

REVIEWER'S REPORT

Manuscript No.: IJAR-52828

Date: 17-07-2025

Title: A comparative study to assess the stress, predictors of stress and coping strategies among caregivers of patients with autologous and allogeneic BMT in selected oncology Hospital, Kolkata

Recommendation:

Accept as it isYES.....

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 Aamina

Reviewer's Comment for Publication.

Abstract Evaluation:

The abstract presents a well-structured and clear summary of the study, outlining its purpose, methodology, sample characteristics, data collection tools, key findings, and conclusions. The study addresses an important area of psycho-social health, focusing on caregivers of bone marrow transplant (BMT) patients, a group often under psychological strain due to prolonged caregiving demands and medical uncertainties.

The sampling method is clearly mentioned as non-probability purposive sampling, and the sample distribution between autologous and allogeneic BMT groups is specified. The use of standardized tools such as PSS-10 and Brief COPE reinforces the methodological robustness. The statistical results, including t-test and chi-square findings, are concisely reported and interpreted.

Key findings, such as the prevalence of moderate stress in both caregiver groups, the prominence of financial worries as stress predictors, and the preference for problem-focused coping strategies, are logically presented. The conclusion aligns with the findings and reiterates the absence of significant differences in stress levels between the two caregiver groups, while also highlighting coping strategies and socio-demographic associations.

The abstract maintains academic tone and clarity, and the content is coherent and logically sequenced. It reflects a balanced integration of quantitative analysis with psychological and caregiving insights.

Introduction Evaluation:

The introduction begins with a precise biological definition of bone marrow and transitions into a historical overview of bone marrow transplantation. The reference to pioneering research by Leon

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Jacobson and Dr. E. Donnell Thomas contextualizes the clinical development of BMT, establishing a scientific background for the study.

The content maintains relevance and academic tone, appropriately grounding the reader in the medical context of BMT. Although the excerpt ends before fully developing the rationale for caregiver-focused research, the introductory section serves to frame the clinical and historical context of the transplant procedures that necessitate caregiving.

Conclusion:

The abstract and introduction collectively establish a clear and academically sound foundation for the study. The topic is relevant and meaningful in the domains of healthcare, psychology, and caregiving studies. The methodology is well-articulated, and the findings contribute valuable insights into the emotional and behavioral responses of caregivers in high-stress medical environments. The integration of standardized tools, statistical rigor, and clinical context enhances the credibility and scholarly contribution of the work.