Reviewer’s report

Title: A case report of ventricular dysfunction post pericardiocentesis: Stress Cardiomyopathy or Pericardial Decompression Syndrome?

Version: 1 Date: 31 May 2015

Reviewer: Albert Varga

Reviewer’s report:

This is a case report about transient biventricular dysfunction following a therapeutic pericardiocentesis, representing classic features of stress cardiomyopathy (SCM). The Authors reviewed the literature and concluded that a SCM might happen in susceptible patients after a pericardiocentesis and can be distinguished from a pericardial decompression syndrome (PDS). They speculated that even some cases referred in the literature as PDS could be attributed to SCM. The case is well documented, that quality of the video samples is very good.

I have only minor comments to the Authors:

- Please, provide a follow-up ECG. The disappearance of the electrical alternans is obvious on the second ECG, but the other changes are less clear. A follow-up ECG would be useful for the enhancement of the differences.
- The heart rate showed on the second ECG seems to be less than 110 beats/min as was reported in the text.
- It was very interesting that there were only small changes on the ECG despite the biventricular involvement of the disease. Any explanation?
- Please, shorten the conclusion part of the discussion section.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Declaration of competing interests:

I declare that I have no competing interests