

REVIEWER'S REPORT

Manuscript No: IJAR-53022

Date: 28.07.2025

Title: The Effect of the Educational Program Based on Roy's Adaptation Model on the Quality of Life for Patients with Thalassemia

Recommendation:

Accept as it is

Accept after minor revision - Recommended

Accept after major revision

Do not accept (*Reasons below*)

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

Reviewer Name: Dr. Divyaparvathy J

Reviewer's Comment for Publication.

(To be published with the manuscript in the journal)

The reviewer is requested to provide a brief comment (3-4 lines) highlighting the significance, strengths, or key insights of the manuscript. This comment will be Displayed in the journal publication alongside with the reviewer's name.

This study utilized a quasi-experimental design, allowing for meaningful comparison between intervention and control groups. The use of validated tools ensured reliable data collection. The educational intervention was theory-based and structured to assess patient needs. The consistent implementation and follow-up further strengthened the reliability of study results. However, the relatively small sample size may limit generalizability. Short follow-up duration may restrict assessment of long-term outcomes.

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Detailed Reviewer's Report

Title and Abstract:

- The title is clear and specific, capturing both the intervention and the population.
- The abstract summarizes the research effectively, including aim, design, setting, methods, results, conclusion, and recommendations.

Article:

- Provides a good background on thalassemia and its burden. Consider integrating data or statistics from recent global or national reports to strengthen the context.
- The rationale is well established. Minor grammatical errors needed revision. (eg: From the researcher point of view, From researcher's point of view)
- Roy's Adaptation Model is well explained and connected to nursing care. Clear explanation of integration into care is appreciated.
- The use of quasi-experimental design is appropriate for this kind of intervention. Similarly, use of validated tools, including WHOQOL-BREF, strengthens credibility of the study.
- In sampling method, there is a discrepancy. It states the sample was "purposive", yet also mentions random allocation to groups. Kindly clarify the statement for better understanding.
- Sample size calculation also needs clarity. Margin of error and expected effect size should be defined clearly for more transparency.
- As tool I and tool II were developed by the researcher, clarity on its reliability and validity could be of more use to the readers.
- Regarding the educational program details, kindly add a paragraph summarizing the RAM-based content areas for each session (5 sessions). Kindly clarify the timeframe of the study also.
- Even though significant correlation is mentioned, strength of relation needs a say for these kinds of studies.
- In short, the study offers valuable insights into improving adaptation among thalassemia patients, along with the view of quality of life among thalassemia patients.