

REVIEWER'S REPORT

Manuscript No.: IJAR-54882

Title: Aromatherapy as a Non-Pharmacological Intervention to Improve Sleep Patterns Among Children After Abdominal Surgeries

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: 19.11.25

Detailed Reviewer's Report

Strengths:

- **Relevant and Timely Topic:** The study addresses an important issue improving pediatric postoperative sleep quality through non-pharmacological methods, aligning with current trends in holistic and safe care.
- **Clear Objectives and Hypotheses:** The research question and hypotheses are well-defined, guiding the study structure.
- **Appropriate Methodology:** Use of a quasi-experimental pretest-posttest design and relevant statistical analyses demonstrate methodological soundness.
- **Positive Findings:** The results indicating significant improvements post-intervention support the study's aims.
- **Ethical Approval Mentioned:** Ethical clearance was obtained, demonstrating adherence to research ethics.

Weaknesses and Areas for Improvement:

1. **Incomplete and Unclear Ethical Details:** The manuscript mentions ethical approval but lacks details such as the ethical approval number, date, and adherence to specific ethical guidelines (e.g., Declaration of Helsinki). Clarify these aspects for transparency.
2. **Language and Grammar Issues:** There are multiple grammatical errors, typographical mistakes, and awkward sentences throughout the text. For example, inconsistent tense usage and sentence structuring should be improved for clarity.
3. **Methodological Clarity:** The description of the aromatherapy protocol (e.g., dosage, duration, frequency, method of application) needs to be more detailed to allow replication.
4. **Sample Size and Generalizability:** The study's small sample size from a single hospital limits the broader applicability of findings. Address this limitation explicitly and suggest cautious interpretation.
5. **Reference and Citation Formatting:** Several references are incomplete or improperly formatted. Ensure consistency with the target journal's referencing style.
6. **Missing Data Presentation:** Data tables, figures, or supplementary materials are not fully visible; ensure these are clear, correctly labeled, and referenced in the manuscript.
7. **Discussion Section:** Expand the discussion to compare findings with existing literature, explore potential physiological mechanisms, and suggest practical implications.

International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

www.journalijar.com

REVIEWER'S REPORT

8. **Concluding Remarks:** The conclusion should emphasize the clinical relevance, limitations, and future research directions.

Specific Instructions to the Authors:

- Provide detailed ethical approval information, including approval number, date, and compliance statements.
- Carefully proofread the manuscript to correct grammatical errors and improve overall language quality.
- Elaborate on the aromatherapy intervention details application duration, frequency, method, and type of lavender oil used.
- Ensure all references are complete and formatted consistently.
- Enhance the discussion section with a broader literature review and discussion of mechanisms.
- Include all data tables and figures with clear labels and references.
- Consider discussing the study's limitations more explicitly and suggest avenues for future research.