**Reviewer’s report**

**Title:** Total arterial revascularization in patients with acute myocardial infarction - feasibility and outcomes

**Version:** 0  **Date:** 14 Oct 2017

**Reviewer:** Mohamed Abdel Bary Ibrahim

**Reviewer’s report:**

Dr. Grieshaber and colleagues provide their assessment of Total arterial revascularization in patients with acute myocardial infarction - feasibility and outcomes.

The following comments and questions are provided as feedback to the authors:

- In the abstract / background page 2 line 11: there is an underscore _, should be removed. Also, the rest of the sentence has the same meaning "The aim of this study.........".

- In the abstract / background page 2 line 25: Minor grammatical mistakes

short-term and mid-term outcome was compared→ short-term and mid-term outcomes were compared

- Keywords: he should mention total arterial revascularization.

- In results / baseline data: no data available about body mass index, if there is renal insufficiency, preoperative risk factors (smoking, COPD, hypertension, hypercholesterolaemia, carotid artery disease, peripheral vascular disease…). Also, both groups were not comparable as regard age, gender, EuroSCORE II and DM, that may affect the results.

- In intraoperative data: Surgeon experience was different between both groups that may affect the results.

- In SV group: they used LIMA in 161 cases and RIMA in 2 cases, did they used arterial grafts for the other 3 patients.

- They didn't report the postoperative complications such as: sternal wound complications, perioperative MI, redo CABG, re angioplasty, postoperative MI, renal failure , respiratory insufficiency.

- The hospital and ICU stay weren't assessed. We need to know which group has a shorter hospital stay.
They didn't compare the postoperative cardiac function to the preoperative one in both groups, so we can know if it is valuable or not.

**Level of interest**
Please indicate how interesting you found the manuscript:

An article of importance in its field

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

Needs some language corrections before being published

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