

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 78017

**Title:** Aortic Dissection with Epileptic Seizure: A Case Report

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 00233953

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Professor

**Reviewer's Country/Territory:** United States

**Author's Country/Territory:** China

**Manuscript submission date:** 2022-06-02

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-07-07 10:34

**Reviewer performed review:** 2022-07-09 12:31

**Review time:** 2 Days and 1 Hour

<b>Scientific quality</b>	<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 Grade E: Do not publish
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer</b>	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous



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statements

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

#### **SPECIFIC COMMENTS TO AUTHORS**

Comment #1: nice case, however it remains unclear if and how the seizure is related to the aortic dissection it may just have been coincidence or triggered by the acute illness please discuss

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**Reviewer's code:** 03846820

**Position:** Editorial Board

**Academic degree:** FACC, FESC, MD

**Professional title:** Academic Research, Assistant Professor, Doctor

**Reviewer's Country/Territory:** Netherlands

**Author's Country/Territory:** China

**Manuscript submission date:** 2022-06-02

**Reviewer chosen by:** Dong-Mei Wang

**Reviewer accepted review:** 2022-08-11 06:08

**Reviewer performed review:** 2022-08-11 06:18

**Review time:** 1 Hour

<b>Scientific quality</b>	<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
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statements

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

## SPECIFIC COMMENTS TO AUTHORS

Dear authors, The article represents a case report which is focused on aortic dissection with a seizure. I have a few suggestions to optimize the paper: 1. You mentioned: In the myocardial enzyme spectrum test, the value of troponin I was 94.188 µg/L, the value of creatine kinase isoenzyme was 109.810 ug/L, the value of creatine kinase was 2078.00 IU/L, the value of myohemoglobin was 3717.750 ug/L and the value of B type natriuretic peptide was 206.650 pg/ml. Please, explain, is that myocardial infarction? Please provide ECG and if you have - CT angio or invasive angio. You have explain how MI was ruled out! If there is MI, it should be properly characterized. 2. Figure 1B: it looks like the brain was not comprehensively described. Which lesions exactly do we see there? Please explain how normal is that brain scan!

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**Peer-review model:** Single blind

**Reviewer's code:** 06116605

**Position:** Editorial Board

**Academic degree:** MBBS, MD

**Professional title:** Professor

**Reviewer's Country/Territory:** India

**Author's Country/Territory:** China

**Manuscript submission date:** 2022-06-02

**Reviewer chosen by:** Dong-Mei Wang

**Reviewer accepted review:** 2022-08-12 12:16

**Reviewer performed review:** 2022-08-12 17:47

**Review time:** 5 Hours

<b>Scientific quality</b>	<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
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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

#### **SPECIFIC COMMENTS TO AUTHORS**

The case report is good, and adds meaningfully to literature. However, much refinements need to be done, including English refinements. There is no mention of 'ACUTE AORTIC SYNDROMES', of which Aortic dissection is an entity.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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**Position:** Editorial Board

**Academic degree:** FACC, FESC, MD

**Professional title:** Academic Research, Assistant Professor, Doctor

**Reviewer's Country/Territory:** Netherlands

**Author's Country/Territory:** China

**Manuscript submission date:** 2022-06-02

**Reviewer chosen by:** Ji-Hong Liu

**Reviewer accepted review:** 2022-08-31 11:44

**Reviewer performed review:** 2022-08-31 11:52

**Review time:** 1 Hour

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Peer-reviewer statements</b>	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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#### **SPECIFIC COMMENTS TO AUTHORS**

Dear authors, Thank you for your substantial efforts to improve the paper. I have a few suggestions though. 1) Please, elaborate your discussion on the option of the potential mechanisms how AoD and seizures might be related. This is clear that there are a few potential mechanisms. Please discuss them all. 2) Regarding elevated cardiotropic enzymes, there is a MI type 2 phenomenon for such cases. You technically recognize the fact of acute myocardial injury most probably without ischemia. You must elaborate on it!



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**Reviewer's Country/Territory:** India

**Author's Country/Territory:** China

**Manuscript submission date:** 2022-06-02

**Reviewer chosen by:** Ji-Hong Liu

**Reviewer accepted review:** 2022-09-01 03:12

**Reviewer performed review:** 2022-09-01 04:18

**Review time:** 1 Hour

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input checked="" type="checkbox"/> Grade E: Do not publish
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<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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#### **SPECIFIC COMMENTS TO AUTHORS**

Pertinent professional points given in the Reviewer's Comments' not addressed to.