

PEER-REVIEW REPORT

Name of journal: *World Journal of Psychiatry*

Manuscript NO: 88127

Title: Risk factors for cognitive impairment in patients with chronic kidney disease

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 07746880

Position: Peer Reviewer

Academic degree: FACS, MD

Professional title: Assistant Professor

Reviewer's Country/Territory: Canada

Author's Country/Territory: China

Manuscript submission date: 2023-10-30

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-11-01 07:51

Reviewer performed review: 2023-11-07 09:30

Review time: 6 Days and 1 Hour

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 Grade E: Do not publish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

This study investigated the risk factors for concurrent cognitive dysfunction in patients with CKD. They conducted a prospective cohort study between October 2021 and March 2023 in kidney internal medicine, and found that, the risk factors affecting cognitive dysfunction were 60–79 years and ≥ 80 years; primary school education or less; divorced or widowed; self-funded payment method; hypertension; and CKD, which gradually decreases with continuous peritoneal dialysis. This paper is well-written. The experimental design is reasonable, and the results reflects the conclusion as well. I recommend its acceptance after the minor revision. The detailed comments are: 1. The author explores the risk factors for cognitive dysfunction in CKD patients, and should also demonstrate the relevant indicators of kidney disease in patients, and increase the discussion of the cognitive impact of kidney disease itself. 2. P

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Title: Risk factors for cognitive impairment in patients with chronic kidney disease

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 07746382

Position: Peer Reviewer

Academic degree: PhD

Professional title: Doctor

Reviewer's Country/Territory: Turkey

Author's Country/Territory: China

Manuscript submission date: 2023-10-30

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-11-03 03:26

Reviewer performed review: 2023-11-07 10:20

Review time: 4 Days and 6 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 type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
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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

Thank you for the opportunity to review the manuscript titled, Exploring the Risk Factors of Cognitive Impairment in Patients with Chronic Kidney Disease. CK patients have been found to be at risk of concurrent cognitive dysfunction, and studies have shown that cognitive impairment in patients' disease may be caused by different dialysis methods and glomerular filtration rates. In this study, Xiao-Hui Wang et al. aimed to explore the risk factors for cognitive impairment in patients with CKD. By analyzing 200 patients with CKD undergoing peritoneal dialysis, they found that the risk factors affecting cognitive dysfunction were age (60–79 years and ≥ 80 years); education (primary school education or less); marital status (divorced or widowed); payment method (self-funded); and so on. In the reviewer's opinion, this study is very meaningful for the treatment of patients with CKD complicated by cognitive impairment. However, the overall content of the article is less, and a native English speaker is very needed for language correction.