

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 57350

Title: Risk Factors Analysis of Prognosis of Adult Acute Severe Myocarditis

Reviewer's code: 05315595

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor, Statistician

Reviewer's Country/Territory: United States

Author's Country/Territory: China

Manuscript submission date: 2020-06-04

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-06-07 03:11

Reviewer performed review: 2020-06-10 02:38

Review time: 2 Days and 23 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 Grade E: Do not publish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 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
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

Comments: 1. This study investigated the risk factors of adult ASM patients' in-hospital mortality. The authors found that elevated SCr, cTnI and BNP are independent predictors for poor prognosis in patients with ASM. The clinical implication should be further discussed in the discussion session. How should clinician use this information to guide their daily practice? 2. The authors mentioned previously discovered risk factors and commented that ventricular block may be related to patients' death in the discussion. Do the authors also include them in their regression analysis? 3. Language should be clear and precise: 1) Line 73: "acute non-severe myocarditis (ANSM)"-ANSM was not mentioned for the first time here. 2) Line 75: age 18-75: any specific reason to choose 75 as the cut off? 3) Line 77 and 83: Conflicting information - congestive heart failure (inclusion criteria) and NYHA Class III-IV(exclusion criteria). 4) Line 83 and 159: The authors mentioned that previous study shown that NYHA Class III-IV indicated poor prognosis in discussion. Why did you exclude NYHA Class III-IV patients? 5) Line 81: age <18 or >75 -repeated information. 6) Line 89: Please describe your primary endpoint (in-hospital death). 7) Line 93-97,121-124, all tables: Please clarify "changes of ST-T segment of ECG", "prolongation of QRS duration", "Low LVEF", "Increased SCr", "Increased cTnI", "Increased BNP". (What are the definitions or cutoffs?) 8) Line 112: Please briefly describe the basic characteristics about your study population. 9) Table 1: Please include descriptive results about the whole ASM population and p-value. 10) Figure1: Repeated information. The results are clearer in table 1. There is no need to present them again in figure 1. 11) Table 3: Please include descriptive results about the whole study population and p-value. 12) Line 141-144: Please cite. 13) Line 166-169: Please cite.

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 57350

Title: Risk Factors Analysis of Prognosis of Adult Acute Severe Myocarditis

Reviewer's code: 03313206

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: China

Manuscript submission date: 2020-06-04

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2020-07-03 02:44

Reviewer performed review: 2020-07-13 05:43

Review time: 10 Days 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 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
Re-review	<input type="checkbox"/> Yes <input checked="" 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

In this study, Zhang et al. explored the risk factors affecting the short-term prognosis of adult acute severe myocarditis. By comparing the clinical symptoms, laboratory examination, treatment methods, complications and the relationship between the treatment results of the two groups (ASM vs ANSM), they found that elevated serum creatinine, sensitive troponin I and brain natriuretic peptide are independent predictors for poor prognosis in patients with acute severe myocarditis. The experiments were well controlled and in general support the conclusions of the study. Overall, this study is comparatively novel and may help to further improve our understanding of the risk factors affecting ASM.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 57350

Title: Risk Factors Analysis of Prognosis of Adult Acute Severe Myocarditis

Reviewer's code: 05315595

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor, Statistician

Reviewer's Country/Territory: United States

Author's Country/Territory: China

Manuscript submission date: 2020-06-04

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2020-08-04 23:48

Reviewer performed review: 2020-08-06 03:06

Review time: 1 Day and 3 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 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

SPECIFIC COMMENTS TO AUTHORS

The revised version is acceptable for publication.