

Review of: "Effect of Supplementation with Moringa Oleifera on Antioxidant and Oxidative Stress Biomarkers of Infertile Women: A Pilot Open-Label Case-Control Randomized Clinical Study"

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Potential competing interests: No potential competing interests to declare.

1. The term '*Moringa oleifera*' is italicized. Please standardize it as there are a lot of typos with the plant scientific name. There are also spacing errors in the manuscript.
2. This trial should follow the gold standard of RCTs so that the results can be reliable. Open-label trials are subjected to the risk of bias in terms of blinding and other assessment bias.
3. There should be more details on the intervention, such as the authentication of the plant with a voucher specimen or herbarium depository number; the plant part used; standardization details of the composition compounds in the supplement used.
4. There are no baseline characteristics of the included patients to enable comparison. It is also important to state the conditions of the women which cause infertility (e.g., polycystic ovary syndrome, tubal infertility, endometriosis, etc).
5. The study should actually cover parameters on infertility such as hormone levels or ovarian function as added value to the plant's efficacy.
6. The huge loss to follow-up in the intervention group is a concern. More than 20% and it directly affects the results.

Therefore, this trial needs to be improved in order for the data to pose any meaningful interpretation.