# Patient ID: 1731, Performed Date: 23/7/2016 9:00

## Raw Radiology Report Extracted

Visit Number: 6f023d7db7d15d56ee9a20d72d7cac51f92d2f65f7a4f7780ab26f5e2d5a793c

Masked\_PatientID: 1731

Order ID: a8e2ac65a979279a5627f4dd2e666033bb0a139a3f8735604a8b85aad2da3f75

Order Name: Chest X-ray

Result Item Code: CHE-NOV

Performed Date Time: 23/7/2016 9:00

Line Num: 1

Text: HISTORY post valve surgery REPORT Pericardial drain in situ with prosthetic cardiac valves. Compared with the study of 22 July 2016 the patient has been extubated. Central line position is satisfactory. Increased areas of loculated effusion seen over the right lower zone with slightly larger left pleural effusion. Some areas of perihilar consolidation and streakiness indicating degree of cardiac decompensation, stable in appearance. Known / Minor Finalised by: <DOCTOR>

Accession Number: 6e457e0514620945191d3d35394396ecc8b358193bc4cb66bb399b5ee3f16154

Updated Date Time: 26/7/2016 9:48

## Layman Explanation

The report shows that the patient has a drain in place after heart valve surgery. The patient is no longer on a breathing machine. The central line (a tube used to give medicine or fluids) is in a good position. There are larger areas of fluid build-up around the lungs, especially on the right side. There are some areas of denser lung tissue suggesting the heart is not working as well, but this has not changed since the last report.

## Summary

## Analysis of Radiology Report:  
  
\*\*Image Type:\*\* Chest X-ray (based on the mention of "pericardial drain," "pleural effusion," "perihilar consolidation," and "streakiness")  
  
\*\*1. Disease(s):\*\*   
\* NIL - While the report mentions "cardiac decompensation," it does not specifically name a disease.   
  
\*\*2. Organ(s):\*\*  
\* \*\*Heart:\*\* The report mentions prosthetic cardiac valves, suggesting prior heart valve surgery.   
\* \*\*Lungs:\*\* The report mentions pleural effusion (fluid buildup around the lungs) in both the right and left lower lobes.   
\* \*\*Pericardium:\*\* The report mentions a pericardial drain (a tube inserted to drain fluid from around the heart) and "loculated effusion" (fluid buildup in pockets) over the right lower lung zone.   
  
\*\*3. Symptoms or Phenomena:\*\*  
\* \*\*Pleural Effusion:\*\* Increased fluid accumulation in the right lower zone and a slightly larger effusion in the left lung is noted.   
\* \*\*Cardiac Decompensation:\*\* The report mentions "areas of perihilar consolidation and streakiness" indicating a degree of cardiac decompensation. This suggests the heart is not functioning optimally.   
\* \*\*Stable Appearance:\*\* Despite the effusion and cardiac decompensation, the report notes that these findings are "stable in appearance." This implies that the condition has not worsened since the previous study on July 22, 2016.  
  
\*\*Overall:\*\* This report indicates a patient with a history of heart valve surgery and ongoing monitoring. The presence of pleural effusions and evidence of cardiac decompensation is concerning, however, the fact that these findings are stable suggests the patient's condition is not rapidly deteriorating.