

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

Dr. Ammara Saleem¹

¹ University of the Punjab

Potential competing interests: No potential competing interests to declare.

The **title** is clear and informative, providing a concise overview of the study's focus.

Abstract: To enhance the abstract further, consider the following suggestions: Ensure that the language remains clear and concise. Specify the types of viral skin infections under consideration, providing a more focused understanding of the study's scope. Emphasize what makes this study unique or differentiates it from existing research on the topic. How might the findings impact clinical practice or future research?

Keywords: specify the types or characteristics of copper nanoparticles studied. For example, "Antimicrobial Copper Nanoparticles"

Introduction

Here are some minor suggestions to further refine and enhance the **introduction**:

Ensure consistent terminology throughout the introduction. For example, in Section 2.1, you refer to "tiny particles of copper," and in Section 2.2, you mention "small size." Consider maintaining a consistent phrase, such as "nanoscale copper particles," for clarity. Introduce transitional phrases to enhance the flow between sections. For example, at the end of Section 1.1, consider a sentence that smoothly leads into the discussion of copper nanoparticles. Consider providing specific examples or statistics to highlight the widespread prevalence of viral skin infections mentioned in Section 1.1. Expand on the applications of copper nanoparticles in dermatology in Section 2.4.

Methodology

Here are a few suggestions to further enhance clarity and completeness:

Mention the years covered in the search.

Provide additional details on the specific data extracted from each study. The method for extracting numerical data, and any challenges encountered during this process. Offer more details on the statistical methods used for data synthesis.

If there are variations in study designs, clarify how these differences were addressed in the statistical analysis.

findings

The findings and analysis section effectively presents an insightful examination of the efficacy, safety, and comparative aspects of copper nanoparticles in treating viral skin infections. The content is well-organized and provides a comprehensive overview of the research outcomes. Here are a few suggestions to enhance clarity and cohesion:

In 4.1, consider explicitly mentioning the number of studies included in the analysis. In 5.2, consider specifying the timing of safety assessments in clinical studies.

For instance, if adverse reactions were monitored over a specific period after copper nanoparticle application, providing that information would add detail to the safety evaluation. Consider introducing Section 6 with a brief paragraph or sentence that summarizes the transition from safety considerations to comparisons with other treatment modalities.

In 6.2, when discussing potential disadvantages of copper nanoparticles, consider providing more specific details.