Reviewer’s report

Title: VITAMIN D STATUS IN HEALTHY BLACK AFRICAN KENYAN ADULTS AT A TERTIARY HOSPITAL IN NAIROBI, KENYA: A CROSS SECTIONAL STUDY

Version: 0 Date: 08 Aug 2018

Reviewer: Tarek Hiwot

Reviewer's report:

The authors describe the cross sectional study of VD status in health Kenyan and has shown the level of VD deficiency in their study cohort. There is a lack of data of VD level in African population and their data will add additional support to fill this gap. However, authors should consider the following amendment to their manuscript:

1. Conclusion in the abstract is too lengthy and needs shortening.

2. There is too much emphasis stating the study subjects "African". In actual fact they can be more specific and say Kenyan instead. It is a big content to be represented with small sample of 253 subjects.

3. Result section 2nd paragraph: overall 62 of the study participants were "male" should be changed to female.

4. Table 3 can be omitted and just being described in the result section

5. Discussion- this is an area where they need good revision. For example, paragraph 2 starting with " A few studies of vitamin D…” should be deleted altogether. The author provides an alternative hypothesis of an unpublished study done by Dodie et al. The authors on one hand contradict with the endocrine society cut off level of VD on one hand when their result support the society cut off point.
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.

Unable to assess

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:

Acceptable

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