

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 71916

Title: Acute Kidney Injury due to Intravenous Detergent Poisoning: A Case Report

Reviewer's code: 05466208

Position: Peer Reviewer

Academic degree:

Professional title:

Reviewer's Country/Territory: Reviewer_Country

Author's Country/Territory: South Korea

Manuscript submission date: 2021-09-26

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-09-26 18:25

Reviewer performed review: 2021-09-27 02:16

Review time: 7 Hours

Scientific quality	[<input checked="" type="radio"/>] Grade A: Excellent [<input type="radio"/>] Grade B: Very good [<input type="radio"/>] Grade C: Good [<input type="radio"/>] Grade D: Fair [<input type="radio"/>] Grade E: Do not publish
Language quality	[<input checked="" type="radio"/>] Grade A: Priority publishing [<input type="radio"/>] Grade B: Minor language polishing [<input type="radio"/>] Grade C: A great deal of language polishing [<input type="radio"/>] Grade D: Rejection
Conclusion	[<input checked="" type="radio"/>] Accept (High priority) [<input type="radio"/>] Accept (General priority) [<input type="radio"/>] Minor revision [<input type="radio"/>] Major revision [<input type="radio"/>] Rejection
Re-review	[<input checked="" type="radio"/>] Yes [<input type="radio"/>] No
Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No



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SPECIFIC COMMENTS TO AUTHORS

Comment 1: Well structured and written manuscript highlighting an interesting topic.

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 71916

Title: Acute Kidney Injury due to Intravenous Detergent Poisoning: A Case Report

Reviewer's code: 03214362

Position: Peer Reviewer

Academic degree:

Professional title:

Reviewer's Country/Territory: China

Author's Country/Territory: South Korea

Manuscript submission date: 2021-09-26

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-09-26 14:22

Reviewer performed review: 2021-09-27 10:29

Review time: 20 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 Grade E: Do not publish
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 checked="" type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input 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

This article reported a case of acute kidney injury caused by intravenous injection of detergent, which is very rare in clinical practice and rarely reported. The authors gave a detailed description of the onset, diagnosis and treatment process and prognosis of the case. At the same time, renal biopsy was used to further verify the diagnosis of AKI. The medical record is scientific and has guiding value for clinical practice. It is recommended to be recruited.

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 71916

Title: Acute Kidney Injury due to Intravenous Detergent Poisoning: A Case Report

Reviewer's code: 05144724

Position: Peer Reviewer

Academic degree:

Professional title:

Reviewer's Country/Territory: Reviewer_Country

Author's Country/Territory: South Korea

Manuscript submission date: 2021-09-26

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-09-27 08:37

Reviewer performed review: 2021-09-28 11:08

Review time: 1 Day and 2 Hours

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
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 type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input 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 type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This is a case report of intravenous detergent-associated nephrotoxicity. The manuscript is clear and easy to read. The information was adequately provided. Although this is not the first report of the type, the rarity of this event makes the case interesting and should be available to the medical communities. I have few points to raise. 1. The authors provided the component of the detergent. Do the author know their molecular size or volume of distribution? And, if retrospectively speaking, would it really be necessary to do the hemodiafiltration rather than hemodialysis in order to remove these toxins? 2. Do the authors think that elevated liver enzymes and hyperbilirubinemia also result from this detergent? If so, it might be good to make some comment about this in the discussion part since TB 3.48 mg/dL is significantly abnormal. I still question about the cause of the elevated AST (without ALT), hyper bilirubinemia (indirect bilirubin was also elevated with the direct bilirubin), and LDH. Could there be some degree of hemolysis that cause all of this in the first day? Hemoglobin level was also decreased from 12.6 to 10.1 g/dL in the second day, which might be a little bit too high for hemodilution due to decreased urine output? But again, elevated AST, bilirubin, and LDH could be from liver injury (although a bit strange that ALT was not also significantly increased). Maybe if the information from peripheral blood smear would be helpful if there is any. 3. This might not relevant to the case, but I still miss the true reason why another patient had to inject the detergent to this patient?

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 71916

Title: Acute Kidney Injury due to Intravenous Detergent Poisoning: A Case Report

Reviewer's code: 03769068

Position: Editorial Board

Academic degree: PhD

Professional title: Adjunct Professor, Professor

Reviewer's Country/Territory: Brazil

Author's Country/Territory: South Korea

Manuscript submission date: 2021-09-26

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-09-27 15:11

Reviewer performed review: 2021-10-02 13:47

Review time: 4 Days and 22 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
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 checked="" type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input 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

This is a rare case report. The manuscript is well written, the case description is detailed, the theoretical context very well established.