arterial puncture at non-compressive site within 7 days
- On Anticoagulants or receiving Heparin within 48 hours and PTT prolonged PTT results _____ INR results _____
- Platelet counts below 100,000 Platelet results _____
- Glucose below 50 Glucose results _____
- Glucose above 400
- Recent MI

Alteplase (tPA, Activase) Candidate: Yes No **If No:** Transfer to 3A, Dr. _____ service.

Alteplase (tPA, Activase) Orders:

- Risks and benefits discussed with patient and/or family and documented in chart.
- 0.9 milligrams/kilogram x _____ weight in kilograms or a maximum of 90 milligrams IV. Total dose is _____ 10% bolus given over 1 minute IV (_____ mg) Give remaining 90% as constant infusion over 60 minutes IV.
- Admit to Critical Care Unit Dr. _____

If Onset more than 2 hours and less than 5 hours: consider transfer for Intra-arterial tPA

Onset of symptom time: _____ Transfer to _____ for intra-arterial tPA.

MD Signature _____ Date _____ Time _____

PROHIBITED ABBREVIATION	REQUIRED TERM	PROHIBITED ABBREVIATION	REQUIRED TERM
ug	Write Microgram	1.0	Write 1
qd, q.d.	Write Daily	Zero after decimal point	
qod	Write Every Other Day or Every 48 hrs	MG, MS	Write Magnesium or Morphine
U or u	Write Units	MgSO4, MSO4	Write Magnesium sulfate or Morphine sulfate
.5	Write 0.5 - make sure you use preceding 0	IU	Write International units
No zero before decimal point		OS, OD, OU	Write Left or right eye or both eyes
		AS, AD, AU	Write Left or right ear or both ears



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PATIENT LABEL



MR.ORDER

SVPOD-194 (8/09)

NATIONAL INSTITUTE OF HEALTH STROKE SCALE

Assessment	Function	Score range	Baseline	1 hour	2 hour	24 hrs	48 hrs
		DATE / TIME					
1a. LOC	Alert	0					
	Drowsy	1					
	Stuporous	2					
	Coma	3					
1b. LOC question: (month, age)	Answers both correctly	0					
	Answers one correctly	1					
	Both incorrect	2					
(open/close eyes, make fist, let go)	Obeys both	0					
	Obeys one	1					
	Both incorrect	2					
2. Best gaze eyes open-pt follows examiners finger	Normal	0					
	Partial gaze palsy	1					
	Forced deviation	2					
3. Best visual (introduce visual stimulus)	No visual loss	0					
	partial hemianopia	1					
	Complete hemianopia	2					
	Bilateral hemianopia	3					
4. Facial Palsy (show teeth, raise eyebrows)	Normal	0					
	Minor	1					
	Partial	2					
	Complete	3					
5a. Best Motor Left side arm (elevate extremity 90 degrees score drift)	No drift	0					
	Drift	1					
	Some effort against gravity	2					
	Can't resist gravity	3					
	No movement	4					
5b. Best Motor Right side (elevate extremity 90 degrees score drift)	No drift	0					
	Drift	1					
	Some effort against gravity	2					
	Can't resist gravity	3					
	No movement	4					
6a. Best Motor Left leg (elevate extremity 30 degrees score drift)	No drift	0					
	Drift	1					
	Some effort against gravity	2					
	Can't resist gravity	3					
	No movement	4					
6b. Best Motor Right leg (elevate extremity 30 degrees score drift)	No drift	0					
	Drift	1					
	Some effort against gravity	2					
	Can't resist gravity	3					
	No movement	4					
7. Limb ataxia (Finger-nose, heel down shin)	Absent	0					
	Present in upper or lower	1					
	Present in both	2					
8. Sensory (pin prick to face, arm, trunk, leg- compare sides)	Normal	0					
	Partial loss	1					
	Dense loss	2					
9. Best language (name items, describe picture, read sentences)	No aphasia	0					
	Mild-mod aphasia	1					
	Severe aphasia	2					
	Mute	3					
10. Dysarthria (Elevate speech clarity of repeated words)	Normal Articulation	0					
	Mild-mod slurring	1					
	Severe near unintelligible words	2					
11. Extinction / Inattention (use information from prior testing to identify neglect or double simultaneous stimuli testing)	No neglect	0					
	Partial neglect	1					
	Profound neglect	2					
SCORE TOTAL							



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