

# 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.

**Review decision:** Major revisions required

## Review report

Title: Knowledge, Attitudes, and Practice (KAP) Study for Reducing Invalid Vaccine Doses in Routine Immunization: A Cross-Sectional Study in Urban Slums of Bangladesh

Authors: [Tahmina Sultana](#), [Md. Moniruzzaman](#), [Sima Rani Dey](#)

## Comments

### Abstract

1. Let's define what we mean by "good experience with vaccination"
2. Write EPI in full in the abstract section since it's the first time you are using it
3. Define what you mean by invalid vaccines
4. Comment on the analyses you did for your work (both quantitative and qualitative)
5. Comment about the sampling procedure for your participants
6. Mention how many people were interviewed and how you contacted them
7. Kindly give the qualitative results of your work in the qualitative

### Introduction

1. The research questions; make them continuous in a sentence but also you could instead focus on the objective of the study.
2. Delete off this *"With this introduction, the next sections depicted methodology, results, discussion, and finally conclusion with some recommendations based on this study's findings."*

### Methodology

1. We could have operation definitions later in the document.
2. Give details of mixed methods of study
3. Put study area/site such that you give context of slums work.
4. Put sampling procedures before sample size estimation. Finalize the sample size estimation by giving final output of the formula.
5. Under data collection techniques; Give details of how In-depths personnel were selected, how you collected the qualitative and quantitative data
6. What exactly do you mean by “In-depth Investigation technique”
7. Please put detailed data analysis for both quantitative and qualitative
8. Give details on how you measured knowledge; how did you know this is “proper” knowledge.
9. Ethical consideration: Give details on whether you got Institutional Review Board (IRB) approval? If you received informed consent, if you got administrative clearance? Mention all these. Be very detailed. Did you have written or

## Results

1. Comment about the response rate for this study
2. In table 1, put the totals.
3. Under parents’ knowledge, you could replace “claimed” with “reported”.
4. Remove the details of source under table 1,2
5. Learn how to present the qualitative results; show quotes and key messages that are emerging through. You could aim to have these explanations under some of the tables

## Discussions

1. Begin by giving a preamble of objective and high level results in paragraph
2. Paragraph 2, discuss the knowledge, what you found out, what explanations, what other literature shows, what public health recommendations on the same.
3. Paragraph 3, attitude
4. Paragraph 4, practices
5. Paragraph 5, strengths and limitations of this work
6. Paragraph 6, areas for future research in this area