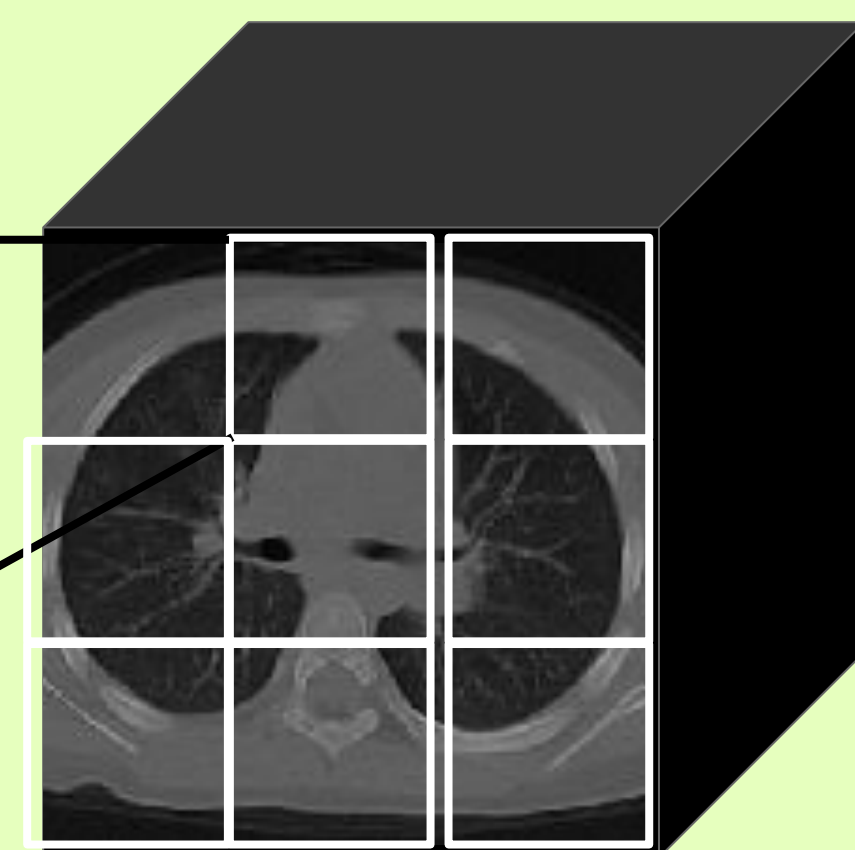
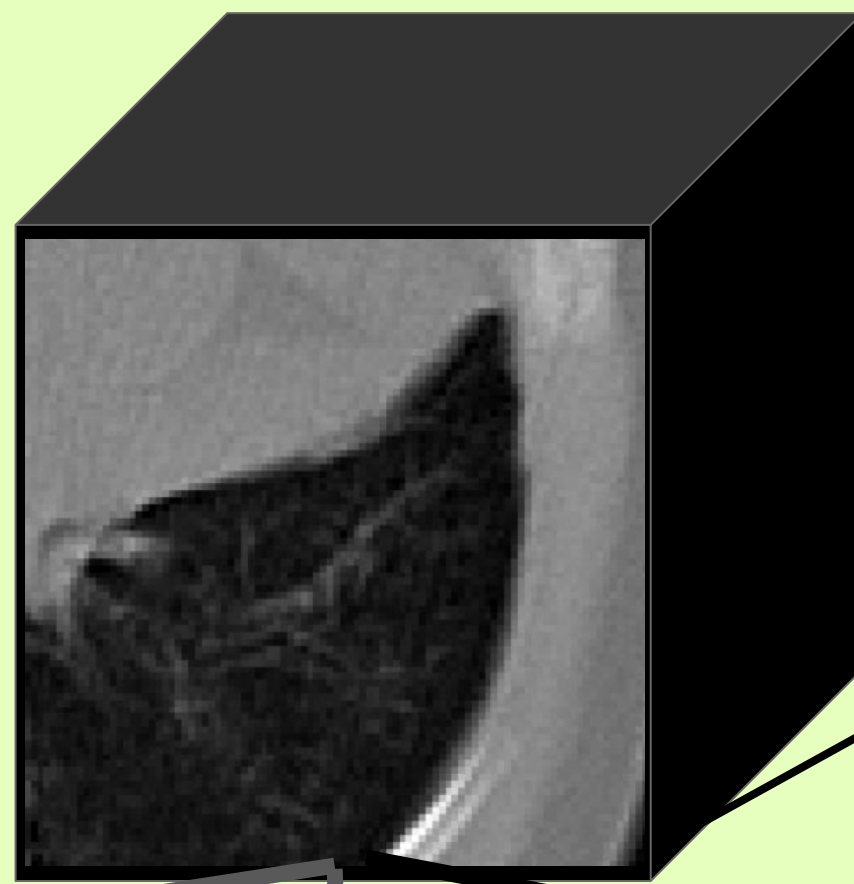
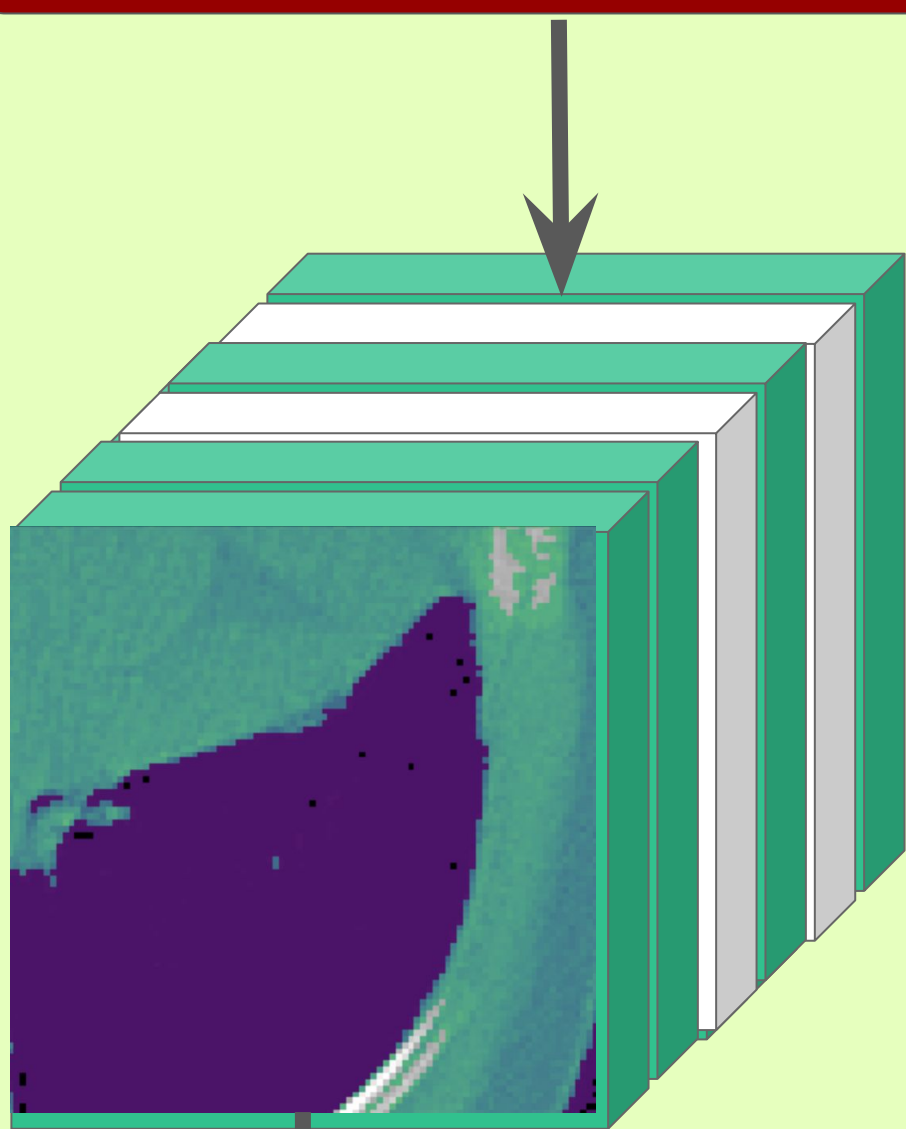


## 3D Image Patch

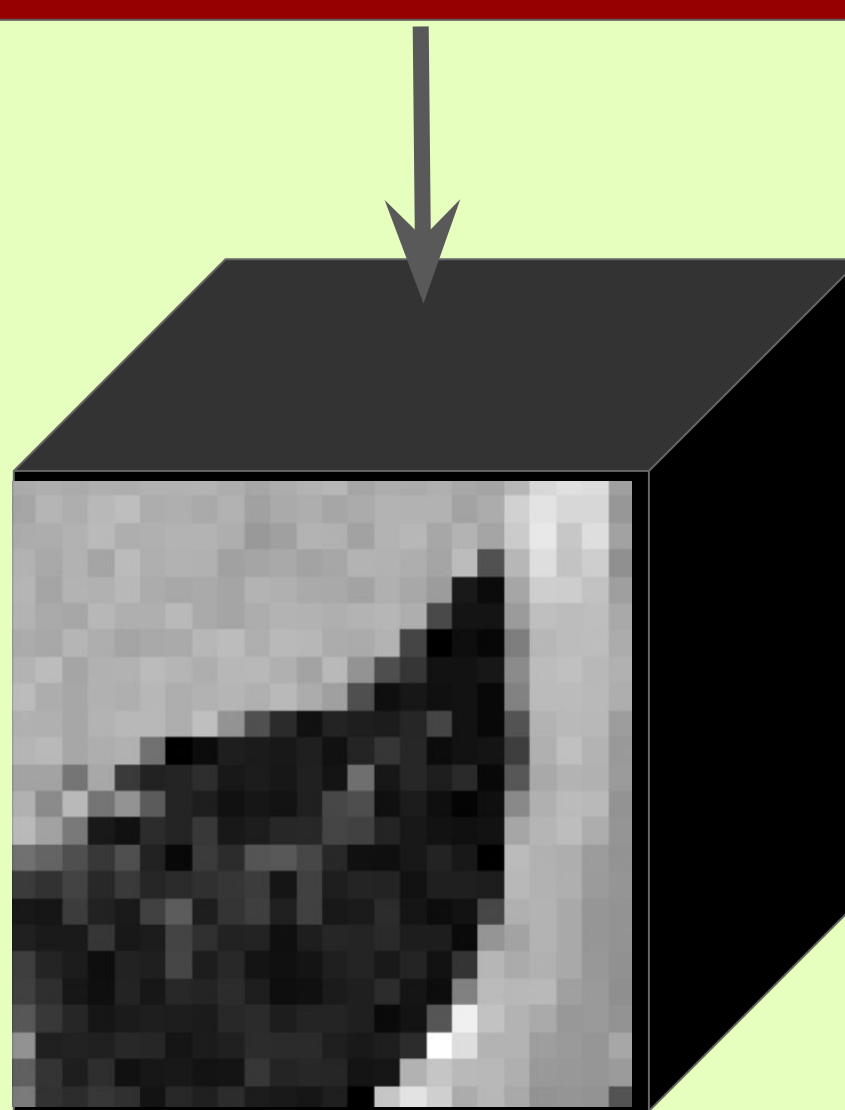


3D Medical Volume

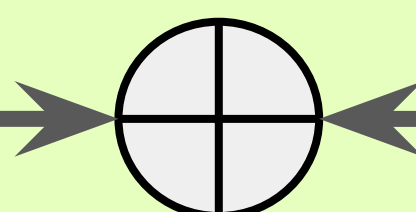
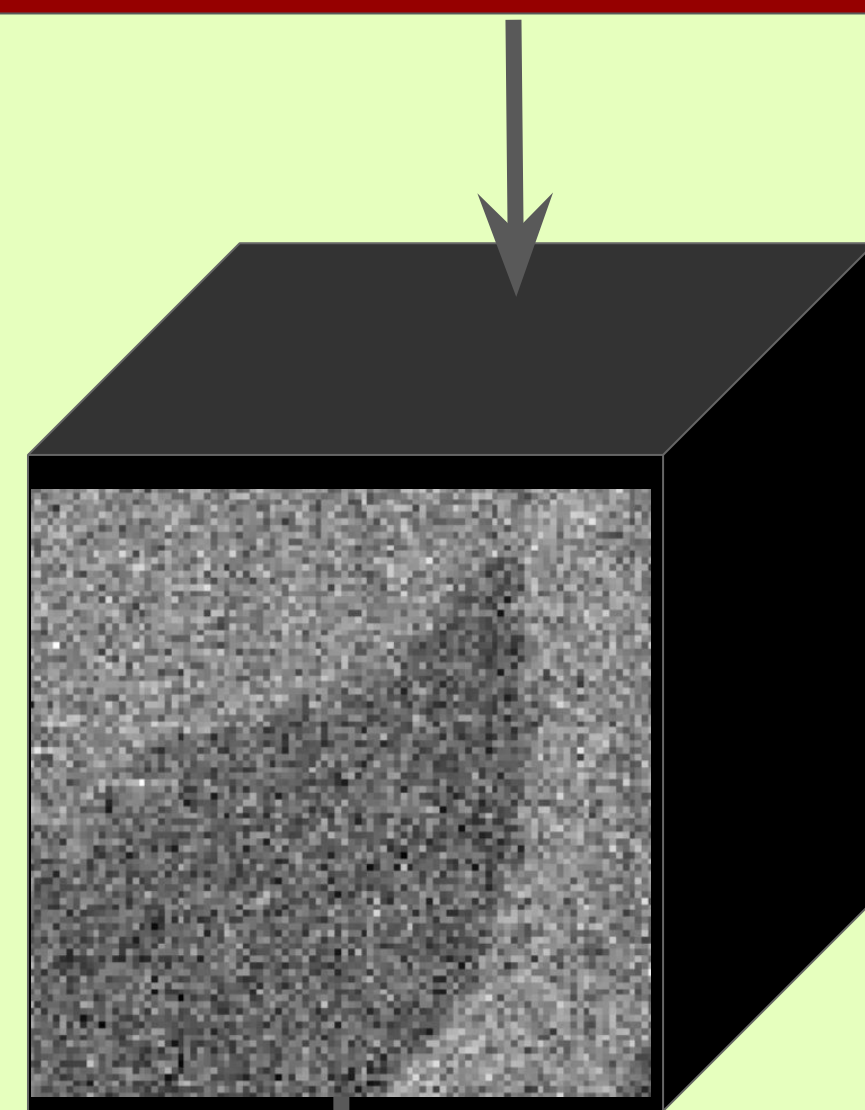
**Local Masking**



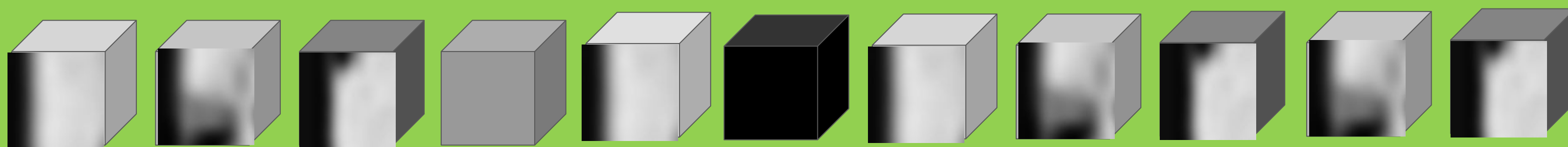
**Downsampling**



**Add Noise**



## Disrupted Tokens

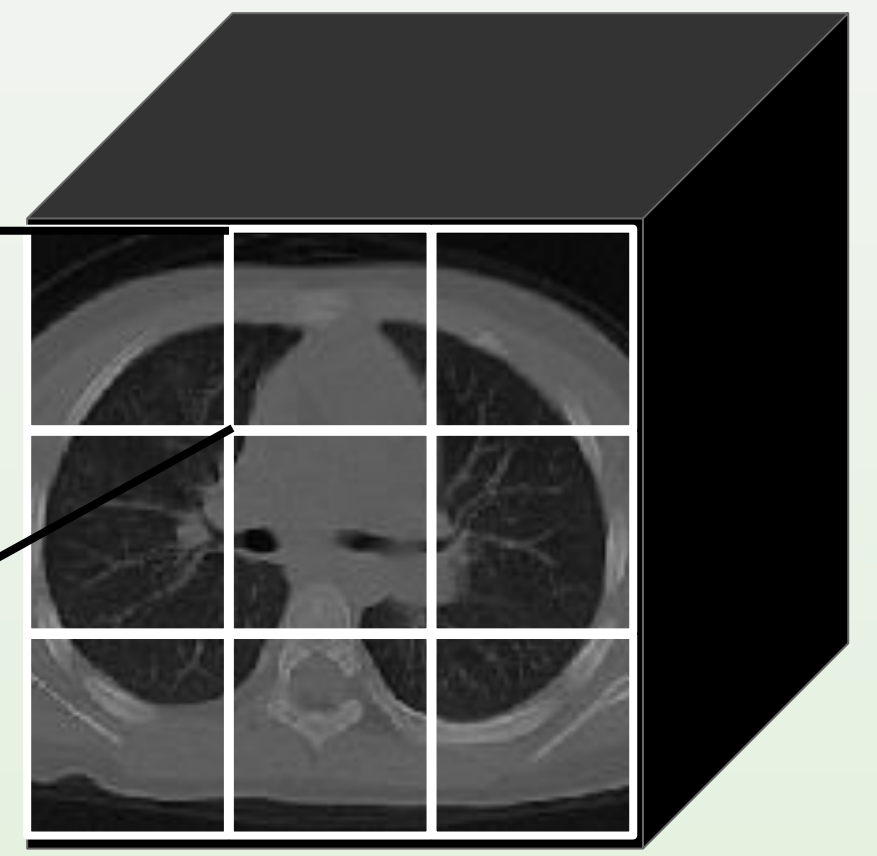
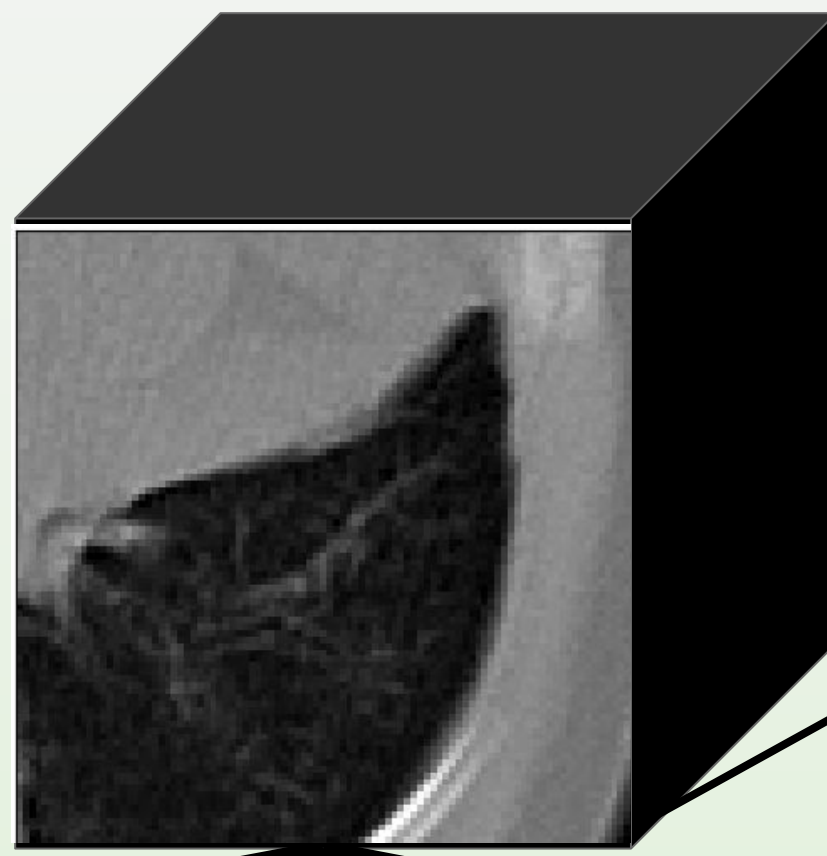
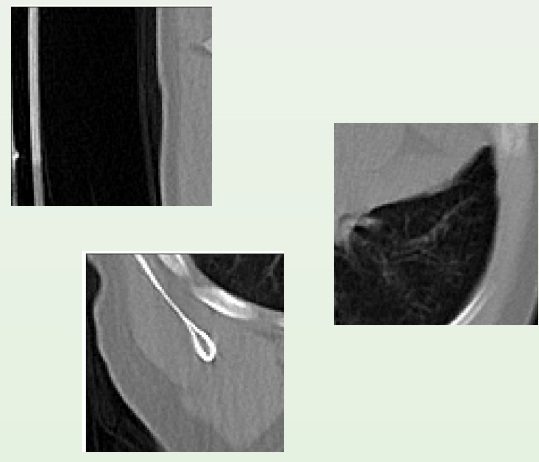


**Transformer Encoder**

Reconstruction

Cross Modal  
Contrastive Learning

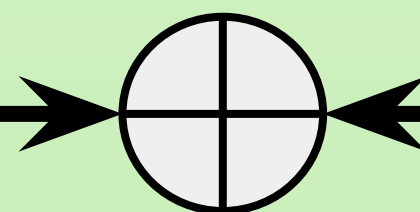
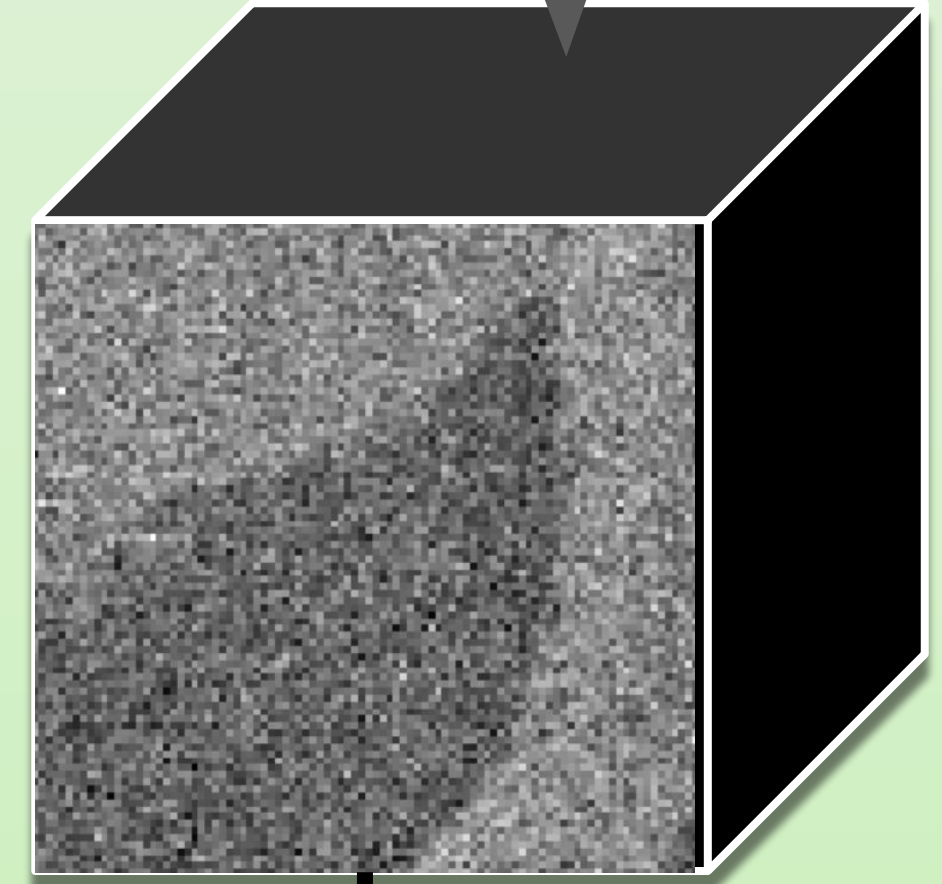
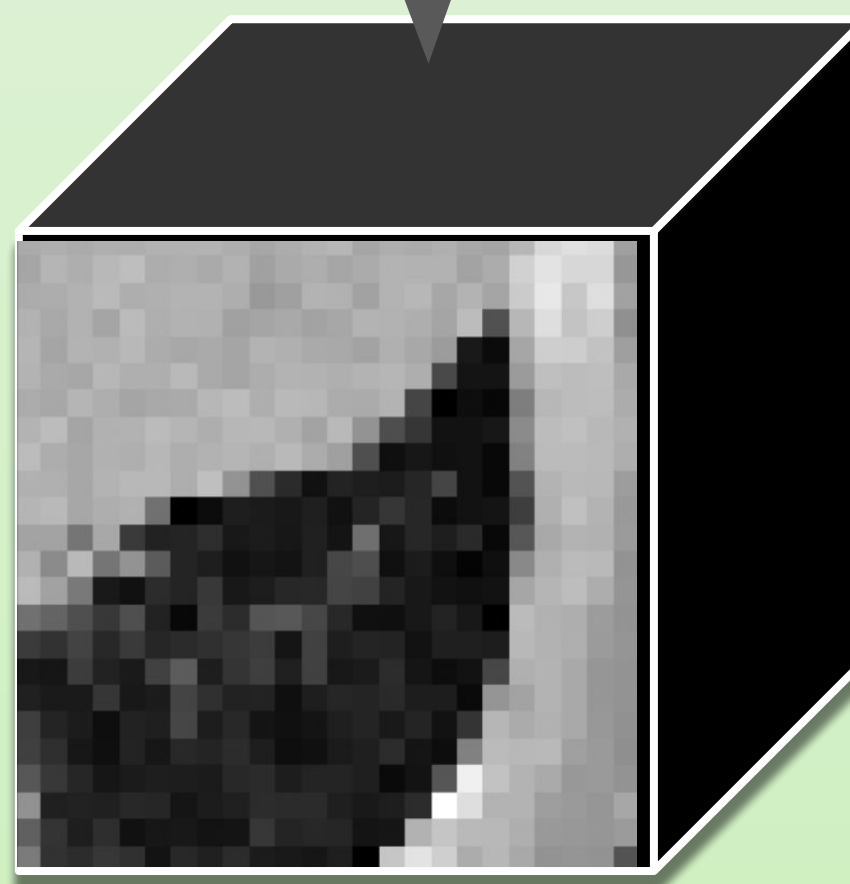
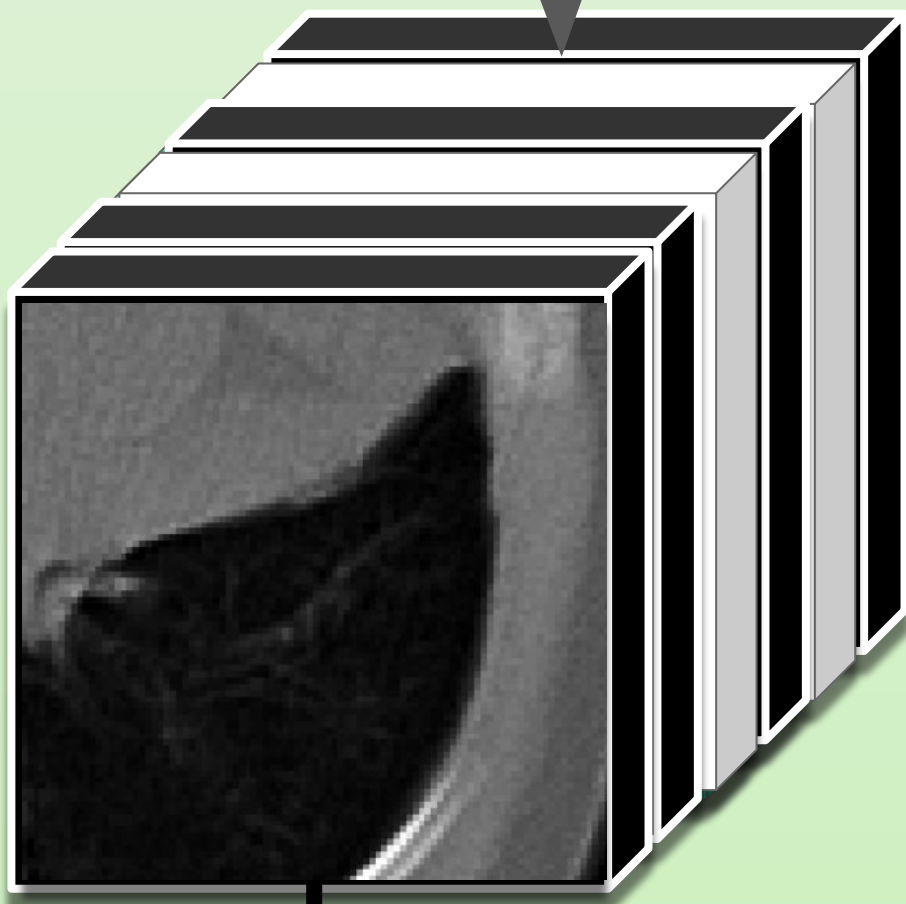
# 3D Medical Volume



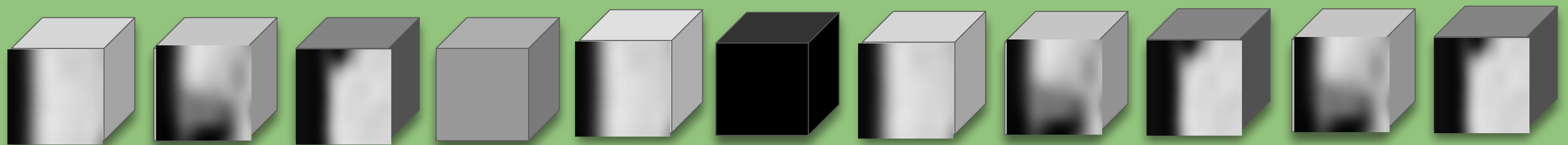
Local Masking

Downsampling

Add Noise



Disrupted Tokens



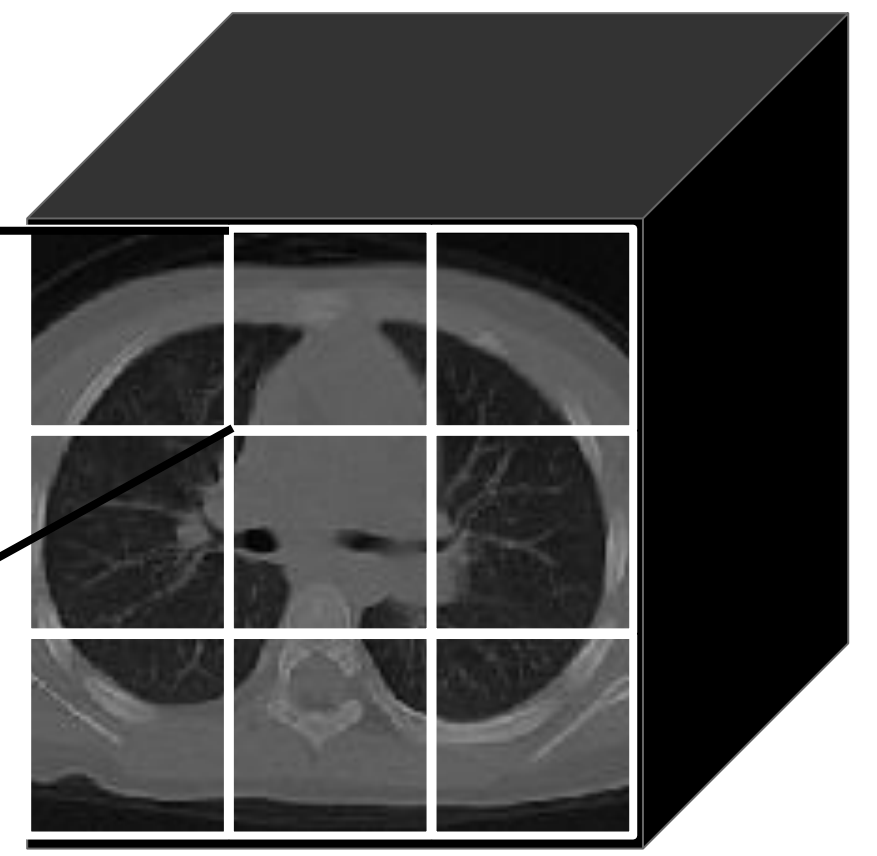
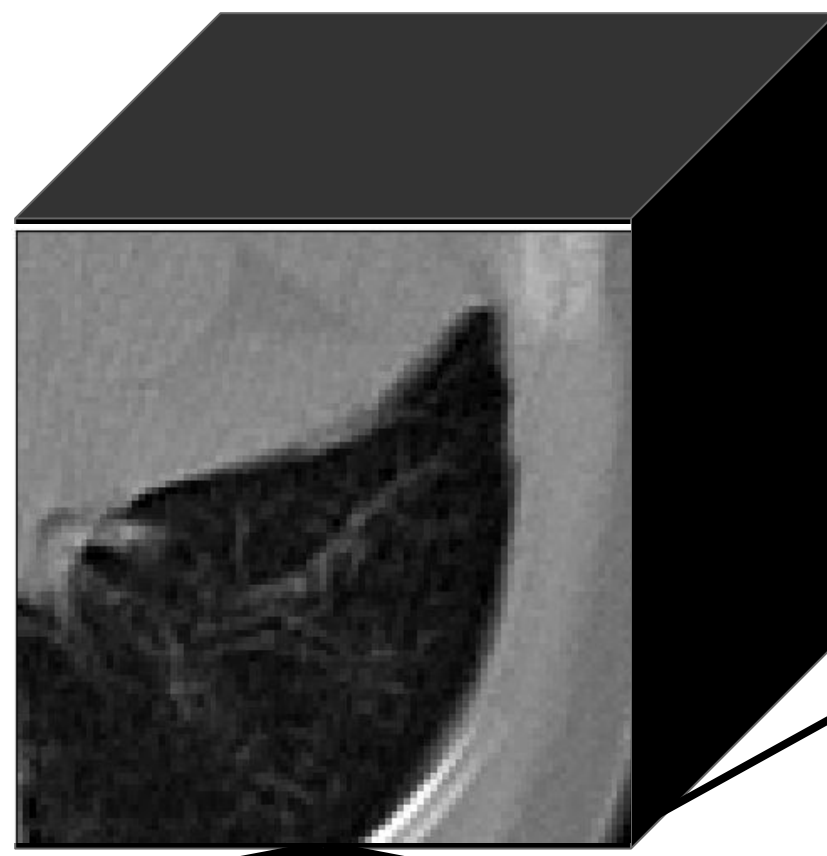
Transformer Encoder

Reconstruction

Cross Modal Contrastive Learning



**3D Image Patch**

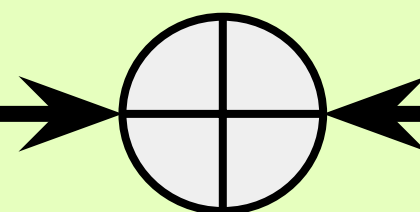
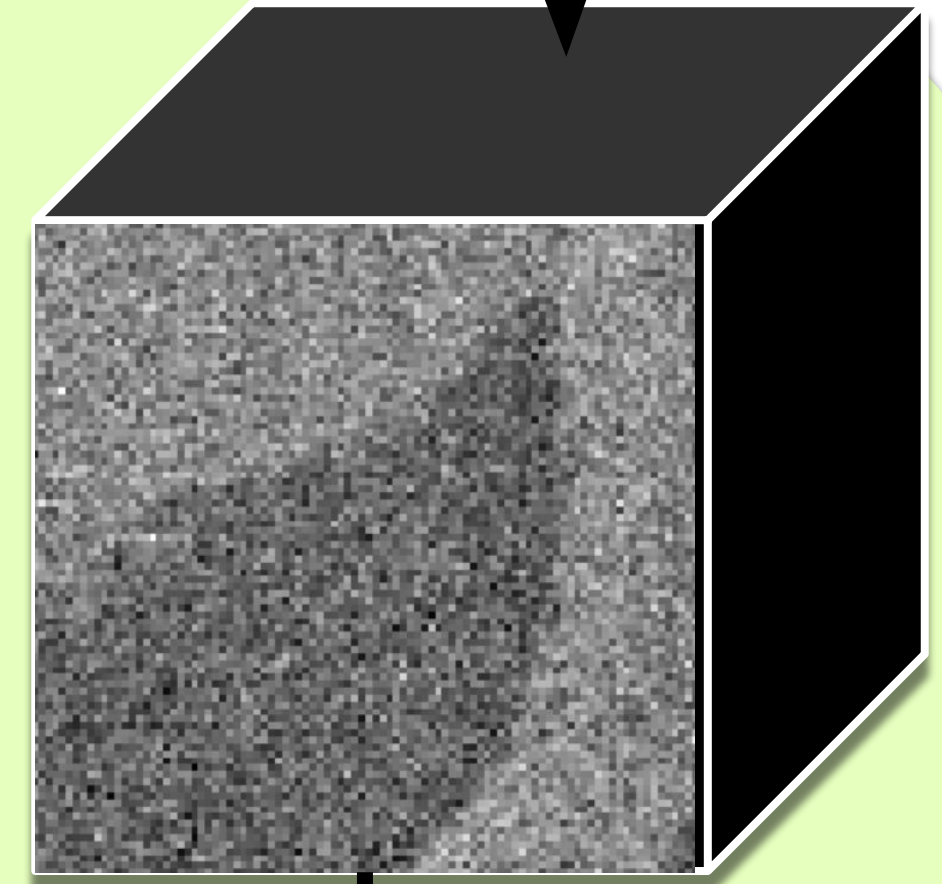
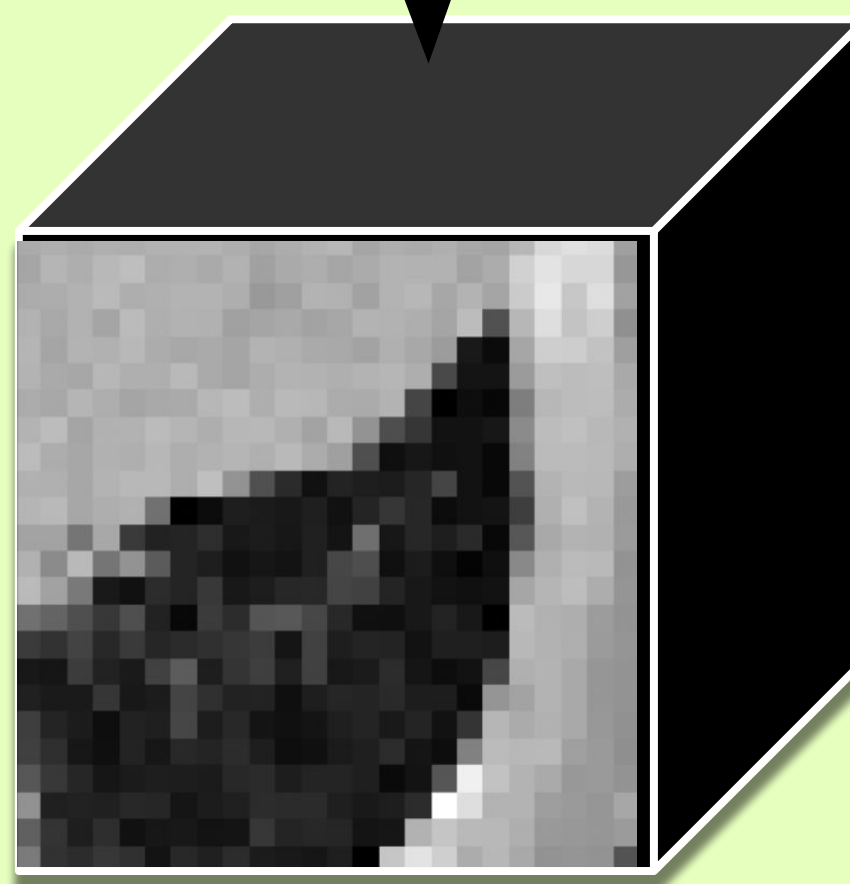
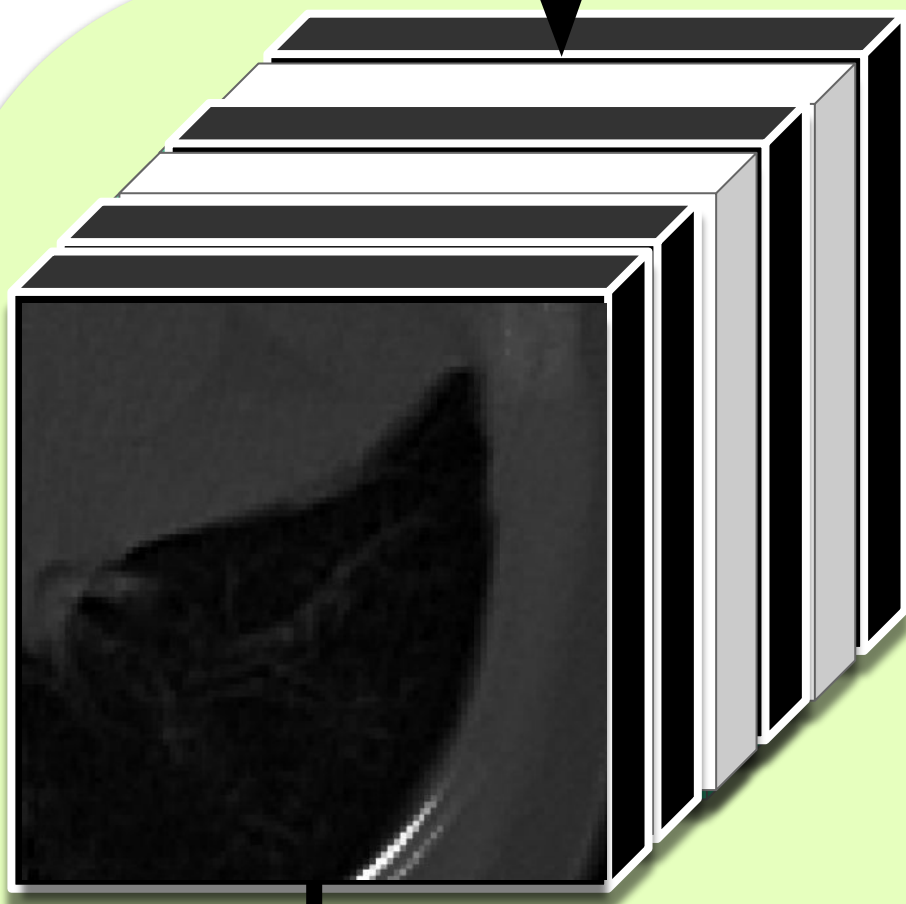


**3D Medical Volume**

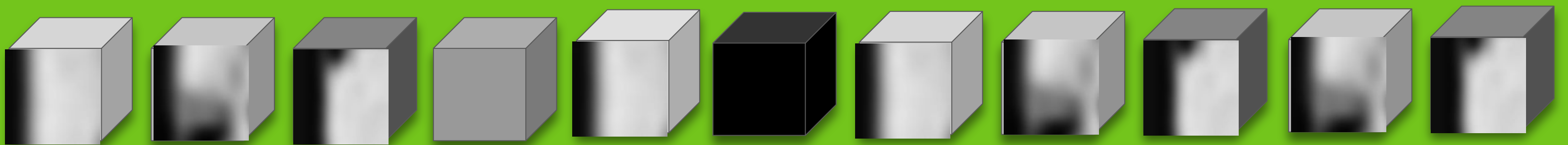
**Local Masking**

**Downsampling**

**Add Noise**



**Disrupted Tokens**



**Transformer Encoder**

**Reconstruction**

**Cross Modal Contrastive Learning**