Reviewer’s report

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

Version: 1 Date: 12 Mar 2017

Reviewer: Nabil Alshurafa

Reviewer's report:

The authors have addressed my main concerns. However, I have a few other minor concerns:

1. Regarding the meta-analysis of 10 randomized controlled trials performed by Chen et al., did you incorporate all of his papers in your analysis? or were some of them filtered by your review criteria.

2. In the discussion you state "heterogeneity across the findings of the studies may be due to baseline hs-CRP level, supplemental dose of vitamin D and intervention duration..." what about them, can you be more specific, is it that he baseline was high, and same with intervention duration--was it too short?

3. In your conclusions you say larger sample sizes and longer-term follow-up periods are necessary, was the 12 months not enough?

4. Line 126 you mentioned "unknown risk of bias." What did you do with those studies did you include them in the meta-analysis?

4. Introduction: Be consistent with capitalization "Vitamin D" should be "vitamin D"

5. Line 53, space between "trials(5,6)."----a few of these need to be fixed

6. Lines 67 and 68, "addressed this issue-is date back-" I believe you mean "issue-dates back to"?

7. Line 189 ".we" should be ". We"

8. Line 267, fix spacing.

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 recommend additional statistical review

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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