Reviewer's report

Title: Atorvastatin pretreatment diminishes the levels of myocardial ischemia markers early after CABG operation: an observational study

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Reviewer: İsa Durmaz

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Material section: The given patient number analysed here is not enough to make a multivariance statistical analysis, thereby to get a conclusion about the beneficial effects of preoperative atorvastatin usage. Preoperative creatinine levels of each group were not given in detail. Only exclusion criteria was defined as patients having creatinine level>2. However, even preoperative creatinine level>1.5 can also dispose the patients severe untoward renal complications in postoperative period. Bypass graft numbers also were not given in tables.

Results: Postoperative bleeding, blood and/or blood products needs of each group, postoperative EF results, arrhythmia, postoperative creatinine levels which all can effect the duration of postoperative stay in ICU were not analysed and given in this study.

Discussion: There is not any detailed information or suggestion regarding to causes of longer postoperative stay in ICU of patients who had not taken atorvastatin. Why these patients stayed longer in ICU but no difference in hospitalization time? What can be a responsible mechanism providing shorter ICU stay in atorvastatin patients? Discussion is so far away from a scientific design analyzing, comparing and discussing the results of the authors with those of former literature. It is like a repetition of the results of the former literature. It should be re-written.

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

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

'I declare that I have no competing interests'.