Reviewer’s report

Title: Short-term results of bilateral internal mammary arterial grafting for patients aged 60-75 years – a retrospective study.

Version: 0 Date: 10 Aug 2019

Reviewer: KENJI IINO

Reviewer's report:

I have read the article by Dr. Guo and colleagues with great interest.

Thus study reports the short-term results of CABG using BITA in patients aged 60-75 years compared with patients aged less than 60 in terms of intraoperative data, postoperative complications, cardiac function and graft patency. They concluded that advanced aged patients should not be a contraindicated for BIMA grafting since BIMA grafting in elderly patients can also achieve a satisfactory short-term results, similar to younger patients.

The paper is well written. However, I would like to make a few comments.

Various studies demonstrated that BITA grafting is associated with enhanced long-term outcomes compared with SITA grafting. There is no reports with adverse survival outcomes with BITA grafting. However, data from the real world showed that rate of BITA use in isolated CABG is quite low. Perceived disadvantages of BITA use are prolonged operation time, requirement for in situ RITA to go through the transverse sinus or to cross the midline to reach the LCx or LAD, and increased incidence of deep sternal wound infection.

1) Authors need to show mean value of preoperative HbA1c in both groups.
2) And also authors need to show patients population who don't get BITA in your institution.
3) Do you do anything special to avoid DSWI such as not use bone wax or use antibiotics paste in sternal bone?

Level of interest
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An article of importance in its field

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable
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