Reviewer’s report

Title: Immunohistochemistry comparing Endoscopic Vein Extraction vs. Open Vein Harvesting on Saphenous Vein Endothelium

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Reviewer: alexandre azmoun

Reviewer’s report:

Authors report here an interesting study on saphenous vein graft extraction for CABG showing that no difference appears in the endothelium structure using immunohistochemical staining techniques, in endoscopic vein extraction techniques versus open vein harvesting method. These results assess that the saphenous vein endothelium had a normal function in vein grafts harvested by endoscopic method compared to open surgical one.

However some points should be emphasized:

Major Compulsory Revisions
1- Did authors use E cadherin or VE cadherin, which is more specific of the endothelium?

Minor Essential Revisions
2- Legend of figure 2 could be more detailed;
3- It could be interesting to specify the hospital follow up in term of myocardial infarction, (cardiac enzyme monitoring CPK-MB and troponin), need for vasopressive drugs, … in both groups;
4- How many coronary anastomoses were performed by saphenous vein and by mammary arteries?

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

I have no competing interests