

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 54916

Title: Metabolic biomarkers and long-term blood pressure variability in military young male adults

Reviewer's code: 02889203

Position: Editorial Board

Academic degree: PhD

Professional title: Chief Doctor

Reviewer's Country/Territory: Greece

Author's Country/Territory: Taiwan

Manuscript submission date: 2020-02-25

Reviewer chosen by: Jie Wang

Reviewer accepted review: 2020-03-04 10:24

Reviewer performed review: 2020-03-05 13:35

Review time: 1 Day and 3 Hours

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 Grade E: Do not publish
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 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 good study and impressive about the included population and study-period (2012-2018). -However, I am disturbed by the third restriction "we did not have data for amount and frequency of alcohol consumption and tobacco smoking of each subject, a potential modifier on the relationship between metabolic biomarkers and blood pressure, to examine the effect on the long-term BPV", due to the frequency and amount of alcohol consumption perhaps has an inverse association with BPV. - In table 1, in characteristics the renal function by eGFR value is absent, despite it is reported that uric acid levels depend on urinary excretion.