

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.

Point 1: In the Abstract and body of the manuscript, the number of subjects used for the study was 90, comprising 60 infertile (case and control groups) and the 30 fertile group (for baseline comparisons). The 40 excluded following pre-enrolment screening do not constitute part of your actual sample population.

Point 2: You cited abnormal hormonal profile as one of your exclusion criteria. Women presented with primary infertility present variations in normal hormonal patterns/levels juxtaposing with the report of Maurico and Ludovico, 2013 & Sang et al., 2023. My view would have been to incorporate a hormonal assay investigation into this study if you had to make the findings more robust.

Point 3: Cite the Ethical approval number for the study. The brand name, batch number, as well as other relevant details of the supplement, should be provided.

Point 4: In your Results, be specific with respect to established comparisons between fertile and infertile groups. This was erroneously reflected in the third paragraph of your Discussion.

Point 5: It is generally more acceptable to present your statistical table with Mean \pm SD values and p-values only. Graphical representations are highly encouraged.

Point 6: References: The list of references does not show consistency regardless of the journal referencing style. In the in-text references, either use brackets or parentheses not both.

Point 7:: Looking at the study, I wonder about the rationale behind the choice of the age range (35-50 years) of the participating subjects. There is knowledge that progressive aging may affect fertility, promoting reproductive decline. Kindly provide the basis for this choice.