

PEER-REVIEW REPORT

Name of journal: *World Journal of Psychiatry*

Manuscript NO: 87967

Title: Analysis of risk factors leading to anxiety and depression in patients with prostate cancer after castration and the construction of a risk prediction model

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 07746865

Position: Peer Reviewer

Academic degree: MD

Professional title: Associate Professor, Doctor

Reviewer's Country/Territory: United States

Author's Country/Territory: China

Manuscript submission date: 2023-11-03

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-11-07 09:24

Reviewer performed review: 2023-11-14 08:49

Review time: 6 Days and 23 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" 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 Grade E: Do not publish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

Postoperative anxiety and depression are common and serious psychological problems in patients with prostate cancer, and marital status. Li RX et al. conducted a retrospective study to investigate the relationship between various clinical factors and postoperative anxiety and depression in PC patients. In addition, the study aims to establish a prediction model using logistic regression analysis to evaluate the risk of adverse emotional outcomes of these patients. They found that marital status, castration scheme, and postoperative VAS score were identified to be important factors affecting postoperative anxiety and depression in PC patients. The study successfully identified the risk factors and developed a risk prediction model, there are still some limitations. The manuscript is very interesting and useful. The experiment of the study is designed very well, aims are very clear. Methods are reasonable. Data in figures are very good, and well discussed. Finally, the manuscript also reviewed previous related literature. I suggest adding tables to make some of the data picture more clear. Thank you for giving opportunity to review your study.

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Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 07746375

Position: Peer Reviewer

Academic degree: PhD

Professional title: Doctor, Research Scientist

Reviewer's Country/Territory: Turkey

Author's Country/Territory: China

Manuscript submission date: 2023-11-03

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-11-06 09:45

Reviewer performed review: 2023-11-14 10:23

Review time: 8 Days

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
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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

I read with great interest the Manuscript titled "Analysis of risk factors leading to anxiety and depression in patients with prostate cancer after castration and the construction of a risk prediction mode". This study investigated the factors that influence postoperative anxiety and depression in PC patients. Authors adequately described the background, presented status and significance of the study. According to the result of this study, healthcare professionals can develop effective intervention and support strategies to meet the mental health needs of these patients. I have only a minor point to discuss. In the Validation of the risk prediction model, it is suggested to add information about SDS/SAS scores of the validation group and population classification. It is recommended to indicate and propose the next research direction in the article. I recommend accepting this manuscript for publication after a minor editing.