



Single image

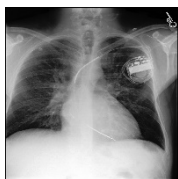
**Q1:** Where in the image is the *lung opacity* located?

**A1:** The left lung base.

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

**A2:** No.

## (a) Single Image MVQA



Current image  
(Main)

Past image  
(Reference)

**Q:** What has changed between the main image and the reference image?

**A:** The main image has additional findings of *pneumonia*, and *consolidation* than the reference image. The main image is missing the findings of *pleural effusion*, *edema*, *hilar congestion*, and *vascular congestion* than the reference image.

## (b) Difference-aware MVQA



Image 1

Image 2

Image 3

**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