Reviewer’s report

Title: Assessing the feasibility and acceptability of Changing Health for the management of prediabetes: Protocol for a pilot study of a digital behavioural intervention

Version: 1 Date: 22 Aug 2019

Reviewer: Cathal Cadogan

Reviewer's report:

Thank you for your comprehensive response to my previous comments. I have a few additional comments below.

General comment

Please check for typos: e.g. incluing, technqiues, incorpoareted
I've also noticed a few grammatical issues (e.g. "in accordance to")

Title: I don't think Changing Health fits the way that it is currently incorporated into the study title: suggest omitting

Abstract: secondary outcomes are referred to but a primary outcome has not been explicitly defined

Introduction

P5 Line 22 - sentence starting ". Specifically, the scope of the intervention was expanded …." is very long

In terms of the Movement as Medicine intervention programme, it would be nice to include mention of some of the component BCTs. For example, you could include them in brackets within the sentence:
"DVD providing narratives of the types of activity others had chosen to successfully manage their diabetes, paper-based resources to help facilitate a discussion about increasing activity levels, and planning and monitoring resources incluing a pedometer"

The word outcomes is used at the end of introduction; but I'm wondering if objectives would be the more appropriate term

Methods
"Recruitment and inclusion criteria"; suggest re-labelling as "Sampling and recruitment"
Table 1 presents inclusion/exclusion criteria; but then additional exclusion criteria appear to be introduced later. In Table 1, I don't see mention of the discrepancies/inconsistencies with blood tests that are outlined later on: suggest presenting a more comprehensive summary of inclusion/exclusion criteria

Intervention

The new text that is introduced does not sit correctly - suggest revising this section to aid flow

"A mixed methods approach will be adopted to establish feasibility and acceptability. As such we will collect data on the following:"

This format doesn't work; suggest replacing with

"A mixed methods approach will be adopted to establish feasibility and acceptability. As such we will collect data on feasibility and acceptability as outlined below."

It would be good to define the feasibility parameters e.g. what do you mean by adherence rates? How will these be calculated? etc

In terms of order, I am not sure why qualitative investigation and progression criteria are introduced between primary and secondary outcomes - this doesn't flow correctly

Criteria to proceed to a larger evaluation: some of these are potentially overly rigid or open to considerable interpretation - is it realistic to expect to retain all 40 participants (if that is your "required number"), what is satisfactory engagement?

The following paper might be worth consulting:

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