# Comparison Report for Patient ID: 1

## Document Paths

Report 1: C:/Users/User/OneDrive - National University of Singapore/Desktop/NUS/upip/Synapxe/multi-doc/gemini\_llm/pre\_processing/Processed Data\_attempt2/1/PatientID\_1\_08-7-2015 11-14.docx

Report 2: C:/Users/User/OneDrive - National University of Singapore/Desktop/NUS/upip/Synapxe/multi-doc/gemini\_llm/pre\_processing/Processed Data\_attempt2/1/PatientID\_1\_09-2-2015 15-50.docx

Report 3: C:/Users/User/OneDrive - National University of Singapore/Desktop/NUS/upip/Synapxe/multi-doc/gemini\_llm/pre\_processing/Processed Data\_attempt2/1/PatientID\_1\_10-2-2015 9-52.docx

## Comparison Results

### Section: Diseases

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| Category | Report 1 obtained on 2015-07-08 11:14 | Report 2 obtained on 2015-02-09 15:50 | Report 3 obtained on 2015-02-10 09:52 | Explanation |
| New Development | Atelectasis (Minor) | Atelectasis (Possible subsegmental), Consolidation |  | The 2015-02-09 report mentions "possible underlying subsegmental atelectasis" and "consolidation" in the left lung, indicating a possible progression or a new development compared to the previous report. |
| Difference | None | - |  | - |
| New Development |  | Atelectasis | NIL | The report from 2015-02-10 no longer mentions atelectasis, potentially indicating improvement or a change in interpretation. |
| New Development |  | Consolidation | Consolidation in right para cardiac region | While the 2015-02-09 report mentioned consolidation in the left lung, the 2015-02-10 report highlights a new area of consolidation in the right lung. |

### Section: Organs

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| Category | Report 1 obtained on 2015-07-08 11:14 | Report 2 obtained on 2015-02-09 15:50 | Report 3 obtained on 2015-02-10 09:52 | Explanation |
| New Development | - | Pleural effusion (left), Central venous line, Endotracheal tube, Feeding tube, Intercostal drain tube |  | The 2015-02-09 report mentions the presence of multiple tubes (central venous line, endotracheal tube, feeding tube, intercostal drain tube) indicating a surgical intervention that wasn't mentioned in the previous report. It also mentions a left pleural effusion, not present in the earlier report. |
| Difference | - | Median sternotomy wires, Vascular clips |  | The 2015-02-09 report mentions the presence of median sternotomy wires and vascular clips, which are associated with surgical procedures. This suggests a more detailed focus on surgical aspects compared to the previous report. |
| Difference |  | Heart size cannot be accurately assessed but appears prominent | Difficult to accurately assess size due to AP projection | The wording regarding the heart size assessment is slightly different, but both reports acknowledge difficulty in assessing the heart size due to the projection. |
| New Development |  | Right lung is unremarkable | Patch of consolidation in right para cardiac region | The 2015-02-10 report identifies a new finding in the right lung, indicating a potential change in the patient's condition. |
| New Development |  | NIL | CVP line tip projected over distal innominate/proximal superior vena cava | The 2015-02-10 report provides specific information about the placement of the central venous catheter (CVP) line, which was not mentioned before. |
| New Development |  | NIL | Left chest tube tip projected over left mid zone | The 2015-02-10 report mentions the placement of the left chest tube, which was not discussed in the 2015-02-09 report. |

### Section: Symptoms

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| Category | Report 1 obtained on 2015-07-08 11:14 | Report 2 obtained on 2015-02-09 15:50 | Report 3 obtained on 2015-02-10 09:52 | Explanation |
| New Development | - | Possible underlying subsegmental atelectasis and consolidation, Left pleural effusion |  | The 2015-02-09 report mentions a possible underlying subsegmental atelectasis and consolidation in the left lung, and a left pleural effusion, which were not present in the earlier report. This indicates a new development or progression of a condition. |
| Difference | Post-sternotomy status | Heart size cannot be accurately assessed |  | While both reports mention post-sternotomy status, the 2015-02-09 report mentions difficulty in assessing the heart size, which may indicate a change in patient positioning or technique. |
| Difference | Mildly enlarged heart | Prominent heart |  | The 2015-02-09 report states the heart "appears prominent" which might be a different way of expressing "mildly enlarged" from the earlier report, possibly due to a difference in reporting style or interpretation. |
| Difference |  | Small left pleural effusion noted | Small left basal effusion present | The phrasing regarding the left pleural effusion is slightly different, but both reports indicate the presence of fluid in the left pleural space. |
| New Development |  | Possible subsegmental atelectasis and consolidation | Interval increase in patchy air space shadowing in the left lung base | While the 2015-02-09 report mentioned potential atelectasis and consolidation in the left lung, the 2015-02-10 report highlights an increase in patchy shadowing, suggesting worsening of the condition. |
| New Development |  | NIL | Patch of consolidation in the right para cardiac region | This finding, not present in the 2015-02-09 report, indicates a new area of inflammation or fluid buildup in the right lung, potentially requiring further investigation. |