REVISED CARDIAC RISK INDEX
(Circulation 1999; 100:1043-1049)

Each risk factor is assigned one point.

1. **High-risk surgical procedures**
   - Intraperitoneal
   - Intrathoracic
   - Suprainguinal vascular

2. **History of ischemic heart disease**
   - History of myocardial infarction
   - History of positive exercise test
   - Current complain of chest pain considered secondary to myocardial ischemia
   - Use of nitrate therapy
   - ECG with pathological Q waves

3. **History of congestive heart failure**
   - History of congestive heart failure
   - Pulmonary edema
   - Paroxysmal nocturnal dyspnea
   - Bilateral rales or S3 gallop
   - Chest radiograph showing pulmonary vascular redistribution

4. **History of cerebrovascular disease**
   - History of transient ischemic attack or stroke

5. **Preoperative treatment with insulin**

6. **Preoperative serum creatinine > 2.0 mg/dL**

**RISK OF MAJOR CARDIAC EVENT**

<table>
<thead>
<tr>
<th>Points</th>
<th>Class</th>
<th>Risk</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>I</td>
<td>0.4%</td>
</tr>
<tr>
<td>1</td>
<td>II</td>
<td>0.9%</td>
</tr>
<tr>
<td>2</td>
<td>III</td>
<td>6.6%</td>
</tr>
<tr>
<td>3 or more</td>
<td>IV</td>
<td>11%</td>
</tr>
</tbody>
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"Major cardiac event" includes myocardial infarction, pulmonary edema, ventricular fibrillation, primary cardiac arrest, and complete heart block