



REVIEWER'S REPORT

Manuscript No.: IJAR-56945

Title: "Effectiveness of Nurse-Led Multifaceted Intervention on Loneliness, Depression, Sociability, Family Support and Quality of Life among Elderly: A Pilot Study"

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

1. **Strong Study Design:** True experimental pretest–posttest control group design used (rare in nursing/community studies).
2. **Multidimensional Approach:** Simultaneously assessed loneliness, depression, sociability, family support, and QOL comprehensive psychosocial evaluation.
3. **Use of Standardized Tools:** UCLA Loneliness Scale, GDS, WHOQOL-BREF, etc., with good reliability ($\alpha = 0.843-0.956$).
4. **Intervention Clarity:** Well-structured 5-day intervention protocol (education, exercise, relaxation, befriending).
5. **Statistical Rigor:** Appropriate tests used (t-test, Pearson correlation, normality tests).
6. **Significant Findings:** Strong statistically significant improvements ($p < 0.001$) in experimental group across variables.
7. **Good Internal Validity:** Randomization and baseline homogeneity clearly demonstrated.

Weaknesses of the Study

1. **Small Sample Size (n=40):** Limits generalizability; typical of pilot but still a major limitation.
2. **Short Follow-up Duration:** Only 1-week follow-up, no long-term effectiveness assessment.
3. **Pilot Study Nature:** Findings are preliminary; cannot be generalized to wider population.
4. **Single Setting (One Village):** Limits external validity and cultural variability.
5. **No Blinding Mentioned:** Possible performance and observer bias.
6. **Researcher-developed Tool (Family Support Scale):** Though validated, still less robust than standardized global tools.
7. **Some Language & Formatting Issues:** Minor grammatical errors and spacing inconsistencies throughout manuscript.
8. **Overinterpretation of Results:** Strong claims despite pilot design and small sample size.

Reviewer's Comments

- The study addresses a highly relevant public health issue (elderly psychosocial health in India).
- The intervention is practical and feasible, especially in rural/community nursing settings.
- Results are promising, but should be interpreted cautiously due to pilot nature.

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- The manuscript would benefit from:
 - Language editing
 - Better discussion with comparison to existing literature
 - Clear mention of limitations
 - Ethical approval details elaboration