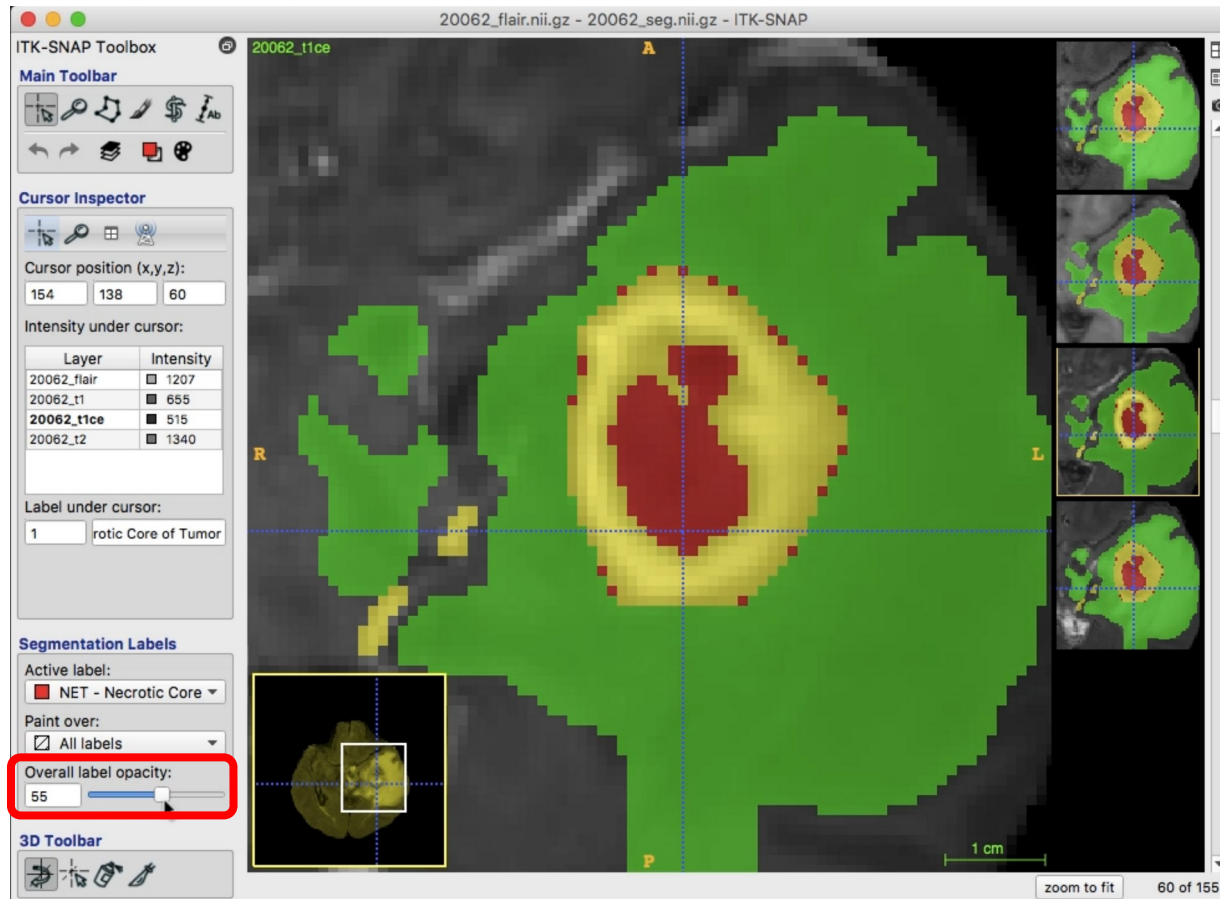


Refining Labels with ITK-SNAP

- Refine the wrong labels in the segmentations

Here, red pixels(Necrotic core) should be part of either enhancing tissue or edema.

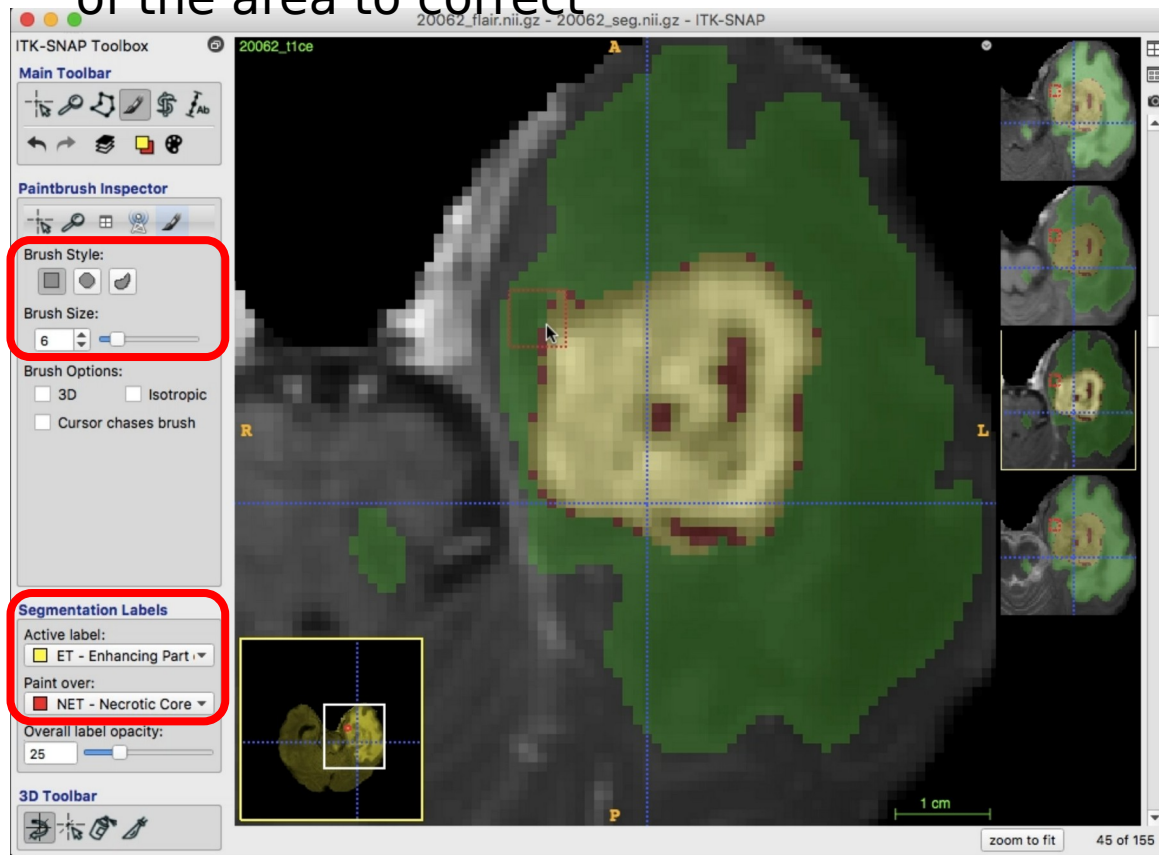
This can be examined on T1 post contrast MRI by varying label opacity



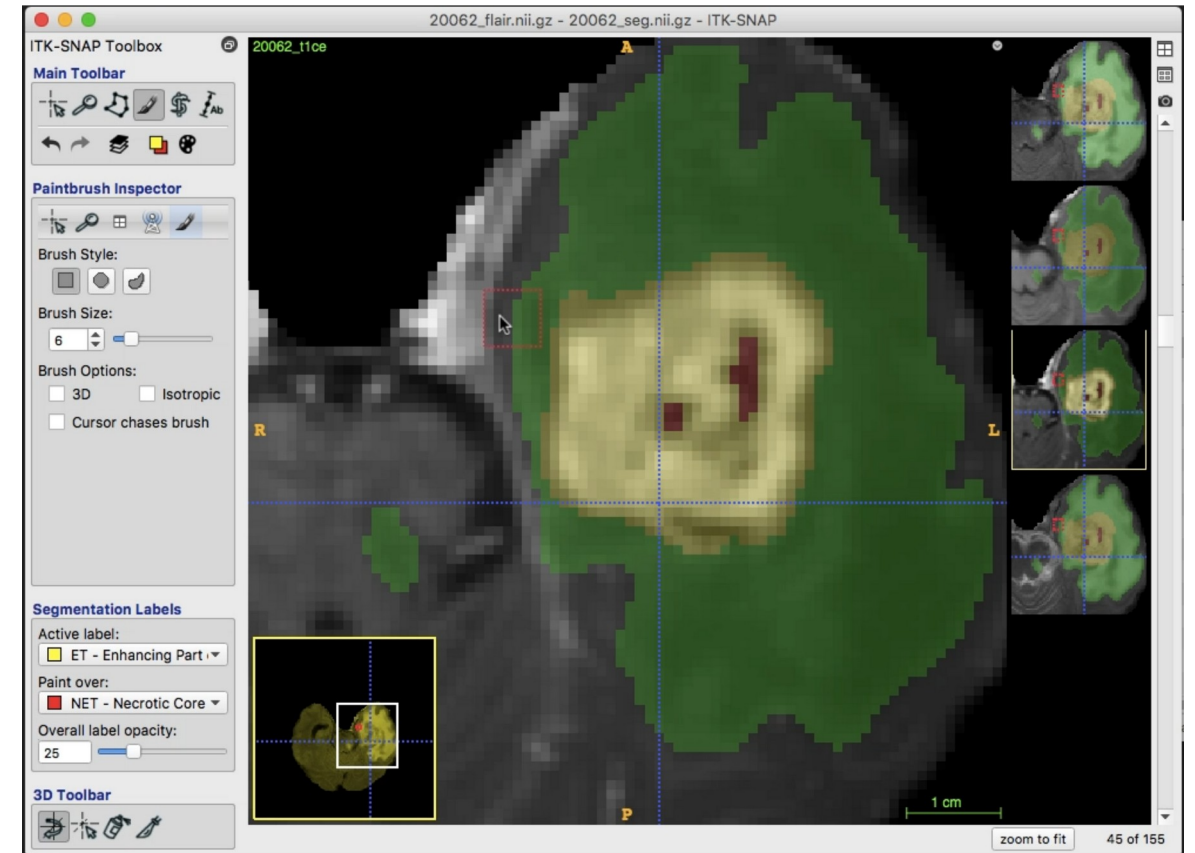
Refining Labels with ITK-SNAP

- Correct the wrong labels in the segmentations

Select appropriate active label and paint over label with the brush size depending upon the size of the area to correct



Before Correction

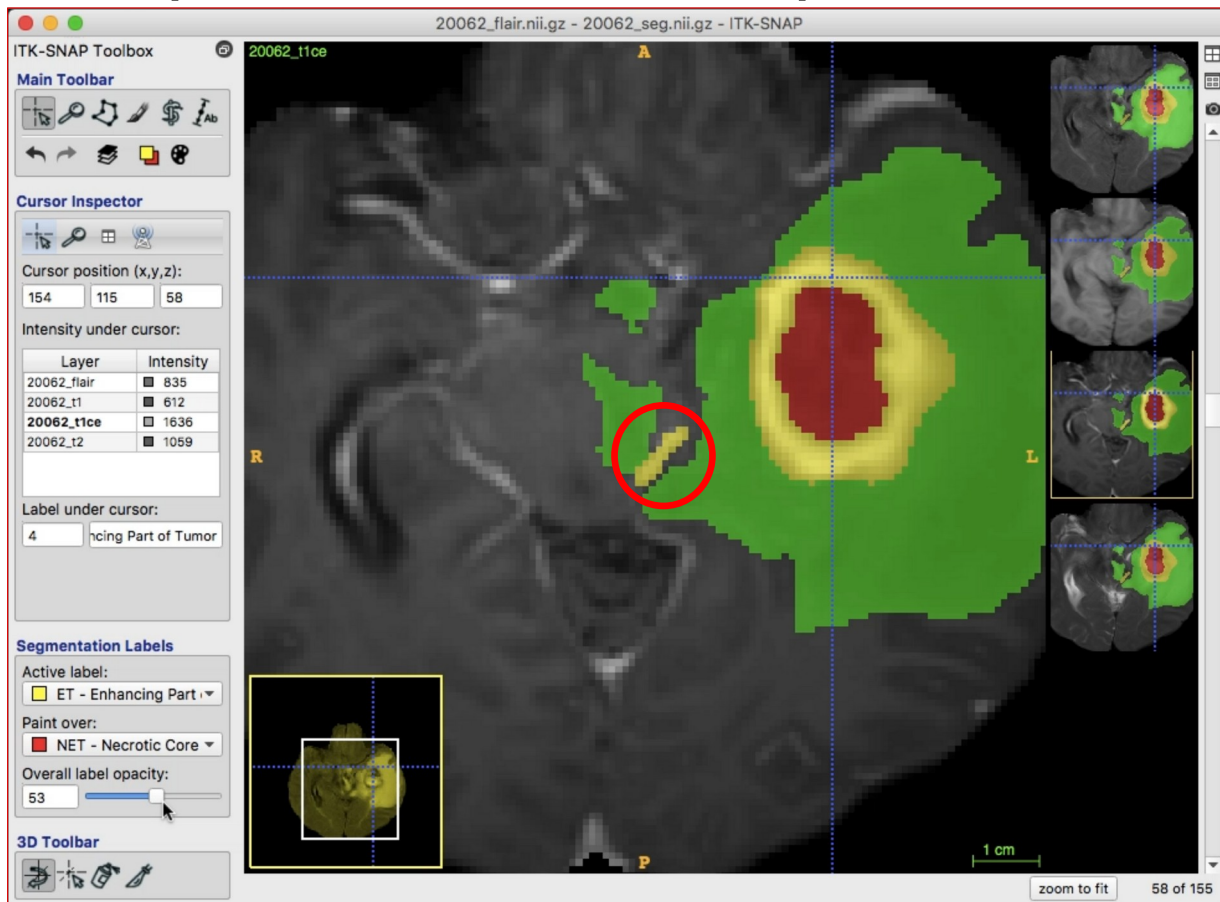


After Correction

Before you proceed further, please verify the corrections in sagittal and coronal planes as

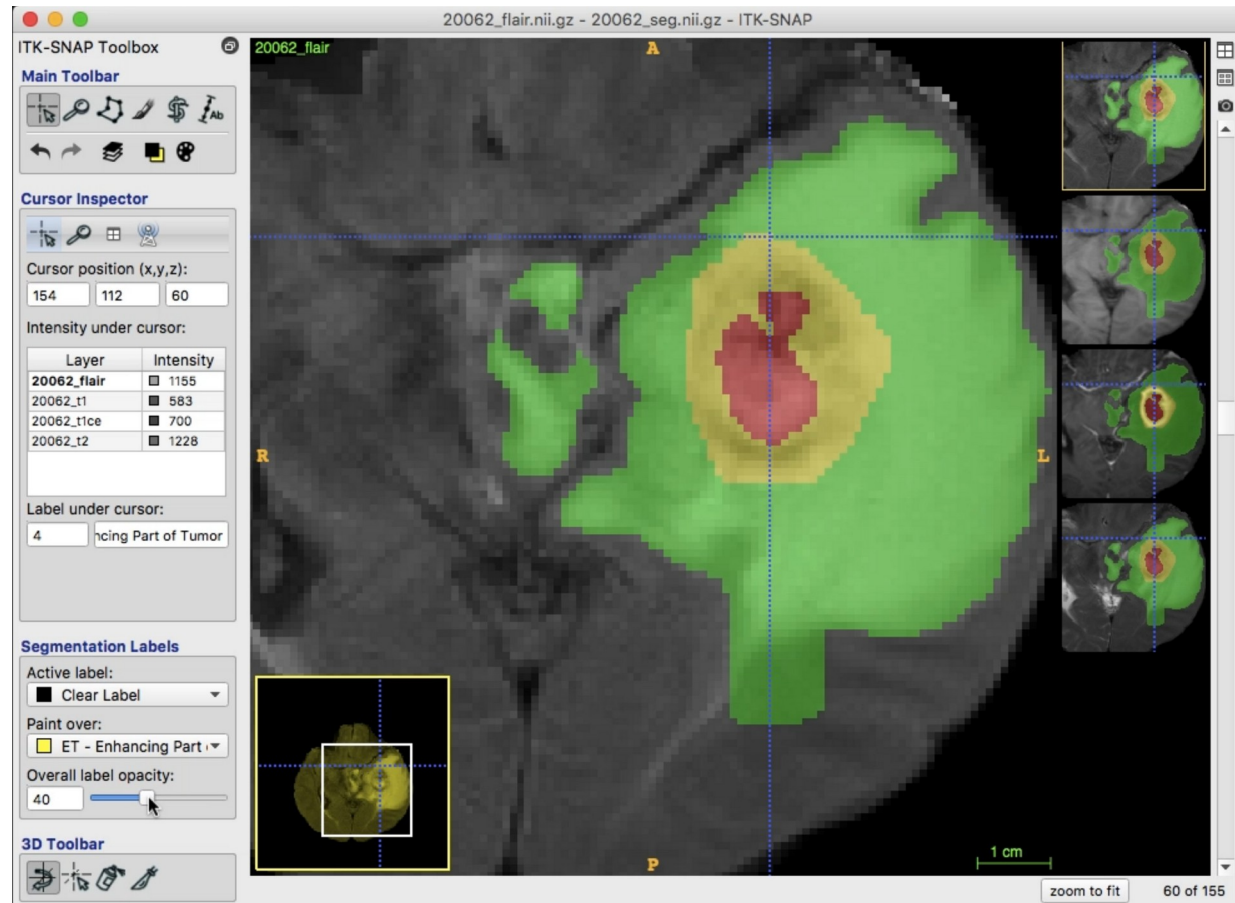
Refining Labels with ITK-SNAP

Sometimes blood vessels are incorrectly segmented as tumor and need to be corrected (can be best visualised in T1 post contrast sequence)

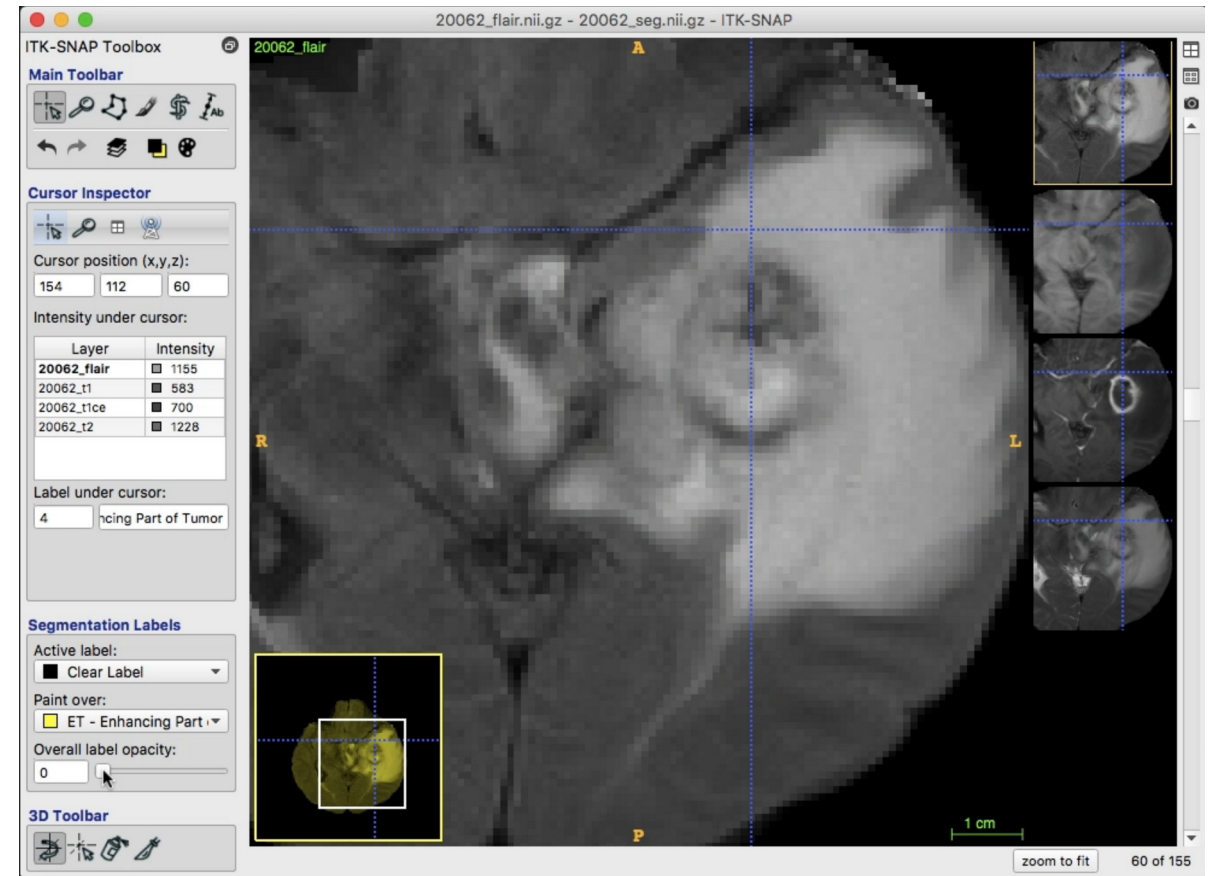


Refining Labels with ITK-SNAP

Over-segmented edema region needs to be corrected



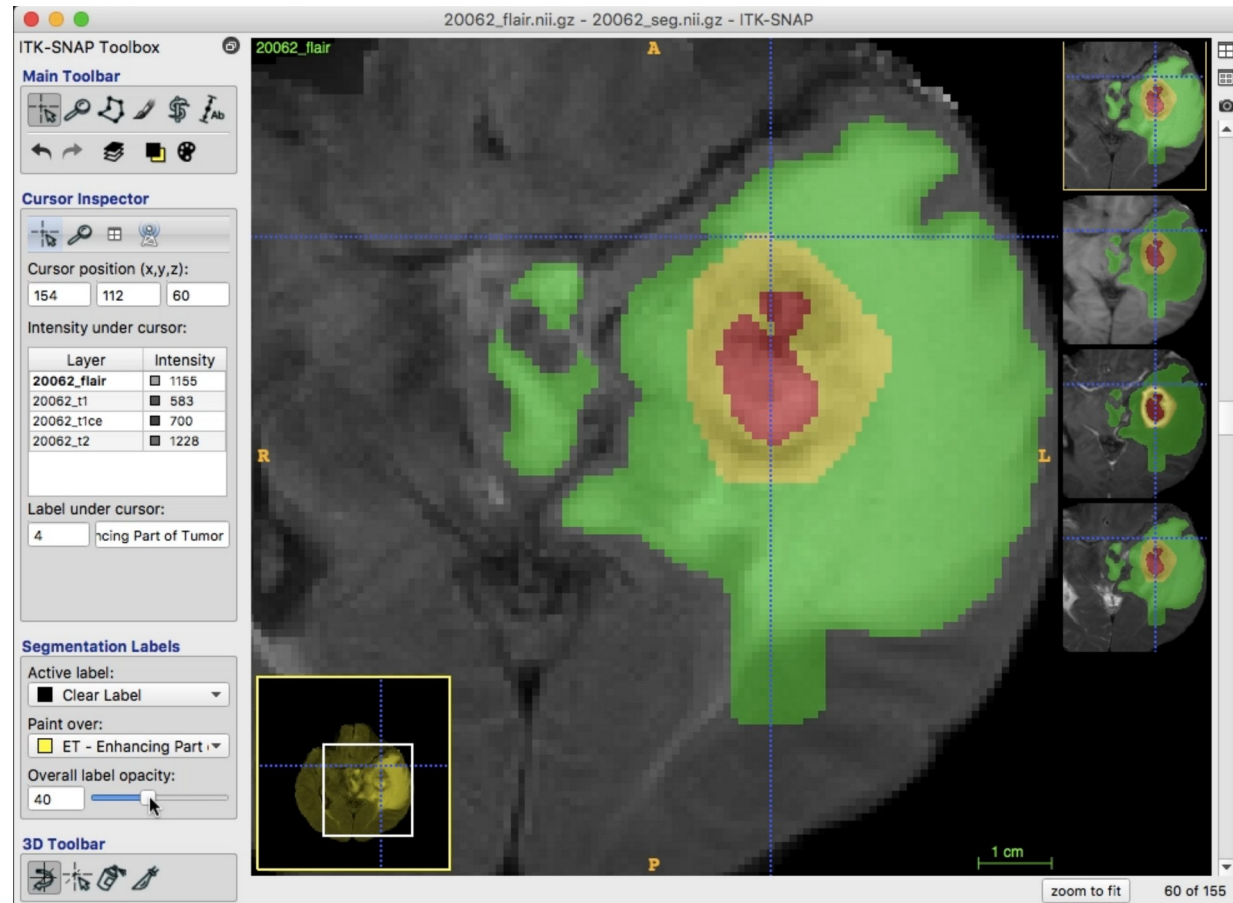
Over-segmented Edema shown in Green color



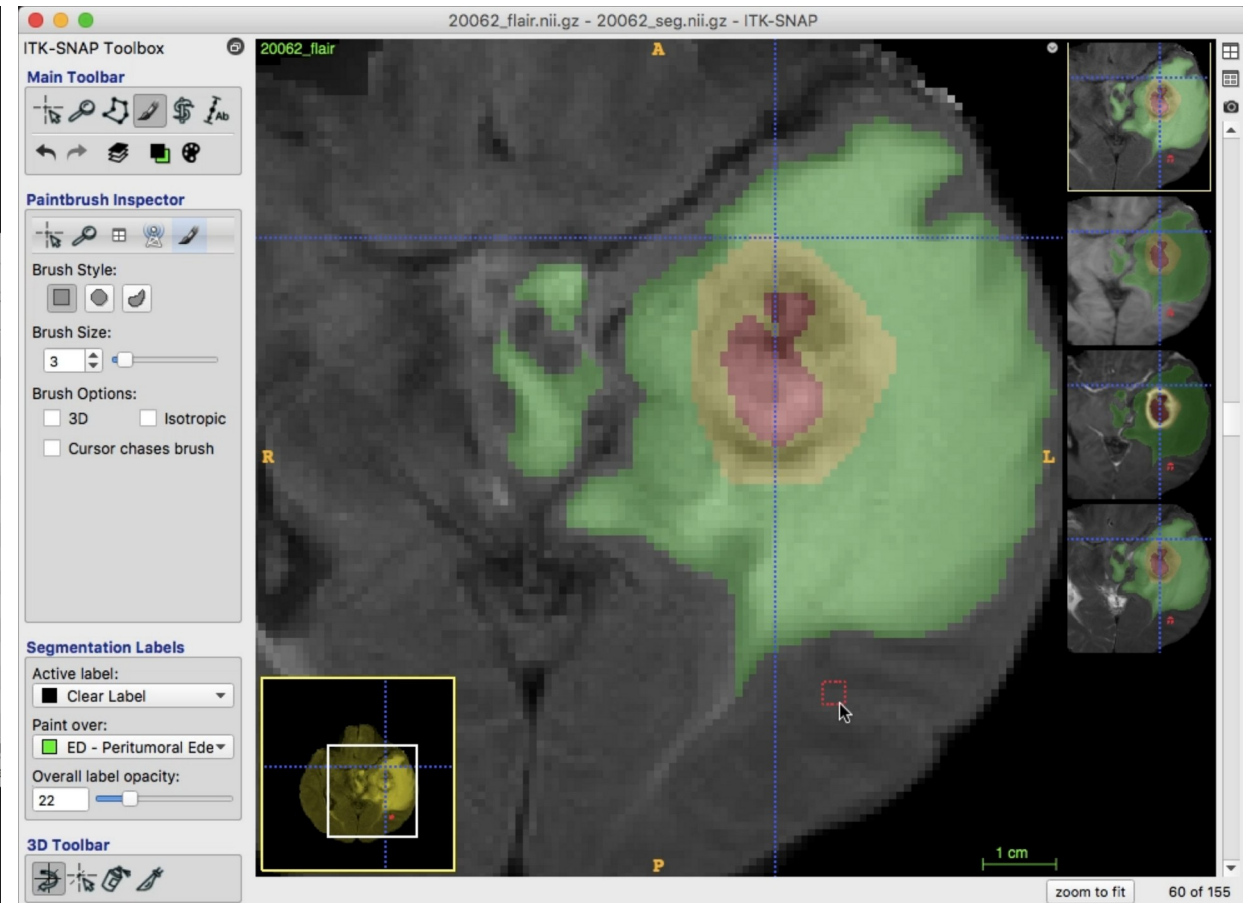
Original MRI image without label

Refining Labels with ITK-SNAP

Over-segmented edema region needs to be corrected



Before correction



After correction