

PEER-REVIEW REPORT

Name of journal: *World Journal of Diabetes*

Manuscript NO: 91302

Title: Associations between remnant cholesterol levels and mortality in patients with diabetes

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06394895

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: China

Manuscript submission date: 2023-12-30

Reviewer chosen by: AI Technique

Reviewer accepted review: 2024-01-12 12:34

Reviewer performed review: 2024-01-12 12:41

Review time: 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 Grade E: Do not publish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 type="checkbox"/> Minor revision <input checked="" 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

I have reviewed your manuscript "Association of remnant cholesterol and mortality in patients with diabetes: Results from the National Health and Nutrition Examination Survey 1999-2018." This study offers valuable insights into the association between remnant cholesterol and mortality in diabetic patients. However, there are several areas that need to be addressed: Grammatical and Language Issues: The manuscript contains several grammatical errors that need correction to enhance clarity and readability. Depth and Scope of Discussion: The discussion could benefit from a more in-depth exploration of the mechanisms behind the observed associations. Specifically, it is crucial to discuss the impact of systemic inflammation and metabolic syndrome on lipid abnormalities, as suggested by the study doi:10.3389/fimmu.2022.925690. Consideration of Racial Differences: It's essential to discuss the potential racial disparities in the association between blood lipid levels and mortality in diabetic patients, referencing the study doi: 10.1007/s12011-022-03521-y. Dietary and Cardiovascular Factors: The role of dietary inflammation in the observed associations, particularly regarding cardiovascular mortality, should be considered and discussed, citing studies doi:



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10.1016/j.numecd.2023.03.005 and doi: 10.1016/j.numecd.2023.04.015. Overall, while your research is intriguing, addressing these points will significantly strengthen the manuscript.