Reviewer's report

Title: Successful implementation of new technologies in nursing care: a questionnaire survey among nurse-users

Version: 1 Date: 25 April 2011

Reviewer: Marita Koivunen

Reviewer's report:

Major Compulsory Revisions
1. The background contains relevant information about implementation of technology in nursing, but I wish that the authors will describe videly about theories of the acceptance of IT. In the study researchers have chosen quite straightforwardnesly the Diffusion of Innovations theory. Some others of the theories are very widely tested and used; e.g. TAM and UTAUT. Which are the explanations for authors’ selection? Also I wish more earlier studies where Rogers’ theory were used in health care setting.

2. Methods: The descriptions of the participants, a questionnaire and analyses are clear. There are nothing about ethical questions related to sampling and participants; I think authors should add these.

3. Results: I am not also sure which text paragraphs are based on separate tables?

4. Results: Table 3. is not very clear; I think it needs clarification; I am not sure how sets the percentages in the table?

5. Discussion: Authors should add more about reliability of the quantitative data and e.g. trustworthiness of the anlyses and results of the open questions.

Minor Essential Revisions
1. Figure 1. Is the figure 1. from Fleuren et al.? If so, it needs reference.

2. There are some ambiguities in division into paragraphs in whole paper.

3. The reference list is not completely based on journals requirements; see e.g. internet references.

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.