Reviewer's report

Title: Enhancing delivery of osteoarthritis care in the general practice consultation: evaluation of a behaviour change intervention

Version: 0 Date: 22 Nov 2016

Reviewer: Cornelia Helena Maria Van Den Ende

Reviewer's report:

This manuscript describes a study with a pre- and posttest design, embedded in the Management of OsteoArthritis in Consultations ((MOSAICS) trial, on the effects of workshops (two sessions) on consultation behaviour of general practitioners. Data using video-recorded GP consultations with simulated OA patients were collected in a sample of 15 GPs intending to attend the workshops. This paper addresses an original and relevant research question. In general, more details about the methodology and more reflection on the results are needed.

Concerns

Insufficient information is presented about the number of potentially eligible GPs (GPs of those practices participating in the MOSAICS trial) is needed). Consider to include a flow chart explaining the flow of invited, included GPs and the number lost to follow up.

More details about the intervention and its delivery are needed. Please consider to use the GREET-recommendations for reporting educational interventions for facilitating foundation knowledge and skills in evidence-based practice (EBP).

Data assessment:

GP competency was measured during planned consultations with a simulated patient. Information should be provided about the number of simulated patients and the number of "different stories" used. Is it possible that a learning effect could account for the results? How was assessment of videos standardized, how many assessors were involved?

Discussion

The discussion section lacks a thorough reflection upon possible limitations of the study.
Some methodological issues and results are reported in the discussion section (instead of the methods / results section); e.g. use of random order in assessing videos, blinding to time-point, association between consultation time and outcome.

In addition, the feasibility of the intervention should be discussed; do the results outbalance the costs in terms of time and costs of the intervention?

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

No

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

No

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:

Acceptable
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