

Review of: "Acceptance of Childhood Rotavirus Vaccine Among Mothers at The Point of Rotavirus Vaccine Introduction: A case study from Awka Anambra State Nigeria"

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Potential competing interests: No potential competing interests to declare.

The topic of study is undoubtedly important for public health, specifically for children.

Introduction

- At the end of the last paragraph, it would be interesting to know the place it occupies as a cause of mortality in children under 5 years of age.

Methodology

- Study Design. It would be important to mention why the information collection was carried out between February and March and not in any other period.

- Sample size calculation. The sample size calculation is based on "awareness of rotavirus"; however, the stated objective was "to assess mothers' acceptance of having their child vaccinated against rotavirus." They are two different things. In this case, the reference data for calculating the sample size does not correspond to the objective of the study. The sample size calculation should consider acceptance of having their child vaccinated against rotavirus, or at least encourage acceptance of having their child vaccinated, in general. The statistical power used in the calculation is not mentioned.

- Inclusion and exclusion criteria. It is necessary to specify the age of the children and not leave it in a general way as "young children."

- Data tools and data collection. It is mentioned that the questionnaire was validated, but it is not mentioned how. Were questions that had already been used in other studies used? What was the difficulty level of the knowledge questions? How many questions did the questionnaire consist of? What was the average, maximum, and minimum time it took to answer the questionnaire?

- Data analysis. It is mentioned that "were calculated to identify risk factors associated with knowledge of rotavirus disease." How was the level of knowledge variable managed? If this is the dependent variable and a logistic regression model was fitted, it should have been dichotomized. Regardless of the explanation of the regression variables, it is

important to describe the management of the variables, especially the dependent one.

Results

- The results refer to the mother's index child, however, it was not defined in the methodology. This is the first time it is mentioned.
- Table 1. Age of Participants and Age of Index Child refer to the sample with information for these variables. However, it is not shown for subsequent.
- It is difficult to read Table 3. Please include: subjects, place, time.
- Hello, for the tables to be self-descriptive, it is necessary to complement the information included in the titles.