

Question:

Where is the atelectasis located as seen on the chest X-ray? Options:

- A. Left upper lobe
- B. Right upper lobe
- C. Right base
- D. Left base

Please reason step by step, and put your final answer within `\boxed{}`.

Reasoning:

The chest X-ray reveals reduced air trapping in the right lower lung region, characterized by diminished expansion of the alveolar spaces. This finding aligns with localized collapse (atelectasis) observed in the dependent portion of the right hemithorax, directly corresponding to the anatomical description of the "right base" in the image. The left side appears symmetrically clear without similar changes, confirming the localization to the right.



Answer:

`\boxed{C}`