

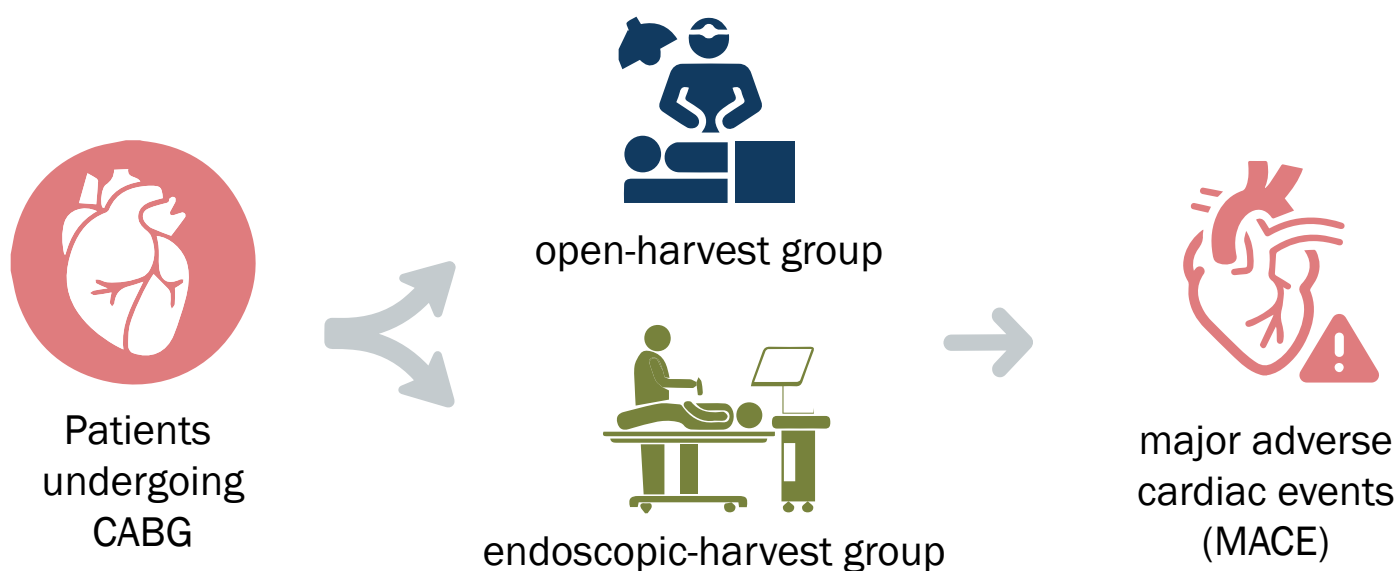
REGROUP: Randomized Trial of Endoscopic or Open Vein-Graft Harvesting for Coronary-Artery Bypass

Randomized, intention-to-treat, multicenter trial



AMERICAN COLLEGE of CARDIOLOGY

Objective: To assess the influence of saphenous vein graft harvesting technique on long-term clinical outcomes in patients undergoing CABG



1,150 Patients who had planned elective or urgent (but not emergency) CABG with the plan to use at least one saphenous vein graft as a conduit were randomized



open-harvest group
(n=574)



vs



endoscopic harvest
(n=576)

Primary Outcome

15.5%

MACE, all-cause mortality, nonfatal MI and repeat revascularization
HR 1.12; 95% CI, 0.83-1.51; P=0.47

13.9%

3.1%

Leg-wound infections
RR 2.26; 95% CI, 0.99-5.15

1.4%

Among patients undergoing CABG, no significant difference was found between open vein-graft harvesting and endoscopic vein-graft harvesting in the risk of MACE.