

Dear reviews,

Responses to review #1.

Thank you for your feedback about this paper. We actually reached out to Dr. JE Madias, the author of the paper titled “‘bronchogenic stress cardiomyopathy’, a Subset of Takotsubo Syndrome” about a year ago. He provided some great insight in regard to our case report. We have edited the manuscript to define all abbreviations in the correct place. The patient’s smoking history and renal function is pertinent information and thus was added to the manuscript. The unit of measure of troponin were also added. The grammatical errors were also addressed. Please see the revised version.

Response to review #2.

Thank you for your feedback on this paper. It has conventionally been believed that ECG changes cannot differentiate between acute coronary syndrome and takotsubo cardiomyopathy, however there has been a lot of new research into the matter including a small sample clinical trial that has strongly suggested the existence of distinguishable early ECG changes (J Am Heart Assoc. 2016;5: e003418 doi: 10.1161/JAHA.116.003418). There was also a recent multicenter study published in January 2019 proposing specific ECG changes of TCM. (biomolecules. 2019 Jan 30;9(2). Pii: E51. Doi:10.3390/biom9020051.) The manuscript has been revised to reflect both perspectives. Other papers have also suggested the existence of the unique ECG findings:

1. Circ J. 2003;67:687–690. PMID:12890911.
2. J Am Coll Cardiol. 2010;55:2514–2516. PMID 20510222. DOI: 10.1016/J.jacc.2009.12.059
3. Heart Vessels. 2009;24:124–130. PMID:19337796. Doi 10.1007/s00380-008-1099-9
4. Am J Cardiol. 2011;108:630–633. PMID 21676371. Doi 10.1016/J.amjcard.2011.04.006
5. J Electrocardiol. 2015;48:79–85. PMID: 25465858. Doi 10.1016/j.jelectricocard.2014.11.001
6. Int J Cardiol. 2015;199:132–140. PMID: 21688834. Doi 10.1016/j.ijcard.2015.07.046

It is of course imperative for all clinicians to definitively rule out acute coronary syndrome when in question, these novel observed ECK changes can however be used to guide clinical judgement. The colloquial term “Cardio-prudent” has been removed from the revised version.

Thank you,
Maria Khan