

PEER-REVIEW REPORT

Name of journal: *World Journal of Cardiology*

Manuscript NO: 79871

Title: Takotsubo cardiomyopathy following envenomation: An updated review

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05338743

Position: Peer Reviewer

Academic degree: Doctor, PhD

Professional title: Doctor, Professor

Reviewer's Country/Territory: China

Author's Country/Territory: United States

Manuscript submission date: 2022-09-11

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-10-17 09:22

Reviewer performed review: 2022-10-20 01:09

Review time: 2 Days and 15 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 Grade E: Do not publish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 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	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

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

SPECIFIC COMMENTS TO AUTHORS

This review summarized the various mechanisms, clinical features, management, and outcome following envenomation's precipitating Takotusbo cardiomyopathy(TTC). The manuscript provides another unique perspective on TTC, which is helpful for clinical treatment. The minor comments are: i) provide the full names when acronyms first appear in the text, such as TCM, ECMO. ii) Please introduce the key components of venom that could lead to TTC from different species, if possible. iii)Please improve the readability of diagrams.

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Peer-review model: Single blind

Reviewer's code: 02446694

Position: Editorial Board

Academic degree: FACC, FACP, FAHA, FESC, MD, PhD

Professional title: Director

Reviewer's Country/Territory: Japan

Author's Country/Territory: United States

Manuscript submission date: 2022-09-11

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-10-23 11:11

Reviewer performed review: 2022-10-31 21:35

Review time: 8 Days and 10 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" 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 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	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous

statementsConflicts-of-Interest: [] Yes [**Y**] No**SPECIFIC COMMENTS TO AUTHORS**

#1 All possible stressors can cause Takotsubo cardiomyopathy (TTC), including addiction, which is also a natural cause of TTC and not uncommon. There is nothing new about the clinical features and treatment of TTC after it has occurred, and it is unlikely to be of much interest to the reader. #2 You mention poisoning and animal bites, but in fact you describe bites caused by insects and other organisms. It seems that a more detailed description of how it was investigated should be provided. #3 Is this all case reports as listed in Table 1? Are there any characteristics in terms of gender, age, etc.? Also, the authors should add a reference to each report. #4 Line 105-106, it is stated that it is more common in males in Japan, but there is no mention of the source. This seems incorrect, since it is definitely more common among elderly women in Japan.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Professional title: Director

Reviewer's Country/Territory: Japan

Author's Country/Territory: United States

Manuscript submission date: 2022-09-11

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2022-11-16 20:38

Reviewer performed review: 2022-11-16 20:46

Review time: 1 Hour

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 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 statements	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

The authors revised their manuscript based on each reviewer's comments appropriately.