

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 86192

Title: Acute diquat poisoning case with multiorgan failure and a literature review: A case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 00502802

Position: Peer Reviewer

Academic degree: DNB, FCCP, MBBS

Professional title: Director, Doctor

Reviewer's Country/Territory: India

Author's Country/Territory: China

Manuscript submission date: 2023-06-09

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-07-17 07:04

Reviewer performed review: 2023-07-19 07:39

Review time: 2 Days

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 Grade E: Do not publish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

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

SPECIFIC COMMENTS TO AUTHORS

I read with great interest the manuscript entitled “A case of acute diquat poisoning with multiorgan failure and a literature review”. The case report is well written but I have a few suggestions: 1. As much emphasis has been placed on the association of dose of diquat with patient outcomes, the dose ingested by your patient should be clearly mentioned. 2. Table 3: Would suggest to remove your case from the list, as it is not yet a part of published literature. 3. As free oxygen radicles may increase the toxicity, emphasis should be given to oxygen therapy in diquat poisoning. What were the oxygen targets for your patient and what is the current literature. 4. “General clinical data: A total of 19 patients were enrolled, including 10 males and 9 females,…” I believe this includes the present case too. How can this be a part of your literature search, as it is not yet published? 5. Why were patients divided in 2 groups? Patients should be divided in groups only if you are comparing the groups. If you are comparing groups, then you must show the statistical tests applied and mention the significant differences. Otherwise, with only 18 patients, you may simply state the relevant findings. 6. Discussion: The need for early extra corporeal removal is because of high volume of distribution. Hence,

late dialysis may not be helpful. This should be clearly discussed. 7. Figure 1 and table 1 are repetitive. 8. Figure 2 and table 2 do not offer any new information. 9. "In this study, a total of 15 patients (78.95%) had liver function damage.." This is not a study, but a case report and literature review. So please, refrain from mentioning this as a study.

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Peer-review model: Single blind

Reviewer's code: 04551037

Position: Editorial Board

Academic degree: MD, MSc

Professional title: Associate Professor

Reviewer's Country/Territory: Turkey

Author's Country/Territory: China

Manuscript submission date: 2023-06-09

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-07-25 11:02

Reviewer performed review: 2023-07-25 11:29

Review time: 1 Hour

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
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Re-review	<input checked="" 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

SPECIFIC COMMENTS TO AUTHORS

Figures: A drawing about the molecular structure of Diquat should be added and a paragraph of information should be given on this subject. CT images: CT images of the identified case should be attached and pathological findings in the images should be marked appropriately. Numbering: Numberings like 1,2 are frequently seen in the text. It distorts the seriousness of the article, the relevant parts can be tabulated. A schematic drawing of Diquat's poisoning mechanism and system involvement should be attached. Authors often refer to their texts as the study; but this is a literature review. Relevant parts need to be corrected.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Academic degree: DNB, FCCP, MBBS

Professional title: Director, Doctor

Reviewer's Country/Territory: India

Author's Country/Territory: China

Manuscript submission date: 2023-06-09

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-08-14 06:54

Reviewer performed review: 2023-08-14 07:10

Review time: 1 Hour

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
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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Changes made as advised. Can be accepted for publication