PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 75690

Title: Rare case of compartment syndrome provoked by inhalation of polyurethane agent: A case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 05347124

Position: Peer Reviewer

Academic degree: MD

Professional title: Associate Professor, Doctor

Reviewer’s Country/Territory: China

Author’s Country/Territory: South Korea

Manuscript submission date: 2022-02-10

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-02-10 16:19

Reviewer performed review: 2022-02-11 11:21

Review time: 19 Hours

| Scientific quality | [ ] Grade A: Excellent | [ ] Grade B: Very good | [ ] Grade C: Good |
|                   | [ ] Grade D: Fair      | [ ] Grade E: Do not publish |

| Language quality  | [ ] Grade A: Priority publishing | [ ] Grade B: Minor language polishing |
|                   | [ ] Grade C: A great deal of language polishing | [ ] Grade D: Rejection |

| Conclusion        | [ ] Accept (High priority) | [ ] Accept (General priority) |
|                   | [ ] Minor revision | [ ] Major revision | [ ] Rejection |

| Re-review         | [ ] Yes | [ ] No |


SPECIFIC COMMENTS TO AUTHORS
The manuscript is good, but there are the following problems: 1. The author mentioned elevated creatine kinase in the patient, but did not provide specific data. It is important for this paper to ask the author to add specific data on dynamic changes of creatine kinase and its isoenzymes in the patient. 2. The author was requested to provide a copy of the patient's electrocardiogram for differential diagnosis. 3. For myofascial compartment syndrome, whether the author adopted comprehensive treatment including dehydration diuretic, glucocorticoid, if yes, please supplement and improve. 4. Are there abnormalities in the patient's liver and kidney function and other related laboratory tests? Please ask the author to add. 5. Does the patient have compression of the affected limb during coma? How long was the patient unconscious? Any other trauma? Please ask the author to add.
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Title: Rare case of compartment syndrome provoked by inhalation of polyurethane agent: A case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 05936182

Position: Editorial Board

Academic degree: MD

Professional title: Associate Professor

Reviewer’s Country/Territory: Thailand

Author’s Country/Territory: South Korea

Manuscript submission date: 2022-02-10

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-05-26 09:44

Reviewer performed review: 2022-05-26 09:49

Review time: 1 Hour

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<td>Accept (General priority)</td>
<td>Minor revision</td>
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<tr>
<td>Re-review</td>
<td>Yes</td>
<td>No</td>
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SPECIFIC COMMENTS TO AUTHORS
Firstly, thank you for opportunity to review very interested article. I don't feel qualified to judge about the English language and style due to not native language. 1. The title reflect the main subject about compartment syndrome, title was clear and easy to understand. 2. The abstract summarize and reflect the work described in the manuscript. 3. The key words reflect the focus of the manuscript. 4. The manuscript adequately describe the background, present status, and significance of the study. The authors explain compartment syndrome in definition and clinical manifestation. 5. The manuscript describe history and physical examination completely. 6. The manuscript interpret the findings adequately and appropriately, highlighting the key points concisely, clearly, and logically. 7. Tables and figures sufficient, good quality and appropriately illustrative of the paper contents. 8. The manuscript cite appropriately the latest, important, and authoritative references in the introduction and discussion sections. However, some of references were incorrect style for this journal.
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Name of journal: World Journal of Clinical Cases
Manuscript NO: 75690
Title: Rare case of compartment syndrome provoked by inhalation of polyurethane agent: A case report
Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed
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: South Korea
Manuscript submission date: 2022-02-10
Reviewer chosen by: Dong-Mei Wang
Reviewer accepted review: 2022-05-26 04:11
Reviewer performed review: 2022-05-29 09:07
Review time: 3 Days and 4 Hours

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SPECIFIC COMMENTS TO AUTHORS
1 Title. Appropriate 2 Abstract. Too long and pertinent, should be summarized. 3 Key words. Appropriate 4 Background. Appropriate 5 Methods. Appropriate 6 Results. Appropriate 7 Discussion. It should be more brief. The association between rhabdomyolysis and compartment syndrome and hypoxia and polyurethane toxicity should be discussed in more detail. Also I cannot understand the “A few physicians prefer to defer emergency fasciotomy pending other possible diagnoses and radiological evaluation findings.” Sentence, please revise. 8 Illustrations and tables. Appropriate 9 Biostatistics. Not applicable 10 Units. Appropriate 11 References. Appropriate 12 Quality of manuscript organization and presentation. Appropriate 13 Research methods and reporting. Appropriate 14 Ethics statements. Not applicable
RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Clinical Cases
Manuscript NO: 75690
Title: Rare case of compartment syndrome provoked by inhalation of polyurethane agent: A case report
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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: South Korea
Manuscript submission date: 2022-02-10
Reviewer chosen by: Han Zhang
Reviewer accepted review: 2022-06-26 05:40
Reviewer performed review: 2022-06-26 05:46
Review time: 1 Hour

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<td>[ ] Grade D: Fair</td>
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<td>[ ] Rejection</td>
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| Peer-reviewer       | Peer-Review: [Y] Anonymous | [ ] Onymous |

1
SPECIFIC COMMENTS TO AUTHORS
The recommendations were performed, thank you.
RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 75690

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Reviewer’s code: 05347124

Position: Peer Reviewer

Academic degree: MD

Professional title: Associate Professor, Doctor

Reviewer’s Country/Territory: China

Author’s Country/Territory: South Korea

Manuscript submission date: 2022-02-10

Reviewer chosen by: Han Zhang

Reviewer accepted review: 2022-06-26 15:33

Reviewer performed review: 2022-06-26 15:39

Review time: 1 Hour

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SPECIFIC COMMENTS TO AUTHORS

Agree to published