Reviewer's report

Title: Viral etiology of community-acquired pneumonia among adolescents and adults with mild or moderate severity and its relation to age and severity

Version: 1 Date: 30 May 2014

Reviewer: Anne Goffard

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Minor Essential Revisions

1) The authors present in Table 1 laboratory findings of patients included in the study and cite antimicrobial treatments. These data are not used in the main text. Could the authors explain the hyperleucocytosis observed in 26.9% of case and correlate this result to viral aetiologies observed and to severity of the evolution of patients. In a same way, could the authors present the evolution of patients under antiviral treatment?

2) The adolescents seem to be more often infected with adenoviruses and bacteria. Could the authors discuss these points?

3) Viral aetiologies observed are very different than other previous studies as Hamano-Hasegawa K, et al. J Infect Chemother. 2008 or Çaklayan Serin D, et al. J Infect Dev Ctries. 2014. Are these differences due to the origin of the patients included in the study or to another cause?

4) Coronaviruses are rarely detected in this study. Could the authors discuss this point?

5) The evolution of young patients is not clear: Are there more common severe forms in this group?

Comments:

1) Page 5, line 59: replace “clearly etiology” by “clear aetiology”.

2) Section Materials and Methods
Page 6, line 82: please, detail how many people are included in the study?
Page 6, line 84: please, elaborate the age of patients included and not “aged 14 years and above”.
Page 6, line 95: for readers, explain the abbreviation PSI and detail the PSI classes.

3) Section Results
Page 9, line 141: please, present percentages with plain data.
Page 9, line 156: “PIVs were co-detected in 22 cases”. However, in the mentioned table 3, the reviewer counts 23 cases. Please clarify this point.
Page 10, line 165: please replace “…70%, 44.5%, 37.9% and 30.3% for four groups” as “70%, 44.5%, 37.9% and 30.3% for four groups respectively ...”
Page 10, line 174, please clarify “to explore pathogens more commonly associated with the severity group” or “to explore pathogens more commonly associated with the severity evolution”.

3) Section Discussion
Page 11, line 200: “as expected, the incidence …”. Please, cite references.
4) Table 5. Please clarify terms “PSI II-II”, “PSI IIII” and PSI IV-V” in the text.
5) The figure 1 is discordant with the text: in the figure 1, 33 patients are excluded however 48 are excluded in the text (page 8, line 22). Please clarify.

**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:** No, the manuscript does not need to be seen by a statistician.

**Declaration of competing interests:**

I don’t have any financial and non-financial competing interests in relation to this paper.