

REVIEWER'S REPORT

Manuscript No.: IJAR-55507

Title: A Study to Assess the Effectiveness of Video Assisted Teaching on Knowledge of Mothers Regarding First Aid Management of Choking Among Children in Selected Hospitals at Aluva

Recommendation:

- Accept as it is
 ✓ Accept after minor revision.....
 Accept after major revision
 Do not accept (*Reasons below*)

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

Reviewer Name: Dr S. K. Nath

Date: 31.12.25

Detailed Reviewer's Report

Strengths of the Study:

- The topic addresses an important public health concern related to pediatric emergency management, emphasizing caregiver education.
- The study applies a quasi-experimental pre-test and post-test design, which is appropriate to assess the effectiveness of an educational intervention.
- The structured knowledge questionnaire and video-assisted teaching are clearly defined, facilitating reproducibility.
- The statistical analysis, including paired t-test, effectively demonstrates significant improvement in mothers' knowledge.
- The study fills a gap by evaluating a multimedia instructional approach to enhance first aid skills among mothers.

Weaknesses of the Study:

- The sample size of 30 participants is relatively small, limiting generalizability.
- Sampling was convenience-based, which may introduce selection bias.
- The study lacks details regarding ethical approval and informed consent procedures.
- No long-term follow-up was conducted to assess retention of knowledge.
- The assessment focuses solely on knowledge without evaluating actual skills or behavioral changes.
- Some statistical data presented is limited; confidence intervals or effect sizes were not reported.
- The clarity and quality of tables and figures could be improved for better comprehension.
- Minor grammatical and typographical errors are present, affecting readability.
- The reference list appears incomplete; some references lack full citation details.

Reviewer Comments:

- **Title and Abstract:** The title accurately reflects the study focus. The abstract succinctly summarizes the background, objectives, methodology, key findings, and significance. However, inclusion of specific statistical outcomes and clearer mention of ethical considerations would enhance clarity.
- **Introduction and Objectives:** The introduction sufficiently establishes the importance of the topic, citing relevant statistics and prior research. The objectives are precise, focusing on assessing knowledge levels before and after the intervention and determining associations with demographic variables.

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- **Methodology and Statistical Analysis:** The quasi-experimental design is appropriate; however, the small, convenience sample limits strength. Details regarding ethical considerations, consent procedures, and institutional approval are missing and should be explicitly included. The statistical methods are suitable, but additional analyses such as effect size or confidence intervals would strengthen the findings.
- **Results and Discussion:** Results are presented clearly, indicating significant improvement post-intervention. The discussion contextualizes findings within existing literature but should better address limitations and potential confounders. An explicit discussion on practical implications and potential for behavior change would be valuable.
- **Conclusion and Implications:** Conclusions are aligned with findings and highlight the utility of video-assisted teaching in enhancing knowledge. Recommendations for incorporation into nursing practice are relevant. However, suggesting future research directions, such as evaluating skill performance, would be beneficial.
- **Ethical Clearance:** The manuscript does not specify whether ethical approval was obtained from an institutional review board or equivalent authority. This omission must be addressed, including approval number and consent procedures.
- **Language and Presentation:** The manuscript's language requires proofreading to correct grammatical and typographical errors. The formatting of tables and figures can be improved for better readability and clarity.
- **References:** The reference list appears incomplete and lacks some full citation details. Updating and standardizing references according to journal guidelines is necessary.