Reviewer's report

Title: Development of a behaviour change intervention: a case study on the practical application of theory

Version: 2
Date: 27 January 2014

Reviewer: Janet Curran

Reviewer's report:

Thank you for the opportunity to review this case illustration of developing an implementation strategy to change GP’s OA consultation practice.

Minor Essential Revisions

1. Abstract: Background...should be consistent with description of the intervention...is it “patient focused” or “professionally focused”?

2. Need to review manuscript for grammar, tense and spelling errors throughout eg. Abstract: Methods; line 4...selection of behavior techniques to “address”

3. Pg 4. Para 2. Given the case study presented in this manuscript is centred on one of the components of the MOSAICS intervention. Can you provide some additional background regarding how/why the 3 components of the MOSAICS study were chosen/identified?

4. Pg 5. Para 1. Can you be more specific regarding the targeted behavior? What aspect of the consultation are you hoping to change?

5. Pg 10. Para 2. Line 1. It is not clear what you mean by “delivering the behavior”?

6. Pg 12, Para 3, line 3. You identify involving the GP advisory group in development of the change proposal as a strength which might enhance uptake of the intervention but they were not the same GPs that participated in the study??

7. Pg 12, Para 1, Line 1. Can you clarify strategy for determining mode of delivery?? This line would suggest pragmatic approach with some additional guidance from an EPOC review, whereas the description on Pg 9 would suggest a more deliberate, systematic approach??

Discretionary Revisions

1. Pg 6. Para 1. Can you be more specific with describing the coverage of the TDF...“all determinants addressed in psychological models??” would suggest a much broader range of theories were considered.

2. Pg 6. While you mention the Cane study in the discussion section, you should also make reference to the existence of the validation study in this section.
Level of interest: An article whose findings are important to those with closely related research interests

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

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 interest