Reviewer's report

**Title:** Predictors of mortality and re-hospitalization in older adults with community-acquired pneumonia: a prospective cohort study

**Version:** 2  **Date:** 21 December 2009

**Reviewer:** Marc PACCALIN

**Reviewer's report:**

Thank you for asking me to review this manuscript that underlines the impact of comorbidities on the outcome after a CAP.

- I think that the low level of death within 30 days (6.8%) might explain the lack of impact on mortality of the socioeconomic or immunization status
- Authors should explain why there are so many missing patients (n=207) in the re-hospitalization cohort
- I am not sure that table 1 and table 3b are worth publishing. They are not useful to understand the main results.
- There is a lack of data concerning E vitamin status. Is it possible to give more details on the length of supplementation? I would be more cautious on this result if details cannot be given.
- I think that the authors should insist on the fact that they assess mortality at day 30. That means that comorbidities appear to be predictors of "early" death or "in-hospitalisation" death

**Level of interest:** An article of importance in its field

**Quality of written English:** Acceptable

**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