

REVIEWER'S REPORT

Manuscript No.: IJAR-59413

Title: Effectiveness of a Structured Health Education Programme on Knowledge and Preventive Practices Regarding Dengue Fever Among Adults in selected Rural Community area ,vellore tamilnadu: A Quasi-Experimental Study

Recommendation:

Accept as it is

Accept after minor revision.....

Accept after major revision X.....

Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality		X		
Techn. Quality		X		
Clarity			X	
Significance			X	

Reviewer's ID: JPR-142

Detailed Reviewer's Report

General assessment

The manuscript addresses a relevant public-health and community-nursing topic and proposes a structured educational intervention for dengue prevention. However, it is not currently presented as a completed empirical study. The manuscript explicitly describes its dataset and statistical output as simulated, and several methodological and literature-review elements remain provisional. These concerns prevent the reported results from being interpreted as evidence from actual participants.

Major comments

1. Data authenticity: The manuscript identifies the sample and statistical results as simulated/synthetic. These values must not be represented as findings from real participants. For an original research article, the authors must use genuine, ethically collected participant-level data and report the actual analysis.
2. Methods and reproducibility: Specify the exact study community, recruitment and sampling procedures, sample-size calculation, intervention delivery, and precise post-test interval. Distinguish completed procedures from proposed procedures.
3. Instrument validation: Report the content-validation process, reliability method and observed coefficient for the knowledge questionnaire and practice checklist. Define and justify the knowledge-category cut-offs.
4. Statistical analysis: Recalculate all results from the actual paired dataset. Report appropriate paired tests, effect estimates and 95% confidence intervals; verify the assumptions and all demographic association tests.

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5. Literature review and references: Replace the provisional review with a balanced, database-verified review of relevant dengue epidemiology and community-based educational interventions. Verify all bibliographic details and add recent, relevant studies.

6. Interpretation: Discuss the limitations of a one-group pre-test/post-test design, including possible testing effects, secular and seasonal changes, and self-report bias. Do not claim reduced dengue incidence unless infection outcomes were measured.

Minor comments

1. Correct grammatical errors, incomplete sentences, duplicated problem statements, and inconsistent capitalization.
2. Complete the abstract's post-test timing statement and ensure the abstract matches the final methods and results.
3. Standardize headings, tables, terminology, abbreviations, and reference formatting.
4. Provide the exact ethics committee name, approval number and date only if approval has actually been granted.
5. Ensure that the discussion and conclusion report only verified findings and avoid wording that implies causation beyond the design.