Reviewer’s report

Title: Left ventricular thrombus in a patient with cutaneous T-cell lymphoma, hypereosinophilia and Mycoplasma pneumoniae infection - a challenging diagnosis: a case report

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Reviewer: Robert J Siegel

Reviewer’s report:

This is a very interesting and challenging case.

1) The case report and commentary are too long - they should both be more concise and focused.

2) The LV apical hypokinesis described was very unlikely to be due to the CLOT. If there was normal wall motion 1) a clot would be unlikely to form 2) The force of LV contraction is unlikely to be impaired by clot - it is more likely that the patient had an apical wall motion due to a stress cardiomyopathy - this concept is supported by the fact the the segmental wall motion resolved.

3) On generally wants to avoid taking patients with apical thrombi to the for removal. The standard treatment would be intravenous heparin. Were there any clues in retrospect that the mass was a clot and not a tumor? These clues could serve as good teaching points to aid the reader from avoiding the pitfalls in this case that led to surgical intervention. Differentiation of tumor & clot should be feasible by MRI and PET scanning - this should be discussed.

This was a difficult case and raises issues that the clinician can learn from - the authors should highlight how the thrombus diagnosis could have been made absent surgical intervention.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Declaration of competing interests:

I declare that I have no competing interests.