Reviewer’s report

Title: Glucose levels as a prognostic marker in patients with ST-segment elevation myocardial infarction: a case-control study

Version: 1 Date: 21 Dec 2015

Reviewer: Trayambak Basak

Reviewer's report:

The authors have tried to justify the concerns raised by the reviewers with the existing data only. However, the addition of HBa1c data is being appreciated and clearly improves the quality of the manuscript.

But, following concerns needs to be addressed before the publication:

1. Authors should discuss the novelty and relevance of the response "exactly the glucose level when admission is reviewed as a peculiar universal marker of poor prognosis" with proper literature cited in the manuscript.

2. I still think without proper statistical measure showing U shaped correlation is far extrapolation. They should remove the figure from the main manuscript and should only discuss this as a trend observed from this study. Tha wouldt make more sense.

3. In table 3, the significance level of CHF and unstable angina is more compared to MI. Authors should comment and discuss this finding in the manuscript.

I would request to kindly consider these changes and incorporate appropriately in the revised version.

Are the methods appropriate and well described?

If not, please specify what is required in your comments to the authors.

No
Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.
Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.
Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.
I am able to assess the statistics

Quality of written English

Please indicate the quality of language in the manuscript:
Needs some language corrections before being published

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