# Comparison Report for Patient ID: 1

## Document Paths

Old Report: 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

New Report: 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

Latest Report: 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 Mentioned

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| --- | --- | --- | --- | --- |
| Category | Old Report Content | New Report Content | Latest Report Content | Explanation |
| New Development | Minor atelectasis in right lower zone and left paracardiac region | Possible underlying subsegmental atelectasis and consolidation in left lung | NIL | The new and latest reports mention new potential diagnoses of atelectasis and consolidation in the left lung, not found in the old report. |
| New Development |  |  |  | The latest report does not mention any specific disease diagnoses, focusing instead on the progression of findings. |
| Difference | Atelectasis described as "minor" | Atelectasis described as "possible underlying subsegmental" |  | The level of certainty about the atelectasis changed from minor to possible underlying subsegmental, indicating a shift in the interpretation of the findings. |

### Section: Organs Mentioned

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| Category | Old Report Content | New Report Content | Latest Report Content | Explanation |
| New Development |  |  | Right para cardiac region (lung) | The latest report includes a new area of the right lung as a focus of concern, not mentioned in the old or new reports. |
| Difference | Heart appears mildly enlarged | Heart size cannot be accurately assessed but appears prominent | Difficult to accurately assess size due to AP projection | The description of the heart size varies between the reports, likely due to different image quality or projection used. |
| Difference |  | Left Intercostal drain tube is in situ and projected in satisfactory position | Left Chest Tube: Tip projected over the left mid zone | The report mentions a tube in the new report, but the latest report uses the term "Chest Tube", which is consistent with a drainage tube, while the new report refers to it as an intercostal drain tube. |
| New Development |  |  | Distal innominate / proximal Superior vena cava | The latest report mentions the location of the CVP line, a detail not found in the previous reports. |

### Section: Symptoms/Phenomena of Concern

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| Category | Old Report Content | New Report Content | Latest Report Content | Explanation |
| New Development |  |  | Interval increase in patchy air space shadowing in the left lung base | The latest report describes a progression of the air space shadowing in the left lung base compared to the previous image, indicating worsening of the condition. |
| New Development |  |  | Patch of consolidation in the right para cardiac region | The latest report mentions a new finding of consolidation in the right lung, not observed in the previous reports. |
| Difference |  | Small left pleural effusion noted | Small left basal effusion present | While both reports mention a left pleural effusion, the latest report clarifies the location as "basal", potentially indicating a more specific location. |
| Difference | Minor atelectasis | Possible underlying subsegmental atelectasis and consolidation |  | The new report mentions atelectasis and consolidation as possible underlying causes for the left pleural effusion, not mentioned in the old report. |
| New Development | Post-sternotomy status |  |  | The latest report does not mention the patient's post-sternotomy status, which was a significant concern in the old report. |