

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 author studied the effect of Moringa Oleifera supplementation on antioxidant and oxidative stress markers in infertile women. Their evaluation showed that some markers of oxidative stress were higher in infertile women than in fertile women. The application of Moringa seems to reduce the markers in an important way.

The study and its conclusions are interesting; however, I have some questions and suggestions.

- 1) How did the authors choose the administration doses of Moringa Oleifera?
- 2) Is the complete composition of Moringa Oleifera known? I suggest describing it in detail.
- 3) I suggest describing the characteristics of the participants in more detail.
- 4) The data reported is interesting, but I think it is equally important to study and describe the possible underlying mechanisms of inflammation or oxidative stress. What are the molecular targets that supplementation regulates?
- 5) The authors should add details in the methodology section, such as how the sample (blood) was collected.
- 6) I suggest checking the references included in the paper; there are some typos.