Review of: "Effect of Supplementation with Moringa oleifera on Antioxidant and Oxidative Stress Biomarkers of Infertile Women: A Pilot Open-Label Randomized Clinical Trial"

Sontaya Sookying

Potential competing interests: No potential competing interests to declare.

The study entitled “Effect of Supplementation with *Moringa Oleifera* on Antioxidant and Oxidative Stress Biomarkers of Infertile Women: A Pilot Open-Label Case-Control Randomized Clinical Study” provides information about the antioxidative capacity of *Moringa oleifera* L. in infertile women. The changes and additional discussions should be considered to improve the quality of the manuscript.

- Please correct the typos and apply the abbreviations and scientific names consistently.
- Please revise the table legend of Table 2 to match the group numbers specified under the “Study population” section.
- There were more than half of the loss to follow-up cases in the treatment group. The final number of patients was lower than that of the calculated sample size. This might affect the results, and the authors have mentioned this issue as one of the major limitations in the “Limitations of the study”. How about other limitations? Please clarify.
- Are there any reasons for non-compliance and non-follow-up other than the pandemic of Covid-19? Please provide more information.
- From the results, the improvement of biomarkers of oxidative stress in the infertile women who received *M. oleifera* was not significantly different from the control group. Are there other factors that might affect the results? Were the dose of *M. oleifera* and the duration of drug exposure in this study appropriate ?
- The safety information such as adverse events, side effects, etc., should be reported.
- More advantages, limitations, and other safety information of supplementation with *M. oleifera* may have been informed and discussed. For example, the herb-drug interaction when *M. oleifera* has been coadministered with other drugs and/or dietary supplements and herbs.