

[ PICTURES IN CLINICAL MEDICINE ]

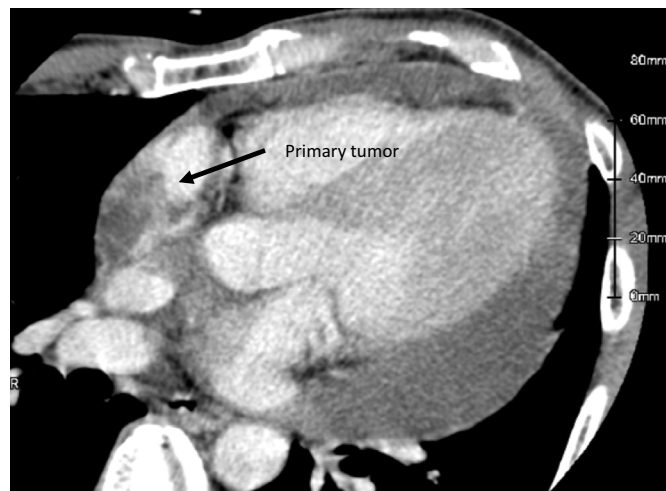
## A Cavity Communicating with the Right Atrium

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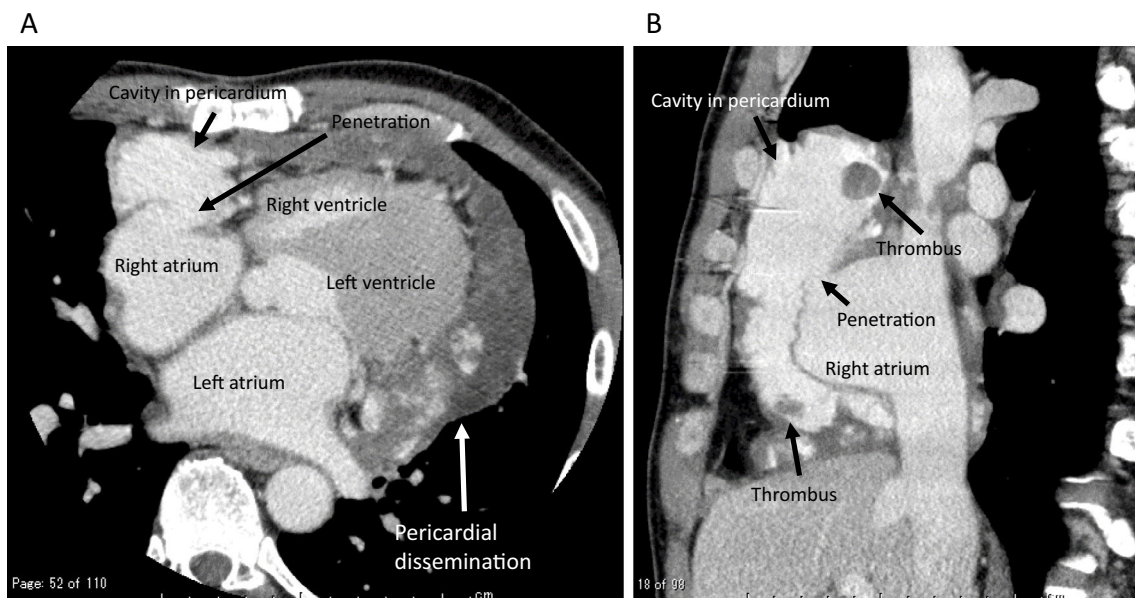
**Key words:** angiosarcoma, cardiac rupture, thrombus, chemotherapy, cardio-oncology

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**Picture 1.**

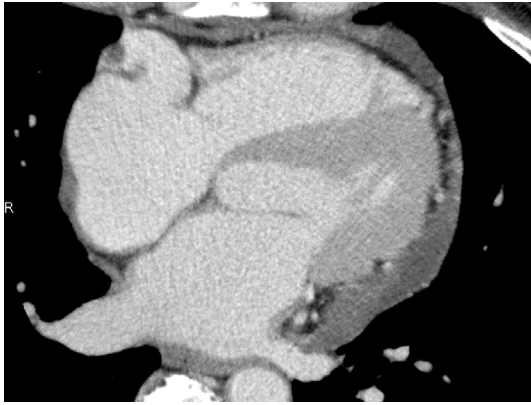


**Picture 2.**

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**Picture 3.**

A 42-year-old man presented with cardiac tamponade. Cardiac angiosarcoma originating in the right atrium was diagnosed (Picture 1). The right atrial primary tumor was resected; however, local metastases, pericardial dissemination, and pulmonary artery metastasis were observed. We recom-

mended chemotherapy; however, 3 months passed before he decided to undergo treatment. Computed tomography performed during the third month after resection showed an exacerbation of pericardial dissemination and multiple lung metastases. In the pericardial space on the anterior wall side of the heart, a cavity associated with tumor progression had formed, and the right atrium communicated with the cavity. Thrombus formed as a result of the decreased blood flow in the cavity (Picture 2). He had no chest symptoms, and his New York Heart Association classification score for cardiac performance was 1. He underwent chemotherapy with paclitaxel and had no cardiac adverse events after three cycles of paclitaxel (Picture 3).

**The authors state that they have no Conflict of Interest (COI).**

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