Reviewer’s report

Title: The Relationship between Fasting Plasma Glucose and MPO in Patients with Acute Coronary Syndrome

Version: 2

Review Date: 20 March 2015

Reviewer: Stefano Pidello

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Major revision

1. In this paper Zhang et al. show the association between FPG and MPO in patients with ACS. However they did not find association between FPG and PBMC. In the discussion section they hypothesized a role from granulocytes. Can they provide values of granulocytes in their population and association between FPG and granulocytes, or other data to strength this thesis?

   In general I think they should provide the Discussion section with more physiopathological and experimental data between the possible influence of FPG in increasing MPO.

2. I think that proposing a cutoff for treating hyperglycemia in ACS based on a surrogate of inflammation is far too speculative. In particular since big studies did not show any benefit from overtreating mild hyperglycemia.

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

Declaration of competing interests:

I declare that I have no competing interests