Reviewer’s report

Title: Medication adherence influencing factors – an (updated) overview of systematic reviews

Version: 0 Date: 31 Dec 2018

Reviewer: Martel Chachou

Reviewer's report:

Peer-reviewed report for an Overviews of systematic reviews (OoSRs), SYSR-D-18-00489

Date: 31th December 2018

Title: Adherence influencing factors - an overview (update)

General comments on this Overviews of systematic reviews (OoSRs), work content: This OoSRs: "Adherence influencing factors - an overview (update)" is an important topic on factors that can influence adherence of adult patients with physical chronic diseases. The process of documenting this OoSRs was properly structured, and did follow closely BMC Systematic Reviews guidelines of producing an OoSRs.

There were a number of errors, just to state few of them: ideas misplacements in text body (Abstract/Synthesis of results), brief background provided on current topic, calculating of The Corrected Covered Area (CCA), as on my side I can view it, even in the appendix section, when is the case update it alongside the previous first two comments before final version OoSRs publication.

Abstract/Synthesis of results: Page: 3 Line: 57, please did we really need these sentences, as stated: "There was no funding for this overview. The overview was not registered", however the registration component of this sentence may appear here, but the funding idea I questioned it. In addition, look at the bottom of Synthesis of results section, Page: 6 Line: 38 to 41 and make the changes, as already stated above, as the idea is not appropriately placed.

Background: Page: 4 Lines: 7 to 26, adding more background information will enhance understanding of the topic; currently this section content is too brief.

Risk of Bias Assessment of individual studies and across studies: Page: 6 Line: 7 to 9, please revisit this sentence: "The risk of bias assessment of these SRs was therefore performed by another reviewer to avoid as biased assessment.", and convey appropriate meaning.

Characteristics of included systematic reviews: Page: 8 Line: 29 to 30, was it not appropriate to show to readers of this review how you arrived at the figure 0.5%: The Corrected Covered Area (CCA)
Final Comments: closely appropriate systematic approach to the documentation of this OoSRs. An improved version is needed, after updating current version based on comments raised.

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An article whose findings are important to those with closely related research interests

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No