Reviewer’s report

Title: Factors influencing national implementation of innovations within community pharmacy: a systematic review applying the Consolidated Framework for Implementation Research

Version: 0 Date: 22 Aug 2018

Reviewer: Ariadna Nebot Giralt

Reviewer’s report:

Thank you for this manuscript. I would like, first, to start by some general reflections:

This is an article that could be of importance in its field because, by looking at the challenges of innovating in community pharmacy through the staff perception, challenges of the pharmacist sub system within the health systems could be highlighted. Unfortunately, the approach used to identify factors influencing these innovation implementations (a single rigorous systematic review) doesn't allow to come up with a strong discussion. The list of factors proposed could be, mostly, common to any innovation implementation process in any other field. One way to make reflect the add value of the author's work would be to use propose an initial hypothesis/causal theory of how innovations at community pharmacy level could work and, afterwards, to make sense of the factors they identified by redefining this initial hypothesis. In a way, the importance of this article may be to present these factors influencing at community pharmacy level as part of a health system and not as an isolated case.

The specific comments are:

Line 185: Among the study characteristics, did the authors included papers from all over the world?

Line 189: Among the 4 categories concerning the innovation types, there is one labelled as the 'legislative changes'. Later in the paper there are not referring to any legislative example. Can the authors describe a bit better which kind of innovations are included there?

Line 272: The title here is 'External policy and incentives' but the development of this paragraph is almost all focused on incentives. Again, can the authors justify to which examples of 'external policy' they refer to?

Line 273-Line 289: Which is the difference between 'incentives' used in the title of line 272 and 'organisational incentives' used in the title of line 289?

Line 319-320: In this paragraph 'complex operationalisation of the innovation' is mentioned and 'complex remuneration or reporting processes' as well. I would tend to say that the second sentence is part of the first. What the actors referred to by 'complex operationalisation of the innovation'?
The title here is 'cosmopolitanism' but the paragraph is following points out about dysfunction of communication and coordination between health professionals. If we refer to the Alma-Ata and primary health care principles, the problems of communication and coordination not necessary appear because of the cosmopolitanism but because of the health system organisation weaknesses and its pillars. Instead to accept this 'new concept' I would suggest to look into the literature to better describe and refer to this phenomenon.

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