

Left Ventricular Hydatid Cyst

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A 38-year-old female patient was admitted to the hospital unit for appendectomy. On the first postoperative day, she presented progressive tachypnea, diffuse crackles in the lungs and hypotension. Chest X-ray showing acute lung edema. Due to the absence of etiological factors confirming the reason for the complication, transthoracic echocardiogram was requested, which revealed cystic image with internal contents adhered to the left ventricular endocardium measuring 5.0 cm x 3.5 cm (Figures 1 and 2). Because of the echocardiographic

finding and because other diagnostic possibilities were ruled out, serology for echinococcus granulosus was requested, confirming the presence of cardiac hydatidosis (Figure 3).

Authors' contributions

Data acquisition: Andrade PYS; Manuscript drafting: Caracas DRS; Critical revision of the manuscript as for important intellectual content: Moreira MCS.

Potential Conflicts of Interest

There are no relevant conflicts of interest.

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Academic Association

This study is not associated with any graduate program.

Keywords

Echinococcosis; Serology; Echocardiography; Endocardium; Ventricular Dysfunction Left.

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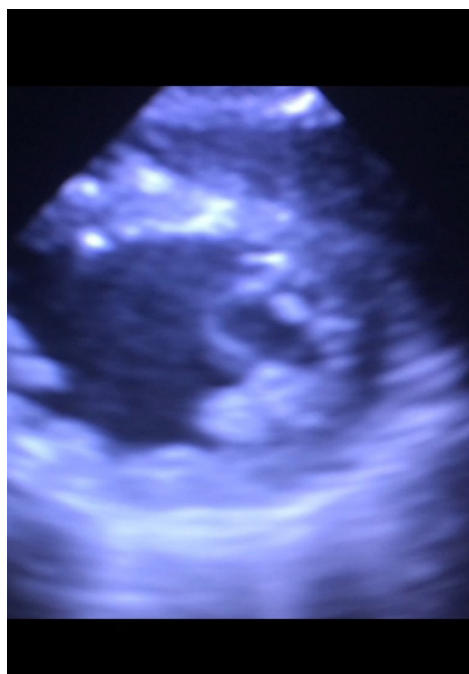


Figure 1 – Echocardiography of the left ventricle on the short axis.

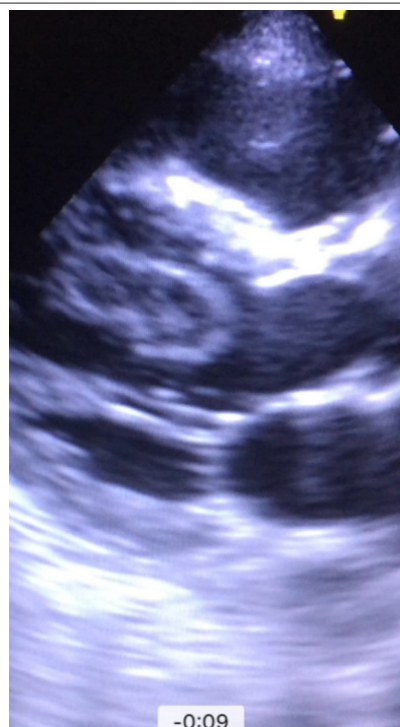


Figure 2 – Echocardiography of the parasternal longitudinal left ventricle.

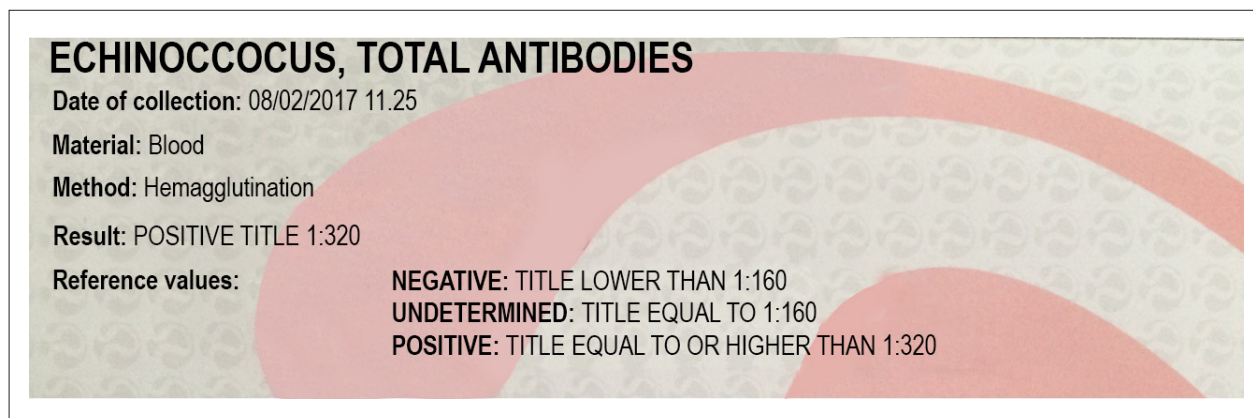


Figure 3 – Hemagglutination test for echinococcus.