PEER-REVIEW REPORT

Name of journal: *World Journal of Diabetes*

Manuscript NO: 87213

Title: Body composition and metabolic syndrome in patients with type 1 diabetes

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 04213605

Position: Peer Reviewer

Academic degree: BSc

Professional title: Teaching Assistant

Reviewer's Country/Territory: Singapore

Author's Country/Territory: China

Manuscript submission date: 2023-09-18

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-10-19 08:00

Reviewer performed review: 2023-10-19 08:05

Review time: 1 Hour

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish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

Scientific significance of the conclusion in this manuscript	[ ] Grade A: Excellent [ ] Grade B: Good [Y] 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) [Y] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection
Re-review	[ ] Yes [Y] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Accept in present form.

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Manuscript NO: 87213

Title: Body composition and metabolic syndrome in patients with type 1 diabetes

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05249683

Position: Editorial Board

Academic degree: BSc, MSc, PhD

Professional title: Professor

Reviewer's Country/Territory: Egypt

Author's Country/Territory: China

Manuscript submission date: 2023-09-18

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-10-26 08:29

Reviewer performed review: 2023-11-03 17:23

Review time: 8 Days and 8 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Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish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) [Y] Minor revision　[　] Major revision　[　] Rejection
Re-review	[　] Yes　[Y] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous　[　] Onymous
	Conflicts-of-Interest: [　] Yes　[Y] No

SPECIFIC COMMENTS TO AUTHORS

The authors found in this manuscript a good conclusion. In Chinese people with T1DM, visceral fat was found to be a better predictor of metabolic syndrome than standard measurements like BMI and waist-to-hip ratio. Body composition studies, specifically detecting visceral fat (trunk fat), may be useful in recognizing the elevated risk of metabolic syndrome in non-obese Type 1 diabetes patients. The manuscript has to improve with the following comments: 1) There are no references in the laboratory methods. A reference should be cited for each parameter. 2) Table 1 should be rearranged or divided into two tables, one table, or a bar graph. 3) Some expressions in Table 4 are unclear, such as "Wald" and "OR". The authors must clarify these expressions in both the table legend and the SE.