Reviewer's report

Title: Clearing the air: Improving smoke-free policy compliance at the national oncology hospital in Armenia

Version: 1 Date: 5 September 2014

Reviewer: Patrick Goodman

Reviewer's report:

This is an interesting paper. I feel strongly that it could be reduced in length without losing the key message.

Essential revisions

National smoking rates etc would put the work in context for an International reader

page 7 lines 176 the definition of PM2.5 is incorrect please rectify

page 8 line 199 clarify what duration of time the PM2.5 data was gathered, generally one needs to sample for 15+ minutes (its page 13 line 326 before we get this information)

Could I suggest the authors consider discussing if the installation of smoke detectors in common areas, stair wells etc, would be an additional strand (devices similar to those in many homes and are a few dollars each),

I strongly suggest that figure 1 be redone so that the "before" and "after" for each location are presented together, this might necessitate 3 sections to the graph, one for each location.

I would ask the authors to carefully check their references, as references 11 and 12 in the listing Page 16 appear to be the same

Is table 4 essential, could this be provided as an online supplement?

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:

I declare that I have no competing interests