Reviewer’s report

Title: Barriers and Facilitators to Implementing Cancer Prevention Clinical Decision Support in Primary Care: A Qualitative Study

Version: 0 Date: 25 Mar 2019

Reviewer: Dorte Gilså Hansen

Reviewer's report:

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BMC Health Serv Res

Barriers and Facilitators to Implementing Cancer Prevention Clinical Decision Support in Primary Care: A Qualitative Study

This study aimed to identify pre-implementation barriers and facilitators for the cancer prevention components of the integrated CDS system. The authors did so by interviewing healthcare system leadership and cardiovascular CDS intervention clinic key informants prior to the implementation of the cancer prevention and screening CDS.

Studies that aims to add to the existing knowledge about implementation of clinical decision support tools may have potential for an international, scientific audience.

The study should be reported in line with international reporting guidelines https://www.equator-network.org/reporting-guidelines/, i.e. the SRQR: Standards for reporting qualitative research: a synthesis of recommendations.

I highly recommend a professional language-editor for proofreading of the manuscript. A substantial number of sentences are too long and difficult to understand.

The analytical process is unclear. The different steps of the data analysis should be explained in detail and be transparent to the reader through the result section.
The presentation of main results in the beginning of the Discussion Section says that "Five overarching themes were identified in the data, including barriers and facilitators related to the EHR, the CDS system, CDS users, training, and the organization. These influential factors are not new and are likely found in relation to most primary care-focused interventions. However, they do need to be addressed for the CDS to be successfully adopted by rooming staff, PCPs, and ultimately patients." It does not become clear what this study adds to the existing literature. The usefulness of study results outside the specific study setting remains unclear.

Minors:

Several contextual components are unknown to the readers, as for example "Annual Wellness Visits performed by RNs"

Please add to the title of Table 1, that "n" (=28) refer to number of informants, not number of barriers and facilitators.

References: Not all are useful, for example reference 5 "Manuscript under review. n.d.", reference 18 HyperRESEARCH 4.0.1. 1988-2018."

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.

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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