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

- History EKG Age Risk (HEAR) Score
  - HEAR <4
  - HEAR ≥4

- Troponin Interpretation*
  - Negative for ACS
  - Indeterminate
  - Positive for ACS

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

- **Low risk history**
  - Score: +0

- **Moderate risk history**
  - Score: +1

- **High risk history**
  - Score: +2

### EKG

- **Normal**
  - Score: +0

- **Abnormal, not ischemic**
  - Score: +1

- **Ischemic**
  - Score: +2

### AGE

- **<45 years old**
  - Score: +0

- **45—64 years old**
  - Score: +1

- **≥65 years old**
  - Score: +2

### RISK FACTORS

- **No known risk factors**
  - Score: +0

- **1-2 risk factors**
  - Score: +1

- **≥3 risk factors and/or known CAD/PAD**
  - Score: +2

### TOTAL HEAR SCORE =

<table>
<thead>
<tr>
<th>LOWER RISK FEATURES</th>
<th>ELEVATED RISK FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pain location</td>
<td>Well-localized</td>
</tr>
<tr>
<td></td>
<td>Middle/left</td>
</tr>
<tr>
<td>Pain radiates</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Yes</td>
</tr>
<tr>
<td>Pain character</td>
<td>Sharp</td>
</tr>
<tr>
<td></td>
<td>Heavy</td>
</tr>
<tr>
<td>Exertion worse</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Yes</td>
</tr>
<tr>
<td>Nitroglycerin helps</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Yes</td>
</tr>
<tr>
<td>Nausea/Vomiting</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Yes</td>
</tr>
<tr>
<td>Diaphoresis</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Yes</td>
</tr>
</tbody>
</table>

### RISK FACTORS

- **Hypertension**
- **Hypercholesterolemia/Atherosclerosis**
- **Diabetes mellitus**
- **Myocardial infarction**
- **BMI ≥30 kg/m²**
- **Smoking in last 90 days**
- **1st degree relative w/ CAD before 55 yrs**

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