

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.

Include more papers from Africa

This statement - "A study conducted in Canada in 2009 reported that 67% of parents accepted to give childhood vaccines, including rotavirus, to their children. In a US qualitative study, a lack of awareness on rotavirus diarrhoea and a need for more information about the disease and the vaccine was found as barriers to receiving the vaccine among parents. Parents generally deemed the vaccine to be acceptable, and most of them reported that they would rely on their health care provider's recommendation for whether their child should receive the rotavirus vaccine." - seems out of place.

Can you refer to data from other African countries if available? You can also refer to the acceptance of other childhood vaccinations in Nigeria. Some papers to consider: Uptake of Rotavirus Vaccine and Factors That Contributed to Its Adoption and Acceptability by Parents/Guardians in Selected Communities of Ndola, Copperbelt Province, Zambia: <https://www.scirp.org/journal/paperinformation?paperid=92153>

"Improperly filled questionnaires" is not one of the variables for sample size calculation.

Please define the outcome "acceptance" - is it an intention to receive the vaccine or that the child was immunised? Was it graded in any way?

If you performed logistic regression, then your objective should focus on determining the factors associated with acceptance, not only assessment.

Change "Up2Date" in Table 1 to "Up-to-date."

For attitude to rotavirus, you used a mean score - "On a scale of one to five with one being 'not likely at all' and five being 'most likely', the mean score..." . For questions graded on a Likert scale, you should use median scores. You did not share the results of your logistic regression; your objectives, analysis methods, and findings do not align in that regard.

Please review this again. You mentioned the father's involvement as an important factor. This is unclear from your results and is impossible without a logistic regression.



You need to include some recommendations.