## Acute Stroke IV Thrombolytic Checklist

### Checklist reviewed with
- ✔ Patient
- ✔ Family, friend or DPOA
- ✔ Medical records (at minimum imaging and discharge summaries from the last 3 months)

### IV Alteplase Patient Selection Criteria (Inclusion Criteria)
- ✔ Age ≥ 18
- ✔ Clinical diagnosis of ischemic stroke with a disabling neurological deficit
- ✔ Time of “last known well” established to be less than 4.5 hours before treatment would begin

**Last Known well date/Time:** __________________/____:______

### Contraindications
- ✔ Evidence of acute intracranial hemorrhage, major early infarct signs (ex. Substantial edema, mass effect, midline shift, hypodensity or age indeterminate infarct), or intra-axial neoplasm
- ✔ Clinical presentation or signs and symptoms suggestive of subarachnoid hemorrhage
- ✔ Arterial vascular malformation, Giant or unsecured intracranial aneurysms
- ✔ Ischemic stroke within 3 months
- ✔ History of intracranial hemorrhage or intra-axial neoplasm
- ✔ Severe head trauma, intracranial or intraspinal surgery within the last 3 months
- ✔ GI malignancy or recent bleeding event within the last 21 days
- ✔ Platelet count <1000,000/mm3, INR >1.7, aPTT > 40s, or PT >15s. (Alteplase can be initiated prior to results and then discontinued if any of the above criteria is met)
- ✔ Low molecular weight heparin within 24 hours
- ✔ Thrombin or factor Xa inhibitors (novel oral anticoagulants) within 48 hours
- ✔ Currently receiving Glycoprotein IIb/IIIa receptor inhibitors (Integrilin)
- ✔ Infective Endocarditis
- ✔ Aortic Arch Dissection
- ✔ SBP >185 or DBP >110 despite aggressive treatment

### Considerations
- ✔ Mild non-disabling stroke symptoms
- ✔ Major surgery or trauma within 14 days
- ✔ Dural or arterial puncture of a non-compressible site within 7 days
- ✔ Abnormal blood glucose (<50 or >400 mg/DL) despite treatment
- ✔ Known or suspected extracranial cervical or intracranial arterial dissection
- ✔ Known bleeding diathesis (hepatic or renal dysfunction, hematological disorder)
- ✔ Pregnancy or postpartum < 14 days
- ✔ Menstruation with menorrhagia (If significant anemia or hypotension consider consult with GYN)
- ✔ Extra-axial neoplasm
- ✔ Acute pericarditis, Left atrial/ventricular thrombus (consult with CV)
- ✔ Systemic malignancy and life expectancy > 6 months
- ✔ Diabetic hemorrhagic retinopathy or other hemorrhagic ophthalmic conditions

### IV Alteplase 3-4.5 Hour Considerations
- ✔ Age ≥ 80
- ✔ History of stroke AND diabetes
- ✔ Any anticoagulation use prior to admission
- ✔ NIHSS ≥ 25

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**Signature**  
**Date**  
**Time**