

Review of: "The Efficacy of Copper Nanoparticles in Treating Viral Skin Infections: A Systematic Review and Meta-Analysis"

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Potential competing interests: No potential competing interests to declare.

The provided review paper appears well-structured and comprehensive, but there are a few potential negative comments or areas of improvement:

Lack of Specificity in Safety Assessment :The safety assessment of copper nanoparticles is generally positive, but the paper could benefit from a more detailed discussion on the specific methodologies and results of safety assessments. Providing more information on the duration of safety observations, the number of participants monitored, and any specific adverse events reported would enhance the credibility of the safety claims.

Limited Discussion on Study Limitations: While the paper mentions the need for further research, it would be beneficial to explicitly discuss the limitations of the studies included in the review. Addressing factors such as study design variations, heterogeneity among participant populations, and potential biases in the original studies would strengthen the overall interpretation of the findings.

Incomplete Presentation of Statistical Methods: The paper mentions the use of statistical methods for data synthesis and analysis, but it lacks specific details on the statistical techniques employed. Providing information on the choice of statistical tests, the criteria for statistical significance, and the handling of heterogeneity in meta-analysis would improve the transparency and reproducibility of the study.

Need for a Clearer Structure in the Conclusion Section:The conclusion section could be organized more clearly. Consider dividing it into subsections that succinctly summarize the key findings, discuss the implications for clinical practice, and outline specific recommendations for future research. This would enhance the overall impact of the conclusion.

Citations and Recent References: Ensure that the references cited are up-to-date, especially in the rapidly evolving field of nanotechnology and medical research. Some references are cited multiple times without clear indication of their relevance to specific points in the text.

By addressing these points, the review paper could become even more robust and effective in conveying the significance and limitations of the findings on the efficacy of copper nanoparticles in treating viral skin infections.

