HEPARIN CONTINUOUS INFUSION PROTOCOL (ADULT)
PHYSICIAN ORDER FORM

Exclusion Criteria: Do not initiate protocol if one of the following criteria is present

1. Candidate for Low Molecular Weight Heparin (LMWH) per guidelines
2. Active bleeding
3. Thrombocytopenia with a positive test of antiplatelet antibody
4. History of heparin induced thrombocytopenia (HIT)
5. Hypersensitivity to heparin or pork/beef products

Start heparin drip immediately after baseline aPTT drawn

Heparin Dosage:
- New Order
- Continued Order

Indications: Must have one of the following

- Unstable angina and non-ST elevation MI
- Bridging for A.Fib/A.Flutter
- Valve replacement
- ST elevation MI with t-PA
- Intra-Aortic Balloon Pump
- Deep Vein Thrombosis (DVT)
- Pulmonary Embolism (PE)
- Bridging for DVT/PE
- Arterial Occlusion

Heparin concentration: 50 units /mL

Laboratory Monitoring: (Process all aPTT as STAT labs)
- Baseline aPTT (prior to heparin infusion)
- aPTT 6 hours after initiation of infusion and every 6 hours after infusion rate change until 2 consecutive therapeutic aPTT achieved
- Daily CBC and aPTT once 2 consecutive therapeutic aPTT achieved

<table>
<thead>
<tr>
<th>aPTT Result (seconds)</th>
<th>ACTION</th>
<th>Next aPTT (STAT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt; 58</td>
<td>IV rebolus 60 units/kg X _____ kg = _____ units (maximum dose 4000 units) and increase infusion rate by 250 units/hour (5 mL/hours)</td>
<td>6 hours (post rate change)</td>
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<tr>
<td></td>
<td>Note: For rebolus dose use 5,000 units single dose heparin vial (Nurse to call Pharmacy when needed)</td>
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<tr>
<td>58 – 74.9</td>
<td>Increase infusion rate by 100 units/hour (2 mL/hour)</td>
<td>6 hours (post rate change)</td>
</tr>
<tr>
<td>75 - 100 (Goal)</td>
<td>No change</td>
<td>Daily (Morning Lab)</td>
</tr>
<tr>
<td>100.1 – 116</td>
<td>Decrease infusion rate by 100 units/hours (2 mL/hour)</td>
<td>6 hours after restarting infusion at lower rate</td>
</tr>
<tr>
<td>116.1-124</td>
<td>Stop infusion for 1 hour then restart infusion and decrease infusion rate by 100 units/hour (2 mL/hour)</td>
<td>6 hours after restarting infusion at lower rate</td>
</tr>
<tr>
<td>124.1-141</td>
<td>Stop infusion for 1 hour then restart infusion and decrease infusion rate by 250 units/hour (5 mL/hour)</td>
<td>6 hours after restarting infusion at lower rate</td>
</tr>
<tr>
<td>&gt; 141</td>
<td>Stop infusion for 2 hour then restart infusion and decrease infusion rate by 250 units/hour (5 mL/hour)</td>
<td>6 hours after restarting infusion at lower rate</td>
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</tbody>
</table>

Provider Printed Last Name: ___________________________ ID: __________
Provider Signature: ___________________________ Date: ______ Time: ______
RN Last Name: ___________________________ RN Signature: ___________________________ Date: ______ Time: ______
Clerk/LVN Signature: ___________________________ Date: ______ Time: ______