



PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 83104

Title: Outbreak of methanol-induced optic neuropathy in early Covid-19 era;
Effectiveness of erythropoietin and methylprednisolone therapy

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03547306

Position: Peer Reviewer

Academic degree: PhD

Professional title: Chief Doctor

Reviewer's Country/Territory: Serbia

Author's Country/Territory: Iran

Manuscript submission date: 2023-01-07

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-01-08 22:30

Reviewer performed review: 2023-01-08 22:31

Review time: 1 Hour

Scientific quality	<input checked="" type="checkbox"/> Grade A: Excellent <input 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 Grade E: Do not publish
Novelty of this manuscript	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation



Baishideng Publishing Group

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

Scientific significance of the conclusion in this manuscript	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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 type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" 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

SPECIFIC COMMENTS TO AUTHORS

good



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Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03538691

Position: Editorial Board

Academic degree: MD

Professional title: Associate Professor, Chief Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Iran

Manuscript submission date: 2023-01-07

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-01-17 16:27

Reviewer performed review: 2023-01-23 12:20

Review time: 5 Days and 19 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
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
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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

SPECIFIC COMMENTS TO AUTHORS

1. The mechanism of methanol toxicity mentioned in the submission is the accumulation of formic acid in body fluid will lead to metabolic acidosis, inhibition of mitochondrial cytochrome C oxidase and depletion of adenosine triphosphate (ATP). EPO has anti-apoptotic and angiogenic activities, anti-inflammatory and antioxidant effects, as well as potential neuroprotective and neurogenic effects on ischemia. The author's explanation of the mechanism of EPO treating "methanol toxicity" is probably not clear enough. Personally, the author mentioned in the article that "supportive treatment including electrolyte imbalance correction and hemodialysis" is the real treatment method because they are used to deal with accumulation of formic acid in body fluid which lead to metabolic acidosis. EPO treatment is only an auxiliary method. The author needs to explain it.

2. The authors may cite some references from F6 Publishing system.