Reviewer’s report

Title: Measuring factors affecting implementation of health innovations: A systematic review of structural, organizational, provider, patient, and innovation level measures

Version: 4 Date: 23 June 2012

Reviewer: Alison Hutchinson

Reviewer’s report:

Thank you for the opportunity to review this manuscript.

This article provides a valuable overview of the instruments available to measure constructs related to implementation of innovations in health care. The findings are of practical value to researchers and implementers who wish to examine and understand constructs relevant to implementation efforts.

• Major Compulsory Revisions

Nil

• Minor Essential Revisions

1. Background, paragraph 5, should read “the goal of the current paper is to report …”.

• Discretionary Revisions

1. Given that this article is directed towards an international audience, I strongly recommend that the opening sentence of the abstract and the opening paragraph of the manuscript be re-worded so that the focus is not on the U.S.

2. I suggest that you clarify that your review aimed to identify high-level or broad constructs (which you later refer to as factors) to predict implementation outcomes. Within each broad construct/factor (for example, organizational) are multiple constructs that potentially predict implementation.

3. The section labelled Conclusions seems to be discussion and conclusions and may be better labelled as such.

4. In additional File 2 you list 11 instruments that did not assess any of the 5 factors included in your theory-informed framework. Could you comment on the types of factors they did assess – presumably there are dimensions, outside your framework, that can be measured and are also important to implementation efforts? This would be of interest to implementers and implementation scientists.

Minor issues not for publication

1. Typographical error noted in Method, paragraph 1 - “…sections of recordds via PsycINFO…”.

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.