

**KISS Acute Stroke Patient Selection (Alteplase Checklist)**

**Patient Selection Criteria**

\_\_YES \_\_NO Age 18 or over

\_\_YES \_\_NO Clinical Diagnosis of Ischemic Stroke with a measurable focal neurologic deficit NIHSS \_\_\_\_\_\_\_\_\_\_

\_\_YES \_\_NO Time of “Last Known Well” established less than 4.5 hours before treatment would begin; Date and Time\_\_\_\_\_\_\_\_

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**Contraindications**

\_\_YES \_\_NO Time of onset of symptoms or last known well is greater than 4.5 hours

\_\_YES \_\_NO SBP > 185 or DBP is > than 110mmHG despite treatment

\_\_YES \_\_NO Recent significant head trauma ( < 3 MO )

\_\_YES \_\_NO Recent Intracranial or Spinal surgery ( < 3 MO )

\_\_YES \_\_NO CT findings of ICH or SAH

\_\_YES \_\_NO Use of thrombin inhibitors or direct factor Xa inhibitors in past 48 hours

\_\_YES \_\_NO Therapeutic dose of LMWH administered within the last 24 hours

\_\_YES \_\_NO CT findings with major infarct signs/hypoattenuation greater than 1/3 of cerebral hemisphere

\_\_YES \_\_NO Infectious endocarditis

\_\_YES \_\_NO GI malignancy or GI bleed within 21 days

\_\_YES \_\_NO Aortic arch dissection

\_\_YES \_\_NO Platelets < 100,000, PTT > 40 sec after heparin use of INR > 1.7, or known bleeding diathesis

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**Considerations**

\_\_YES \_\_NO Care team unable to determine eligibility

\_\_YES \_\_NO Cortical microbleeds on previous MRI greater than 10

\_\_YES \_\_NO Recent active internal bleeding

\_\_YES \_\_NO Presence of intracranial conditions that may increase risk of bleeding like brain aneurysm (greater than 10mm

and unsecured), vascular malformation and some brain neoplasms

\_\_YES \_\_NO Increased risk of bleeding due to co-morbid conditions (ex: hemorrhagic diabetic retinopathy, liver/renal disease)



\_\_YES \_\_NO Symptoms suggest subarachnoid hemorrhage

\_\_YES \_\_NO History of previous intracranial hemorrhage

\_\_YES \_\_NO History of ischemic stroke less than 3 months

\_\_YES \_\_NO Major surgery or serious trauma (< 14 days)

\_\_YES \_\_NO Left heart thrombus

\_\_YES \_\_NO Life expectancy < 1 year or severe co-morbid conditions

\_\_YES \_\_NO Pregnancy and recent delivery

\_\_YES \_\_NO Recent AMI < 3 months

\_\_YES \_\_NO Recent lumber puncture (less than 7 days)

\_\_YES \_\_NO Arterial puncture of non-compressable blood vessel in previous 7 days

\_\_YES \_\_NO Rapidly resolving symptoms

**Additional Considerations for patients treated between 3—4.5 hours**

\_\_YES \_\_NO Age > 80

\_\_YES \_\_NO Prior stroke and diabetes

\_\_YES \_\_NO Any anticoagulant use prior to admission (even if INR < 1.7)

\_\_YES \_\_NO NIHSS > 25

\_\_YES \_\_NO CT findings > 1/3 MCA

**Other factors**

\_\_YES \_\_NO IV or IA tPA (Activase/Alteplase) given at outside hospital

\_\_YES \_\_NO Patient/Family refused treatment