

OHSU Acute Stroke CHECK LIST

ACUTE STROKE ACTIVATION

If symptom onset less than 12 hours have the ECC (Emergency Communication Center) contact the Stroke Team (pager 12600) immediately and complete the following workup:

- Door to CT < 25 minutes
- Door to CBC, INR, PTT, BMS results < 45 minutes
- Door to CXR and 12 lead ECG results < 45 minutes, if indicated
- Place 18G IV, (2nd 18G IV needed if thrombolysis or angio candidate)
- GOAL: Door to thrombolytics and/or angiography < 60 minutes

ED ARRIVAL

DATE _____ TIME _____

Time Line	Check off EST Wt. (Kg)	Start Times
0-10 minutes	<input type="checkbox"/>	ED Physician evaluate, activate Stroke Team via ECC Communications Center.
	<input type="checkbox"/>	Notify CT of emergent CT without contrast.
	<input type="checkbox"/>	Initiate 18G IV (2 IV's needed if thrombolysis or angio candidate).
	<input type="checkbox"/>	Obtain and send labs (CBC, INR, PTT, BMS; POCT glucose, unless EMS value available).
< 25 minutes	<input type="checkbox"/>	Complete CT without contrast.
< 45 minutes	<input type="checkbox"/>	Stroke Team Physician review CT & lab results.
	<input type="checkbox"/>	12 lead EKG completed, if clinically indicated.
	<input type="checkbox"/>	CXR completed, if clinically indicated.
< 60 minutes	<input type="checkbox"/>	Stroke Team Physician to determine whether IV thrombolytics to be given.
	<input type="checkbox"/>	Stroke Team Physician to determine whether patient to go to angio suite & contacts the INR Attending via the ECC; the INR Attending activates the rest

No food, fluid, or medications by mouth until a dysphagia screening has been completed and documented (see Bedside Nurse Swallow Screen, Cog/Neuro section of ED RN Advanced.



Alteplase (tPA) Mixing Instructions for Acute Ischemic Stroke

Dosing Information for t-PA in Acute Ischemic Stroke

The recommended dose of t-PA for acute ischemic stroke is 0.9 mg/kg (maximum 90 mg) infused over 60 minutes with 10% of the total dose administered as an initial intravenous bolus over 1 minute.
THE DOSE FOR TREATMENT OF ACUTE ISCHEMIC STROKE SHOULD NOT EXCEED 90 MG.

Instructions for dilution and administration

NOTE: t-PA to be prescribed and administered only under the direct supervision of the Stroke Team.

The recommended dose of t-PA for acute ischemic stroke is 0.9 mg/kg (maximum 90 mg) infused over 60 minutes with 10% of the total dose administered as an initial intravenous bolus over 1 minute (see t-PA dosing chart).

1. Obtain patient weight (can be estimated weight or stated weight from patient or family member).
2. Calculate dosage using dosing table and patient's weight.
3. Go to Pyxis in the main nursing station (Pod 1) and obtain Alteplase 100 mg vial of powdered medication, 100 mL sterile diluent, and packaged spike.
4. Spike diluent first, then take powder vial and put on the other end of the spike. Invert and let diluent run in completely.
5. Remove spike. Rotate glass vial GENTLY to dissolve medication completely.
6. Using a 10 mL syringe and 18G needle, draw up 10% of total dose to be given as an IV bolus over one minute.
7. Hang remaining dose with vented tubing and infuse over one hour using an IV pump.
8. Monitor dose administration carefully as total dose is weight-based (0.9 mg/kg or a maximum of 90 mg), so not all the liquid in the vial will be administered.