A close-up of a x-ray

Description automatically generatedA close-up of an x-ray

Description automatically generated

crop\_size **=** (512, 512, 32) *# Adjusted based on my data*

train\_transforms **=** Compose(

[ LoadImaged(keys**=**["image", "target"]),

EnsureChannelFirstd(keys**=**["image", "target"]),

ScaleIntensityRanged(keys**=**["image", "target"],a\_min**=-**1024, a\_max**=**2048, b\_min**=**0.0, b\_max**=**1.0, clip**=True**),

Orientationd(keys**=**["image", "target"], axcodes**=**"RAS"),

Spacingd(keys**=**["image", "target"], pixdim**=**(1.5, 1.5, 2.0)),

Resized(keys**=**["image", "target"], spatial\_size**=**crop\_size, mode**=**'bilinear'),

CenterSpatialCropd(keys**=**["image", "target"], roi\_size**=**crop\_size),

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BA YE DOONE DATA:  
crop\_size **=** (180, 180, 312) *# Adjusted based on my data*

train\_transforms **=** Compose(

[ LoadImaged(keys**=**["image", "target"]),

EnsureChannelFirstd(keys**=**["image", "target"]),

*# ScaleIntensityRanged(keys=["image", "target"],a\_min=-60, a\_max=120, b\_min=0.0, b\_max=1.0, clip=True),*

*# ReferenceBasedNormalizeIntensityd*

*# Orientationd(keys=["image", "target"], axcodes="RAS"),*

Spacingd(keys**=**["image", "target"], pixdim**=**(1.5, 1.5, 2.0)),

Resized(keys**=**["image", "target"], spatial\_size**=**crop\_size, mode**=**'bilinear'),

CenterSpatialCropd(keys**=**["image", "target"], roi\_size**=**crop\_size),

])

val\_transforms **=** Compose(

[ LoadImaged(keys**=**["image", "target"]),

EnsureChannelFirstd(keys**=**["image", "target"]),

*# ScaleIntensityRanged(keys=["image", "target"],a\_min=-60, a\_max=120, b\_min=0.0, b\_max=1.0, clip=True),*

*# Orientationd(keys=["image", "target"], axcodes="RAS"),*

Spacingd(keys**=**["image", "target"], pixdim**=**(1.5, 1.5, 2.0)),

Resized(keys**=**["image", "target"], spatial\_size**=**crop\_size, mode**=**('bilinear')),

CenterSpatialCropd(keys**=**["image", "target"], roi\_size**=**crop\_size),

best\_metric: 0.2485 at epoch: 200

A comparison of a graph

Description automatically generated A graph with numbers and dots

Description automatically generated

With adding data augmentation we could decrease loss from 0.0664 at epoch 298 to ? at epoch ?.