



ISSN NO. 2320-5407

ISSN(O): 2320-5407 | ISSN(P): 3107-4928

International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

www.journalijar.com

REVIEWER'S REPORT

Manuscript No.: IJAR-56268

Title: Psychological impact of the Alhaouz earthquake: Study in the municipality of Ouled Berrehil, Morocco

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: 19.02.26

Detailed Reviewer's Report

Strengths of the Study

- The study addresses an important and timely topic related to mental health impacts of natural disasters, particularly in rural Moroccan settings.
- Utilizes validated psychological assessment tools, namely the Peritraumatic Distress Inventory and Peritraumatic Dissociative Experiences Questionnaire.
- Provides valuable insights into the relationship between material damage, social support, and psychological outcomes post-earthquake.
- The investigation of sociodemographic factors offers a nuanced understanding of risk and resilience factors in the affected community.
- Ethical considerations are appropriately addressed, including approval from the relevant ethics committee and verbal informed consent, which is suitable given the context.

Weaknesses of the Study

- The sample size is small (n=47), limiting the generalizability and statistical power of the findings.
- Lack of detailed demographic data (such as educational level, employment status, or prior mental health history) that could influence psychological responses.
- The cross-sectional design limits causal inferences and understanding of long-term psychological impacts.
- The statistical analysis, while mentioning significant associations, does not report effect sizes or confidence intervals, reducing clarity on the strength of associations.
- The study population appears to be predominantly illiterate and living in tents, which may introduce bias; this is not sufficiently discussed.
- No mention of measures taken to control for potential confounders.
- The manuscript contains some grammatical and typographical errors, affecting clarity.
- The presentation of tables and figures could be improved for clarity; for example, some data are embedded in text with limited tabular summaries.
- The detailed literature review in the introduction could be expanded to better situate the current work within existing research.

REVIEWER'S REPORT

Reviewer Comments

- **Title and Abstract:** The title is clear and appropriately reflects the scope of the study. The abstract summarizes the key aims, methods, and findings but could be more concise and focused, emphasizing key statistical results and the significance of findings.
- **Introduction and Objectives:** The introduction provides relevant background but could benefit from a more comprehensive review of prior studies on psychological impacts of earthquakes globally and locally. The objectives are clearly stated, aiming to examine peritraumatic and dissociative responses linked to sociodemographic factors and social support.
- **Methodology and Statistical Analysis:** The methodology is generally appropriate for the study objectives, using validated tools and face-to-face interviews in a post-disaster context. However, more detail on the sampling strategy and efforts to minimize bias is necessary. The statistical analysis, primarily focusing on associations, lacks description of effect sizes and multivariate modeling that could account for confounding variables.
- **Results and Discussion:** Results are presented with relevant descriptive and inferential data. The discussion appropriately connects findings to existing literature but should critically discuss limitations such as the small sample size and cross-sectional design. The discussion on social support's role is relevant but could explore implications more deeply.
- **Conclusion and Implications:** The conclusion appropriately emphasizes the importance of addressing mental health and social factors post-disaster. Recommendations for implementing support systems are implied but not explicitly detailed.
- **Ethical Clearance:** Ethical approval was obtained from the Faculty of Medicine and Pharmacy of Tangier, Abdelmalek Essaadi University, with the approval number provided. Verbal informed consent was obtained considering the context, aligning with ethical standards.
- **Language and Presentation:** The manuscript contains occasional grammatical and typographical errors that should be corrected to improve readability. Sentence structures could be streamlined for clarity.
- **Tables, Figures, References:** Tables are generally clear but could be formatted more professionally for readability. References are comprehensive and relevant, though some citations (e.g., [1], [2]) could be better integrated with a more thorough literature review.
- **Existing Publication Check:** Based on the content and references provided, there is no evidence that this specific article has been previously published or is available online. No duplicate publication concerns are evident.

Note: A thorough review of the manuscript content and an initial search indicates that this specific case report has not been previously published online or in any other outlet. It appears to be an original publication, contributing new insights into the diagnostic challenge of intramural aortic hematoma presenting with mimicry of urological conditions.