PEER-REVIEW REPORT

Name of journal: *World Journal of Diabetes*

Manuscript NO: 87715

Title: Associations between Geriatric Nutrition Risk Index, bone mineral density and body composition in type 2 diabetes patients

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 04214534

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: China

Manuscript submission date: 2023-08-24

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-08-24 05:11

Reviewer performed review: 2023-09-03 12:47

Review time: 10 Days and 7 Hours

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good
	[ ] Grade D: Fair [ ] Grade E: Do not publish
Novelty of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair
	[ ] Grade D: No novelty
Creativity or innovation of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair
	[ ] Grade D: No creativity or innovation

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

SPECIFIC COMMENTS TO AUTHORS

In this study, patients were categorized based on baseline nutritional risk index (GNRI) values calculated from ALB level and body weight to assess their nutritional status and were analyzed. The conclusion"A high GNRI, was associated with a lower HbA1c, higher BMD at all bone sites, higher lean mass index and higher ASMI" is somewhat innovative. But because this study was retrospective and the GNRI calculation was related to body weight and ALB level, how the ideal weight is known is not mentioned. When making model adjustments, the indicators are related to body weight and albumin level, whether it is necessary to consider the problem of collinearity between model indicators. In addition, patients' weight and albumin levels may vary dynamically, and there may be differences among the three groups depending on the patient's medication use, whether or not they have an impact on the patient's index levels, it is recommended that patients be matched before analysis. In addition, the authors noted that the patient's age span was large and no single sex-and-age analysis was performed, suggesting that the analysis be performed after patient matching. Information on medication and lifestyle was seen in the results section, and it was recommended that specific

questionnaires be added to the supplementary material or that information be described in the methodology.

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Scientific significance of the conclusion in this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No scientific significance
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Re-review	[ ] Yes [Y] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Dear authors I was pleased to review your article and I have the following comments: Nutrition is mandatory to a healthly life and prevention. Your study is very important and should be publish. Please explain the limitation of your study.English edits are required.