# Patient ID: 1800, Performed Date: 25/4/2019 1:09

## Raw Radiology Report Extracted

Visit Number: ed98ea8c5ae904f627564b6cd18dfa300c9bdf3227ff52866c06266c95f9cfd5

Masked\_PatientID: 1800

Order ID: 6f816b08251b9ee99dc5f3b6627a5a99bb6b54463f1bdfcd623480adbb598e9c

Order Name: Chest X-ray

Result Item Code: CHE-NOV

Performed Date Time: 25/4/2019 1:09

Line Num: 1

Text: [ Post AVR. There is still pulmonary oedema. IA balloon tip – above upper end dTA. ECMO cannula (tip in low RA) is shown. May need further action Finalised by: <DOCTOR>

Accession Number: e639203fde37076cfb5562dfd0a08c9b63b0e8f525ab6e921e735459bf853764

Updated Date Time: 26/4/2019 7:07

## Layman Explanation

The patient had surgery on their heart valve recently. There is still fluid in their lungs. A balloon is placed in their artery, above the area where it branches off. A machine is helping their heart and lungs work. The doctor may need to take further steps.

## Summary

## Analysis of Radiology Report  
  
\*\*Image Type:\*\* Chest X-ray (This is inferred from the mention of pulmonary edema and ECMO cannula, which are typically visualized on chest X-rays.)   
  
\*\*1. Diseases:\*\*  
  
\* \*\*Pulmonary Edema:\*\* The report states "There is still pulmonary oedema." This indicates the presence of fluid in the lungs.   
  
\*\*2. Organs:\*\*  
  
\* \*\*Lungs:\*\* The report mentions "pulmonary edema" which directly refers to the lungs.   
\* \*\*Right Atrium (RA):\*\* The report states the ECMO cannula tip is in the "low RA", indicating the location of the cannula in the right atrium of the heart.  
\* \*\*Descending Thoracic Aorta (dTA):\*\* The report mentions the IA balloon tip being "above upper end dTA," indicating the position of the balloon in relation to the descending thoracic aorta.  
  
\*\*3. Symptoms or Phenomena:\*\*  
  
\* \*\*Post AVR:\*\* This indicates that the patient has recently undergone Aortic Valve Replacement (AVR) surgery. This is a significant event and might influence the interpretation of other findings.  
\* \*\*Pulmonary Edema:\*\* The presence of pulmonary edema is a significant concern as it can indicate heart failure, fluid overload, or other issues.   
\* \*\*ECMO Cannula:\*\* The mention of an ECMO cannula suggests the patient is on Extracorporeal Membrane Oxygenation (ECMO) support, implying a critical medical condition requiring external assistance for heart and/or lung function.  
\* \*\*IA Balloon Tip above Upper End dTA:\*\* This might relate to the placement of a balloon in the aorta for some procedure. Further information is needed to interpret this finding fully.   
\* \*\*May need further action:\*\* This indicates the presence of a potential need for further medical intervention based on the findings on the X-ray.   
  
\*\*Overall:\*\* The report suggests a post-operative patient who has undergone AVR surgery and is currently on ECMO support. The presence of pulmonary edema raises concerns about the patient's condition, and further action may be needed.