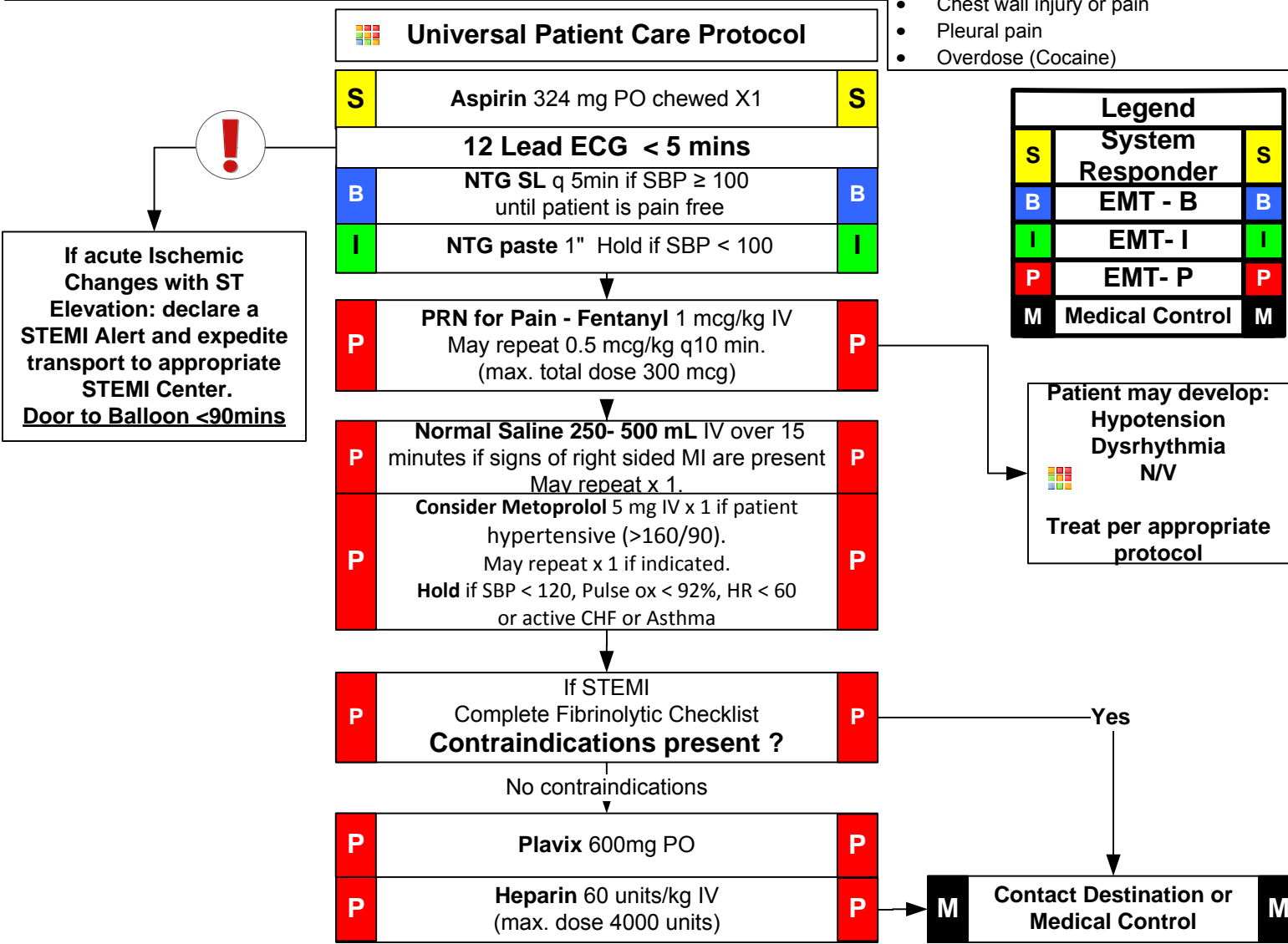


# Chest Pain, Suspected Acute Coronary Syndrome

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|---|---|---|
| <b>History</b> <ul style="list-style-type: none"> <li>Hypertension</li> <li>Hyperlipidemia</li> <li><b>Viagra, Levitra, Cialis</b></li> <li>Past medical history (MI, Angina, Diabetes, Post Menopausal)</li> <li>Family HX cardiovascular disease</li> <li>Recent physical exertion</li> <li>Smoker</li> <li>Stimulants</li> </ul> | <b>Signs &amp; Symptoms</b> <ul style="list-style-type: none"> <li>CP (pain, pressure, aching, vice-like tightness)</li> <li>Nausea, vomiting, dizziness</li> <li>Shortness of breath</li> <li>Pale, diaphoresis</li> <li>Location (substernal, epigastric, arm, jaw, neck, shoulder)</li> <li>Radiation of pain</li> </ul> | <b>Differential</b> <ul style="list-style-type: none"> <li>Trauma vs. Medical</li> <li>Angina vs. Myocardial infarction</li> <li>Pericarditis</li> <li>Pulmonary embolism</li> <li>Asthma / COPD</li> <li>Pneumothorax</li> <li>Aortic dissection or aneurysm</li> <li>GI reflux or Hiatal hernia</li> <li>Esophageal spasm</li> <li>Chest wall injury or pain</li> <li>Pleural pain</li> <li>Overdose (Cocaine)</li> </ul> |
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- Pearls:**
- Do not administer Nitroglycerin in any patient who has used Viagra (sildenafil) or Levitra (vardenafil) in the past 24 hours or Cialis (tadalafil) in the past 36 hours due to potential severe hypotension
  - Target: Contact to Balloon time is less than 90 minutes.** If geography or hazards exists that would cause transport times to exceed 60 minutes – Consider Air Transport.
  - If patient has ECG changes, or is going directly to cardiac cath lab, establish a second IV if possible.
  - Monitor for hypotension and respiratory depression after administration of nitroglycerin, metoprolol and fentanyl.
  - Females, diabetics and geriatric patients often have atypical pain, or only generalized complaints.
  - Hypersympathetic state from amphetamine, cocaine or PCP use usually presents with sustained HR >120 bpm and HTN
  - If CP in setting of stimulants utilize benzodiazepine per Behavior Protocol