

PEER-REVIEW REPORT

Name of journal: *World Journal of Diabetes*

Manuscript NO: 68605

Title: Age at diagnosis of type 2 diabetes and cardiovascular risk factor profile: A pooled analysis

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03833672

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: United States

Author's Country/Territory: United Kingdom

Manuscript submission date: 2021-05-28

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-05-28 17:20

Reviewer performed review: 2021-06-07 23:58

Review time: 10 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 Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input 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 checked="" type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input 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
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SPECIFIC COMMENTS TO AUTHORS

This is a well done study using age as a continuous variable showing that age of onset of diabetes is associated with a worse cardiovascular risk profile . Was the labs obtained in the fasting state ? Since you have the 5 features of Metabolic Syndrome please report the frequency of MetS in the 3 groups by the Alberti et al global definition . Since you had Asians/Indians more commonly in the <40 group please cite the pioneering work of Jialal I et al eg Diabetes Research, 1986 since they showed that in young Indian T2D patients in South Africa they had worse cardiovascular outcomes and were predominantly female like in your study