Reviewers report

Title: Potential for airborne transmission of infection in the waiting areas of healthcare premises: stochastic analysis using a Monte Carlo model

Version: 4 Date: 1 July 2010

Reviewer: Chung-Min Liao

Reviewers report:

Minor Essential Revisions.

Major points:
1. The major modeling method (Gammaitoni-Nucci equation) adopted from refs #3 and #15 should be described more detail. Actually, I cannot find that the related response to reviewers comments regarding the explanation of Gammaitoni-Nucci equation from other reviewers.
2. Where are the data sources used in Table 2?
3. Sensitive analyses for the results of modeling are recommended in the revision.
4. The presented results should incorporate the uncertainties or confident intervals of simulation results while using stochastic analysis.

Minor points:
1. P8/L12&L15: The full names of “HEPA” and “AC/h.”
2. P9/ref #19: Please check the authors in cited reference.
4. P11/Table 2: The abbreviation “n.a.” should be explained in the footnote.
5. P11/Table 3: The modeling parameters might be placed in the footnote.
6. P17-P20: Figures 1-4 are duplicated and Figures 2-4 should be well present.

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

Quality of written English: Acceptable

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