

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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This article explores the therapeutic effectiveness of Moringa oleifera supplementation when used to improve infertile female patients' antioxidant capability, aiming to restore female reproductive function.

While this paper appears to be well-written, unfortunately, the findings within the reported data lacked statistical significance in a way that the authors were not able to generate sound and conclusive evidence, which would either advise for or refute the use of this therapy.

Limitations governing such an outcome include the small sample size and the challenging circumstances related to the COVID-19 pandemic, which resulted in a significant loss of follow-up among those patients.

Despite our eager need to improve the ongoing deteriorating overall reproductive health and the imminent desire to find tools that would ameliorate patients' fertility, it is also mandatory to exercise significant caution in using equivocal treatments that lack analytical evaluation and knowledge regarding their impact. Coming about with more comprehensive studies would not only result in reducing fertility-related costs and financial burden, but also be able to better guide patients by using proven tools with expected outcomes.

I finally hope for the authors to build upon their patient database and be able to come about with more robust statistical information.