

REVISED CARDIAC RISK INDEX

(Circulation 1999; 100:1043-1049)

Each risk factor is assigned one point.

1. High-risk surgical procedures

- Intraoperative
- 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

<u>Points</u>	<u>Class</u>	<u>Risk</u>
0	I	0.4%
1	II	0.9%
2	III	6.6%
3 or more	IV	11%

"Major cardiac event" includes myocardial infarction, pulmonary edema, ventricular fibrillation, primary cardiac arrest, and complete heart block