

a

Question:

Please locate the following phrase: moderate right pneumothorax

Output format:

<|ref|>target name</ref|><|box|>(x1,y1),(x2,y2)</box|>

Example: <|ref|>pneumothorax</ref|><|box|>(12,60),(18,87)</box|>

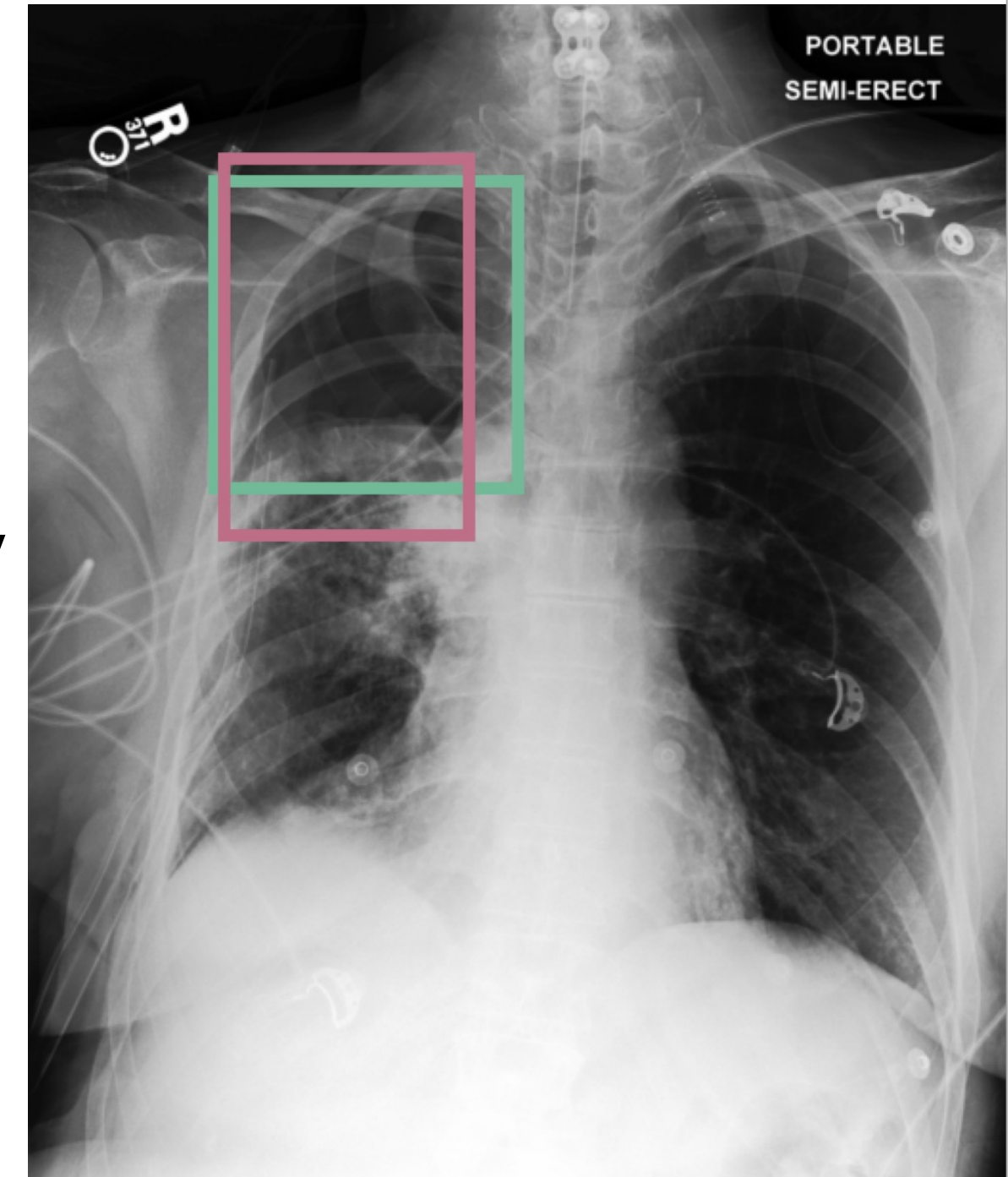
Please reason step by step, and put your final answer within \boxed{ }.

Reasoning:

The chest X-ray reveals a visible air collection (pneumothorax) in the right thoracic cavity, characterized by the absence of lung markings and partial collapse of the right lung field. This finding is observed in the context of the current clinical state, such as the presence of a chest tube. The identified moderate right pneumothorax is localized within the upper and middle portions of the right hemithorax, as indicated by the visualized pleural line.

Answer:

\boxed{
<|ref|>moderate right pneumothorax</ref|><|box|>(20,13),(45,45)</box|>
}



b

Question:

Detect aortic enlargement in the given image.

Output format:

<|ref|>target name</ref|><|box|>(x1,y1),(x2,y2)</box|>

Example: <|ref|>pneumothorax</ref|><|box|>(12,60),(18,87)</box|>

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

Reasoning:

The chest X-ray reveals a prominent outward contour and an increased diameter of the aortic knob at the level of the superior mediastinum. This finding is characterized by the lateral protrusion of the aortic arch beyond the expected paratracheal line. The enlargement is localized to the central vascular structures within the upper mediastinum, without signs of acute displacement or associated complications.

Answer:

\boxed{
<|ref|>aortic enlargement</ref|><|box|>(48,13),(65,30)</box|>
}

