

# 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 article, "Effect of Supplementation with Moringa Oleifera on Antioxidant and Oxidative Stress Biomarkers of Infertile Women: A Pilot Open-Label Case-Control Randomized Clinical Study," presents a valuable contribution to the understanding of the relationship between moringa oleifera supplementation and oxidative stress in infertile women. The abstract effectively summarizes the study's objectives, methodology, and key findings. However, certain aspects could be revised to enhance clarity and completeness.

The abstract appropriately introduces the background, emphasizing the relevance of oxidative stress in infertility. To improve clarity, the abstract could provide a brief overview of moringa oleifera, ensuring readers unfamiliar with the supplement can better contextualize the study.

In the methodology section, details on the exclusion criteria for the 40 women with elevated reproductive hormones could be beneficial. Additionally, specifying the randomization process and blinding procedures would enhance the study's methodological transparency.

The conclusion is well-written and effectively summarizes the key outcomes. However, offering insights into potential mechanisms through which moringa oleifera may influence oxidative stress or discussing limitations and avenues for future research would enrich the conclusion.

In summary, the abstract is well-structured, but certain revisions, such as providing additional details on methodology, statistical significance, and potential mechanisms, would enhance its overall quality. The study offers valuable insights, and addressing these suggestions will contribute to its robustness and impact.