Reviewer's report

Title: Retrospective epidemiological study for the characterization of community-acquired pneumonia and pneumococcal pneumonia in adults in a well-defined area of Badalona (Barcelona, Spain)

Version: 2 Date: 15 October 2012

Reviewer: eva polverino

Reviewer's report:

The manuscript is now almost ready for pubblication. I would suggest some minimal changes before its pubblication.

When expressing the odds ratio for age as dependent variable associated with hospitalization and readmission the authors should specify which increase if age they refer to (for instance, 1 year or 5 year increase, etc...).

the same for time to recovery odds ratio in logistic regression for readmission (+1 day?)

The authors should specify the reasons for changes in initial antibiotic treatment (7.1%)

Moreover, the authors should also try to justify in the discussion the reasons for pneumococcal inpatients to have higher costs than others etiologies.

Finally, when starting the sentence with "however" or "in addition" add a comma ("However,").

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I declare that I have no competing interests