**Follow the institutional protocol for interpreting your hospital’s troponin assay result**

Adult (≥18) assessed in ED with primary complaint of chest pain

<table>
<thead>
<tr>
<th>History EKG Age Risk (HEAR) Score</th>
<th>Troponin Interpretation*</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEAR &lt;4</td>
<td>Indeterminate</td>
</tr>
<tr>
<td></td>
<td>Positive for ACS</td>
</tr>
<tr>
<td>HEAR ≥4</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
</tbody>
</table>

*Follow the institutional protocol for interpreting your hospital’s troponin assay result*
<table>
<thead>
<tr>
<th>HISTORY</th>
<th>Low risk history</th>
<th>+0</th>
<th>Moderate risk history</th>
<th>+1</th>
<th>High risk history</th>
<th>+2</th>
</tr>
</thead>
<tbody>
<tr>
<td>EKG</td>
<td>Normal</td>
<td>+0</td>
<td>Abnormal, not ischemic</td>
<td>+1</td>
<td>Ischemic</td>
<td>+2</td>
</tr>
<tr>
<td>AGE</td>
<td>&lt;45 years old</td>
<td>+0</td>
<td>45—64 years old</td>
<td>+1</td>
<td>≥65 years old</td>
<td>+2</td>
</tr>
<tr>
<td>RISK FACTORS</td>
<td>No known risk factors</td>
<td>+0</td>
<td>1-2 risk factors</td>
<td>+1</td>
<td>≥3 risk factors and/or known CAD/PAD</td>
<td>+2</td>
</tr>
</tbody>
</table>

**LOW RISK FEATURES**
- Pain location: Well-localized
- Pain radiates: No
- Pain character: Sharp
- Exertion worse: No
- Nitroglycerin helps: No
- Nausea/Vomiting: No
- Diaphoresis: No

**ELEVATED RISK FEATURES**
- Pain location: Middle/left
- Pain radiates: Yes
- Pain character: Heavy
- Exertion worse: Yes
- Nitroglycerin helps: Yes
- Nausea/Vomiting: Yes
- Diaphoresis: Yes

**RISK FACTORS**
- Hypertension
- Hypercholesterolemia/Atherosclerosis
- Smoking in last 90 days
- 1st degree relative w/ CAD before 55 yrs
- Diabetes mellitus
- Myocardial infarction

**TOTAL HEAR SCORE =**