

## REVIEWER'S REPORT

Manuscript No.: IJAR- 51905

Date: 26/05/2025

**Title:** Effect of Educational Package Related to Continuous Peritoneal Dialysis on Nurses' Performance

### 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: 27/05/2025

### Reviewer's Comment for Publication:

The study suggests that implementing a structured educational package significantly enhances nurses' knowledge and practical skills in managing patients undergoing continuous peritoneal dialysis. These improvements are maintained over a three-month period, indicating the efficacy of the training. However, limitations related to the study setting, design, and scope highlight the need for further research with larger, multicenter, controlled studies to validate and expand on these findings. Regular training programs are recommended to ensure sustained competence and ultimately improve patient care quality in PD.

## Reviewer's Comment / Report

### Strengths

- Clear Research Design:** The study utilizes a quasi-experimental design with pre-and post-intervention assessments, which is appropriate for evaluating educational program effectiveness.
- Comprehensive Data Collection Tools:** The use of structured interview questionnaires and observational checklists provides both subjective and objective measures of nurses' knowledge and practice.
- Ethical Considerations:** The study obtained ethical approval and informed consent from participants, demonstrating adherence to ethical research standards.
- Relevant and Practical Focus:** The study addresses a critical aspect of nephrology nursing—improving nurse competencies in PD care—which directly impacts patient outcomes.
- Significant Findings:** Results show statistically significant improvements in nurses' knowledge and practice after educational intervention, supporting the hypothesis and providing evidence for the benefit of training programs.
- Follow-up Assessment:** The inclusion of a 3-month follow-up period adds value by evaluating the sustainability of educational effects.

### Weaknesses

- Limited Generalizability:** The study was conducted in a single hospital in Egypt, which limits the applicability of findings to other settings or countries with different healthcare systems.
- Sample Size and Selection:** Although the entire available nursing staff was included, the sample size (80 nurses) might be considered small for broader conclusions, and the use of convenience sampling could introduce bias.
- Lack of Control Group:** The quasi-experimental design lacks a control group that did not receive the educational intervention, limiting the ability to attribute improvements solely to the program.
- Potential Bias in Self-Reporting:** Knowledge assessments based on interviews can be subjective, and observational assessments might be influenced by examiner bias.

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5. **Limited Detail on Content and Delivery:** The paper provides a general outline of the educational sessions but lacks detailed information about curriculum content, teaching methods, and participant engagement strategies.
6. **Outcome Measures:** The study primarily focuses on knowledge and practice without directly measuring patient outcomes, such as complication rates or patient satisfaction, which are essential for evaluating clinical impact.