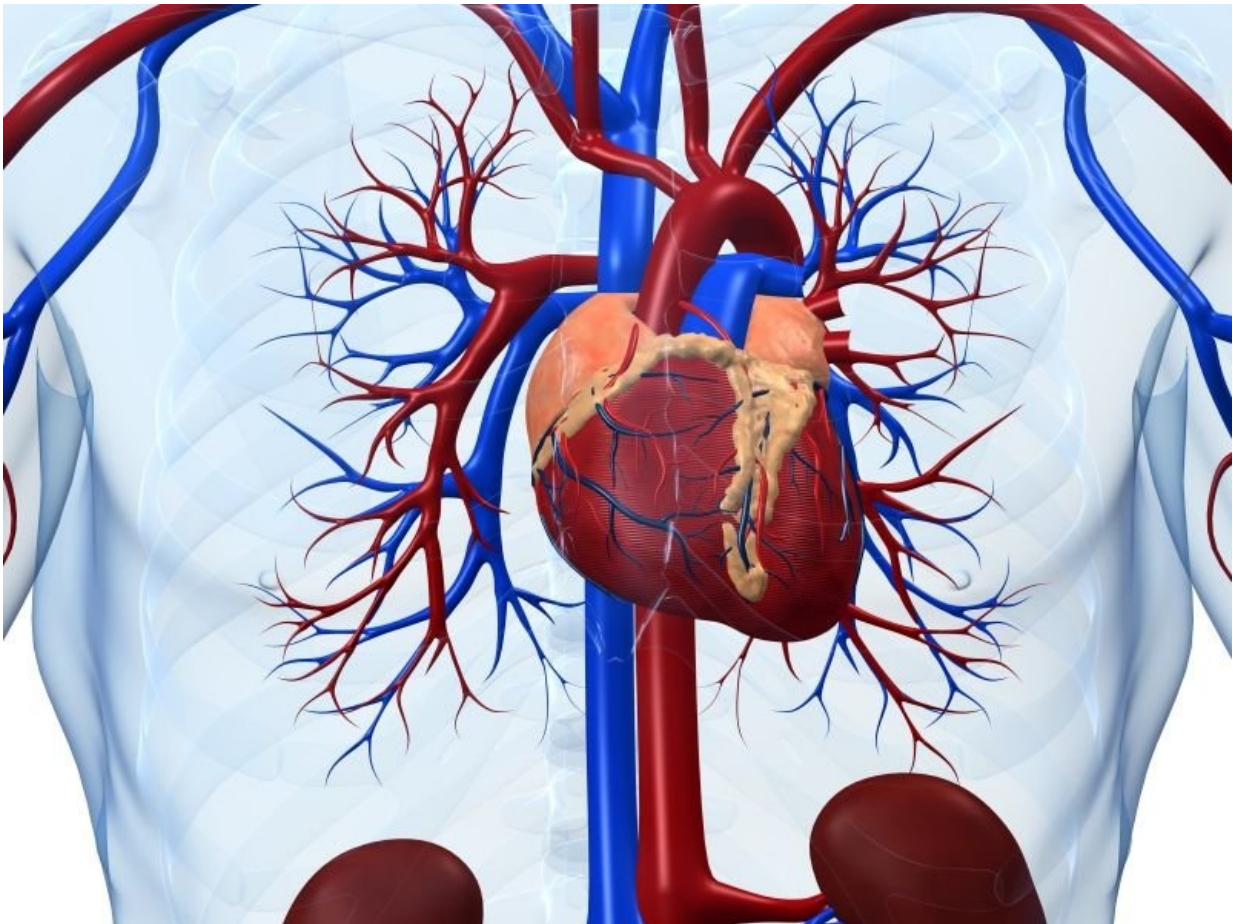


# CABG may be best method to revascularize in diabetes

December 12 2017

---



(HealthDay)—In patients with diabetes and multivessel coronary artery

disease (MV-CAD), coronary artery bypass grafting (CABG) may be the preferred method of revascularization, with lower rates of major adverse cardiac or cerebrovascular events (MACCE), according to a study published in the Dec. 19 issue of the *Journal of the American College of Cardiology*.

Krishnan Ramanathan, M.B., Ch.B., from University of British Columbia in Vancouver, Canada, and colleagues assessed the generalizability of results from the FREEDOM (Future Revascularization Evaluation in Patients with Diabetes Mellitus: Optimal Management of Multi-Vessel Disease) trial in real-world practice among patients with [diabetes mellitus](#) and MV-CAD by evaluating major cardiovascular outcomes in all patients with diabetes who underwent [coronary revascularization](#) between 2007 and 2014 (4,661 patients; 2,947 with ACS).

The researchers found that at 30 days after revascularization, the odds ratio for MACCE for ACS patients favored CABG (odds ratio, 0.49; 95 percent confidence interval [CI], 0.34 to 0.71), whereas among patients with stable ischemic heart disease (SIHD), MACCE was not impacted by revascularization strategy (odds ratio, 1.46; 95 percent CI, 0.71 to 3.01;  $P_{\text{interaction interaction}} = 0.28$ ).

"A well-powered randomized trial of CABG versus PCI in the ACS population is warranted because these [patients](#) have been largely excluded from prior trials," the authors write.

**More information:** [Abstract/Full Text \(subscription or payment may be required\)](#)  
[Editorial \(subscription or payment may be required\)](#)

Copyright © 2017 [HealthDay](#). All rights reserved.

Citation: CABG may be best method to revascularize in diabetes (2017, December 12) retrieved 19 July 2023 from <https://medicalxpress.com/news/2017-12-cabg-method-revascularize-diabetes.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.