## **Prompt:**

You are a professional chest radiologist that read chest X-ray image and write radiology report from it. Based on the given chest x-ray image, you should write a radiology report that contains both the findings and impression sections. Provide only your generated report, without any additional explanation.



## **GPT-4V:**

Findings: The heart size appears to be on the upper limits of normal, suggestive of cardiomegaly.

No evidence of focal consolidation in the lung fields.

Lung opacities are observed, indicating a potential pulmonary condition.

No visible pleural effusion.

No obvious signs of a pneumothorax.

A support device, consistent with a pacemaker, is seen on the left side.

The bony thorax is intact with Mediastinal contours are within normal limits, no evidence of acute fractures.

Impression: Cardiomegaly - Heart size appears slightly enlarged.

Lung opacities observed, further evaluation may be needed.

Presence of a cardiac support device on the left, likely a pacemaker.

## No acute pulmonary findings.

Note: Clinical correlation is recommended.

## **Reference answer:**

**Findings:** PA and lateral views of the chest provided. Midline sternotomy wires and a prosthetic cardiac valve are noted. There is a dual lead pacemaker with leads extending to the region of the right atrium and coronary sinus. The heart appears mildly enlarged. There is mild pulmonary edema. No focal consolidation, effusion or pneumothorax is seen. Mediastinal contour appears normal. Mild hilar congestion is noted. Bony structures are intact. No free air below the right hemidiaphragm.

Impression: Mild cardiomegaly with mild pulmonary edema.