Reviewer's report

Title: Development of a Nursing Intervention to Facilitate Optimal Antiretroviral Treatment Taking among People living with HIV

Version: 1 Date: 19 February 2009

Reviewer: Gerjo Kok

Reviewer's report:

This is an excellent paper on a very relevant topic and well written. The theoretical background is adequately applied and reported. These kind of descriptions of theory- and evidence-based program development are really needed and the authors did a wonderful job.

I would suggest some small improvements.

The authors missed a relevant article: de Bruin et al., 2005, AIDS PATIENT CARE and STDs, 19, 384-394.

Some details of the IM application are a little bit confusing, the last sentence of step 1 mentions the behaviors and the influencing factors, while the outcome is only described in terms of behaviors. Both are OK but they should be correspondend.

In table 2, the distinction between methods and strategies is not always clear because the description of the strategies is too short, for instance: feedback, reward, which would in IM be seen as methods. I would suggest to use some more words to describe the actual practical strategy in these cases.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

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

Declaration of competing interests:

I am one of the authors of the 2006 book that describes the Intervention Mapping process. I declare that I have no other competing interests.