Reviewer’s report

Title: A pilot study of the S-MAP (Solutions for Medication Adherence Problems) intervention for older adults prescribed polypharmacy in primary care: Study protocol

Version: 0 Date: 24 Mar 2019

Reviewer: C Cahir

Reviewer's report:

This is a well presented and written study protocol. The proposed intervention is much needed in the management of medications in older populations prescribed polypharmacy. It is of interest to see that this pilot intervention is being developed and tested in the community pharmacy setting and this will make for a more pragmatic and scalable intervention in the future. This is a novel and well considered study protocol with good use of a theoretical framework (TDF and BCTs) and a number of previous background studies have been undertaken by the research group. I look forward to reading about the findings of S-MAP in time to come.

Minor comments:

1) Background- pg.3- 2nd paragraph- sentence unclear- only a limited number of studies described using theory- is it use theory

2) I understand the need for an honorarium payment to the pharmacy for participation (time etc.) and was wondering if the authors plan to include this payment in the definitive RCT

3) The one item from the Lu et al. questionnaire should be described e.g. the specific question being used as an outcome measure. I see that the self-report measures of adherence have been removed from the screening process but are they still being included as an outcome measure.

Level of interest
Please indicate how interesting you found the manuscript:

An article of importance in its field

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable
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