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Preoperative Evaluation Encounter Form

Patient's name: _____ Age: _____ Medical record #: _____

Surgical procedure: _____

American College of Cardiology (ACC)/American Heart Association (AHA) classification of surgical procedure risk:

High risk—major emergency surgery, major vascular surgery, prolonged surgery with large fluid shifts

Moderate risk—carotid endarterectomy, head and neck surgery, intraperitoneal or intrathoracic surgery, orthopedic surgery, prostate surgery

Low risk—cataract removal, endoscopy, breast surgery, superficial procedures

History of illness: _____

Physical examination:

Blood pressure: _____ Heart rate: _____ Temperature: _____ Relative risk: _____

	Normal	Abnormal	Comment if abnormal	
General	<input type="checkbox"/>	<input type="checkbox"/>	_____	Laboratory tests (optional if low-risk surgery): Hemoglobin/hematocrit: _____ Creatinine: _____ ECG: _____ Chest radiograph: _____
Heart	<input type="checkbox"/>	<input type="checkbox"/>	_____	
Vascular/bruits	<input type="checkbox"/>	<input type="checkbox"/>	_____	
Lungs	<input type="checkbox"/>	<input type="checkbox"/>	_____	
Abdomen	<input type="checkbox"/>	<input type="checkbox"/>	_____	
Extremities	<input type="checkbox"/>	<input type="checkbox"/>	_____	

Decision support:

Lee's Simple Cardiac Risk Index

Clinical variable	Points
High-risk surgery (intraperitoneal, intrathoracic, or suprainguinal vascular surgery)	1
Coronary artery disease	1
Congestive heart failure	1

History of cerebrovascular disease	1
Insulin treatment for diabetes mellitus	1
Preoperative serum creatinine >2.0 mg per dL (>176.8 μ mol per L)	1
Total points:	

Score interpretation (risk of complications*):

0 points = class I (0.4%)

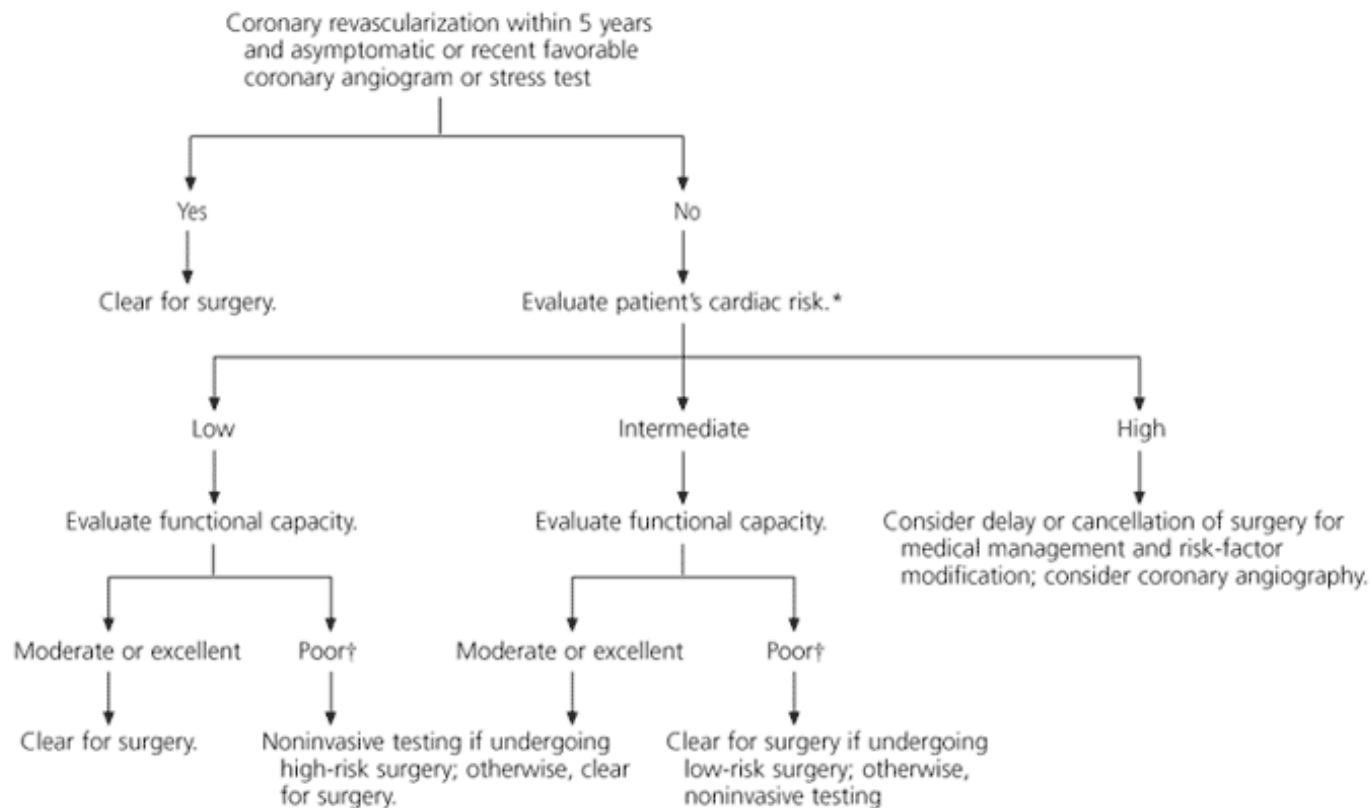
1 point = class II (0.9%)

2 points = class III (6.6%)

 \geq 3 points = class I, (11.0%)

*—Complications may include myocardial infarction, pulmonary embolism, ventricular fibrillation, cardiac arrest, or complete heart block.

Abbreviated ACC/AHA Algorithm



*—Cardiac risk: high = Lee's risk class III or IV or major predictors of increased cardiovascular risk (unstable coronary syndrome, decompensated congestive heart failure, significant arrhythmias, or severe valvular disease); intermediate = Lee's risk class II or intermediate predictors of cardiovascular risk (mild angina pectoris, previous myocardial infarction, compensated or previous congestive heart failure, diabetes mellitus, or renal insufficiency); low = Lee's risk class I and no predictors of cardiovascular risk.
 †—Poor functional capacity = <4 METs (metabolic equivalents).

Recommendations:

- Clear for surgery.
- Refer for cardiology evaluation and possible coronary angiography.
- Noninvasive testing: Dipyridamole stress thallium Dobutamine stress echo Other: _____
- Start beta blocker: _____ Start date: _____
- Anticoagulation: _____

Other recommendations: _____

Physician's signature: _____ Date: _____

Encounter form developed by Mark H. Ebell, M.D., M.S., Michigan State University College of Human Medicine, East Lansing. Copyright© 2004 American Academy of Family Physicians. Physicians may photocopy or adapt for use in their own practices; all other rights reserved. "Point-of-Care Guides." Ebell MH. American Family Physician. April 15, 2004;69:1977-80. Accessible online at: <http://www.aafp.org/afp/20040415/pocform.html>.

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