Reviewer's report

Title: Pneumonia severity, comorbidity and 1-year mortality in predominantly older adults with community-acquired pneumonia: a cohort study

Version: 2 Date: 9 November 2014

Reviewer: Antoni Torres

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In this study the risk factors of 498 consecutively admitted cases are reported. 21% percent died within years. Authors found that CURB65, CRB65 and CCI at admission are "reasonable predictor" of mortality.

Major comments

1- It is a retrospective study. Is the recording of confusion reliable. How did you solve this problem?
2- Did all patients had RR recorded?
3- The same question for Charlson
4- Did you exclude HIV?
5- I understand that your analysis of mortality was restricted to patients discharged
6- Please define the variables entered in the multivariate logistic regression analyses

Minor

The AUCs of the ROC curves are not excellent and you have to temper your conclusions regarding prognosis.

Did you measure PSI?

If you could report the cause of the death this would strength your study

Level of interest: An article of importance in its field

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 do not have conflicts of interest