





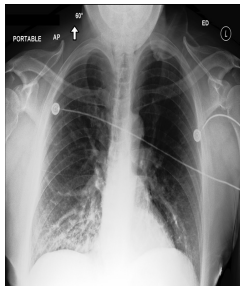
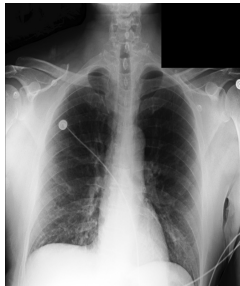


	CASE 1				CASE 2			
								
	(Prior Image)		(Current Image)		(Prior Image)		(Current Image)	
Question	(Worsen) What does the progression in the right-sided pleural effusion likely indicate about the underlying right lung condition?				(Improved) How has the pneumothorax in the left apical zone changed between the two chest CXR images?			
Options	A: Improvement in underlying pneumonia. B: Development of a malignant process without previous abnormalities. C: Complete resolution of previous abnormalities. D: Worsening of underlying atelectasis or possible infection. (✓)				A: It has worsened significantly. B: It has resolved completely. C: It has not changed. D: It has mildly improved but still remains substantial. (✓)			
Historical Record	In comparison with the study of ___, there has been the development of right pleural effusion with compressive atelectasis at the base. In view of the clinical history, the possibility of pneumonia in this region cannot be excluded. No definite vascular congestion. Of incidental note is evidence of old fractures of the eighth and ...				In comparison to prior radiograph of 1 day earlier, a left pneumothorax is minimally decreased, with apical pleural line now overlying the superior aspect of the for left posterior rib.			
	Qwen2-VL	GPT-4o	InternVL2	InternVL2 (lora)	Qwen2-VL	GPT-4o	InternVL2	InternVL2 (lora)
+ G-MRec	A (X)	A (X)	A (X)	C (X)	B (X)	B (X)	D (✓)	D (✓)
+ R-MRec	B (X)	B (X)	A (X)	D (✓)	D (✓)	D (✓)	D (✓)	D (✓)
	B (X)	D (✓)	B (X)	D (✓)	D (✓)	D (✓)	D (✓)	D (✓)

	CASE 3				CASE 4			
								
	(Prior Image)		(Current Image)		(Prior Image)		(Current Image)	
Question	(Worsen) How have the conditions in the right mid lung zone changed between the two chest CXR images?				(Improved) How has the right lung changed in the current chest x-ray image compared to the original?			
Options	A: Improvement noted in opacities. B: No change in condition. C: New worsening opacities. (✓) D: Fluid accumulation detected.				A: Increased pulmonary edema B: Worsened atelectasis C: Development of pleural effusion D: Improved condition with less edema. (✓)			
Historical Record	No pneumothorax has developed. A new parenchymal density exists now in the right upper lobe area with typical concave contours indicating atelectasis. The minor fissure is mildly elevated, but as it leaves a triangular-shaped free segment, it is noted that the atelectasis appears to be limited to the apical segment of the right upper lobe...				There are increased interstitial markings, and pulmonary vascular congestion, compatible with pulmonary edema. The heart is normal in size. No pleural effusion or pneumothorax. There are pulmonary edema with no pleural effusions. No evidence of pneumonia.			
	Qwen2-VL	GPT-4o	InternVL2	InternVL2 (lora)	Qwen2-VL	GPT-4o	InternVL2	InternVL2 (lora)
+ G-MRec	D (X)	B (X)	C (✓)	C (✓)	D (✓)	D (✓)	D (✓)	D (✓)
+ R-MRec	D (X)	C (✓)	B (X)	C (✓)	D (✓)	D (✓)	C (X)	D (✓)
	C (✓)	C (✓)	C (✓)	C (✓)	B (X)	D (✓)	D (✓)	D (✓)