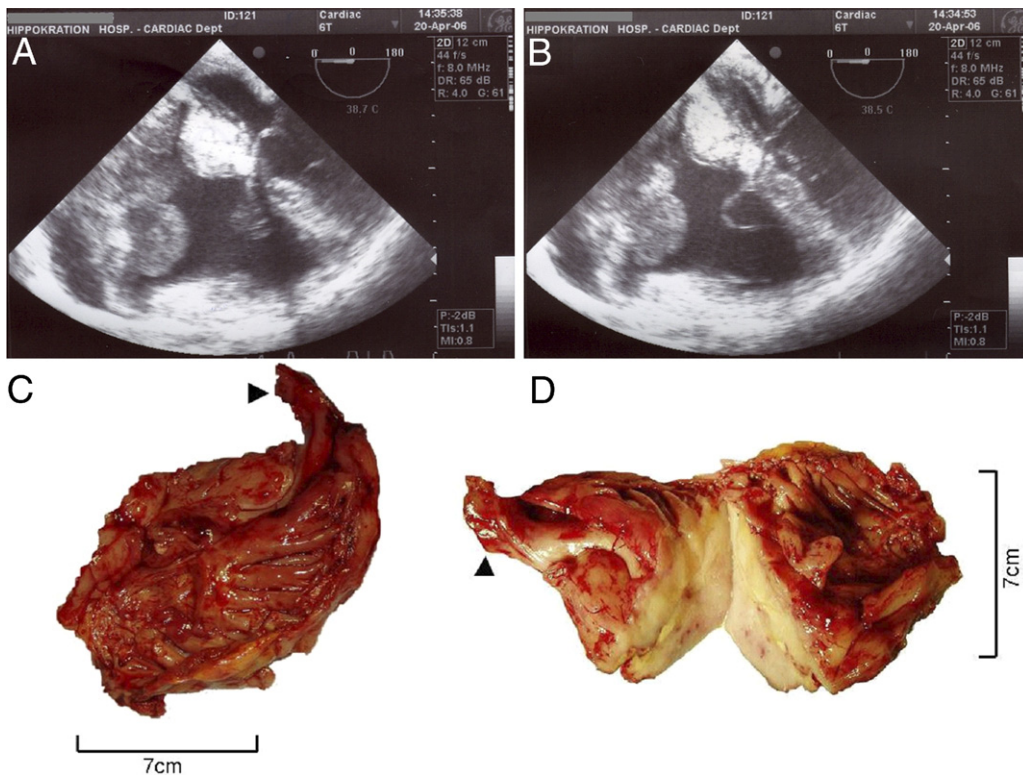


IMAGES IN CARDIOLOGY

A Rare Case of Primary Cardiac Lymphoma Presented as Superior Vena Cava Syndrome

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A 45-year-old man was admitted to the hospital with dyspnea. Electrocardiogram and chest X-ray were normal; transthoracic echocardiography was not elucidative. The patient developed hemodynamic instability, with a typical brawny edema at the face and neck. Transesophageal echocardiography revealed a large mass in the right atrium (**A and B**, [Online Video 1](#)), which caused a superior vena caval syndrome requiring surgery. The anatomical borders and perfusion of the mass were evaluated by infusing contrast agent (SonoVue, Bracco International, Amsterdam, the Netherlands) ([Online Video 1](#)). During the operation, a large tumor of the right atrium with mediastinal infiltration was found, extending in both caval veins (**arrowheads, C and D**). The tumor was finally removed from the right atrium (proximally 15 cm in length), and histological examination revealed a primary cardiac B-cell lymphoma. This is an extremely rare (1) heart tumor, which may be difficult to diagnose because of nonspecific clinical manifestations.

REFERENCE

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