

# Review of: "Real-World Efficacy of N95, Surgical, and Cloth Masks in Mitigating SARS-CoV-2 Respiratory Infections: A Comprehensive Comparative Study"

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Potential competing interests: No potential competing interests to declare.

**Very nice paper, however, accept after a major revision**

Review Comments On: Real-World Efficacy of N95, Surgical, and Cloth Masks

in Mitigating SARS-CoV-2 Respiratory Infections: A Comprehensive  
Comparative Study

It is better to add the detailed mechanism of action of the N95 mask as it prevents the entry of dust particles to the human body.

Add more description regarding the properties of cloth masks in the introduction section.

The introduction part seems to be very short, add more figures regarding the action and properties of various masks with proper references.

It is better to add various materials that can be used for fabricating masks and their properties in detail.

In the literature review section, add more studies on these masks and add recent updates too.

In the result section, please tabulate the results of the cumulative infections over 30 days of the various masks.

Add a bar graph representation showing the efficiency of various masks, which will be more useful to differentiate them.

Please compare the effectiveness of the mask with the ones available in the market, How about the cost performance ratio?

Please comment on the sustainability, reuse and recycling aspects

The future research section seems to be good and it will motivate the readers to pursue research in the same area.

Keep the alignment throughout and references in the same format.

Please read the following papers and make the discussion very strong. Please cite them at the best places

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7510705/>

<https://www.sciencedirect.com/science/article/pii/S2352507X23001178>

<https://www.sciencedirect.com/science/article/pii/S2352507X20301062>

<https://www.acpjournals.org/doi/10.7326/m20-3234>