Reviewer’s report

Title: The Effects of Two Vitamin D Regimens on Ulcerative Colitis Activity Index, Quality of Life and Oxidant/Anti-Oxidant Status

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Reviewer: Giorgia Burrelli Scotti

Reviewer's report:

This article investigated the effects of two dosages of vitamin D supplementation on serum vitamin D concentration, oxidative stress, quality of life, and disease activity in Ulcerative colitis patients.

The paper is well structured although some more explanations are needed with regards to:

- which therapy patients were taking during the study and if it was different between the two groups.

- were the baseline VitD serum concentrations significantly different between the two group? (in the high dosage group the concentration was lower the in the low dosage group).

- The high dose group had a basal Clinical Activity Indicator Questionnaire score and a IBDDQ respectively higher and lower than the lower dose group, could it influences the results?

- Has been evaluated the systemic phlogosis by biochemical markers (e.g. CRP or ESR)?

- why was a daily VitD supplementation chosen and not a monthly or weekly one? Have you evaluated patients' compliance in taking pills?
Minor issues:

- Few words should be written as introduction in the abstract.
- There are numerous missing blanks throughout the manuscript.
- Table 2 could be synthesized reporting only BMI (the waist/hip ratio or waist circumference...are not necessary to the aim of the study)
- In table number 5 "p values" should all reported in the table or all in the footnotes.

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

An article whose findings are important to those with closely related research interests

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

Needs some language corrections before being published

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