# Patient ID: 2462, Performed Date: 20/8/2019 15:02

## Raw Radiology Report Extracted

Visit Number: fcaea11bd6d64a7f389e1661551e65585fa0753f17ee7fb81ae785525f3e8624

Masked\_PatientID: 2462

Order ID: 7042d4985b52b57c72fc87df5a9ec3671e0d7354744877a75ac6d09f83276c12

Order Name: Chest X-ray

Result Item Code: CHE-NOV

Performed Date Time: 20/8/2019 15:02

Line Num: 1

Text: HISTORY post right pleural drain REPORT Midline sternotomy wires and prosthetic valve in situ. The heart size cannot be accurately assessed. Patchy consolidation in the bilateral lungs shows slight improvement especially in the right lower zone. There is now a right hydropneumothorax with pneumothorax measuring 2.4 cm in the right apex. There is a small right pleural effusion, reduced from before. The left moderate pleural effusion is stable. Pleural thickening in the left apex stable. Report Indicator: Further action or early intervention required Finalised by: <DOCTOR>

Accession Number: 294f6e77b1cec7954e17a93a5e60182ee8011255c6f64732ae847f1a50816685

Updated Date Time: 21/8/2019 8:22

## Layman Explanation

The images show that the heart size cannot be clearly seen. There is some improvement in the lung condition, especially in the lower right lung. There is a small amount of air and fluid in the right side of the chest (right hydropneumothorax) with a larger air pocket at the top of the lung (pneumothorax). The fluid in the right chest has decreased slightly, but the fluid in the left chest remains the same. The thickened area at the top of the left lung hasn't changed.

## Summary

## Radiology Report Summary  
  
\*\*Image Type:\*\* Chest X-ray   
  
\*\*1. Diseases:\*\*  
  
\* \*\*NIL\*\* - No specific disease names are mentioned in the report.   
  
\*\*2. Organs:\*\*  
  
\* \*\*Heart:\*\* Midline sternotomy wires and a prosthetic valve are in place. Heart size cannot be accurately assessed due to the image.  
\* \*\*Lungs:\*\*   
 \* Patchy consolidation in both lungs, showing slight improvement, especially in the right lower zone.  
 \* Right hydropneumothorax with pneumothorax measuring 2.4 cm in the right apex.  
 \* Small right pleural effusion, reduced from before.   
 \* Left moderate pleural effusion, stable.  
 \* Pleural thickening in the left apex, stable.  
  
\*\*3. Symptoms/Phenomena of Concern:\*\*  
  
\* \*\*Right hydropneumothorax:\*\* This is a concerning finding, as it indicates the presence of both fluid (hydro) and air (pneumo) in the right pleural space. The pneumothorax measures 2.4 cm in the right apex, suggesting a moderate sized collapsed lung.  
\* \*\*Pleural effusion:\*\* Both a small right and a moderate left pleural effusion are present. The right effusion has reduced in size, while the left is stable.   
\* \*\*Pleural thickening:\*\* Thickening of the pleura in the left apex is stable. This suggests inflammation or scarring in the pleura.  
  
\*\*Overall:\*\* The report indicates improvement in lung consolidation, a reduction in the right pleural effusion, and stable left pleural effusion and thickening. However, the presence of a right hydropneumothorax with a pneumothorax measuring 2.4 cm in the apex raises concern and necessitates further action or early intervention.