



## Section 13: Appendix 1: Medications

# HEPARIN

Pregnancy Category - C

**P** PARAMEDIC **P**

<b>ACTIONS</b>	<ol style="list-style-type: none"><li>1. Anticoagulant that acts by inhibiting thrombin and activated X factor</li><li>2. Acute STEMI is result of atherosclerotic plaque rupture leading to transmural thrombosis. Heparin prevent clot extension and reformation</li></ol>
<b>INDICATIONS</b>	<ol style="list-style-type: none"><li>1. STEMI Patients-ST Elevation myocardial infarction</li></ol>
<b>CONTRAINDICATIONS</b>	<ol style="list-style-type: none"><li>1. Known hypersensitivity or allergy to drug</li><li>2. GI Bleed</li><li>3. Trauma</li><li>4. Intracranial hemorrhage</li><li>5. History of heparin induced thrombocytopenia</li></ol>
<b>PRECAUTIONS</b>	<ol style="list-style-type: none"><li>1. Active pathologic bleeding may occur (peptic ulcer)</li><li>2. Use with caution in patients with liver disease</li><li>3. Use with caution following major surgery. Can cause fatal bleeding</li></ol>
<b>SUPPLIED</b>	5000 units in 5 ml vial
<b>SIDE EFFECTS</b>	<ol style="list-style-type: none"><li>1. Hemorrhage</li><li>2. heparin induced thrombocytopenia Headache</li></ol>
<b>ADULT DOSAGE</b>	<b>60 units /kg IV /IO with max dose of 4000 units IVP</b>
<b>PEDIATRIC DOSAGE</b>	Not Indicated in the pre-hospital setting
<b>KEY POINTS</b>	<ul style="list-style-type: none"><li>• Monitor for bleeding</li></ul>
<b>PROTOCOL USE</b>	<ul style="list-style-type: none"><li>• Adult ACS Protocol</li></ul>