

## Alteplase (t-PA) Checklist for Acute Ischemic Stroke

**INCLUSION CRITERIA:** (Any checked NO disqualifies patient for Alteplase (t-PA))

Yes	No	
<input type="checkbox"/>	<input type="checkbox"/>	Diagnosis of acute stroke causing measurable neurological deficit.
<input type="checkbox"/>	<input type="checkbox"/>	Symptoms start less than four and a half (<4.5) hours ago.
<input type="checkbox"/>	<input type="checkbox"/>	Patient > 18 years old.

**EXCLUSION CRITERIA:** (Any checked YES, ***MAY*** \*disqualify patient for Alteplase (t-PA))

### Historical

Yes	No	
<input type="checkbox"/>	<input type="checkbox"/>	Significant head trauma or stroke in past three (3) months.
<input type="checkbox"/>	<input type="checkbox"/>	History of previous intracranial hemorrhage.
<input type="checkbox"/>	<input type="checkbox"/>	Known history of aneurysm, AVM or brain neoplasm
<input type="checkbox"/>	<input type="checkbox"/>	Arterial puncture at non-compressible site within seven (7) days.
<input type="checkbox"/>	<input type="checkbox"/>	History of recent intracranial or intra-spinal surgery.

### Clinical

Yes	No	
<input type="checkbox"/>	<input type="checkbox"/>	Symptoms suggestive of subarachnoid hemorrhage.
<input type="checkbox"/>	<input type="checkbox"/>	Sustained BP greater than 185 systolic or 110 diastolic, despite treatment.
<input type="checkbox"/>	<input type="checkbox"/>	Active internal bleeding.

### Hematological

Yes	No	
<input type="checkbox"/>	<input type="checkbox"/>	Platelet count less than 100,000/mm <sup>3</sup>
<input type="checkbox"/>	<input type="checkbox"/>	Current anti-coagulant use with INR > 1.7, PT > 15 sec.
<input type="checkbox"/>	<input type="checkbox"/>	Use of heparin within 48 <sup>o</sup> resulting in abnormally elevated aPTT above the upper limit of normal.
<input type="checkbox"/>	<input type="checkbox"/>	Current use of direct thrombin inhibitors or direct factor Xa inhibitors with elevated sensitive laboratory tests (eg aPTT, INR, platelet count ECT, TT, or appropriate factor Xa activity assays)
<input type="checkbox"/>	<input type="checkbox"/>	Blood glucose concentration <50mg/dl

### Imaging

Yes	No	
<input type="checkbox"/>	<input type="checkbox"/>	Head CT evidence of hemorrhage.
<input type="checkbox"/>	<input type="checkbox"/>	CT demonstrates multilobar infarction with hypodensity > 1/3 of cerebral hemisphere.

**RELATIVE EXCLUSIONS** (Recent experience suggests that under some circumstances, with careful consideration and weighting of risk to benefit, patients may receive fibrinolytic therapy despite  $\geq 1$  relative contraindications. Consider risk to benefit of intravenous Alteplase (t-PA) administration carefully if any of these relative contraindications is present.

Yes	No	
<input type="checkbox"/>	<input type="checkbox"/>	Only minor or rapidly improving symptoms (resolving spontaneously)
<input type="checkbox"/>	<input type="checkbox"/>	Surgery or trauma within the past 2 weeks.
<input type="checkbox"/>	<input type="checkbox"/>	Seizure at onset with postictal residual neurological impairment
<input type="checkbox"/>	<input type="checkbox"/>	Gastrointestinal or urinary bleeding in the last 21 days.
<input type="checkbox"/>	<input type="checkbox"/>	Myocardial infarction within the last 3 months.
<input type="checkbox"/>	<input type="checkbox"/>	Pregnancy

\*A physician experienced in acute stroke care can modify this list.