International Journal of High Risk Behaviors and Addiction
Volume 13 · Issue 1 · e140167

OPEN PEER REVIEW

Effect of Intravenous Vitamin C on Serum Level and Urinary Excretion of Methadone in Patients with Methadone Poisoning: A Randomized Single-Blind Clinical Trial

Bahareh Ghiasi, Zahra Khalighi, Maryam Sadat Hashemi, Amin Mirzaei, Naser Abbasi, Aliashraf Mozafari

SUBMITTED	REVISED	ACCEPTED	DOI
20 Aug 2023	15 Jan 2024	7 Feb 2024	10.5812/ijhrba-140167

About this report

This open peer review (OPR) report shows the public comments made on this article during peer review, by the reviewers, the associate editor and the editor-in-chief, for every revision round, together with the authors' replies. Comments appear only with the consent of the people who wrote them. Reviewers who chose to sign their report are named; the others are shown as "Referee". Comments are edited for language only, and confidential remarks to the editors are not included.

More about open peer review: brieflands.com/knowledgebase/opr

Contents

1 **Original submission** Referee 1, Associate Editor, Editor-in-Chief 2
2 **Revision 1** Associate Editor, Editor-in-Chief 3
Authors' reply to reviewers 4
Reviewer and editor comments 7

1 Original submission

3 comments · 12 Nov 2023 – 13 Nov 2023

Referee 1 Reviewer

MAJOR REVISION 12 Nov 2023

The manuscript provides a clear and concise abstract that outlines the objectives, methods, and key findings of the study. The objectives are well-defined, and the rationale for the study is adequately explained. The study design and methods are also described in sufficient detail to allow for replication. The results of the study are presented clearly, and statistical analyses are appropriately used to support the findings.
However, there are some aspects of the manuscript that could be improved. The abstract could provide more information on the clinical implications of the study findings and how they may impact the management of methadone poisoning. Additionally, the manuscript would benefit from a more thorough discussion of the limitations of the study, including potential sources of bias and confounding variables. A more comprehensive discussion of the clinical relevance of the findings and potential future research directions would also enhance the manuscript.
Overall, the manuscript presents a well-conducted study with clear objectives and methods. With some additional improvements in discussing the clinical implications and limitations of the study, this research article would make a valuable contribution to the field of addiction medicine.

Associate Editor

MAJOR REVISION 13 Nov 2023

major revision

Editor-in-Chief

MAJOR REVISION 13 Nov 2023

I appreciate this valuable article, but this manuscript needs some corrections. There are some comments which should be addressed by the author:
Answer the comments one by one.
Highlight the changes IN MAIN FILE.
Recheck the ethical considerations, limitations, conclusion and footnotes.
Regards,

2

Revision 1

AUTHORS' RESPONSE TO REVIEWERS

Authors' reply to reviewers

The next pages contain the authors' point-by-point reply to the comments of this revision round, as submitted with the revised manuscript. It is published as the authors wrote it.

Authors' response to the reviewer's comments

Dear Editorial

International Journal of High Risk Behaviors and Addiction

Thank you very much for reviewing our manuscript entitled **"The effect of vitamin C on serum level and urinary excretion of methadone: The Randomized single-blind Clinical Trial"**

We also greatly appreciate the reviewers for their complimentary comments and suggestions. We have carried out the experiments that the reviewers suggested and revised the manuscript accordingly.

Please find attached a response to the reviewer's concerns. We hope that you find our responses satisfactory and that the manuscript is now acceptable for publication as short communication article.

Since all the corrections have been made, we look forward to hearing from you regarding our submission. We would be glad to respond to any further questions and comment that you may have.

Sincerely,

Aliashraf Mozafari, Assistant Professor of Epidemiology, Psychosocial Injuries Research Center, Ilam University of medical Sciences, Ilam, Iran,

Reviewer's1

comments1: Please add a "Background" section to the abstract.

Response: The section was corrected and highlighted.

Comments 2: It is suggested to add "Vitamin C" to the Keywords of the study.

Response: Vitamin C was added to the keywords.

Comments 3: Please correct the size of the title, headings, and sub-headings according to the instructions.

Response: Thanks for this comment, Corrections was done according to the instructions.

Comments 4: The introduction section should be explained more and the text should flow properly.

Response: We thank the reviewers for their careful reading. The introduction section was revised, and highlighted.

Comments 5: Update the introduction references. Please use more new studies (2020 - 2023) in your manuscript.

Response: We thank the reviewers for their careful reading. the manuscript was enhanced by the addition of new studies and research results. (References 12, 15, 26).

Comments 6: Please write the equation in the sample volume estimation section and remove the image.

Response: The equation image was removed.

Comments 7: Please add the “objectives” section to the structure of the article.

Response: The objectives” section was added to the structure of the manuscript.

Comments 8: Please Ad justify the “acknowledgment” text and references.

Response: This section was corrected, and highlighted.

Comments 9: Correct the typos and grammatical errors. There are some spelling mistakes in the Manuscript,

Response: Thanks for this comment. Some grammatical errors were re-checked and corrected in the manuscript.

Reviewer's 2

Comments1: The abstract could provide more information on the clinical implications of the study findings and how they may impact the management of methadone poisoning.

Response: We thank the reviewers for their careful reading. In order to minimize the abstract details of article, the clinical implications of the study findings were removed.

Comments2: A more comprehensive discussion of the clinical relevance of the findings and potential future research directions would also enhance the manuscript.

Response: We appreciate that the reviewers comment. The role of vitamin C on opioid toxicity, specifically methadone as the classical opioid, has been briefly investigated both clinically and in model systems and, few studies have been carried out in humans.

However, the manuscript was enhanced by the addition of new studies and research results and added to the discussion and introduction sections. The section was completely revised, and highlighted.

2 Revision 1

2 comments · 7 Feb 2024 – 7 Feb 2024

Associate Editor

ACCEPT 7 Feb 2024

Accept

Editor-in-Chief

ACCEPT 7 Feb 2024

Accept