

REVIEWER'S REPORT

Manuscript No.: IJAR-53021

Date: 26/07/2025

Title: "The Effect of the Educational Program based on Roy's Adaptation Model on the Quality of Life for Patients with Hemiplegia"

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: 27/07/2025

Reviewer's Comment for Publication:

The study convincingly demonstrates that an educational program based on Roy's Adaptation Model can substantially improve the adaptation levels and quality of life in patients with hemiplegia. Its findings support integrating theory-driven, structured educational interventions into rehabilitation practices. However, limitations related to sampling, follow-up duration, and detailed protocol descriptions suggest that further research—preferably randomized controlled trials with longer follow-up—is needed to confirm and extend these findings.

Reviewer's Comment / Report

Strengths

- Theoretical Foundation:** The study is grounded in Roy's Adaptation Model, which offers a holistic and systematic approach to nursing interventions, strengthening the conceptual validity of the intervention.
- Study Design:** The quasi-experimental design with a control group provides comparative data to assess the effectiveness of the educational program.
- Sample Size and Setup:** A sample of 100 adult patients, evenly divided into study and control groups, enhances the statistical power and reliability of findings.
- Ethical Considerations:** The study obtained ethical approval and informed consent, adhering to research protocols.
- Use of Validated Tools:** The research employed standardized, validated questionnaires like the Stroke Specific Quality of Life Scale, improving the credibility of outcomes measurement.
- Clear Objectives and Hypotheses:** The study explicitly states its aims, enabling focused analysis and interpretation.
- Demonstrated Outcomes:** Results showed significant improvements in adaptation levels and quality of life among the intervention group, supporting the efficacy of the program.

Weaknesses

- Sampling Method:** The use of purposive sampling and the quasi-experimental design limit the ability to generalize findings broadly. Randomized controlled trials would strengthen the evidence.
- Short Follow-Up Duration:** The study mentions assessments during pre, post, and follow-up stages, but the exact duration between these assessments is unclear, which could affect the assessment of long-term effects.
- Limited Demographic Diversity Data:** While some socio-demographic data are presented, deeper analysis of how factors like age, gender, and socio-economic status influence outcomes could be expanded.

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4. **Potential Biases:** The lack of blinding and potential response bias, especially with self-report questionnaires, may influence results.
5. **Details of the Educational Program:** The paper provides limited specific information on the content, frequency, and delivery method of the educational intervention, which are critical for replication.
6. **Language and Presentation:** Minor inconsistencies and grammatical issues are present, which can distract readers.