

## PEER REVIEW HISTORY

BMJ Open publishes all reviews undertaken for accepted manuscripts. Reviewers are asked to complete a checklist review form (<http://bmjopen.bmj.com/site/about/resources/checklist.pdf>) and are provided with free text boxes to elaborate on their assessment. These free text comments are reproduced below.

### ARTICLE DETAILS

<b>TITLE (PROVISIONAL)</b>	Effect of routinely assessing and addressing depression and diabetes distress using patient reported outcome measures in improving outcomes among adults with type 2 diabetes: a systematic review protocol.
<b>AUTHORS</b>	McMorrow, Rita; Hunter, Barbara; Hendrieckx, Christel; Kwaśnicka, Dominika; Cussen, Leanne; Ho, Felicia Ching Siew; Speight, Jane; Emery, Jon; Manski-Nankervis, Jo-Anne

### VERSION 1 – REVIEW

<b>REVIEWER</b>	Marjolein M. Iversen Western Norway University of Applied Sciences, Norway
<b>REVIEW RETURNED</b>	02-Nov-2020

<b>GENERAL COMMENTS</b>	<p>Thank you for this clear and well-written manuscript. I have three minor comments.</p> <p>In the section “Article Summary/strengths and limitations”; the sentence: "Our review will assess the impact of patient-reported outcome use in type 2 diabetes on a range of clinical outcomes" - please clarify this sentence in accordance with the objective of the study;</p> <p>Methods: criteria for the intervention are clearly specified. 1) “Completion of PROMs by an adult with type 2 diabetes, includes self-completed or interviewer-administered measures of depressive symptoms. This is exemplified by Patient Health Questionnaire, the Beck Depression, inventory or Centre of Epidemiological Studies – Depression Scale”.</p> <p>The HADS scale, can be used in relevant studies but is not mentioned/included in the search strategy.</p> <p>Outcomes: One of the secondary outcomes is “Reported diabetes self-management at follow-up”. It is not clear to me what will be extracted. Neither is this variable mentioned in the section "data to be extracted".</p>
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<b>REVIEWER</b>	Romana Albaladejo Vicente Complutense University of Madrid Spain
<b>REVIEW RETURNED</b>	04-Nov-2020

<b>GENERAL COMMENTS</b>	An interesting well written protocol. I think it can be accepted in the current form.
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## VERSION 1 – AUTHOR RESPONSE

Reviewer 1

Article Summary/strengths and limitations

In the section “Article Summary/strengths and limitations”; the sentence: "Our review will assess the impact of patient-reported outcome use in type 2 diabetes on a range of clinical outcomes" - please clarify this sentence in accordance with the objective of the study;

Changes made

Thank you for this feedback. We have updated the sentence to reflect the methods proposed in keeping with our review objective.

See page 3, “Our review will assess the impact of patient reported outcome use in type 2 diabetes on a range of clinical outcomes including glycaemia, depressive symptoms, diabetes distress, well-being, and diabetes self-management.”

Methods

1) “Completion of PROMs by an adult with type 2 diabetes, includes self-completed or interviewer-administered measures of depressive symptoms. This is exemplified by Patient Health Questionnaire, the Beck Depression, inventory or Centre of Epidemiological Studies – Depression Scale”.

The HADS scale, can be used in relevant studies but is not mentioned/included in the search strategy.

Changes made

Thank you for this feedback. PROMs measuring constructs such as anxiety (as HADS measures both anxiety and depressive symptoms) were not listed as an example PROM or directly listed in the search

strategy. However as stated on page 7: “the PROMs to be included will be broadened based on the PROMs measuring depressive symptoms or diabetes distress identified during the search.”

#### Outcomes

One of the secondary outcomes is “Reported diabetes self-management at follow-up”. It is not clear to me what will be extracted. Neither is this variable mentioned in the section "data to be extracted".

#### Changes made

Thank you for this feedback. An example of how we will extract data related to diabetes self-management has been added. See page 7,

“..for example change in diabetes self-management as measured by the Summary of Diabetes Self-Care Activities (SDSCA)”

The data to be extracted is included in the data extraction sheet.

#### Reviewer 2

An interesting well written protocol. I think it can be accepted in the current form.

#### Changes made

We would like to thank the reviewer for the positive feedback.