PEER-REVIEW REPORT

Name of journal: *World Journal of Neurology*

Manuscript NO: 82788

Title: Alcohol Intolerance and Myalgic Encephalomyelitis/Chronic Fatigue Syndrome

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05504262

Position: Associate Editor

Academic degree: DA, DNB, MBBS, MNAMS

Professional title: Associate Professor

Reviewer's Country/Territory: Indonesia

Author's Country/Territory: United States

Manuscript submission date: 2022-12-27

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-01-10 18:31

Reviewer performed review: 2023-01-10 18:38

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Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish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 [ ] Grade B: Minor language polishing [Y] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [ ] Minor revision [ ] Major revision [Y] Rejection
Re-review	[ ] Yes [Y] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

kindly resubmit the manuscript in proper format wit clear headings. The results are not discuessed properly and discusion is very limited with the aims and objectives poorly highlighted.   validation of survey questions not nentioned. References are limited.

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Reviewer's code: 03646555

Position: Peer Reviewer

Academic degree: FRACP, MBBS

Professional title: Attending Doctor, Lecturer, Staff Physician

Reviewer's Country/Territory: Australia

Author's Country/Territory: United States

Manuscript submission date: 2022-12-27

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-03-28 11:25

Reviewer performed review: 2023-04-01 01:54

Review time: 3 Days and 14 Hours

Scientific quality	[ ] Grade A: Excellent　[ ] Grade B: Very good　[ ] Grade C: Good [Y] 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　[Y] Grade B: Good　[ ] 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
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	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

1) The abstract is not written according to scientific convention and does not reflect the study methodology at all. The abstract should not be used as only an area to justify one aspect of this study (the fact that participants in the current study were asked whether they have avoided alcohol in the past 6 months). It should describe the participant numbers, the methodologies and questionnaires used, the statistical approaches. 2) Similarly, in the introduction, the whole paragraph "Surveys which ask respondents with ME/CFS whether they experienced alcohol intolerance within a recent time frame might produce inaccurate results, since respondents may indicate that the symptom was not present if they have avoided alcohol in the designated time frame [12]. Due to this concern, the instrument used in this study (DePaul Symptom Questionnaire-2) asks participants whether they have avoided alcohol in the past 6 months, and if they have, how severe their alcohol intolerance would be if they were to drink alcohol [12]. We suggest that a failure to account for the effect of question wording may partially explain the inconsistency in findings related to alcohol intolerance in ME/CFS" belongs in the methodology rather than the introduction. 3) In the methods, please ensure that the

DSQ-2 is introduced in full and described in detail, before it is referred to by an acronym. 4) "publically" should be spelled "publicly" 5) It is unclear why in the linear regression model the authors did not use SF-36 scores as variables as well as DSQ-2 domain scores. 6) In the results, the sentence "Of the 8 symptom domains, 5 domain scores were significantly different post-exertional malaise, cognitive impairment, pain, orthostatic intolerance, and temperature intolerance" does not specify the directionality of difference. I guess it is implied that those with alcohol intolerance had worse domain scores than those without alcohol intolerance. But it should be made explicitly clear. 7) The sentence "Only the orthostatic intolerance domain significantly predicted alcohol intolerance (β = 0.21, p = 0.01)" should read "Only the orthostatic intolerance domain significantly predicted alcohol intolerance severity (β = 0.21, p = 0.01)", as this was a linear outcome rather than a binary categorical outcome.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Position: Peer Reviewer

Academic degree: FRACP, MBBS

Professional title: Attending Doctor, Lecturer, Staff Physician

Reviewer's Country/Territory: Australia

Author's Country/Territory: United States

Manuscript submission date: 2022-12-27

Reviewer chosen by: Yu-Jie Ma

Reviewer accepted review: 2023-04-15 03:04

Reviewer performed review: 2023-04-15 03:08

Review time: 1 Hour

Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[Y] Grade A: Priority publishing [ ] 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
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Acceptable responses to my previous queries.