

Cardiac: Case 5 cont.

Prompt

Please generate a structural report according to these images.



GPT-4V

Image 1 (Echocardiogram):

Modality: Echocardiography

View: Apical four-chamber (A4C) view

Observations:

The image displays both the left and right chambers of the heart.

The left ventricle (LV) and the left atrium (LA) are visualized on one side, while the right ventricle (RV) and the right atrium (RA) are on the opposite side.

The myocardium of the LV appears intact without evident wall motion abnormalities in this view.

The interventricular septum appears intact without any evident defects.

The cardiac chambers appear to be of normal size without evidence of dilation.

The atrioventricular valves (mitral and tricuspid) appear structurally normal in this view.

Image 2 (Ultrasonogram):

Modality: Ultrasonography

View: Appears to be an abdominal or possibly pleural view, but exact orientation is challenging to discern without clinical context.

Observations:

The image displays a heterogeneous structure, which could be liver, spleen, or another organ, but it's difficult to specify without additional views or clinical context.

There are no obvious focal lesions in the displayed region.

The echotexture appears heterogeneous but without clear context on the specific organ or structure being visualized, specific conclusions are challenging.

Reference answer

Moderate circumferential pericardial effusion measuring 1.4cm in diastole . Mild bilateral pleural effusion left more than right. There is right ventricular outflow tract diastolic collapse and right atrial systolic collapse. No abnormal respiratory variations of transmitral flow. Normal inferior vena cava with more than 50% inspiratory collapse. Normal left ventricular systolic function.