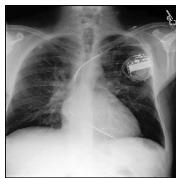




Single image



Current image
(Main)



Past image
(Reference)

(a) Single Image MVQA

Q: Where in the image is the *lung opacity* located?

A1: The left lung base.

Q2: Is there *lung opacity* in the *right apical* region?

A2: No.

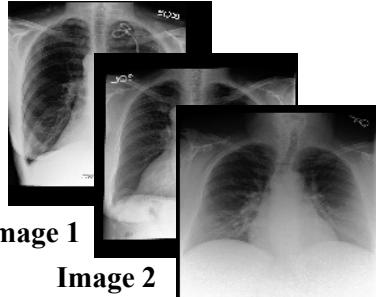


Image 3

(b) Difference-aware MVQA

Q: What changes can you identify between Image 1, Image 2 and Image 3?

A: Image 1 presents a *tiny right apical pneumothorax*, *endobronchial valves*, and *minimal pleural effusions*. Image 2 shows *linear atelectasis* in the *right middle lobe* but no pneumothorax or effusions. Compared to Image 1 and 2, Image 3 indicates *opacity* over the *right lower lobe* with clear lungs.

(c) Multiple Images MVQA