Reviewer's report

Title: Impact of vitamin D supplementation on C-reactive protein; a systematic review and meta-analysis of randomized controlled trials

Version: 0 Date: 16 Dec 2016

Reviewer: Nabil Alshurafa

Reviewer's report:

This paper shows the limitations of the existing literature regarding proof of the effect of vitamin D supplementation on C-reactive protein. However, one major concern is it is not understood whether these studies were specifically studying the effect on vitamin D on C-reactive protein, and whether the results from these papers are significant or not. This is essential to clarify. The following minor fixes need to be made before publication:

1. Page 5, "the effect of vitamin D supplementation on the outcomes of interested." --> should be "...outcomes of interest."

2. Page 7, "The used following formula:..." ---> should be "The following formula was used:..."

3. Page 9, Can something be said about studies with one gender or BMI predominantly represented regarding the effect of vitamin D on C-reactive protein?

4. Page 13, "In this regard, year-long vitamin D supplementation.....or geographical location which study conducted (40)." --->This sentence is confusing and needs to be reworded.

5. Page 13, Line 298, "there are some potential limitations that need to be addressed." --> should be capitalized.

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.

I am able to assess the statistics

**Quality of written English**

Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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