Reviewer's report

Title: Relationship between coronary artery disease and C-reactive protein levels in NSTEMI patients with renal dysfunction: a retrospective study

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Reviewer: Ruth Campbell

Reviewer's report:

In this manuscript, Udeanu et al present their findings of a retrospective analysis of CRP, GFR and extent of CAD in patients presenting with nonstemi.

I have the following comments:

Major Compulsory Revisions

1. The association of GFR, CAD and inflammation is well known. It is not clear to me why this work is novel and adds to the established body of knowledge. The authors should address this in the discussion.

2. Under methods-please define NSTEMI and the troponin assay that was used with cutoffs

3. Were there any dialysis patients in the study? Was there a lower limit of GFR below which patients were not included? Please discuss in the methods.

4. There is a discrepancy between page 6 and page 10 - do patients with advanced CKD have lower DBP or higher DBP compared to those with mild or no disease?

5. Were the patients who received dialysis ESRD patients or did they have AKI that required HD? Did angiography characteristics change in this group? If they are ESRD patients, were the criteria for nonSTEMI the same as for nonESRD patients?

6. Why did the GFR increase so much in the advanced CKD patients in the hospital (p 8, line 12-13)- were ACEi stopped during the admission?

7. Where there differences between the group that had angiography and didn't undergo angiography?

Minor revision

1. There is a problem with the font on p 5, line 11.

Level of interest: An article of limited interest
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