Reviewer’s report

Title: Informal carers’ experience of assistive technology use in dementia care at home: A systematic review

Version: 0 Date: 05 Apr 2019

Reviewer: Jean Daly Lynn

Reviewer’s report:

This is a very well writing paper and addresses the current gap in the literature.

The aims were addressed within the paper and four recommendations were provided as an outcome of this review.

Below are some comments to help improve this submission

88 The reviews aims are clearly set out and the data extraction tool PRISMA referred to. Please give details on how this was used and which supplementary file you are referring to.

132 The search strategy says 'to present' for all the databases. The date the search was completed should replace word present.

Figure 1 very clear

Why were two reference management systems required (176)?

Could you be more specific instead of ‘several studies’ (192)?

There is a quality appraisal undertaken of the included studies but it is not clear how this impacts on the findings?

Could you be more specific here instead of term most (254) ? As I don't know where Table 2 will sit I can easily find the information.

References would be helpful here (267)

PwD is not a person centred term. You should refer to the person, persons, or people living with dementia

63-65 sentence is unclear what you are trying to say:

90 Both quantitative and qualitative study designs were included.- I assume mixed methods also?

The paper requires another review to correct typos (and missing commas throughout) such as
Either use numbers or words (184)

Consider rephrasing 384-386; 411-414;

301 Quality of life statement- consider rephrasing could read better

326 ethical issues statement- consider rephrasing could read better

337 Raising issues of using AT- using words such as convincing and using 'different methods' does not read very person centred especially words such as hostility and lack of understanding. Consider addressing these points keeping in mind the personhood of people living with dementia.

The term wandering is no longer used- wander walking is preferred see reference:


Can you give more detail around this statement 'may like a specific type of AT' (370)? I'm not sure from reading the results what you mean.

Who is the reference for this quote 113?

'any advanced electronic equipment, which can be used to enhance support and care, act as a prompt for intervention by carers, monitor welfare and assist in communication and leisure activities for a PwD'.

I would query formatting for this 141

Table one reference Martin- study set in Northern Ireland (not Ireland as specified)

Interestingly (297) caregivers priorities safety over autonomy- It would be worth considering the different needs of people living with dementia and caregiver from what you have found in the literature.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes
Are the conclusions drawn adequately supported by the data shown?  
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?  
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

Not relevant to this manuscript

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

Needs some language corrections before being published

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