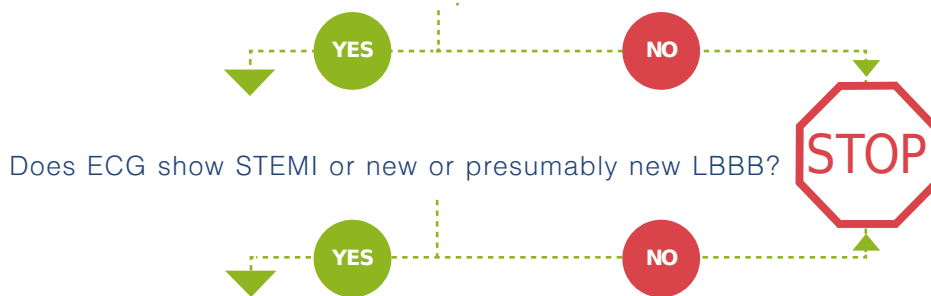


Fibrinolytic Checklist for STEMI*

Has patient experienced chest discomfort for greater than 15 minutes and less than 12 hours?



Are there contraindications to fibrinolysis? If **ANY** one of the following is checked **YES**, fibrinolysis **MAY** be contraindicated. **

	YES	NO
<input type="radio"/> Systolic BP >180 to 200 mm Hg or diastolic BP > 100 to 110 mm Hg	<input type="radio"/>	<input type="radio"/>
<input type="radio"/> Right vs left arm systolic BP difference > 15 mm Hg	<input type="radio"/>	<input type="radio"/>
<input type="radio"/> History of structural central nervous system disease	<input type="radio"/>	<input type="radio"/>
<input type="radio"/> Significant closed head/facial trauma within the previous 3 months	<input type="radio"/>	<input type="radio"/>
<input type="radio"/> Stroke >3 hours or <3 months	<input type="radio"/>	<input type="radio"/>
<input type="radio"/> Recent (within 2-4 weeks) major trauma, surgery (including laser eye surgery), GI/GU bleed	<input type="radio"/>	<input type="radio"/>
<input type="radio"/> Any history of intracranial hemorrhage	<input type="radio"/>	<input type="radio"/>
<input type="radio"/> Bleeding, clotting problem, or blood thinners	<input type="radio"/>	<input type="radio"/>
<input type="radio"/> Pregnant female	<input type="radio"/>	<input type="radio"/>
<input type="radio"/> Serious systemic disease (eg, advanced cancer, severe liver or kidney disease)	<input type="radio"/>	<input type="radio"/>

Is patient at high risk? If **ANY** one of the following is checked **YES**, consider transfer to PCI facility.

	YES	NO
<input type="radio"/> Heart rate ≥100/min AND systolic BP <100 mm Hg	<input type="radio"/>	<input type="radio"/>
<input type="radio"/> Pulmonary edema (rales)	<input type="radio"/>	<input type="radio"/>
<input type="radio"/> Signs of shock (cool, clammy)	<input type="radio"/>	<input type="radio"/>
<input type="radio"/> *** Contraindications to fibrinolytic therapy	<input type="radio"/>	<input type="radio"/>
<input type="radio"/> Required CPR	<input type="radio"/>	<input type="radio"/>

* O'Connor RE, Brady W, Brooks SC, Diercks D, Egan J, Ghaemmaghani C, Menon V, O'Neil BJ, Travers AH, Yannopoulos D. "Part 10: acute coronary syndromes:2010 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care". Circulation. 2010;122(suppl 3):S787-S817. http://circ.ahajournals.org/content/122/18_suppl_3/S787

** Contraindications for fibrinolytic use in STEMI consistent with "Thrombolytic Therapy and Balloon Angioplasty in Acute ST Elevation Myocardial Infarction (STEMI)" at Agency for Healthcare Research and Quality National Guideline Clearinghouse (www.Guidelines.gov).

*** Consider transport to primary PCI facility as destination hospital.

Contraindications for fibrinolytic use in STEMI consistent with ACC/AHA 2007 Focused Update*



Absolute Contraindications**

- Any prior intracranial hemorrhage
- Known structural cerebral vascular lesion (eg, arteriovenous malformation)
- Known malignant intracranial neoplasm (primary or metastatic)
- Ischemic stroke within 3 months **EXCEPT** acute ischemic stroke within 3 hours
- Suspected aortic dissection
- Active bleeding or bleeding diathesis (excluding menses)
- Significant closed head trauma or facial trauma within 3 months



Relative Contraindications

- History of chronic, severe, poorly controlled hypertension
- Severe uncontrolled hypertension on presentation (SBP >180 mm Hg or DBP >110 mm Hg) ***
- History of prior ischemic stroke >3 months, dementia, or known intracranial pathology not covered in contraindications
- Traumatic or prolonged (>10 minutes) CPR or major surgery (< 3 weeks)
- Recent (within 2 to 4 weeks) internal bleeding
- Noncompressible vascular punctures
- For streptokinase/anistreplase: prior exposure (>5 days ago) or prior allergic reaction to these agents
- Pregnancy
- Active peptic ulcer
- Current use of anticoagulants: the higher the INR, the higher the risk of bleeding

* O'Connor RE, Brady W, Brooks SC, Diercks D, Egan J, Ghaemmaghami C, Menon V, O'Neil BJ, Travers AH, Yannopoulos D. "Part 10: acute coronary syndromes:2010 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care". Circulation. 2010;122(suppl 3):S787-S817. http://circ.ahajournals.org/content/122/18_suppl_3/S787

** Viewed as advisory for clinical decision making and may not be all-inclusive or definitive.

*** Could be an absolute contraindication in low-risk patients with myocardial infarction.