Reviewer’s report

Title: Association of Micronutrient Deficiency and Acute Respiratory Infections in Healthy Adults: A Systematic Review of Observational Studies

Version: 0 Date: 22 Oct 2019

Reviewer: Lemma Altaye

Reviewer's report:

1. General comments

   * Well stated review

   * see and revise for grammatical and spelling

   * Avoid some unnecessary headings in the method part and others section.

   * Where are the keywords you use for search engines (please show all keywords included under quotation conjuncted by or, and)?

2. Specific comments

   * Line 1= need title modification. it is preferable as =Association between Micronutrient Deficiency and Common Cold in Healthy Adults: A Systematic Review of Observational Studies

   * Line1= your finding deals with "Micronutrient Deficiency and Cold in Healthy Adults” but your literatures includes pneumonia, influenza, RTI and URTIs. So, how did you conclude these all terms by "cold" only?

   * Line 1= where is the place this study is conducted? Or what is the context or setting of this review?

   * Line16= use "common cold' rather than "cold "only throughout your document. Because the word "cold" by itself has more than one meaning.

   * Line 29= who are deficient group and non-deficient groups? What mean deficient group and non-deficient groups

   * Line 44= micronutrient deficiency is a part of undernutrition. So, how did you see this sentence?
Line 67-68= why you are only limited to four electronic databases (PubMed, Cochrane Library, Embase and Scopus) were searched in January 2019 to identify observational studies?

Line 72= you are saying that language restrictions were not applied in the search strategy. But you are also saying in line 78-80= "Types of studies: Observational studies which included a comparator group in the study design i.e. case-control, cross-sectional and cohort study designs, and were reported in English". How did you see this contradiction?

Line 86= what about the mineral "iodine" which is the prevalent problem globally?

Line 89-90= this criteria is not clearly consistent with your title/objective and is not well addressed. =Types of outcome measures: Reported episodes, duration (in days) and/or severity scores of cold (primary outcome) or CAP episodes (secondary outcome)???

Line 159= what information is missed? Try to explain it

Line 261-296= could you think that VDD can estimate or delegate for all the other micronutrients? Why you are trying to modify your title according to this sentence? \"the small number of studies included in this review and identification of vitamin D as the sole micronutrient studied for the outcomes of interest in our target population highlights the paucity of such studies in this population\" (my personal view).

Line 322-324 ="Quality" in research refers to both methodological and reporting quality of a study" what is the point you give for the quality of the literatures? Or what is the criteria to high qualified literature?

Level of interest
Please indicate how interesting you found the manuscript:

An article of importance in its field

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

Needs some language corrections before being published

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