

PEER-REVIEW REPORT

Name of journal: *World Journal of Psychiatry*

Manuscript NO: 90551

Title: Resilience provides mediating effect of resilience between fear of progression and sleep quality in patients with hematological malignancies

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 07916058

Position: Peer Reviewer

Academic degree: PhD

Professional title: Assistant Professor

Reviewer's Country/Territory: Greece

Author's Country/Territory: China

Manuscript submission date: 2024-01-19

Reviewer chosen by: AI Technique

Reviewer accepted review: 2024-01-22 12:48

Reviewer performed review: 2024-02-02 08:33

Review time: 10 Days and 19 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This study explores the mediating effect of psychological resilience on the fear of disease progression and sleep quality in patients with hematological malignancies. The study addresses the acute onset, rapid progression, and high recurrence rates faced by patients with hematological malignancies, impacting their quality of life and health. Investigating the mediating role of psychological resilience in this population is an important and in-depth exploration in the field. Here are my comments on this study: 1. In the methodological discussion, it would be beneficial to delve more into the advantages and limitations of the cross-sectional study design and its relevance to this specific research question. Could there be a consideration for future longitudinal studies to better understand the dynamic relationships between variables? 2. While the paper indicates the potential role of resilience in interventions, it could further elaborate on practical applications. Can some recommendations be provided on how these findings could be applied in actual clinical practice to improve the psychological and sleep conditions of patients? 3. The opening of the paper provides a relatively concise explanation of the research background. Could there be a more in-depth exploration of why patients with

hematological tumors were chosen as the study subjects and the importance of this research to the field? Minor comments: -In Connor-Davidson Resilience Scale (CD-RISC) on Page 6, The three dimensions are described as 'resilience, optimism and self-reliance', However, it's 'Toughness respectively. optimism and Self-strengthening' in Table 1, Please unify the descriptions in these two places; -According to Table 1, seven dimensions should be 'Sleep efficiency, Sleep disorders, Sleep time, Sleep time, Sleep quality, Daytime dysfunction, Use of hypnotic drugs'. Please recheck the contents in the Pittsburgh Sleep Quality Index (PSQI) on page 7; -Please supplement the missing references: a total of 33 references were cited in the text, but only 19 were listed finally. In summary, this study provides valuable information for understanding and intervening in the psychological health of patients with hematological tumors. Enhancing methodological discussion and practical application as well as some minor errors in the revised article could make it better.