Reviewer’s report

Title: Vitamin D Metabolites Across the Menstrual Cycle: A Systematic Review

Version: 0 Date: 01 Oct 2018

Reviewer: Santiago Palacios

Reviewer's report:

It is an interesting topic, although I think it would be best to know the influence of the levels of estradiol and progesterone throughout the cycle on 25-OH-Vitamin D. The latter, could not be determined.

And the fact is that the number of studies and cases is small, for that reason I think that it has not been possible to reach a definitive conclusion. It would be interesting to see if there is any difference in age between the studied population, with groups of 18 to 35 years, and 36 to 47 years.

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

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Yes

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