Reviewer's report

**Title:** Adherence To Non-Polluting Biomass Fuel Stoves Improves Respiratory and Sleep Symptoms in Children.

**Version:** 2  **Date:** 13 October 2013

**Reviewer:** Oliviero Bruni

**Reviewer's report:**

The manuscript is well written and interesting for the pediatric community. However there are some issues that need to be addressed in order to improve clarity and consistency of data interpretation.

1) The main conclusion of the study in the abstract (reported also in discussion): “Optimal improvements in respiratory and sleep-related symptoms associated with elevated indoor biomass pollution occur only following implementation and exclusive utilization of improved kitchen stoves” is not entirely supported by the results and should be smoothed here and in the discussion.

2) Reading the table 1 it seems that there are no specific improvements in respiratory symptoms but only in “problems during sleep”.

3) This item “problems during sleep” is not clear. Which problems are referring to?

4) Limitations of the work are not clearly stated.

5) In the abstract “Apnea symptom questionnaire” is not correct. It seems from the items reported in the table that is a general sleep questionnaire including questions on apnea.

6) The discussion is mainly focused on the improvement on respiratory symptoms that are not clearly supported by the data reported in the table. As far as I can interpret the table it seems to me that sleep improves in some way but not the respiratory symptoms. Therefore the Authors should change the discussion accordingly.

**Level of interest:** An article whose findings are important to those with closely related research interests

**Quality of written English:** Acceptable

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

**Declaration of competing interests:**

No competing interest.