

# Review of: "Assessing the knowledge, attitude, and practice (KAP) of parents and service providers' perceptions on invalid vaccine doses: A study in urban slums of Bangladesh"

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Potential competing interests: No potential competing interests to declare.

Congratulations to the author for their contribution to the scholarly community. However, there are some recommendations that the researchers may consider:

1. The title mentioned "parents" but the methodology part stated that only mothers were surveyed. What was the reason for this? No discussion about this was found in either the introduction or methodology part.
2. Considering that the study was conducted in 2020-2021 and was published in 2023, what is now the significance of the paper? How will the paper be beneficial and what is its impact on present policies?
3. Seemingly, there are two variables being studied: KAP of parents on vaccination or immunization programs and providers' perception of invalid vaccine doses. The researchers should explain why this was done and how the two are correlated
4. How the sample size was computed was not clear. Is it representative of the total population of the households?
5. With these findings: "This study findings revealed that parental knowledge of invalid vaccine doses is very limited though parents are aware of the importance of vaccination." What is your recommendation? Other recommendations such as in terms of communication campaigns could have been considered.
6. Conclusions should be strengthened and more in-depth. In light of the results and based on the literature, were the mothers aware, knowledgeable, and have positive attitudes towards vaccination? If so, what are the implications?