

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.

The manuscript titled "Effect of Supplementation with *Moringa Oleifera* on Antioxidant and Oxidative Stress Biomarkers of Infertile Women: A Pilot Open-Label Case-Control Randomized Clinical Study - KMR4OD" is a scholarly article. I will recommend the following revisions.

1. I will suggest the title "Effects of Supplementation with *Moringa oleifera* on Antioxidant and Oxidative Stress Biomarkers of Infertile Women: A Pilot Open-Label Case-Control Randomized Clinical Study" with "s" in the effects.
2. In the abstract, the authors stated that "Clinical studies investigating the effect of supplementation with moringa oleifera on antioxidant and oxidative stress markers of infertile women are depleted". Does this refer to the current study or a reported study? If a reported study, what differentiates their study from the mentioned one?
3. Why did the authors choose to use a significant level of ($p \leq 0.05$) and not ($p \leq 0.01$) or ($p \leq 0.001$)?
4. "A total of 100 women" should be excluded from the abstract since ONLY 60 participants were used in the study. These exclusion criteria can be stated in the methodology, not in the abstract.
5. All *Moringa Oleifera* should be *Moringa oleifera*, with a small case "o" for *oleifera*. All scientific names in italics.
6. You may wish to quote the Ethical approval number if available.
7. The 2g supplemented *Moringa oleifera*, was it based on patient weight or a general measure that was administered across the board?
8. Why did the authors choose the age bracket of 35-50 years? Considering the childbearing age of women and their most fertile periods?
9. From Figure 1. Study Flow Chart (CONSORT), the number that completed the study (10) was not up to the required number from Jaykaran and Biswas (2013) of 16 to 20 participants.
10. LH, FSH, E2 should be written in full at first mention.
11. Use small cases for malondialdehyde (MDA), total plasma peroxide (TPP), lipid hydroperoxide (LPO), total antioxidant capacity (TAC), glutathione reductase (GR), and glutathione (GSH).
12. In the abstract conclusion, authors stated that "Supplementation with moringa oleifera in infertile women could help reduce the effects of OS and may likely improve pregnancy outcomes." "and may likely improve pregnancy outcomes" should be excluded as it was not part of the scope of the present work.

13. Maintain the same format of referencing throughout the manuscript. Some references are in normal brackets () and some are in square brackets [].
14. Adjust all references according to Qeios standards.