



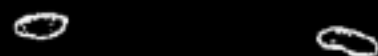
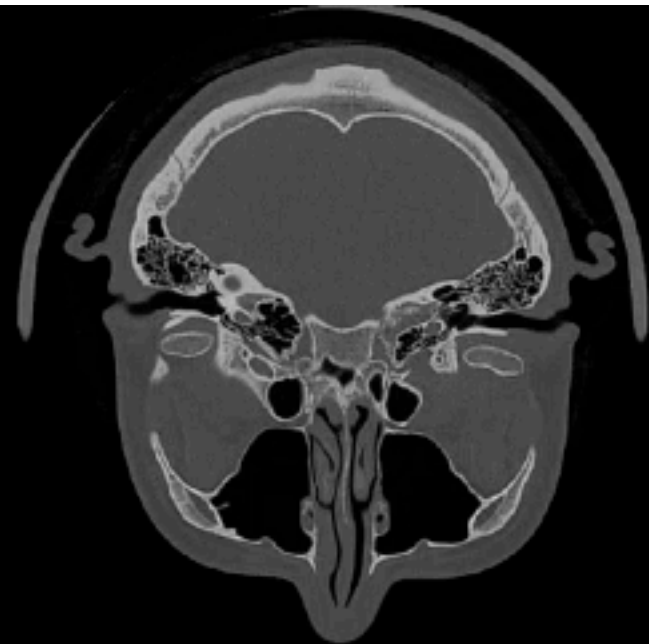




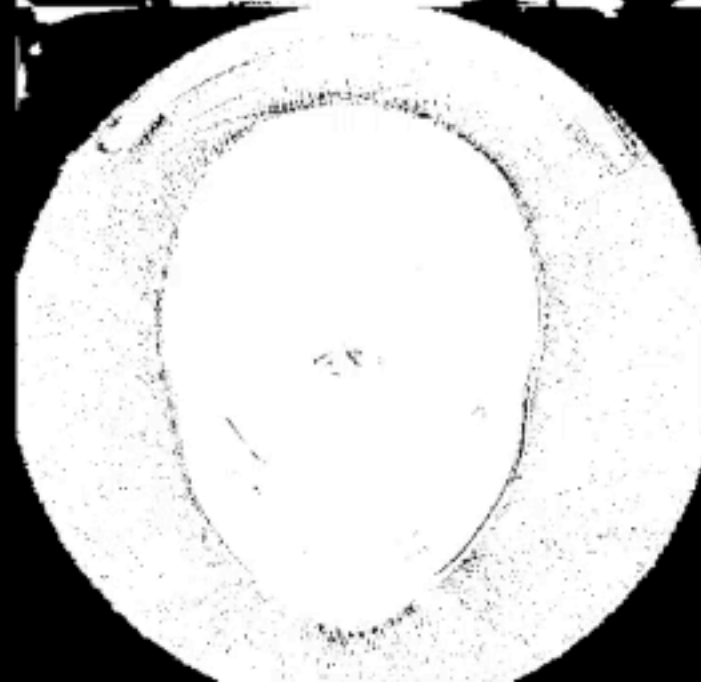
Korea Institute of  
Science and Technology

**TRAINING**

- ▶ Adam optimizer
- ▶ Learning rate :  $1e-5$
- ▶ Loss : Softmax cross entropy



+



training slice

testside

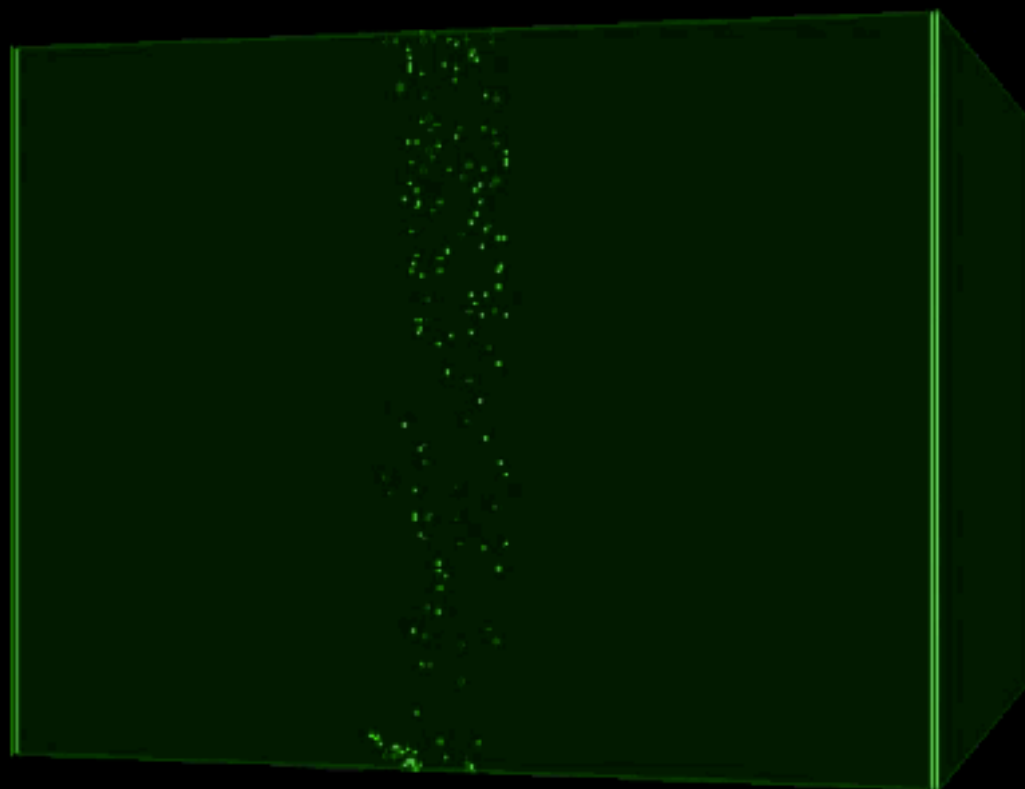


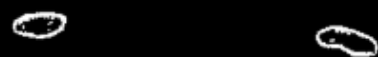
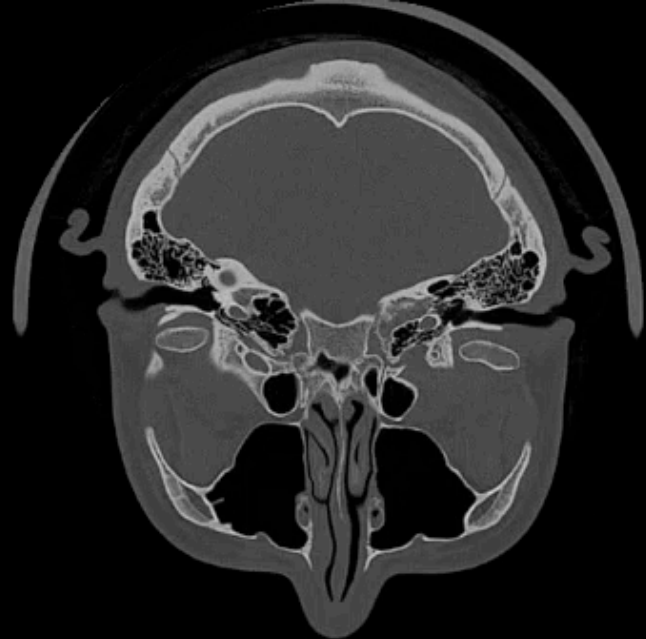
image

ground truth

predicted

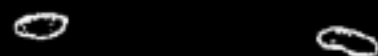
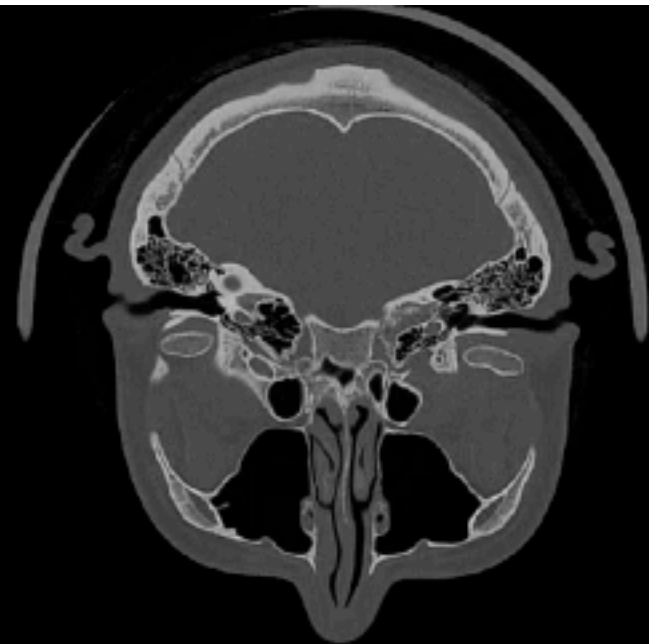
prediction change in 3D





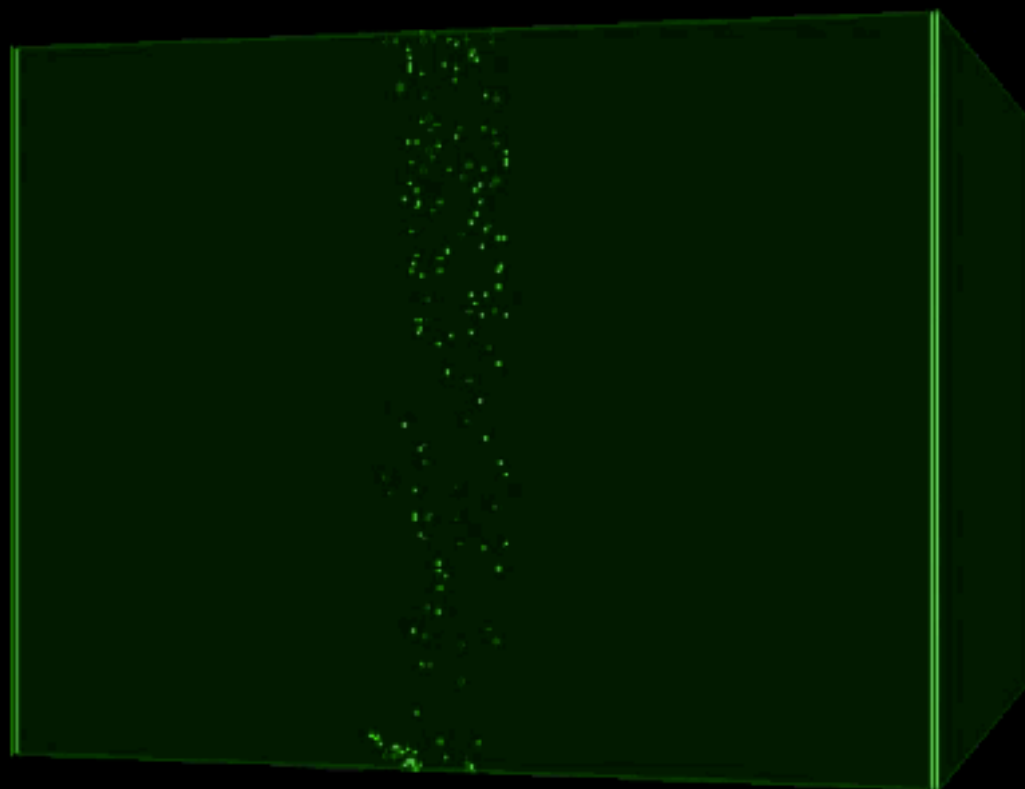
+





+





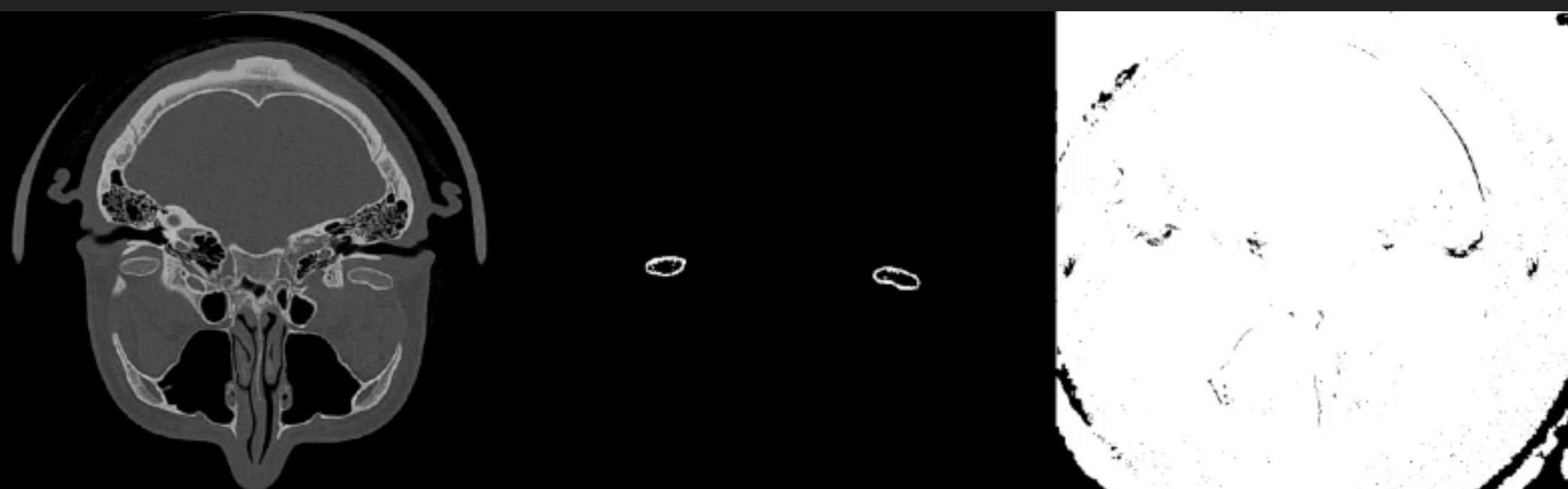




# TRAINING

- ▶ Adam optimizer
- ▶ Learning rate :  $1e-5$
- ▶ Loss : Softmax cross entropy

training slice



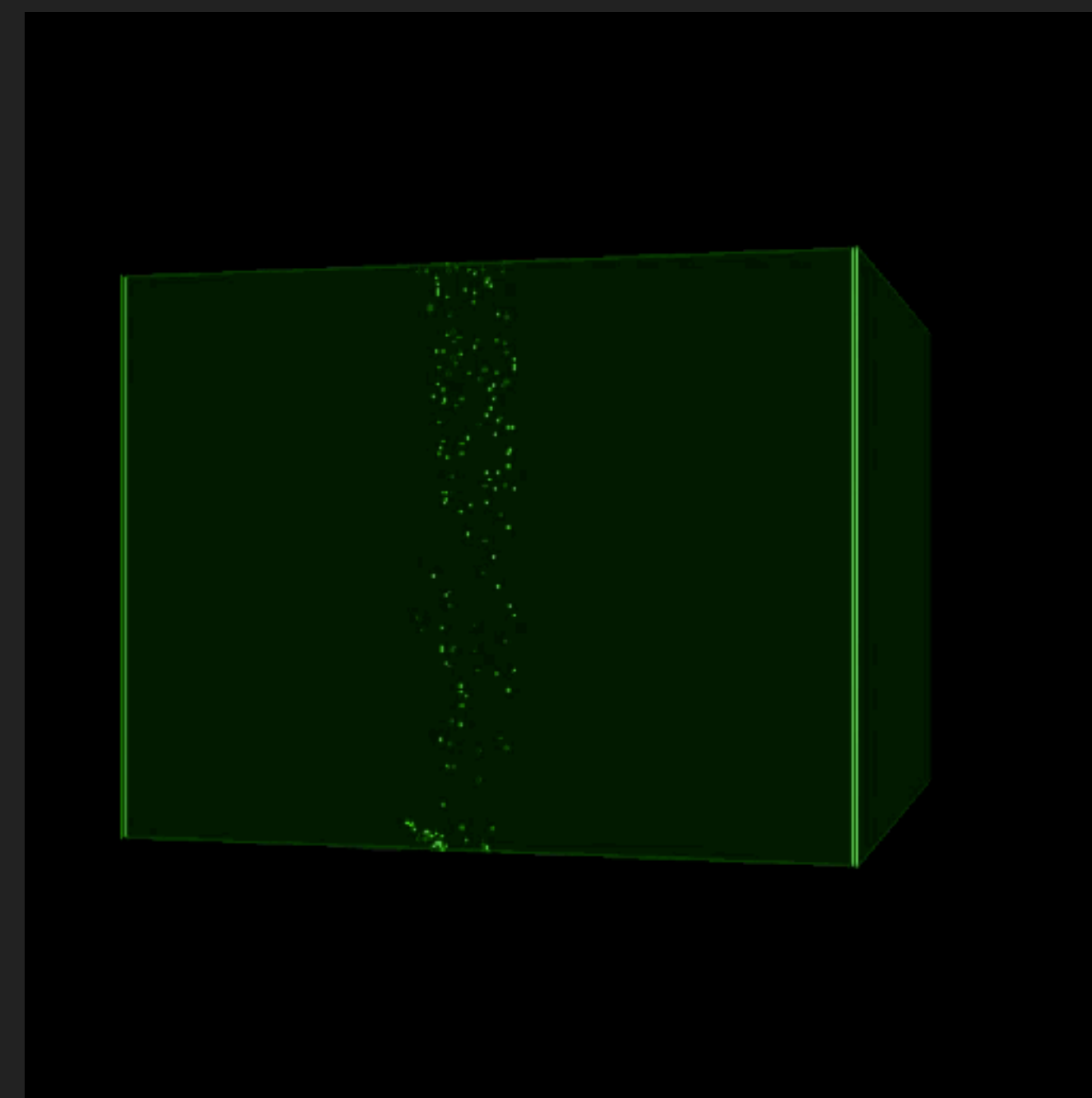
test slice



image

ground truth

predicted



prediction change in 3D

# APPLICATION

- ▶ C++
- ▶ QT
- ▶ ITK
- ▶ VTK
- ▶ Tensorflow

