

REVIEWER'S REPORT

Manuscript No.: IJAR-55800

Title: Sexual Dysfunction in adult patient with Anxiety Disorder & their quality of life in a tertiary care Hospital of Tripura: A Cross-Sectional 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

Date: 20.01.26

Detailed Reviewer's Report

Strengths of the Study:

- The study addresses an important gap by focusing on the prevalence of sexual dysfunction among anxiety disorder patients in Eastern India, an understudied population.
- Utilizes validated assessment tools (ASEX scale and WHOQOL-BREF) to evaluate sexual dysfunction and quality of life.
- The sample size of 120 participants provides a reasonable data set for a cross-sectional exploratory study.
- The analysis explores correlations between sexual dysfunction and quality of life across multiple domains, offering valuable insights.
- The study highlights gender-specific patterns, adding depth to the understanding of sexual health issues in anxiety patients.
- Ethical clearance was obtained, complying with ethical standards.

Weaknesses of the Study:

- The sample size, although adequate, limits generalizability, especially given the regional focus.
- The cross-sectional design precludes establishing causal relationships between anxiety, sexual dysfunction, and quality of life.
- The inclusion and exclusion criteria (e.g., excluding patients on psychotropic medications) may limit applicability to real-world clinical populations where medication use is common.
- Lack of detailed information on the diagnostic procedures and inter-rater reliability for ICD-10 diagnoses.
- No mention of controlling for confounding variables such as comorbid medical conditions, medication effects, or duration and severity of anxiety.
- The data analysis techniques, including handling of confounders and multivariate analysis, are not detailed.
- Limited discussion on cultural factors influencing reporting of sexual dysfunction.
- The presentation of results in tables could be enhanced for clarity, including clearer labeling and statistical annotations.
- The references are comprehensive, but some are outdated (e.g., older sources on sexual dysfunction and anxiety).

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Reviewer Comments:

- **Title and Abstract:** The title clearly indicates the study focus. The abstract provides a succinct overview of the background, objectives, methods, results, and conclusions, making it easy to grasp the study's scope.
- **Introduction and Objectives:** The introduction contextualizes the significance of sexual dysfunction in anxiety disorders effectively. The objectives are clearly stated, aiming to assess prevalence and impact on quality of life, which aligns with the study's content.
- **Methodology and Statistical Analysis:** The methodology is described adequately, but details are lacking regarding diagnostic procedures, inter-rater reliability, and control of confounding factors. The statistical methods are not thoroughly discussed; for example, whether adjustments for multiple comparisons were made or if multivariate analyses were conducted is unclear. The p-value thresholds are mentioned, but confidence intervals and effect sizes would strengthen the findings.
- **Results and Discussion:** Results are generally presented clearly with pertinent tables. The findings regarding gender differences and correlations are insightful. However, the discussion could be expanded to compare findings with broader literature, discuss cultural influences, and explore clinical implications more thoroughly.
- **Conclusion and Implications:** The conclusion accurately summarizes the key findings and emphasizes the importance of routine screening and integrated management. The implications for clinical practice are relevant.
- **Ethical Clearance:** Ethical clearance was obtained, although specifics such as the approval number and the body granting approval could be provided. The mention of informed consent is appropriate.
- **Language and Style:** The manuscript is written in clear English with minimal grammatical errors. Minor typographical corrections could improve readability.
- **Tables and Formatting:** Tables are appropriate but could benefit from clearer labeling and inclusion of exact p-values for all comparisons. Consistent formatting throughout the document is advisable.
- **References:** References are comprehensive and relevant but could be updated with newer studies to bolster the discussion.

Additional Note on Plagiarism and Prior Publication: Based on a preliminary scan and common plagiarism detection tools, there is no indication that this specific manuscript has been previously published online. However, the high degree of textual similarity with general review articles and textbook summaries suggests it may resemble publicly available educational content. To confirm originality fully, a dedicated plagiarism detection service should be employed.