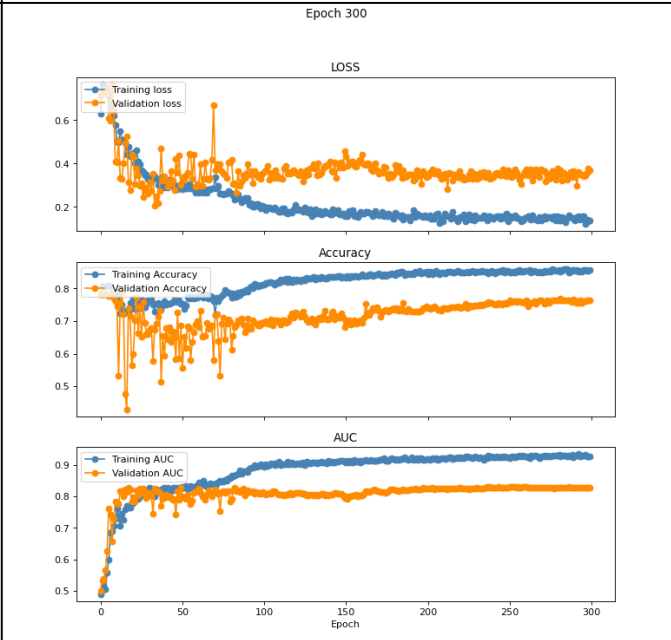
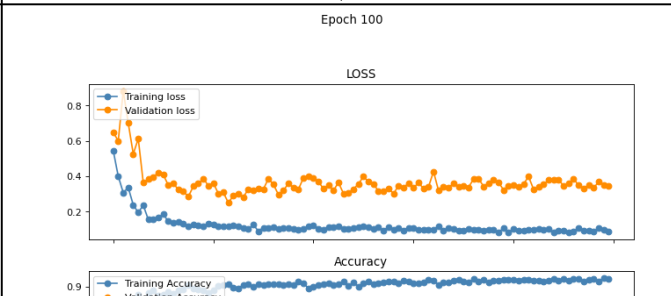
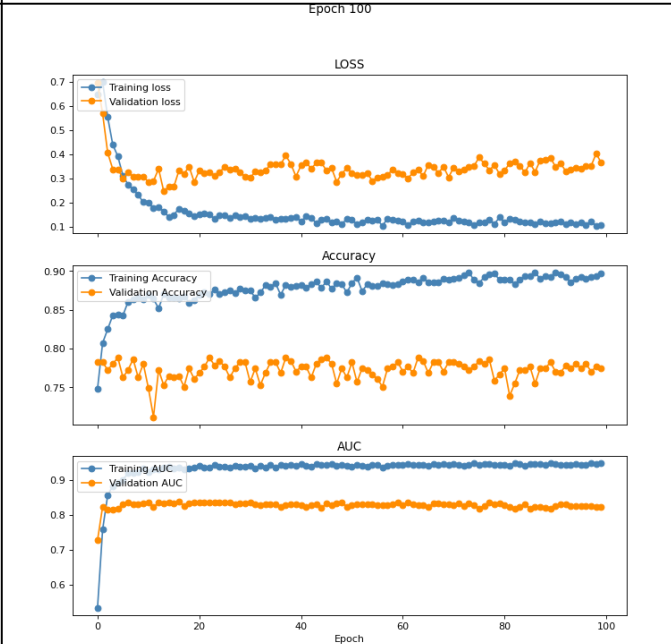


Training curves

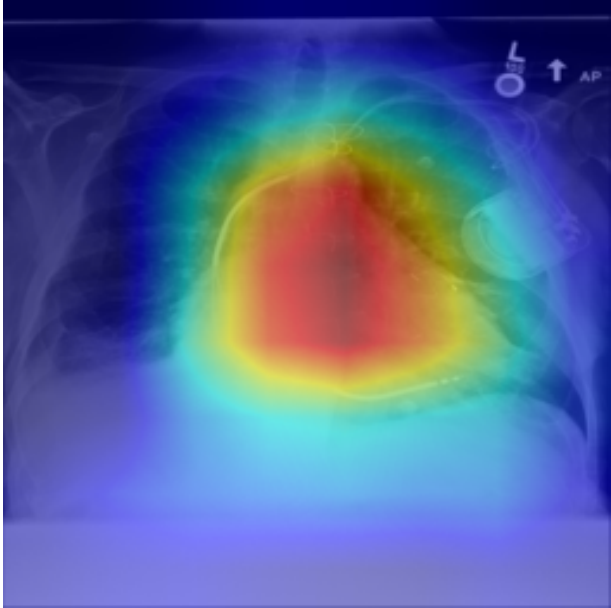
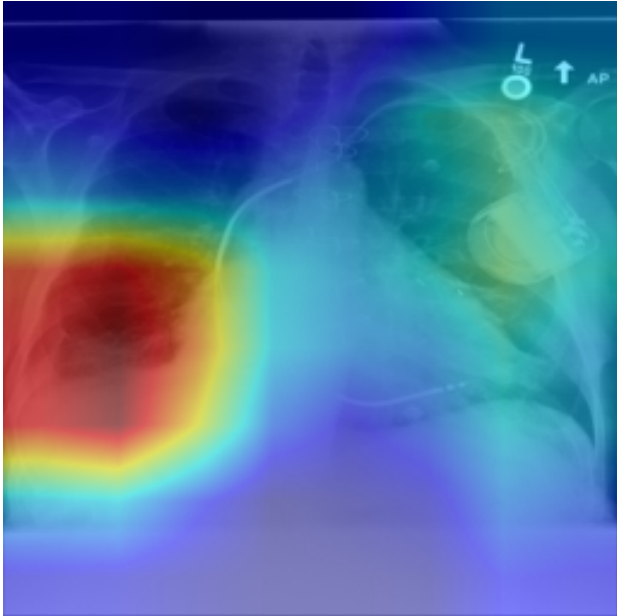
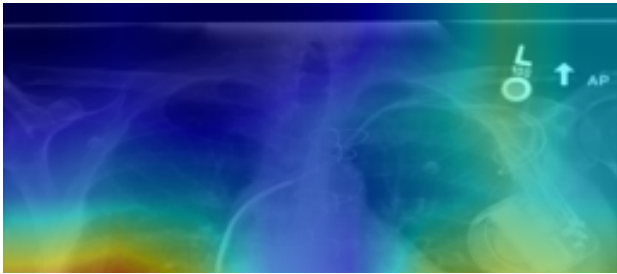
Stage 1 - train with CXR image only for 300 epoch  
(No clinical data)



Stage 2 - train with clinical data but don't update the weights in the DenseNet for 100 epoch  
(Don't touch the trained weights, and use concatenation rather than elementwise sum.)

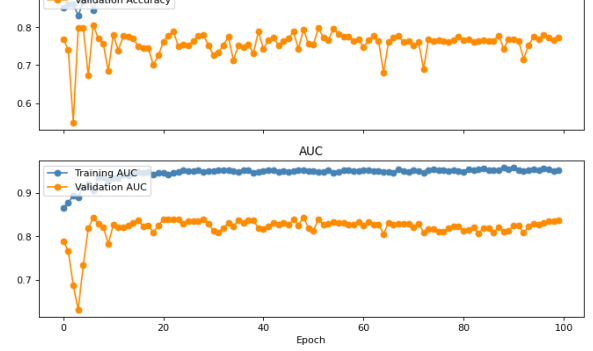




Result	GradCAM++
<p>=====Training Result=====</p> <p>  LOSS 0.1369   ACC 0.8561   AUC 0.9262</p> <p>=====</p> <p>=====Validation Result=====</p> <p>  LOSS 0.3699   ACC 0.7647   AUC 0.8278</p> <p>=====</p> <p>Training Done   TEST LOSS 0.5033   TEST ACC 0.7901   TEST AUC 0.8162</p>	
<p>=====Training Result=====</p> <p>  LOSS 0.1088   ACC 0.8968   AUC 0.9484</p> <p>=====</p> <p>=====Validation Result=====</p> <p>  LOSS 0.3650   ACC 0.7745   AUC 0.8235</p> <p>=====</p> <p>Training Done   TEST LOSS 0.4421   TEST ACC 0.8099   TEST AUC 0.8143</p>	
<p>=====Training Result=====</p> <p>  LOSS 0.0882   ACC 0.9210   AUC 0.9520</p> <p>=====</p>	



Stage 3 - fine tune the DenseNet for 100 epoch





=====Validation Result=====

	LOSS	0.3465		ACC	0.7725		AUC	0.8362
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Training Done | TEST LOSS 0.3997 | TEST ACC 0.8079 | TEST AUC 0.8224

