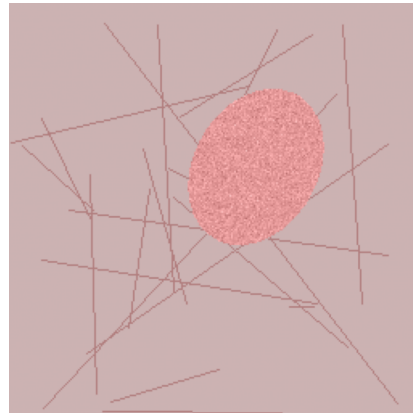
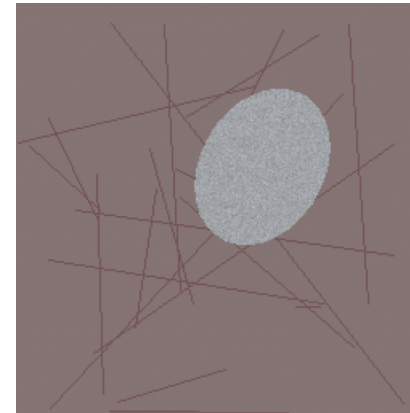


Interactive Reinforcement Learning Segmentation Process

Original Colonoscopy Image

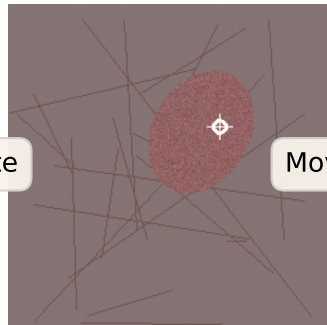


Ground Truth Segmentation

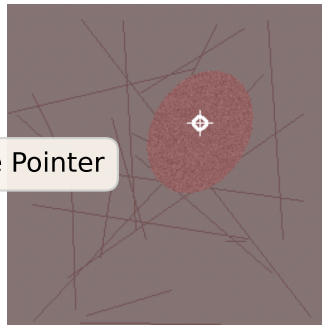


- Prediction
- Ground Truth
- Overlap
- Pointer

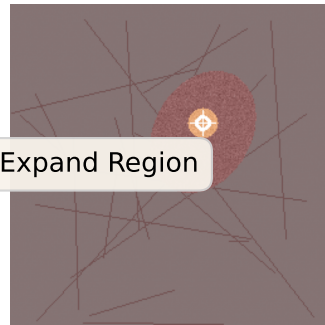
Step 1



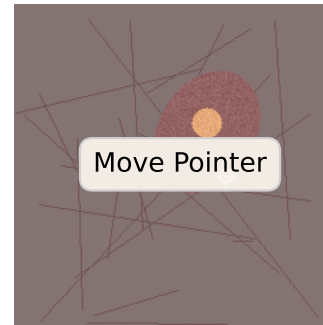
Step 2



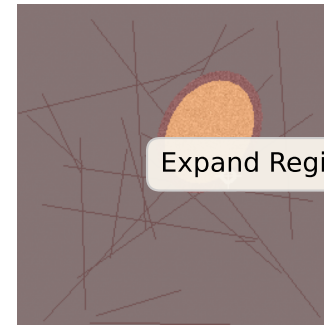
Step 3



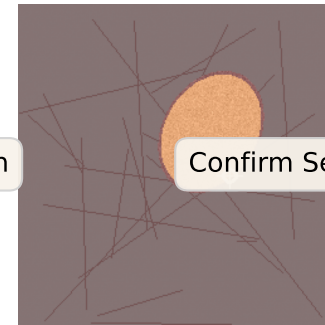
Step 4



Step 5



Step 6



Initial State

Move Pointer

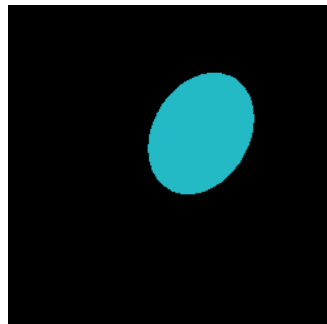
Expand Region

Move Pointer

Expand Region

Confirm Segmentation

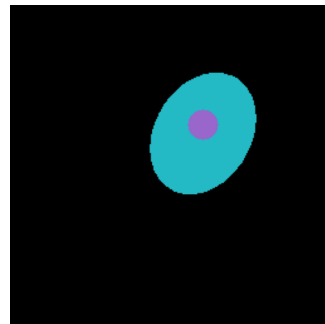
Dice: 0.0000



Dice: 0.0000



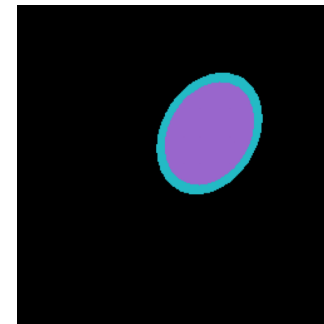
Dice: 0.1324



Dice: 0.1324



Dice: 0.8306



Dice: 0.9429 (Best)

