



Indications for Revascularization in Patients with Chronic Stable Angina

CABG is recommended for

Left main coronary artery stenosis

3-vessel CAD (survival benefit greatest when ejection fraction <50%)

2-vessel CAD and proximal LAD stenosis *with*

LV ejection fraction <50% *or*

Ischemia on noninvasive testing

1- or 2-vessel CAD without proximal LAD stenosis who have survived sudden cardiac death or sustained ventricular tachycardia

PCI is recommended for

Nondiabetic patients with 2-vessel CAD, proximal LAD stenosis, and normal LV function with anatomy amenable to PCI

Either CABG or PCI is recommended for

Patients with 1- or 2-vessel CAD without proximal LAD stenosis and with a large area of viable myocardium and high-risk criteria on noninvasive testing

Patients with prior CABG or PCI with recurrent stenosis and a large area of ischemia or high-risk criteria on noninvasive testing

Patients with symptoms refractory to medical therapy with an acceptable risk of revascularization

CABG = coronary artery bypass grafting; CAD = coronary artery disease; LAD = left anterior descending artery; LV = left ventricular; PCI = percutaneous coronary intervention.

Data from: Eagle KA, Guyton RA, Davidoff R, et al; American College of Cardiology; American Heart Association. ACC/AHA 2004 guideline update for coronary artery bypass graft surgery: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines (Committee to Update the 1999 Guidelines for Coronary Artery Bypass Graft Surgery). *Circulation*. 2004;110:e340-437; and Smith SC Jr., Feldman TE, Hirshfeld JW Jr., Jacobs AK, Kern MJ, King SB III, et al. ACC/AHA/SCAI 2005 guideline update for percutaneous coronary intervention: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines (ACC/AHA/SCAI Writing Committee to Update the 2001 Guidelines for Percutaneous Coronary Intervention). American College of Cardiology Web Site.

©2006. American College of Physicians. Medical Knowledge Self-Assessment Program (MKSAP®14)