

REVIEWER'S REPORT

Manuscript No.: IJAR-56853

Title: Effectiveness Of Alcoholic Anonymous(AA) In Maintaining Abstinence Among Individuals Attending Alcoholic Anonymous Meetings In Selected Groups At Coimbatore

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:

- **Originality and Relevance:** The study addresses an important public health issue related to alcohol dependence and the effectiveness of AA in community settings, contributing valuable data specific to the Coimbatore region.
- **Clear Objectives:** The study explicitly states its aims to assess pre- and post-intervention abstinence levels and associations with demographic variables.
- **Use of Established Instruments:** Utilization of the Socrates 8A questionnaire for assessing alcohol dependence lends credibility and standardization to measurements.
- **Intervention Design:** Conducting daily AA sessions for 30 days provides a structured approach to evaluating intervention effectiveness.
- **Statistical Analysis:** Appropriate use of paired t-tests for pre-post comparisons and Chi-square tests for association analyses.

Weaknesses of the Study:

- **Sample Size:** The relatively small sample of 60 participants may limit the generalizability of the findings and reduce statistical power.
- **Sampling Technique:** Use of non-probability purposive sampling may introduce selection bias.
- **Lack of Long-Term Follow-Up:** The study only assesses immediate post-intervention outcomes without information on sustainability of abstinence over time.
- **Limited Demographic Analysis:** Although associations are explored, some demographic variables show no significant correlation, possibly due to insufficient sample size.
- **Ethical Details Omission:** No mention of ethical approval, informed consent, or confidentiality measures.
- **Potential for Bias:** No discussion on blinding or controls for confounding variables.
- **Presentation and Clarity:** Several typographical, grammatical, and formatting errors impair readability.
- **References:** The reference list appears incomplete and inconsistent; some entries are not properly formatted.
- **Pre-publication Search:** A preliminary search indicates the manuscript is not previously published or available online, but in-depth plagiarism check via a dedicated tool is recommended for confirmation.

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Reviewer Comments:

- **Title and Abstract:** The title accurately reflects the study but could be more concise. The abstract effectively summarizes key aspects but contains typographical errors ("healps" instead of "helps," "statisically" instead of "statistically") and could benefit from clearer language regarding methodology and results.
- **Introduction and Objectives:** The introduction provides relevant background; however, it would benefit from a more comprehensive literature review. The objectives are clear.
- **Methodology and Statistical Analysis:** The quasi-experimental design is appropriate, but more details are needed about ethical approval, consent procedures, and participant selection criteria. The statistical analysis is suitable, but assumptions for parametric tests should be checked.
- **Results and Discussion:** Results are presented clearly with relevant tables; however, interpretations should be more nuanced, acknowledging limitations such as small sample size. The discussion reiterates findings but lacks depth in exploring implications or comparing with existing literature.
- **Conclusion and Implications:** The conclusion is aligned with results but overstated given the short follow-up period. Ethical considerations need to be addressed explicitly.
- **Ethical Considerations:** No mention of ethical clearance, approvals, or informed consent is provided; this is a significant omission.
- **Language and Presentation:** Numerous grammatical errors and inconsistent formatting reduce readability. A thorough language editing is recommended.
- **Tables, Figures, and References:** Tables are generally clear but should be meticulously formatted and captioned. References are incomplete and inconsistent; they require standard formatting per journal guidelines.