

**Conway Medical Center**  
Conway, South Carolina

**Physician's Orders**  
**IV tenecteplase (TNKase)**  
**(ICU/ER/Cath Lab only)**

Center Patient Admission  
Label Here

Another brand of drug identical in form and content may be dispensed unless checked. ☐

Drug Allergies:

Pt Weight: \_\_\_\_\_ kg

Drug  
Information

Tenecteplase binds to fibrin in a thrombus and converts plasminogen to plasmin which digests fibrin and dissolves the clot. Onset of action is prompt and terminal half-life is 90-130 minutes.

Indications

Acute S-T Elevation MI

Risk  
Assessment  
(To be  
completed by  
physician)

**A. - Absolute Contraindications**

CVA – Hemorrhagic (at any time)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
CVA – thrombotic or embolic (less than 1 year)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
TIA (less than 1 Year)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Known intracranial neoplasm, AV malformation, or aneurysm	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Active internal bleeding (excluding menses)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Aortic dissection (known or suspected)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Head trauma (less than 1 month)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Pericarditis (known or suspected)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

**B. - Relative Contraindications – increased risk of systemic or peripheral bleeding**

Current anticoagulant use (with PT-INR greater than 1.7)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Known bleeding diathesis (primary or secondary)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Non-compressible vascular puncture (less than 10 days)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Internal bleeding (less than 4 weeks)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Pregnancy	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Peptic ulcer disease – active	<input type="checkbox"/> Yes	<input type="checkbox"/> No
CPR greater than 10 minutes	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Trauma (less than 4 weeks)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Major surgery (less than 3 weeks)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

**C. - Relative Contraindications – increased risk of intracranial bleeding**

Severe uncontrolled hypertension on presentation (SBP greater than 180 or DBP greater than 110)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Recent thrombotic /embolic CVA (greater than 1 year)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Chronic severe hypertension history	<input type="checkbox"/> Yes	<input type="checkbox"/> No

**D. - Cautions – increased risk of bleeding**

History of hemorrhagic diabetic retinopathy	<input type="checkbox"/> Yes	<input type="checkbox"/> No
CPR less than 10 minutes	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Age greater than 75	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Female sex	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Small body size	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Center Patient Admission  
Label Here

## Physician's Orders

### IV tenecteplase (TNKase)

(ICU/ER/Cath Lab only)

Monitoring	<input checked="" type="checkbox"/> Continuous EKG monitoring <input checked="" type="checkbox"/> NIBP, HR, RR q10 minutes x 1 hour, then hourly vitals per ICU protocol <input checked="" type="checkbox"/> Neuro checks q1 hour x 4, q2 h x 2 then q4h for a total of 24 hours from administration <input checked="" type="checkbox"/> 12 lead EKG <b>30</b> minutes after dose _____time <input checked="" type="checkbox"/> 12 lead EKG <b>60</b> minutes after dose _____time
Concentration	Mix as directed with diluent provided in package immediately prior to administration
Dose	<input checked="" type="checkbox"/> Prior to administration insert 3 large bore IV's (one dedicated to blood sampling) <input checked="" type="checkbox"/> Administer tenecteplase (TNKase) IVP over 5 seconds – weight based dose as follows: <div style="margin-left: 100px;">             &lt; 60 kg --- 30 mg              60-69 kg – 35 mg              70-79 kg – 40 mg              80-89 kg – 45 mg              &gt; 90 kg -- 50 mg           </div>
Nursing	<ul style="list-style-type: none"> <li>• Avoid all unnecessary vascular or arterial punctures and IM injections</li> <li>• Report to the physician any changes in heart rhythm, vital signs, neuro checks, bleeding, recurring or worsening chest pain, new ST segment changes, pain in back or legs, headache, or any other concerns regarding the patient.</li> <li>• Use pressure dressings for all puncture sites</li> <li>• Provide Care Notes to patient/family and review with them</li> <li>• Oozing at IV sites can be expected</li> </ul>
<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 45%;">             _____              Physician's Signature              Nurse 1 _____           </div> <div style="width: 15%; text-align: center;">             _____/_____/_____              Date              Nurse 2 _____           </div> <div style="width: 40%; text-align: right;">             _____              Time           </div> </div>	