

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.

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Reviewer:

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Reviewer's Comments:

Tagbo et al. have conducted a descriptive cross-sectional questionnaire-based study among 217 childbearing mothers attending clinics at Chukwuemeka Odumegwu Ojukwu University Teaching Hospital in Nigeria. Rotaviruses are an important cause of severe diarrheal illness in young African children.

The manuscript is easy to read and provides an update on rotavirus diseases at Chukwuemeka Odumegwu Ojukwu University Teaching Hospital. The manuscript is clearly written and, even if it isn't novel, has the potential to impact the control of rotavirus diarrheal disease in Nigeria.

Abstract:

The abstract is clear. However, it would be better to define the concept of rotavirus vaccine acceptance, e.g., for example, if the mothers are willing to give the vaccine to their children.

Introduction

The authors may want to give an update both on the disease prevalence (e.g., prevalence of rotavirus diarrhea in the region according to age groups) as well as on the rotavirus mortality rate after 2013 and after the introduction of the vaccine into the Expanded Program on Immunization in 2022 in Nigeria. For example, the rotavirus-related deaths were estimated to have caused 31,000 deaths in 2013, and this has varied since.

Materials and Methods

It would be good if the authors could better describe where the data were collected at the University Teaching Hospital and from which groups (parents, mothers, etc.). I wondered to know if there was a pre-test with the questionnaire before the beginning of the study.

Since the response rate was 100%, could the authors describe which methodology was used to reach this perfect percentage?

An operational definition of some terms would be appreciated, such as how knowledge was assessed (e.g., good, intermediate, and poor), fully immunized (e.g., number of doses), traditional rulers (probably, traditional healers), general immunization status, and vaccine acceptance were defined, assessed, and classified.

Results

Since there is an inconsistency in the total number of participants, could the authors explain this variation between tables (e.g., table 1, the total number varies between 212 and 217, while in table 3, the total is listed as 167).

Discussion

Here, comment first on the main findings before comparing them with previous studies.

A mention of both study limitations and strengths will add value to the study. The manuscript may also benefit from clarification of some sentences in easy English language.

In conclusion, the manuscript brings little novelty and may need some methodological improvement.