

REVIEWER'S REPORT

Manuscript No.: IJAR-56442

Title: Effectiveness of Video-Assisted Teaching Programme (VATP) on Knowledge Regarding Breast Self-Examination Among Pharmacy Girl Students at a Selected Pharmacy College

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

Detailed Reviewer's Report

Strengths of the Study

- The study addresses an important public health topic raising awareness and improving knowledge of breast self-examination (BSE) among young women, specifically pharmacy students.
- The use of a structured Video-Assisted Teaching Programme (VATP) as an intervention is innovative and relevant considering current trends in health education.
- The pre-test and post-test design effectively assesses the impact of the educational intervention.
- The study demonstrates statistically significant improvements in knowledge, supported by appropriate analyses (paired t-test).
- The inclusion of demographic variables and their associations adds depth to understanding factors influencing knowledge levels.
- The study fills a gap by evaluating the effectiveness of VATP on pharmacy students' knowledge, contributing to educational strategies in health awareness programs.

Weaknesses of the Study

- The sample size of 60 students may limit the generalizability of the findings; larger samples could strengthen the conclusions.
- The sampling technique used is convenience sampling, which may introduce bias and limit representativeness.
- There is a lack of detailed description regarding the development, validation, and reliability testing of the research tool (questionnaire).
- The intervention duration and follow-up assessments are not specified, raising questions about the retention of knowledge over time.
- The statistical analysis, while appropriate, does not address potential confounding variables or control for multiple testing.
- Ethical clearance details, including approval authority, clearance number, and informed consent process, are not explicitly mentioned.
- The English language, grammar, and typographical issues (e.g., inconsistent formatting, some grammatical errors) reduce clarity and professionalism.
- Figures and tables could be better integrated within the text for clarity; some descriptions are repetitive.

International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

www.journalijar.com

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Reviewer Comments

- The **title is clear** and accurately reflects the study focus.
- The **abstract** summarizes the purpose, methodology, and key findings but could be more concise and clearly distinguish the pre-test and post-test improvements. The mention of family educational background is relevant but could be linked more explicitly to the main objective.
- The **introduction** is comprehensive but somewhat lengthy; streamlining for clarity and emphasizing the current controversy about BSE and the importance of educational interventions would enhance focus.
- The **methodology** section provides an outline of the design but lacks details about the validation and reliability of the questionnaire used and ethical considerations. Clarification is needed regarding how the sample was approached and consent obtained.
- The **statistical methods** are appropriate; however, adjustments for multiple comparisons and confounders are not discussed.
- The **results** effectively demonstrate a significant increase in knowledge post-intervention, supported by statistical tests. Nonetheless, more detailed data presentation and discussion of effect sizes would strengthen the findings.
- The **discussion** reiterates key findings but does not sufficiently engage with the broader literature or potential limitations of the study.
- The **conclusion** appropriately summarizes the effectiveness of VATP but should explicitly mention the importance of maintaining knowledge and suggesting future research directions.
- The **ethical clearance** details are not explicitly provided; this should be clarified for compliance.
- The overall **language quality** needs improvement grammar, spelling, and formatting inconsistencies are present.
- **Tables and figures** are relevant but could benefit from clearer labeling and better integration; some repetitive statements regarding knowledge percentages can be optimized for clarity.
- The references are appropriate and current but should follow a consistent citation style.