PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 75842

Title: Chlorine poisoning caused by improper mixing of household disinfectants during the COVID-19 pandemic: case series

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 00722193

Position: Editorial Board

Academic degree: MD

Professional title: Attending Doctor, Consultant Physician-Scientist, Dean, Professor

Reviewer’s Country/Territory: Iran

Author’s Country/Territory: China

Manuscript submission date: 2022-02-18

Reviewer chosen by: Jia-Qi Zhu

Reviewer accepted review: 2022-04-11 14:31

Reviewer performed review: 2022-04-19 09:09

Review time: 7 Days and 18 Hours

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<th>Scientific quality</th>
<th>Grade A: Excellent</th>
<th>Grade B: Very good</th>
<th>Grade C: Good</th>
<th>Grade D: Fair</th>
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<td>Conclusion</td>
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SPECIFIC COMMENTS TO AUTHORS
1. Please explain that respiratory complications following chlorine gas exposure occur immediately after exposure, and that patients present 240 hours after exposure are not justified. 2. Given the limited number of patients, how is it concluded that corticosteroids may improve lung exudation in severe cases?
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Manuscript NO: 75842

Title: Chlorine poisoning caused by improper mixing of household disinfectants during the COVID-19 pandemic: case series

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 05326255

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer’s Country/Territory: Czech Republic

Author’s Country/Territory: China

Manuscript submission date: 2022-02-18

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-05-06 07:19

Reviewer performed review: 2022-05-15 19:23

Review time: 9 Days and 12 Hours

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SPECIFIC COMMENTS TO AUTHORS
The study by Lin et al presents the results of 7 cases of chlorine poisoning from household disinfectants. The manuscript is well written, the language is of reasonable quality and the presented topic is both interesting and important for clinicians. I have only one comment: the authors should choose only one corresponding author. 1 Title. Does the title reflect the main subject/hypothesis of the manuscript? Yes 2 Abstract. Does the abstract summarize and reflect the work described in the manuscript? Yes 3 Key words. Do the key words reflect the focus of the manuscript? Yes 4 Background. Does the manuscript adequately describe the background, present status and significance of the study? Yes 5 Methods. Does the manuscript describe methods (e.g., experiments, data analysis, surveys, and clinical trials, etc.) in adequate detail? Yes 6 Results. Are the research objectives achieved by the experiments used in this study? What are the contributions that the study has made for research progress in this field? Yes 7 Discussion. Does the manuscript interpret the findings adequately and appropriately, highlighting the key points concisely, clearly and logically? Are the findings and their applicability/relevance to the literature stated in a clear and definite manner? Is the discussion accurate and does it discuss the paper’s scientific significance and/or relevance to clinical practice sufficiently? Yes 8 Illustrations and tables. Are the figures, diagrams and tables sufficient, good quality and appropriately illustrative of the paper contents? Do figures require labeling with arrows, asterisks etc., better legends? Yes 9 Biostatistics. Does the manuscript meet the requirements of biostatistics? Yes 10 Units. Does the manuscript meet the requirements of use of SI units? Yes 11 References. Does the manuscript cite appropriately the latest, important and authoritative references
in the introduction and discussion sections? Does the author self-cite, omit, incorrectly cite and/or over-cite references? Yes 12 Quality of manuscript organization and presentation. Is the manuscript well, concisely and coherently organized and presented? Is the style, language and grammar accurate and appropriate? Yes 13 Research methods and reporting. Authors should have prepared their manuscripts according to manuscript type and the appropriate categories, as follows: (1) CARE Checklist (2013) - Case report; (2) CONSORT 2010 Statement - Clinical Trials study, Prospective study, Randomized Controlled trial, Randomized Clinical trial; (3) PRISMA 2009 Checklist - Evidence-Based Medicine, Systematic review, Meta-Analysis; (4) STROBE Statement - Case Control study, Observational study, Retrospective Cohort study; and (5) The ARRIVE Guidelines - Basic study. Did the author prepare the manuscript according to the appropriate research methods and reporting? Yes 14 Ethics statements. For all manuscripts involving human studies and/or animal experiments, author(s) must submit the related formal ethics documents that were reviewed and approved by their local ethical review committee. Did the manuscript meet the requirements of ethics? Yes