

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.

In this manuscript, the authors described the effect of supplementation with Moringa Oleifera on some antioxidants and oxidative stress biomarkers of infertile women. To consider the article for publication, several important points need clarification.

The manuscript would benefit from English language editing throughout for clarity.

Abstract:

Result: removed `` slightly``

Introduction

1. Reference is missing in the second paragraph of the introduction.
2. ``Evidence abounds on the role of ROS in female reproduction``. The author should list some studies as references in humans and animals.
3. Replace `` Excess ROS in the follicle.....`` with `` Excess ROS production by the follicle....``

Laboratory Methods

1. Why did the authors not evaluate the level of nitrite, a marker of oxidative stress well described in the literature?
2. The authors should better describe the MDA analysis, indicating how the standard curve was made and the blank.
3. N = 40, *p<0.05 (i.e., significant), please remove i.e.

Why was no

4. Why no phytochemical analysis was carried out to identify plant components?
- 5.

Discussion

1. The authors should better discuss the results. They mentioned that the presence of flavonoids in the plant results in a reduced generation of free radicals with an increase in antioxidant biomarkers, but no analysis of identification and quantification of plant secondary metabolites was carried out.
2. The authors must explain why only 2g of the plant was used and why it was administered daily for four weeks.

Conclusion

Please add some perspectives in the conclusion.