



REVIEWER'S REPORT

Manuscript No.:IJAR-57895

Title:Ergonomic and Psychosocial Hazards among Embryologists in IVF Laboratories in Abuja, Nigeria: A Cross-Sectional Study.

Recommendation:

Accept as it is

Accept after minor revision Yes

Accept after major revision

Do not accept (*Reasons below*).....

Rating	Excel.	Good	Fair	Poor
Originality		yes		
Techn. Quality		yes		
Clarity		yes		
Significance		yes		

Reviewer's ID:Dr. Himanshu Gaur

Detailed Reviewer's Report

The abstract presents a relevant and well-focused occupational health study examining ergonomic and psychosocial hazards among embryologists working in IVF laboratories in Abuja, Nigeria. It clearly establishes the research background, highlighting the limited evidence from low- and middle-income settings, and appropriately frames the objective of assessing both prevalence and perceived effectiveness of workplace interventions. The methodological approach of a descriptive cross-sectional design is suitable for the study aim, and the use of structured questionnaires along with statistical techniques such as descriptive analysis, chi-square tests, and OLS regression adds analytical rigor. The findings are clearly articulated, revealing a high prevalence of ergonomic issues such as prolonged standing/sitting, eye strain, and back pain, alongside significant psychosocial stressors linked to workload, communication gaps, and insufficient breaks. The study's distinction between ergonomic infrastructure and organisational practices is particularly valuable, as it demonstrates that while physical workstation design is associated with reduced ergonomic complaints, it does not necessarily mitigate psychological stress, which is more strongly influenced by organisational factors. However, the abstract could be improved by briefly specifying sample size and sampling technique for greater methodological transparency, as well as clarifying the response rate or data collection scope across IVF clinics. Additionally, more precise reporting of statistical effect sizes would strengthen interpretability. Overall, the study makes an important contribution to occupational health literature by emphasizing the need for integrated interventions combining ergonomic improvements with organisational and workload management strategies to enhance the well-being of IVF laboratory personnel in resource-constrained settings.