# Patient ID: 2417, Performed Date: 15/12/2019 11:38

## Raw Radiology Report Extracted

Visit Number: 8a17fdb7edf2102280d11106678e18d079ee04c00e8c0442083d0fee90e6c476

Masked\_PatientID: 2417

Order ID: fd1ee32f94dc3191435b60465b11782d40f3a193efac6877b7fd4ea2ea3f47dd

Order Name: Chest X-ray

Result Item Code: CHE-NOV

Performed Date Time: 15/12/2019 11:38

Line Num: 1

Text: HISTORY Intubated Previous small right effusion REPORT Prior radiograph of 13 Dec 2019 reviewed. Tip of endotracheal tube measures 6.5 cm from the carina. Tip of right central venous catheter projected at the distal SVC. Tip of feeding tube projected in the left upper quadrant. Diffuse airspace consolidation in both lungs with slight interval worsening in the upper zones. Bilateral pleural effusions are now smaller. Atelectatic changes at the right lung base. The heart size cannot be accurately assessed in this projection. Report Indicator: May need further action Finalised by: <DOCTOR>

Accession Number: 7655d7b5210ff71534fd36537437e39bff955d027afd82f6994e52183dac1cb7

Updated Date Time: 16/12/2019 9:21

## Layman Explanation

The images show that the patient has some fluid buildup in the lungs (effusions) on both sides, but it is less than before. There is also some collapsed lung tissue (atelectasis) at the bottom of the right lung. The heart size is difficult to assess from these images.

## Summary

The text is extracted from a \*\*chest x-ray\*\* report.  
  
\*\*1. Diseases mentioned:\*\*  
  
\* \*\*Airspace consolidation in both lungs\*\*: This indicates an area of the lung where the air spaces are filled with fluid or other substances, suggesting pneumonia or other lung infections. The report notes "slight interval worsening in the upper zones", indicating a possible worsening of the condition in the upper regions of the lungs.  
\* \*\*Atelectasis at the right lung base\*\*: This refers to the collapse or closure of a portion of the lung, which can be caused by a blockage in the airway or pressure on the lung.   
  
\*\*2. Organs mentioned:\*\*  
  
\* \*\*Lungs:\*\* Both lungs are mentioned, with the report detailing airspace consolidation and atelectasis in specific areas.  
\* \*\*Heart:\*\* The heart size cannot be accurately assessed due to the image projection.  
\* \*\*Trachea:\*\* The endotracheal tube tip is measured from the carina, which is the point where the trachea branches into the two main bronchi.  
\* \*\*Right central venous catheter:\*\* The report indicates the tip of the catheter is projected at the distal SVC (superior vena cava).  
\* \*\*Feeding tube:\*\* The feeding tube is projected in the left upper quadrant.  
  
\*\*3. Symptoms or phenomenon that would cause attention:\*\*  
  
\* \*\*Interval worsening of airspace consolidation\*\*: This suggests the lung infection is potentially getting worse, which warrants further attention.  
\* \*\*Bilateral pleural effusions:\*\* While smaller than previously, the presence of fluid in the pleural space (the space between the lungs and the chest wall) could indicate infection or other underlying issues.   
\* \*\*"Report Indicator: May need further action"\*\*: This indicates the radiologist believes further action, likely in the form of further investigation or treatment, may be required based on the findings of the x-ray.