

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

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Potential competing interests: No potential competing interests to declare.

Review Report for 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

Comment: The study is well designed and well written; however, it needs minor improvement.

Abstract:

Background: Needed to add a few lines about what *Moringa oleifera* is and when it was first used to treat infertile women.

Method: The writer explained the overall steps, not the technique—how does ELISA work?

Conclusion: It needed to be rephrased. Infertility can be caused by many reasons, not only oxidative stress, but the researcher did not prove all other factors behind the infertility. Also, he can write that among other causes of infertility, one of the reasons might be an increased level of oxidative stress that can be treated with moringa supplementation, as it is concluded in our findings by measuring higher antioxidant levels in the moringa-treated control group.

Introduction: Lot of detail in the introduction, but no specific information is provided for the moringa plant.

It needs to be added at the beginning.

Methodology: This part is well written; however, a few references need to be added in comparison with previous research.

Results: Well presented.

Discussion: The first few lines were already presented in the intro; no need to revise.

The second paragraph lacks a reference, and the third and fourth show irrelevant details.

In the last paragraph, again, a moringa introduction is given; it's not a discussion.

I'm sure someone else did work on moringa and infertility before, but no study is provided for result comparison. The discussion part should be rewritten.

Conclusion: It needs to be elaborated.