Reviewer’s report

Title: Prevalence of osteoporosis and osteopenia in men and premenopausal women with celiac disease: a systematic review

Version: 0 Date: 29 Aug 2018

Reviewer: Melaku Engidaw

Reviewer's report:

Generally

How did you address or assess the effect of comorbid diseases? The prevalence/ result the result of your selected studies were overestimated.

Abstract

Better if you rewrite the 1st 2 lines under the result section of the abstract

Since it is a pooled prevalence, you should have to add recommendation in the conclusion part of the abstract.

Background

Better if you review the usage of articles like the, a, an … etc. E.g. paragraph 1, line 3 " current …..." must be "the current …".

Better if you rewrite in 3 or 4 paragraphs, It is too long and difficult to grasp the main idea How did you rule out other diseases that will cause this problem and what about the differential diagnosis as well as comorbidities with celiac diseases?

Methods

Why only you focus on PubMed and Scopus Databases? What about Cochran library, Google scholar, etc.
What will you do if you have got a publication with another language (other than English) because you stated that "No language or..." paragraph 1, line 6 under search strategy. It must be clearly stated.

Is there a possibility of hand searching?

Did you include or exclude reviews that reiterated findings from already included studies (you mention in the background section of the last lines, reference number 10 and 25)

Result

What about heterogeneity and publication bias?

What about the sensitivity analysis?

The 1st two Sentences under "Bone mineral density" title needs references

Discussion

Better if you review the usage of articles like the, a, an … etc. E.g. paragraph 1, line "aim ....." must be "the aim ...".

Better if you rewrite in 5 or 6 paragraphs, it is too long and difficult to grasp the ideas for those who have similar ideas

Can you add a justification for the variation or similarity while you are trying to compare the findings?

Conclusion

What is your recommendation as an intervention plan? Because this is a systematic review with a pooled prevalence? and do you think writing the percentage in the conclusion part is recommended

List of abbreviations

Better if you rewrite like this "CD: Celiac Disease"
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

Declaration of competing interests
Please complete a declaration of competing interests, considering the following questions:

1. Have you in the past five years received reimbursements, fees, funding, or salary from an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?
2. Do you hold any stocks or shares in an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?
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5. Do you have any other financial competing interests?
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