Reviewer’s report

Title: Factors influencing the surgery intentions and choices of women with early breast cancer: the predictive utility of an extended Theory of Planned Behaviour

Version: 2 Date: 4 June 2013

Reviewer: Kerry Sherman

Reviewer’s report:

For the most part the authors have addressed the issues raised in the initial review. There are a couple of outstanding issues.

It is stated that the study was not an RCT, and that the purpose of the wider study was to evaluate the use of the intervention in practice. It would be assumed then that some sort of measure of whether or not a specific participant used the intervention would be available. I would recommend if this information is available, that this variable is included in the analyses, otherwise there is always a lingering question as to whether or not the decision aid made an impact on these decisions, over and above the TPB variables. Similarly, knowledge is another factor that I would have assumed that the researchers would have included in the model. The explanations given as to why the medical characteristics were not included in the model is adequate, but at least some consideration of these other two variables should have been given (or remarked upon in the Discussion).

Along with the changes that were made to the limitations section, there should also have been mention of the low rate of uptake and high attrition - this should be specifically noted, along with the more general comment about the small sample size.

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.