Author’s response to reviews

Title: Takotsubo cardiomyopathy in a patient with ileus: A case report

Authors:

Chen-Yu Guo (conradg0712@gmail.com)
Nan-Sung Chou (nansongchou23@gmail.com)

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Author’s response to reviews:

Response to Reviewers’ Comments

Reviewer 1

Comment 1): In abstract, 2nd para, 2nd and 3rd lines, the sentence "His abdomen is markedly distended" should be replaced with: "His abdomen was markedly distended"

Response: As suggested by the Reviewer, we change the word “is” to “was” in the revised manuscript.

Comment 2): In abstract, 3rd para, 3rd line, the term "in responding to a stress" should be replaced with: "in response to a stress"

Response: As suggested by the Reviewer, we change the word “responding” to “response” in the revised manuscript.

Comment 3) In page 4, 2nd para, 9th line, the sentence "diffuse J-point elevation in the anterior leads" should be replaced with: "diffuse ST elevation in the anterior leads"

Response: In response to the Reviewer’s comment, we change the term “J-point” to “ST-segment” in both Abstract and main text of the revised manuscript.

Comment 4) In page 5, 1st para, 4th line, the sentence "His abdomen is markedly distended" should be replaced with: "His abdomen was markedly distended"
Response: As suggested by the Reviewer, we change the word “is” to “was” in the revised manuscript.

Comment 5) In page 5, 2nd para, 9th line, what the authors mean with the term "atherosclerotic change"? Do they mean "which failed to show any significant stenosis in any coronary distribution"?

Response: In response to the Reviewer’s comment, we change the term “atherosclerotic change” to “obstruction” in the revised manuscript.

Comment 6) In page 6, the last paragraph of the discussion, the authors should discuss the possibility that TCM was not the result but the cause of paralytic ileus in the above patient; it is known that acute reduction of cardiac output (e.g., due to foregoing TCM in the above case), especially in the elderly, can deteriorate the motion of an already dysfunctioned bowel, known as "acute intestinal pseudo-obstruction" or "Ogilvie’s syndrome" due to parasympathetic deprivation combined with high sympathetic tones in these cases.

Response: We agree with the Reviewer’s comment that acute reduction of cardiac output due to foregoing TCM can deteriorate the motion of an already dysfunctioned bowel in the elderly and in turn lead to acute intestinal pseudo-obstruction that may cause ileus. However, the initial presentation of this patient was ileus, and the typical symptoms of TMC such as chest discomfort were developed after admission to the hospital. In addition, he did not have history of obvious bowel dysfunction before this episode. As suggested by the Reviewer’s comment, we added “It is possible that acute reduction of cardiac output due to foregoing TCM deteriorates the bowel movement, which in turn leads to ileus. However, the initial presentation of this patient was ileus, and the typical symptoms of TMC such as chest discomfort were developed after admission to the hospital. In addition, he did not have history of obvious bowel dysfunction before this episode. Therefore, we believe ileus was more likely to be the cause instead of the consequence of TCM in this case.” to the Discussion of the revised manuscript.

Comment 7) It would be interesting should the authors provide us with some views from coronary arteriography.

Response: As suggested by the Reviewer, we added images from the coronary angiography as the new Fig. 4.

Reviewer 2
Comment 1. In the abstract change "is markedly" to "was markedly"
Response: As suggested by the Reviewer, we change the word “is” to “was” in the revised manuscript.

Comment 2. In the abstract session change "a stress" to "stress"
Response: As suggested by the Reviewer, we omit the word “a” in the revised manuscript.

Comment 3. In the background session line 22 "is rarely reported "is "has not been reported"
Response: In response to the Reviewer’s comment, we change the statement to “However, to our knowledge, its occurrence in ileus patients has not been reported.” in the revised manuscript.

Comment 4. In line case presentation line 8 change "is markedly" to "was markedly"
Response: As suggested by the Reviewer, we change the word “is” to “was” in the revised manuscript.

Comment 5. Also in page 6 line 44 "while a" is "while a single"
Response: As suggested by the Reviewer, we add the word “single” to the revised manuscript.

Comment 6. In figure legend 3 delete "normal coronary arteries and" because you do not a present the coronary angiography.
Response: As suggested by Reviewer 1, we added images from the coronary angiography as the new Fig. 4. The legend of the original Fig. 3 was changed accordingly.