Reviewer’s report

Title: C-reactive protein serum levels as an early predictor of outcome in patients with pandemic H1N1 influenza A virus infection

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Reviewer: xiao hong

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From current published articles, we know that the time to hospital admission and to receive antiviral treatment from symptoms, underlying medical conditions, age, obesity, and so on, are the factors associated with sever outcome of patients with influenza A(H1N1), but there are rare biomarkers published, the authors have made a meaningful work, and have performed a good statistical analysis to identify that the serum CRP value can be as early predictor of disease course, furthermore, although serum CRP lever showed a relative good specificity and sensitivity, its PPV not very satisfactory.

And there are some sentences that are not clear, so I think this manuscript should reviewed by a native English speaker.

Minor Essential Revisions:

Method: In method section, the design of the study, the setting should be presented and this study was conducted to examine the role of CRP level as a early predictor for prognosis, however it not clear what were the methods used to assess this.

Results: The result section is not well reflecting the results of the study, the authors should add the cut-off value of CRP by ROC curve analysis, and its specificity and sensitivity in predicting the sever outcome, so this section should modified accordingly.

Study design#The author should make it clear that under which criteria the patients should admitted to ICU, This is very important for us to understand the value of serum CRP level as a predictor for sever outcome, and the quality of a ROC curve analysis, depends largely on the inclusion criteria of the patients with influenza A(H1N1) to ICU.

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: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

I declare that I have no competing interests