

Letter to the Editor



The Long Journey of Cardiac Lymphoma Follow-up

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Conflict of Interest

The authors have no financial conflicts of interest.

Author Contributions

Conceptualization: Lee JC, Huang YTT, Huang YT, Chong JW, Chik WW; Data curation: Lee JC, Huang YTT, Chong JW; Formal analysis: Lee JC, Huang YTT, Chong JW, Chik WW;

► See the article “A Long Journey to the Truth: Primary Cardiac Lymphoma with Various Arrhythmias from Ventricular Tachycardia to Atrial Flutter” in volume 50 on page 374.

We are very thankful to Kim et al for their work.¹⁾ For the patient, the journey to survival was a long one. As the authors say—and is also our experience—it is a rare condition. It can certainly have a wide variety of confounding presentations such as chest pain²⁾ and atrioventricular block.³⁾ We have invariably found it devastating for the patients and a huge challenge for, firstly, establishing the diagnosis and, secondly, ensuring appropriate follow-up. For establishing diagnosis, a multimodality approach—as undertaken in this case—is invariably helpful.⁴⁾

For follow-up purposes, we have previously found fluorodeoxyglucose (FDG)-positron emission tomography (PET) more consistently helpful to differentiate functioning and viable tumour, especially when anatomical imaging modalities such as magnetic resonance imaging and transthoracic echocardiogram show residual tissue abnormality but it is unclear if that tumour is active.⁵⁾ In this regard, we were surprised that the follow-up imaging showed near-normalisation on transthoracic echocardiography but not on FDG-PET. What do the authors postulate to explain this outcome, which we—and other readers, we are sure—would find surprising?

REFERENCES

1. Kim S, Kim YR, Choi Y, Kim SH, Oh YS. A long journey to the truth: primary cardiac lymphoma with various arrhythmias from ventricular tachycardia to atrial flutter. *Korean Circ J* 2020;50:374-8. [PUBMED](#) | [CROSSREF](#)
2. Cho SW, Kim BK, Hwang JT, et al. A case of primary cardiac lymphoma mimicking acute coronary and aortic syndrome. *Korean Circ J* 2012;42:776-80. [PUBMED](#) | [CROSSREF](#)
3. Cho SW, Kang YJ, Kim TH, et al. Primary cardiac lymphoma presenting with atrioventricular block. *Korean Circ J* 2010;40:94-8. [PUBMED](#) | [CROSSREF](#)
4. Mato AR, Morgans AK, Roulet MR, et al. Primary cardiac lymphoma: utility of multimodality imaging in diagnosis and management. *Cancer Biol Ther* 2007;6:1867-70. [PUBMED](#) | [CROSSREF](#)

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5. Lee JC, Platts DG, Huang YT, Slaughter RE. Positron emission tomography combined with computed tomography as an integral component in evaluation of primary cardiac lymphoma. *Clin Cardiol* 2010;33:E106-8.

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