1, Consider using a ViT that is dedicated to medical imaging. Or finetune the existing transformers.

2, Try Unet. <https://github.com/milesial/Pytorch-UNet>

3, Use hyperopt to decide whether we should down sample and choose the appropriate.

4, Choose from Unet, trans-unet, and ViT

5, Check for leakage when using results from other models as features. to train for the main model. A screenshot of a black screen

Description automatically generated 