

Video: Working with a Small Training Set.

Medical image datasets typically have 10 thousand to 100 thousand examples

Millions of images
with labels

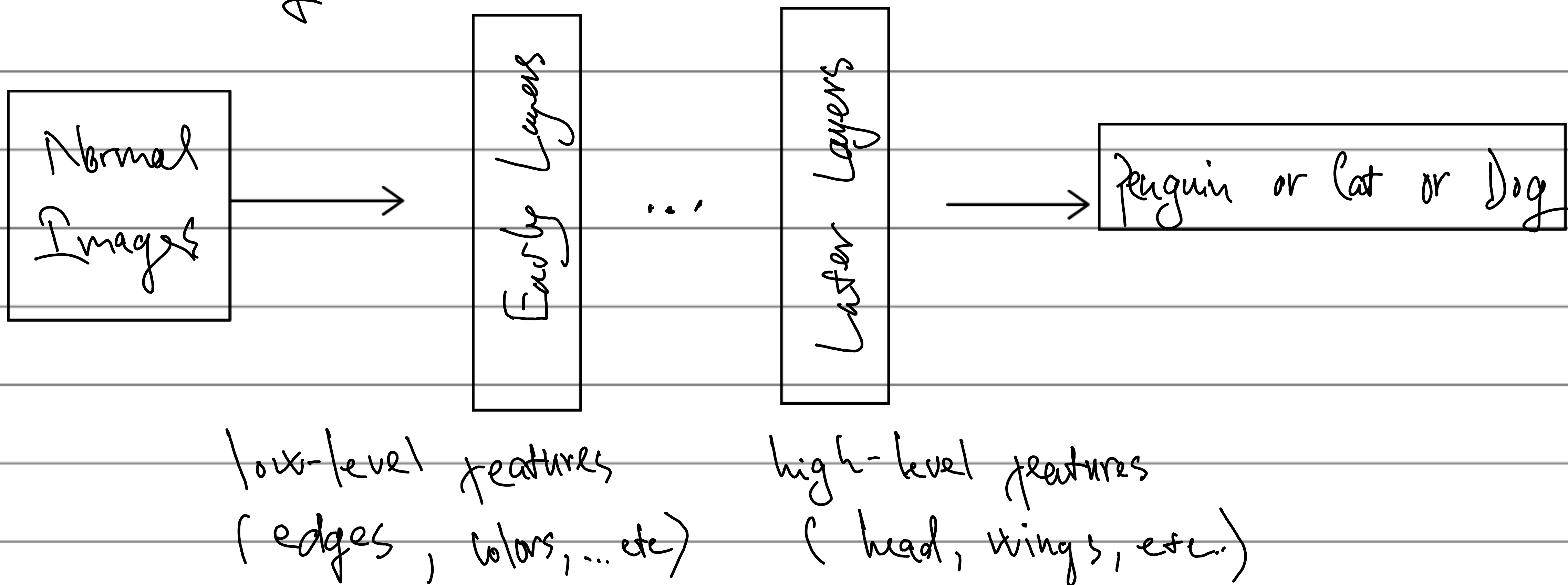
~10k or 100k
Images with labels

Normal Images

Medical Images

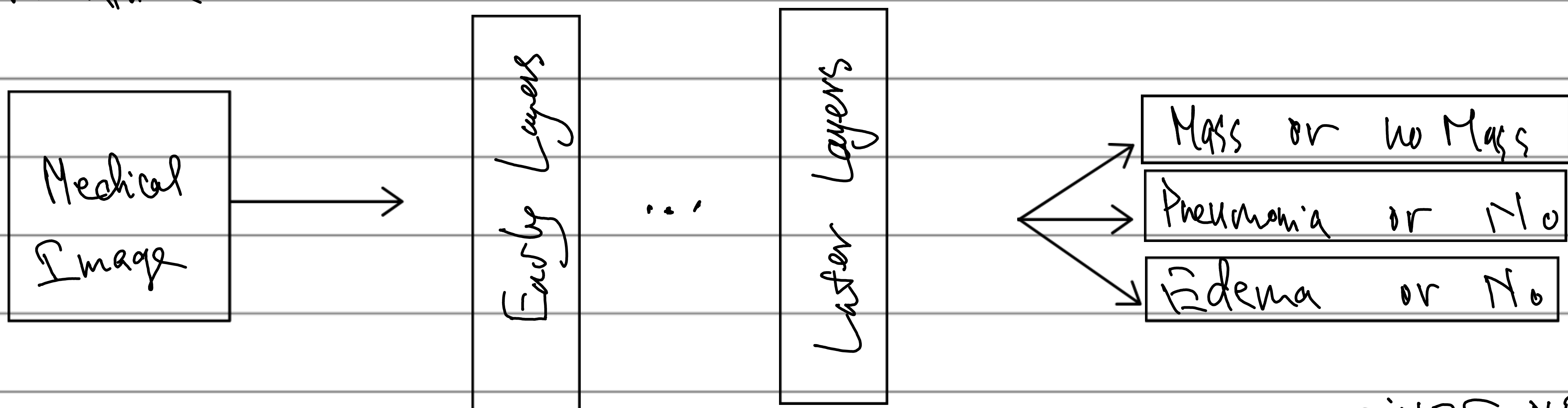
1. Pretraining

PRETRAIN



2. Fine tune

FINETUNE



PRETRAIN + FINETUNE

(all) Option 1 Update Update = TRANSFER LEARNING
(last layer) Option 2 Not Update Update