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REVIEWER'S REPORT

Manuscript No.: IJAR-59832

Title: A study to assess the effect of structured teaching program on knowledge regarding prevention and home care of dengue fever among adult people in Ranibasti, Murshidabad, West Bengal.

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: Mr. Sahil Srivastava

Detailed Reviewer's Report

The topic is relevant to community nursing. The abstract reports a 5.6-point increase in mean knowledge score at seven days among 86 adults. The supplied manuscript needs complete Methods, Results and Discussion sections before the findings can be adequately appraised.

1. Provide a complete original research manuscript

The body moves from the introduction and population-level dengue statistics to a short section labelled Case Study and then the conclusion. Report the work as a one-group pre-test/post-test educational study and add complete Methods, Results and Discussion sections. Results should distinguish study participant data from national surveillance figures.

2. Explain recruitment, intervention and ethics

Report the study dates, recruitment setting, eligibility, convenience sampling procedures, sample-size rationale and participant flow through the seven-day assessment. Explain how the self-administered tool was made accessible to participants with different literacy levels. Describe the language, content, duration, facilitator and delivery of the teaching programme. Report ethics review, approval or exemption details and the consent procedure.

3. Document the instrument and scoring

Supply the item count, score range, classification cutoffs, instrument development or source and validity evidence. For the reported Spearman–Brown coefficient of 0.76, describe the split-half procedure and the

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sample used to estimate reliability. Provide the questionnaire and teaching material as supplements where possible.

4. Report both primary and secondary analyses

Provide pre-test and post-test counts with denominators, means and SDs, the SD of paired differences, and the mean change with its 95% confidence interval. Verify that the paired t of 16.18 with 85 degrees of freedom corresponds to the stated 86 complete pairs and report the p value and assumptions. Present the analysis of demographic associations mentioned in the abstract, including the score time point, methods, cell counts and estimates, or explain why it was omitted.

5. Align conclusions with the outcome measured

Describe short-term change in knowledge scores. Discuss retesting, possible concurrent exposure to dengue information, convenience sampling and absence of a comparator. Claims about reductions in severe complications, dehydration, hospitalisation or transmission require outcome data beyond the questionnaire.

6. Verify background sources and educational content

Correct the malformed figure "over 174 of all infectious disease" and verify the opening quotation or remove it. Give Figure 1 a date and geographic coverage, label Table 1 as case counts if that is what it contains, and cite the exact surveillance source and reporting period. Resolve the superscript citation 6, which has no matching entry in the supplied list. Identify the clinical guidance used to develop the home-care material, and show how it distinguishes home care from symptoms that require prompt referral.