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REVIEWER'S REPORT

Manuscript No.: IJAR-55757

Title: A study to assess the Effectiveness of Structured Teaching Program on knowledge regarding Iron Deficiency anemia among Adolescent girls with main objectives to assess the effectiveness of Structure Teaching Program on Iron deficiency anemia among Adolescent Girls.

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: Shafiya Akhter

Reviewer's Comment for Publication.

General Assessment:

The manuscript addresses an important public health issue—iron deficiency anemia among adolescent girls—particularly relevant in the Indian context. The study focuses on evaluating the effectiveness of a structured teaching program to improve knowledge regarding iron deficiency anemia, which is a meaningful and practical intervention within nursing education and community health practice. The topic is relevant, and the intent of the study aligns well with preventive health strategies.

Originality:

The study demonstrates moderate originality. While iron deficiency anemia among adolescent girls has been widely studied, the emphasis on a structured teaching program as an educational intervention contributes applied value, especially for nursing practice and health education. However, the manuscript would benefit from clearly highlighting how this study differs from or adds to existing similar educational intervention studies.

Technical and Methodological Quality:

The manuscript outlines a comprehensive research structure, including objectives, hypotheses, variables, sampling procedures, data collection tools, validity, reliability, and ethical considerations. The inclusion of a pilot study and tool validation strengthens methodological rigor. However, the abstract and introduction lack conciseness and contain repeated statements, grammatical errors, and formatting inconsistencies. Clear articulation of the research design, sample size justification, and statistical analysis methods is necessary to improve scientific clarity.

Clarity and Organization:

Although the study follows a conventional thesis-style structure, the presentation requires significant language editing. There are numerous typographical errors, repetition of sentences, inconsistent spacing, and grammatical inaccuracies throughout the abstract and introductory sections. The abstract is overly

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lengthy and reads more like an introduction. It should be rewritten in a structured format (background, aim, methodology, results, and conclusion). Improved organization and professional academic language will substantially enhance readability.

Significance and Contribution:

The study is significant for nursing education, community health nursing, and adolescent health promotion. Improving knowledge about iron deficiency anemia among adolescent girls has potential long-term benefits for maternal health and public health outcomes. The findings, if clearly presented and statistically supported, could guide health education programs in schools and community settings.

Strengths:

- Addresses a major public health and nutritional problem
- Focuses on adolescent girls, a high-risk and vulnerable population
- Practical relevance to nursing education and health promotion
- Comprehensive research framework with ethical considerations

Limitations / Areas for Improvement:

- Extensive grammatical and language errors require professional editing
- Abstract needs restructuring and condensation
- Objectives and aim are repeatedly stated and should be streamlined
- Methodology and data analysis sections need clearer, more precise descriptions
- Results and effectiveness of the structured teaching program are not summarized in the abstract

The study addresses a relevant and valuable topic, but substantial revisions are required to improve language quality, clarity, structure, and academic rigor. After thorough editing and refinement, the manuscript has the potential to make a useful contribution to nursing research and adolescent health education.