

Thrombolytics in Acute Ischemic Stroke

Inclusion Criteria:

- Ischemic stroke with a measurable defect on NIHSS
- Clearly defined time of onset within 3 hours of start of treatment
- Age > 18 years

Exclusion Criteria:

ABSOLUTE:

- Hemorrhage on CT
- Possible SAH (seizure at onset)
- Bleeding diathesis
 - platelet <100,000
 - INR \geq 1.7
 - LMWH or Heparin with increased PTT
- BP > 185/110 at time of treatment
- Neurosurgery / major head trauma within 3 months
- History of ICH, AVM, Aneurysm, Intracranial Neoplasm
- Major surgery or recent trauma within 14 days
- Lumbar puncture within 7 days
- Active internal bleeding (GI/GU) within 21 days

RELATIVE:

- Rapidly improving status
- Minor symptoms
- Recent LP
- Glucose <50 or >400
- Pregnant
- Early signs of infarct (edema, sulcal effacement, mass effect) on CT

Dosing of r-tPA for Ischemic Stroke

- The recommended dose of r-tPA for the treatment of ischemic stroke is 0.9 mg/kg (actual body weight), with a maximum dose of 90 mg.
- INITIAL BOLUS DOSE: 10% of total dose is to be administered over 1-2 minutes
- INFUSION DOSE: the remaining 90% of the calculated dose is to be administered by continuous infusion over 60 minutes

TOTAL DOSE: _____mg

BOLUS DOSE: _____mg

INFUSION DOSE: _____mg

MD Signature