

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.

General Comments: The article provides a comprehensive overview of the potential use of copper nanoparticles in treating viral skin infections through a systematic review and meta-analysis. The structure is clear, and the information is well-organized. However, there are some areas that could be improved for clarity and precision.

Consider breaking down longer sections into more subheadings to further improve the readability and organization of the manuscript.

Maintain a formal and professional tone throughout the manuscript.

Abstract:

- The abstract is well-structured, providing a clear overview of the study's purpose, methods, and key findings.
- Consider adding specific results or conclusions to give readers a more concise understanding of the outcomes.

Introduction:

- The introduction effectively highlights the importance of treating viral skin infections but could benefit from a more focused statement on the role of copper nanoparticles in addressing this issue.
- Consider refining the introduction to provide a more focused statement on the role of copper nanoparticles in treating viral skin infections. Clearly articulate the gap in existing treatments that copper nanoparticles aim to address.
- Ensure smooth transitions between sections. For example, after discussing the prevalence of viral skin infections, smoothly transition into the section on copper nanoparticles by explicitly connecting the two topics.
- can include the global prevalence rate / mortality rate/ in numericals
- Avoid unnecessary repetition, especially in the "Safety and Side Effects" section.

Methodology:

- The methodology section is detailed, outlining inclusion criteria, search strategy, and data analysis methods.
- Specify the time frame for the search to give readers an idea of the relevance of the included studies.

Findings and Analysis:

- The presentation of included studies and their characteristics is thorough and beneficial for readers.
- Consider including visual aids such as tables or figures to enhance the presentation of data.

Safety and Side Effects:

- The section on safety is valuable, providing reassurance about the use of copper nanoparticles. However, it could benefit from a more formal tone.
- Ensure consistency in referencing

Comparisons with Other Treatment Modalities:

- The comparison with standard antiviral therapies is insightful, but a more critical evaluation of potential limitations in existing studies could be included.
- Discussing the advantages and disadvantages of copper nanoparticles is beneficial; however, it might be helpful to delve deeper into the limitations and challenges in current research

Conclusion:

- The conclusion summarizes the findings effectively but could emphasize the need for further research more strongly.
- Suggest including specific recommendations for future studies to address the identified gaps.