

KISS ACUTE ISCHEMIC STROKE ORDERS & TRANSPORT PROTOCOL

STROKE WORKUP

- Date / Time patient last known well: _____
 - Vital Signs: Minimum of every 15 minutes (with continuous O2 and cardiac monitoring)
 - O2 at 2 liters per nasal cannula: titrate for SpO2 of 94% or greater
 - Two peripheral IV's** (18 gauge preferable, one in AC)
 - Labs:** CBC, BMP, PT/INR, PTT, Blood Glucose, Troponin, and pregnancy test if applicable (*to save door to needle time, you may give tPA prior to the lab results back if patient has no HX of major liver, renal or bleeding issues and is not on Warfarin or NOAC) **POC labs acceptable**
 - Diagnostic:** CT Head Without Contrast (notify radiologist for STAT read); EKG
 - Strict NPO
 - NIH Stroke Scale Score: _____
 - Complete tPA Checklist :
 - Patient meets IV thrombolytic criteria, proceed with orders below. _____ Consult with Stroke Specialist obtained
 - IV Thrombolytic contraindicated due to _____ (cross through orders below)
 - Notify Dispatch / Transport Team
- Best Family Member Phone Number** – cell _____ -- _____ -- _____

PRE- IV THROMBOLYTIC

- Monitor BP every 15 minutes. **Keep BP < 185/110mmHg**
 - Labetalol 10 mg IVP (may repeat x 1). (Hold for HR < 60)
 - Nicardipine gtt. 5 mg/hr to max of 15 mg/hr
 - Or Antihypertensive agent of your choice
- Obtain signed informed consent.
- Weight in kilograms _____ (if unable to weigh, obtain from patient/family or average 2 estimated weights)

IV THROMBOLYTIC PREP / ADMINISTRATION

Calculations Checked by: (2 initials) _____ & _____

Activase (alteplase):

- Mix alteplase with sterile water as provided by manufacturer to a concentration of 1 mg/mL
- Calculate Total Dose (bolus + infusion) (0.9 mg/kg) = _____ (max of 90 mg)
- Waste unneeded tPA portion (100 mg – total dose) = _____ mg.
- Administer Bolus Dose (10% of total dose) over 1 minute IV push (total dose x 0.1) = _____ mg.
 - o Time Given: _____
- Administer Infusion Dose as a secondary infusion over 1 hour.
 - Infusion Dose: 90% of total dose (total dose x 0.9) = _____ mg. / Time Started: _____
- Flush alteplase remaining in IV tubing with NS (use same rate as alteplase infusion).

OR

TNKase (tenecteplase):

- Dilute tenecteplase with 10mL of sterile water (concentration = 5 mg/mL) and swirl to mix
- Calculate Dose (0.25 mg/kg) = _____ (max of 25 mg or 5 mL)
- Withdraw appropriate volume of dose and discard remainder
- Flush IV line with saline before and after tenecteplase administration
- Administer Dose over 5-10 second IV push / Time Given: _____

DURING INFUSION / POST INFUSION / TRANSPORT PREPARATION:

- Monitor Vital Signs every 15 minutes.
 - Keep **SBP <180mmHg, DBP <105 mmHg**, (stop thrombolytic if unable to maintain SBP <180 or DBP <105 constantly)
 - Labetalol 10 mg IVP (may repeat x 1). (Hold for HR < 60)
 - Nicardipine gtt. 5 mg/hr to max of 15 mg/hr
 - Keep SBP > 100: May try NS 500ml IVF bolus as an initial option
 - Monitor Neuro Checks every 15 minutes.
 - If sudden change in baseline mental status, acute headache, or vomiting, STOP infusion. Call Med Control
- Monitor for Adverse Reactions e.g. Angioedema (follow anaphylactic management or protocol) or Hemorrhagic Complications (Abdominal and/or flank pain, hemoptysis, hematemesis, shortness of breath/rales/rhonchi)
 - If noted, STOP IV Thrombolytic infusion & Call Medical Control

CAUTIONS

- NO Anticoagulation or Antiplatelet Therapy for 24 hours
- No Foley insertion/re-insertion, central venous line placement or arterial puncture at a non-compressible site for at least 24 hours after IV Thrombolytic
- Avoid insertion of nasogastric tube for 6-8 hours after IV Thrombolytic administration
- Send copy of CT Head Scan (do not delay transport-report can be faxed)
- Send patient records with documentation of allergies, current medications, past medical history (can be faxed)
**all that is needed is the EMTALA paperwork with patient—DO NOT DELAY TRANSFER FOR COPY OF RECORDS

Telephone order from Dr. _____

Nursing signature: _____ Date: _____ Time: _____

Provider Signature: _____ Date: _____ Time: _____

PATIENT IDENTIFICATION

TEMPLATE