### ACS Thrombolytic Therapy – Inclusion/Exclusion Criteria

#### Inclusion Criteria (For Thrombolysis, patient must have all four)
- [ ] Yes  [ ] No  Characteristic chest pain lasting more than 30 minutes
- [ ] Yes  [ ] No  ST elevation greater than 1 mm in two or more contiguous limb leads, new complete left bundle branch block, or ST elevation greater than 2 mm in more than 2 contiguous precordial leads
- [ ] Yes  [ ] No  Onset of chest pain 12 hours or less before expected start of infusion
- [ ] Yes  [ ] No  No contraindications to thrombolytic therapy (see Exclusion Criteria below)

#### Exclusion Criteria

If answer to any #1 questions is yes – DO NOT ADMINISTER thrombolytic therapy

1a  [ ] Yes  [ ] No  Is there evidence of aortic dissection? Tearing mid scapular pain, radiating to lower back, BP difference R-L arm greater than 15 mmHg, pulse deficits, mediastinal widening

1b  [ ] Yes  [ ] No  Is there evidence of pericarditis? Chest pain with pleuritic component, worse in recumbent position, pericardial rub, typical ECG appearance

1c  [ ] Yes  [ ] No  Is there evidence of active bleeding? Current Hemoptysis, Hematemesis, rectal bleeding, melena stool, current trauma with blood loss, obvious bleeding

If the answer to any #2 question is yes, the relative risks and benefits should be considered prior to initiating thrombolytic therapy

2a  [ ] Yes  [ ] No  Has there ever been a proven/suspected cerebral hemorrhage?

2b  [ ] Yes  [ ] No  Is there a proven/suspected intracerebral malignancy?

2c  [ ] Yes  [ ] No  Is there a proven/suspected intracerebral A-V malformation?

2d  [ ] Yes  [ ] No  Has there been a proven non-hemorrhagic CVA in the past 6 months?

2e  [ ] Yes  [ ] No  Has there been a GI bleed in the past 6 months? Hematemesis, melena, rectal bleed, positive stool for occult blood?

2f  [ ] Yes  [ ] No  Has there been major surgery, organ biopsy or puncture of a non-compressible vessel in past 2 – 4 weeks?

2g  [ ] Yes  [ ] No  Has there been prolonged CPR with chest trauma in past 2 – 4 weeks?

2h  [ ] Yes  [ ] No  Has there been multiple trauma in the past 2 – 4 weeks?

2i  [ ] Yes  [ ] No  Has there been any head trauma in the past 2 – 4 weeks?

2j  [ ] Yes  [ ] No  Is there diabetic proliferative retinopathy?

2k  [ ] Yes  [ ] No  Is there severe uncontrolled hypertension? Systolic greater than 180 or Diastolic greater Than 110?

2l  [ ] Yes  [ ] No  Is there a history of bleeding diathesis, unexplained or prolonged bleeding, hemophilia or factor deficiencies, platelet disorders?

2m  [ ] Yes  [ ] No  Is there a history of significant liver dysfunction or kidney disease?

2n  [ ] Yes  [ ] No  Is there a current diagnosis of cancer?

2o  [ ] Yes  [ ] No  Is the patient, or could the patient be pregnant?

2p  [ ] Yes  [ ] No  Is the duration of this infarct pain greater than 12 hours?
ACS Thrombolytic Therapy – Inclusion/Exclusion Criteria

**COMPLETE**

- Height and Weight documented on chart
- ASA 2 chewable tablets STAT
- ECG STAT
- Start 2 Saline Locks #18 Gauge
- Reviewed Authorized Provider’s checklist for ineligibility
- Authorized Provider discussed complications and actions with patient and/or substitute decision maker
- Ensure blood drawn before thrombolytics given
  (CBC, Electrolytes, Creatinine, Glucose random, PTT, INR, CK, Troponin, Group and Screen)
- Apply pressure to all puncture sites for a minimum of 10 minutes prior to administration and 24 hours or longer as indicated post thrombolytic administration
- Apply pressure dressing after any discontinuation of lines and/or vessel punctures
- Note: Check with Authorized Provider for catheter order prior to thrombolytics
- Baseline Neurovitals then Q2H x 24 hours
- ECG 60 minutes post thrombolytic infusion
- Follow Thrombolytic Orders

<table>
<thead>
<tr>
<th>Age</th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>21 – 25</td>
<td>Greater than 345</td>
<td>Greater than 295</td>
</tr>
<tr>
<td>26 – 30</td>
<td>Greater than 330</td>
<td>Greater than 280</td>
</tr>
<tr>
<td>31 – 35</td>
<td>Greater than 315</td>
<td>Greater than 270</td>
</tr>
<tr>
<td>36 – 40</td>
<td>Greater than 300</td>
<td>Greater than 255</td>
</tr>
<tr>
<td>41 – 45</td>
<td>Greater than 285</td>
<td>Greater than 245</td>
</tr>
<tr>
<td>46 – 50</td>
<td>Greater than 270</td>
<td>Greater than 230</td>
</tr>
<tr>
<td>51 – 55</td>
<td>Greater than 255</td>
<td>Greater than 220</td>
</tr>
<tr>
<td>56 – 60</td>
<td>Greater than 245</td>
<td>Greater than 210</td>
</tr>
<tr>
<td>61 – 65</td>
<td>Greater than 230</td>
<td>Greater than 200</td>
</tr>
<tr>
<td>66 – 70</td>
<td>Greater than 210</td>
<td>Greater than 190</td>
</tr>
<tr>
<td>71 – 75</td>
<td>Greater than 195</td>
<td>Greater than 175</td>
</tr>
<tr>
<td>76 – 80</td>
<td>Greater than 185</td>
<td>Greater than 165</td>
</tr>
<tr>
<td>81 – 85</td>
<td>Greater than 170</td>
<td>Greater than 150</td>
</tr>
<tr>
<td>86 – 90</td>
<td>Greater than 155</td>
<td>Greater than 140</td>
</tr>
</tbody>
</table>