

# HCP Subjects with Anatomical flags

## Part 2

These are HCP (Young Adult) subjects that have anomalies that were found during Structural QC. Most of these do not have visible manifestations in the structural surface data, but a few do.

It is possible that some of these anomalies cause issues in other modalities (i.e., diffusion, task or resting data), which have not been visually QC'ed in the same manner.

For each subject, there are two slides. The first contains the T1w and T2w slice that shows the anomaly most clearly in the subject's native scan space. The second slide shows the same location in MNINonLinear space after the HCP Structural Pipelines.

The volume parcellation displayed in some slides is the `aparc+aseg.nii.gz` file produced by FreeSurfer.

The files for the surface maps are:

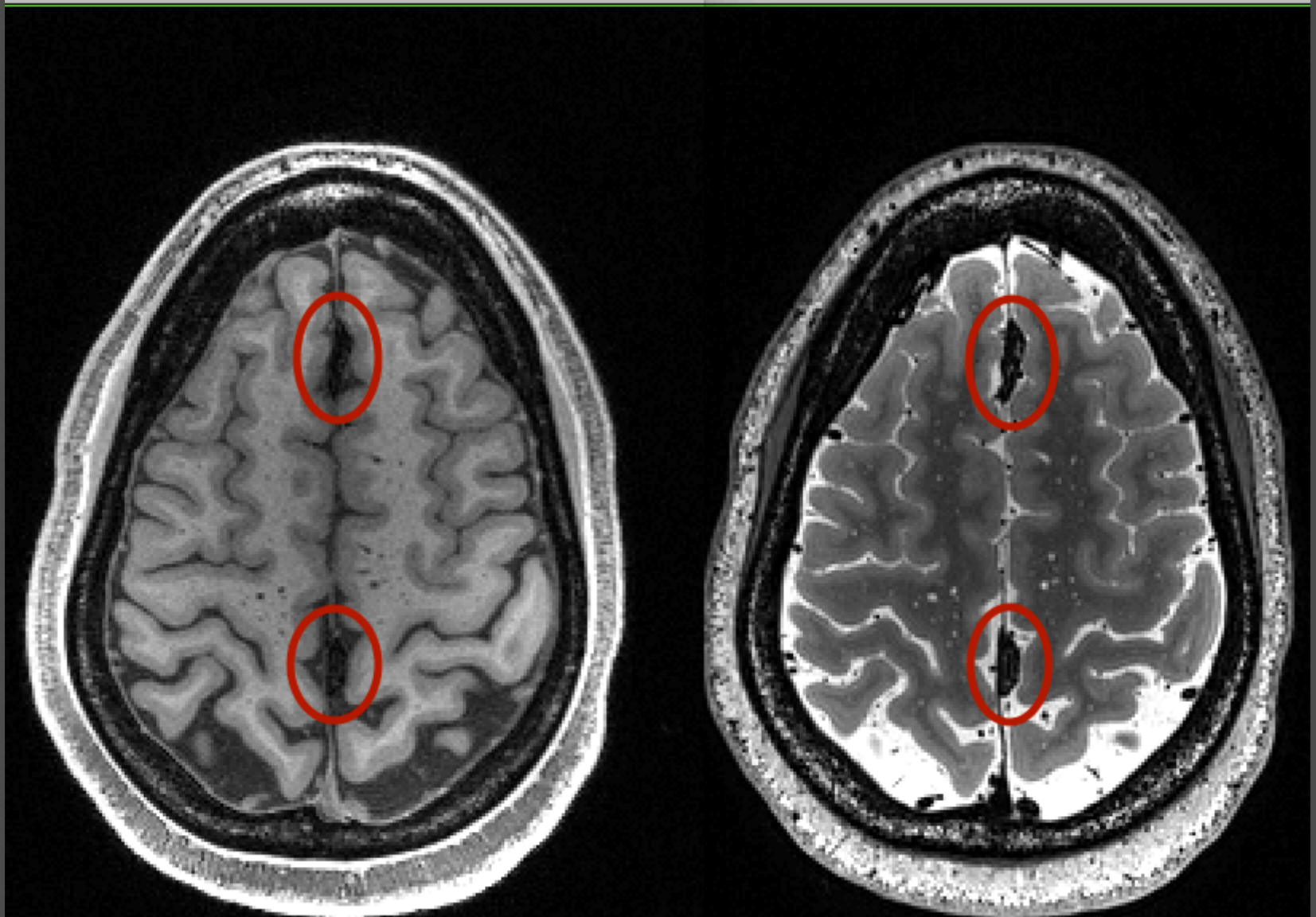
Sulcal map = {Subject}.sulc.164k\_fs\_LR.dscalar.nii

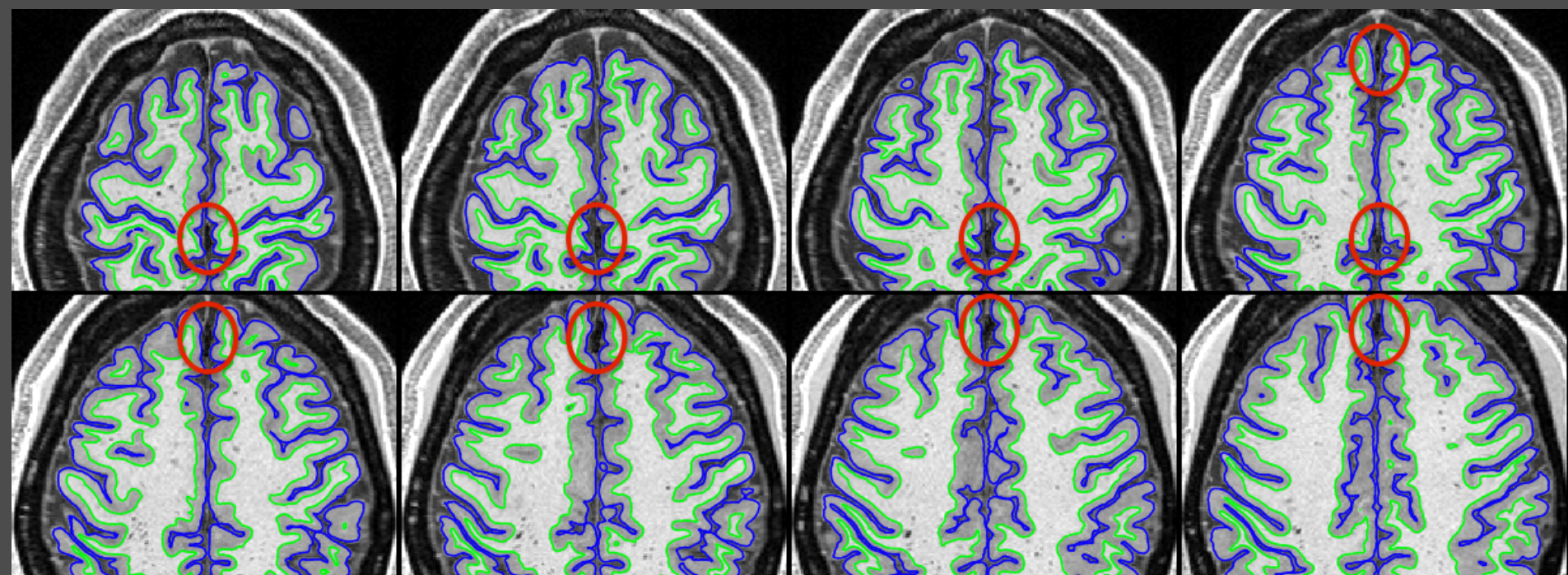
Areal Distortion map = {Subject}.ArealDistortion\_MSMSulc.164k\_fs\_LR.dscalar.nii

Myelin map = {Subject}.SmoothedMyelinMap\_BC.164k\_fs\_LR.dscalar.nii

# 180836 - Dorsal midline calcifications

180836\_strc:T1w:RAW:9 - DICOM\_DEFACED:Transverse (200%) | 180836\_strc:T2w:RAW:10 - DICOM\_DEFACED:Transverse (200%)

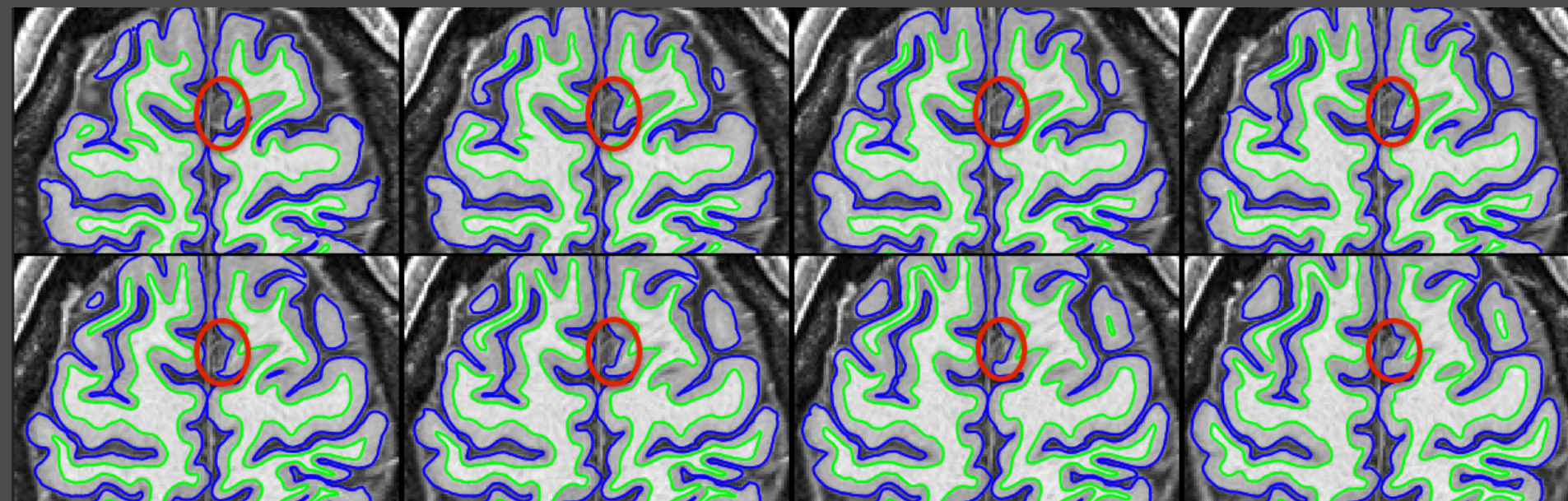




No surface effect

# 181131 - Small calcification dorsal midline

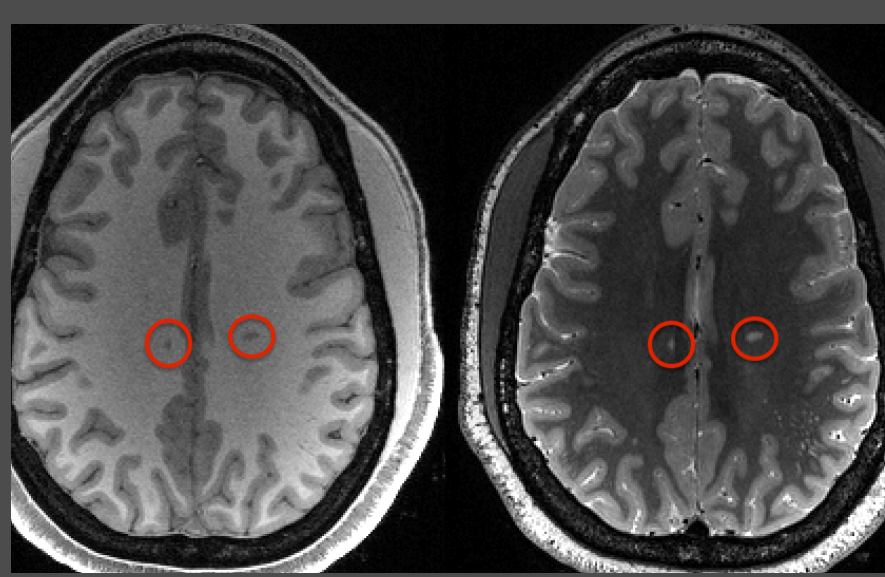
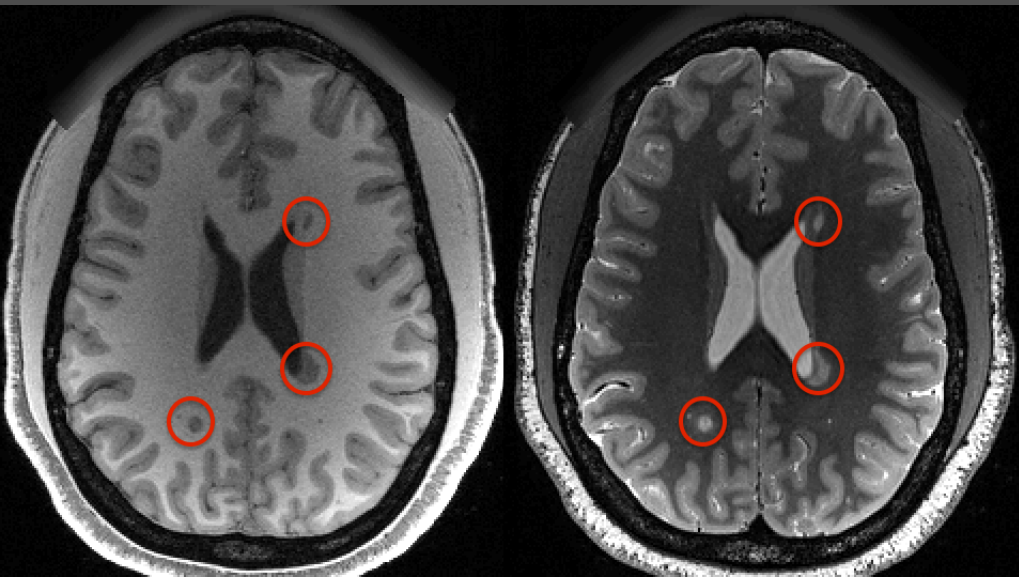
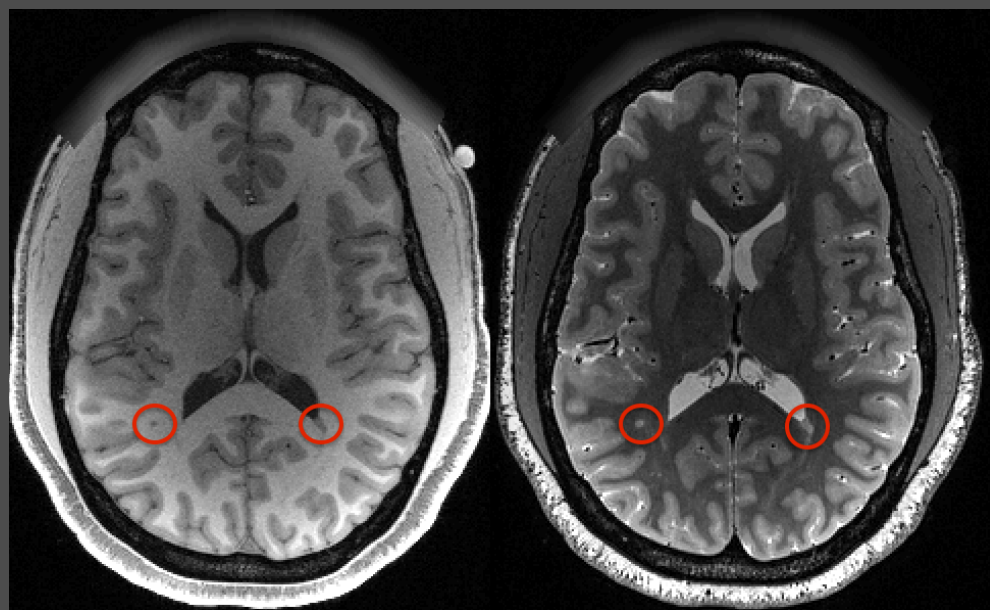
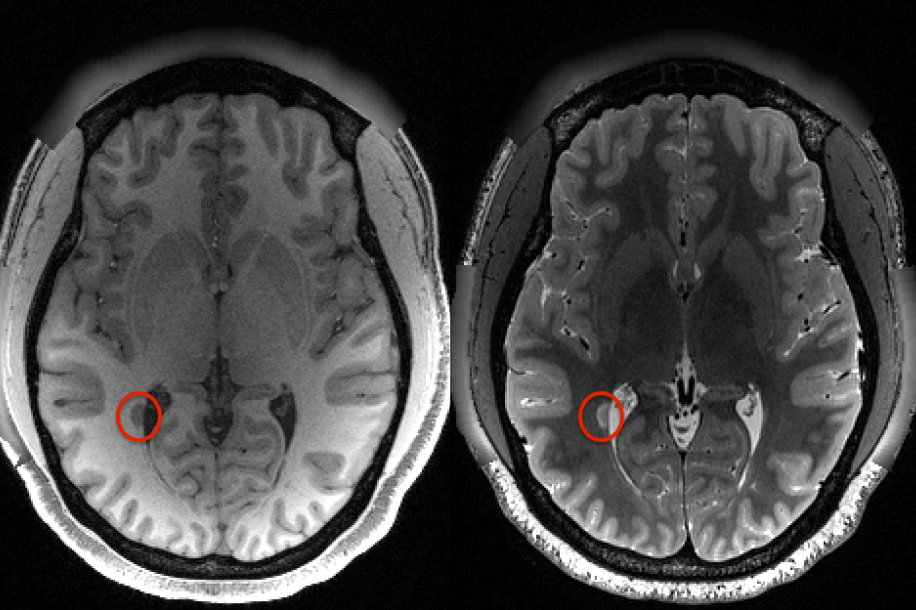


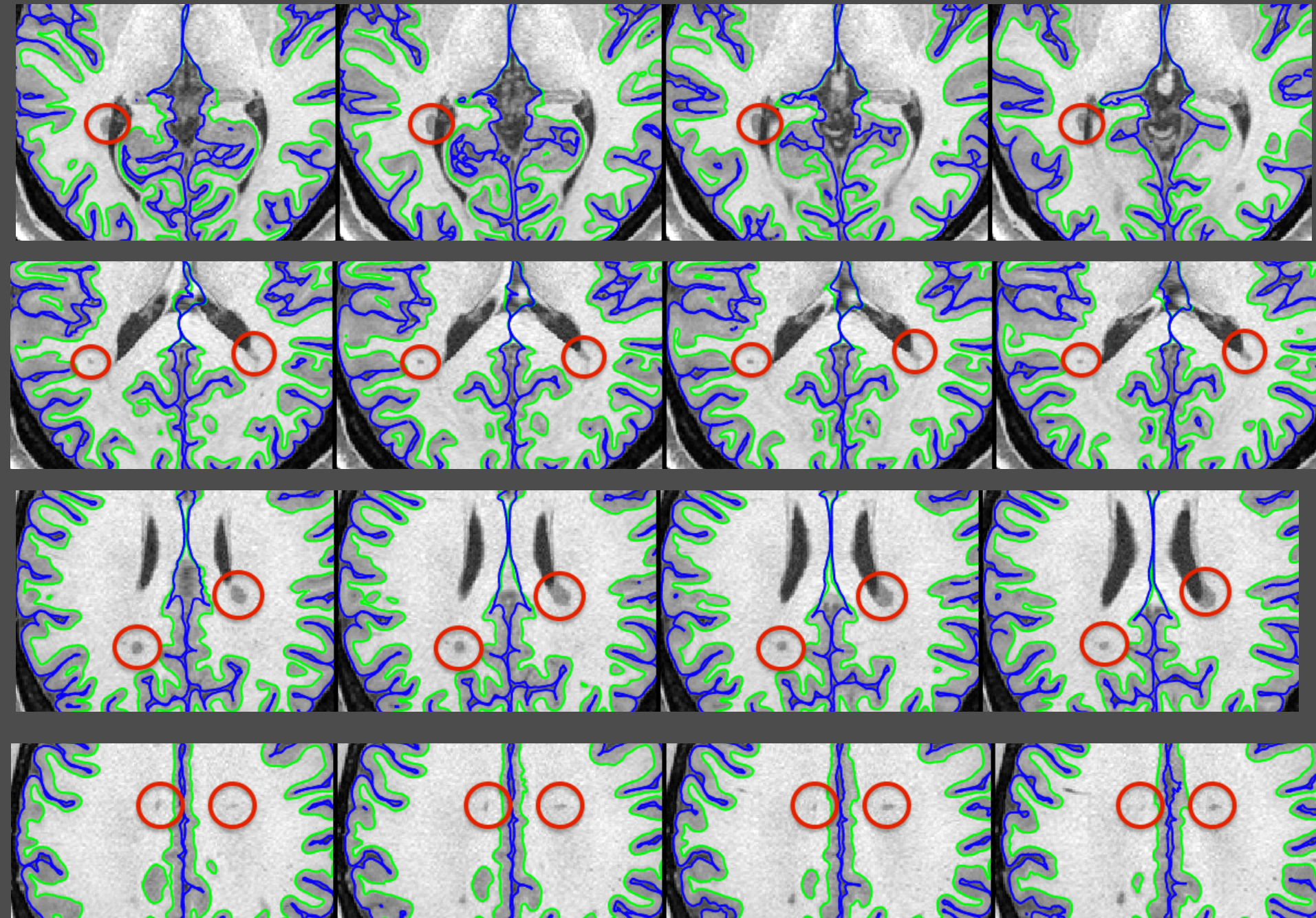


No surface effect

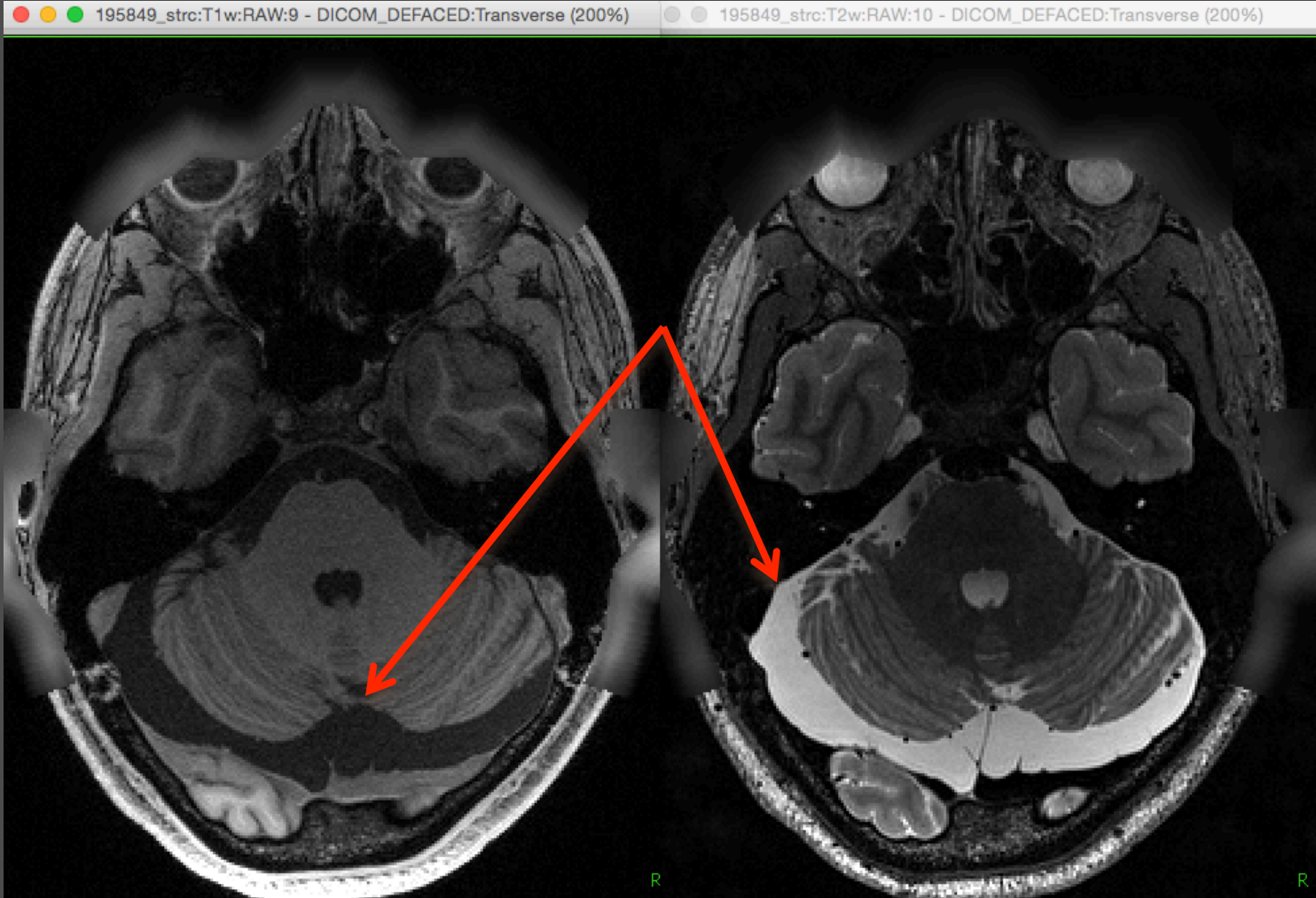
# 190132 - Posterior peri-ventricular white matter atypicalities

190132\_strc:T1w:RAW:9 - DICOM\_DEFACED:Transverse (200%) 190132\_strc:T2w:RAW:10 - DICOM\_DEFACED:Transverse (200%)



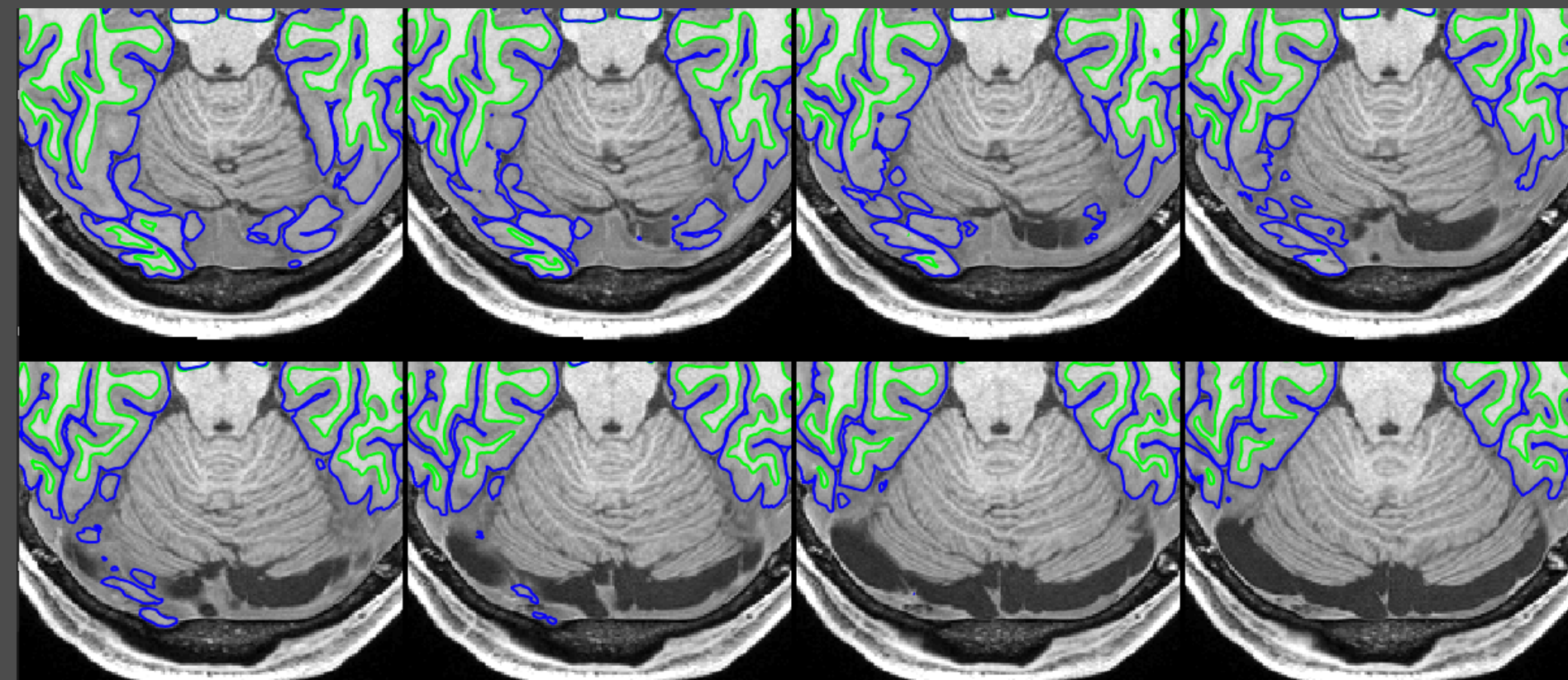


# 195849 - Large posterior fossa arachnoid cyst



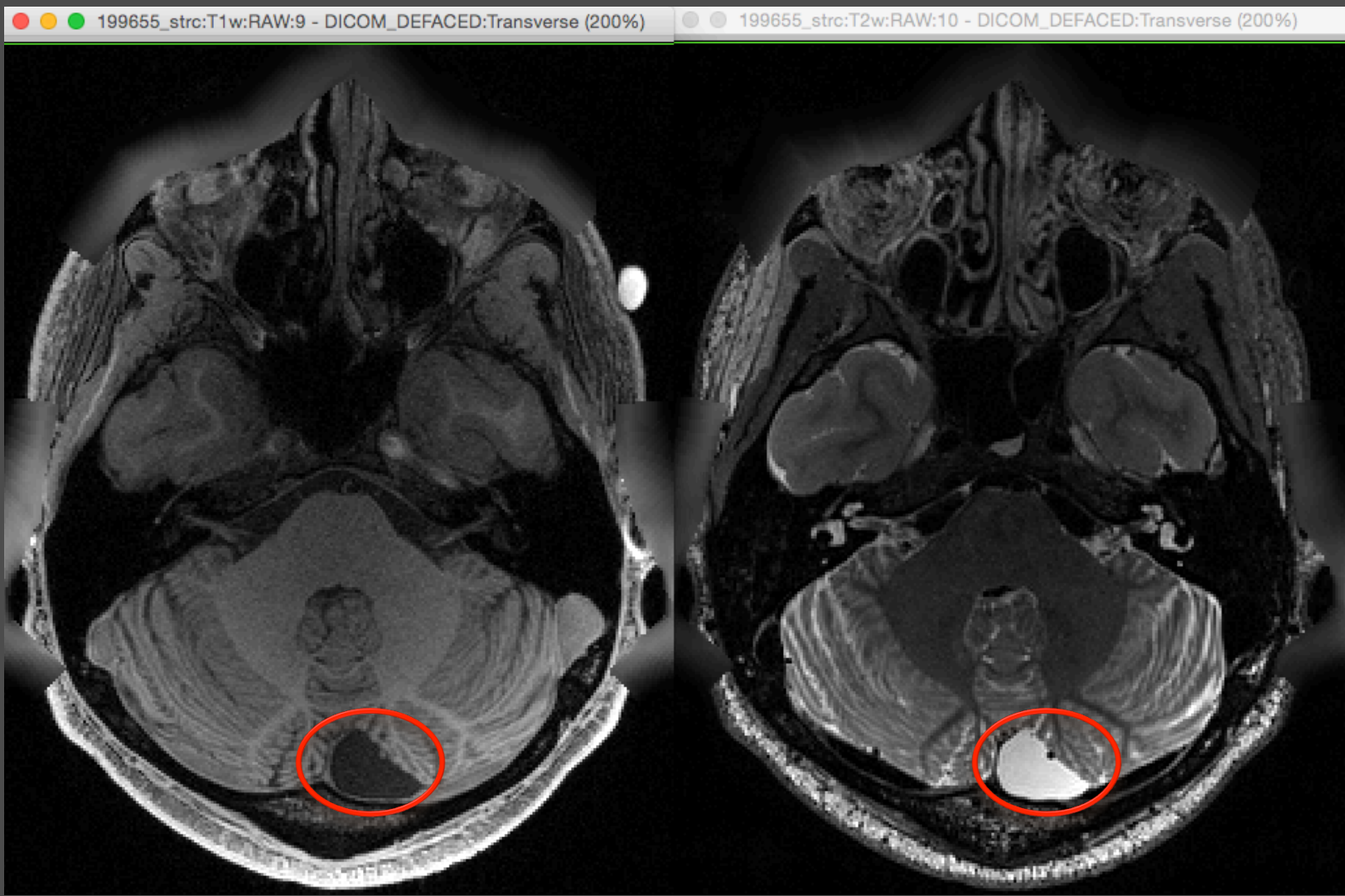


195849 - 500 release

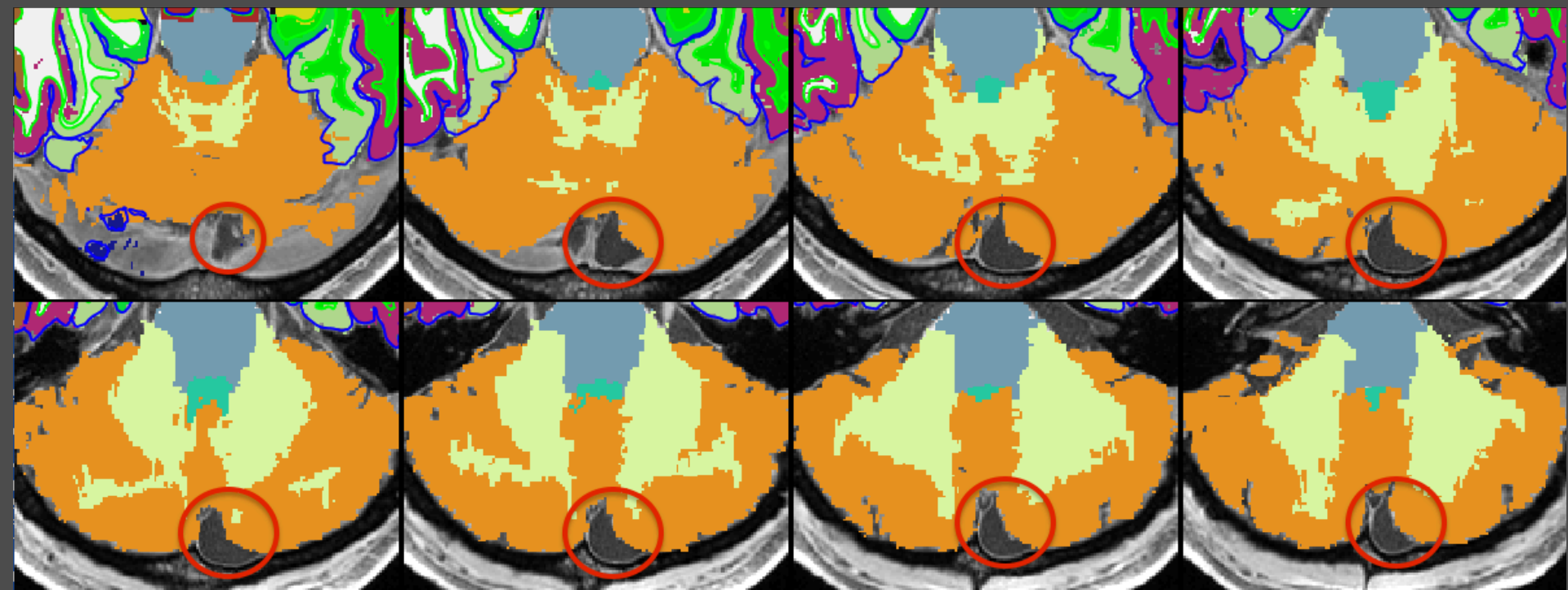


No surface effect

# 199655 - Posterior fossa arachnoid cyst



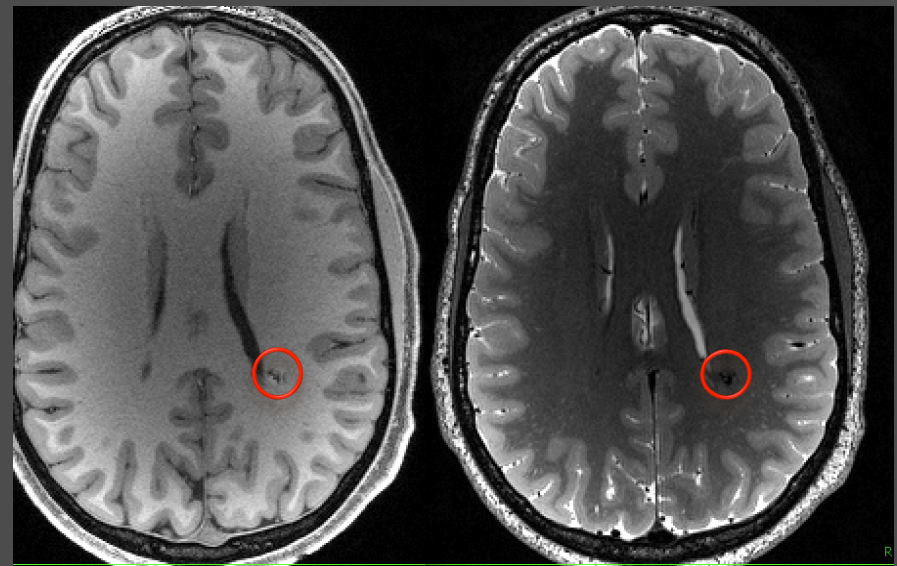
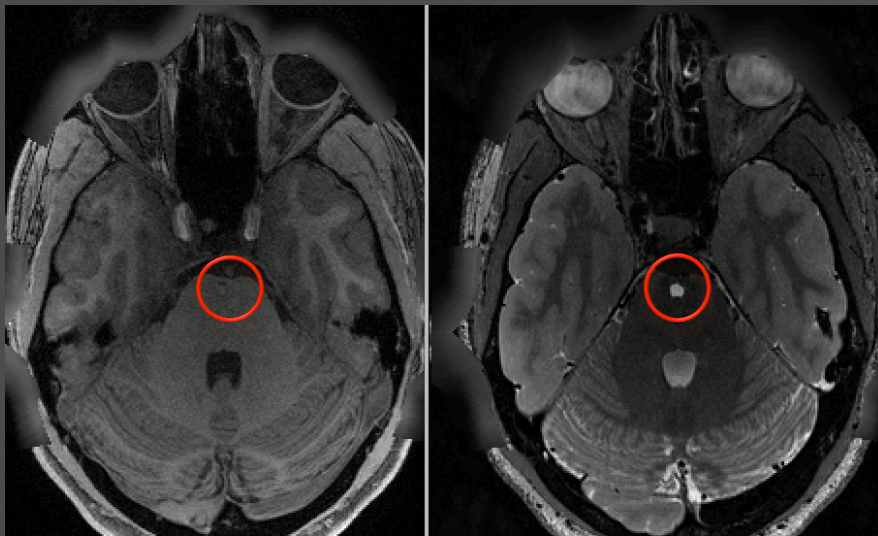
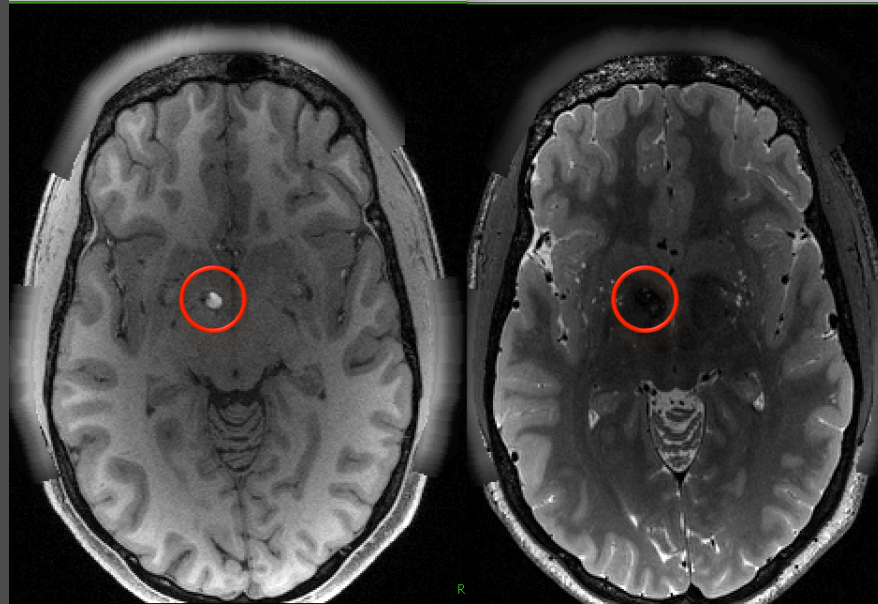
199655 - 500 release



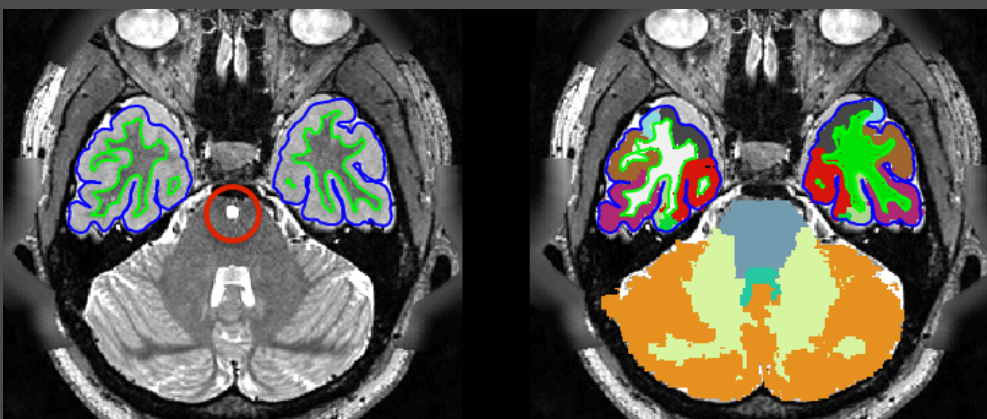
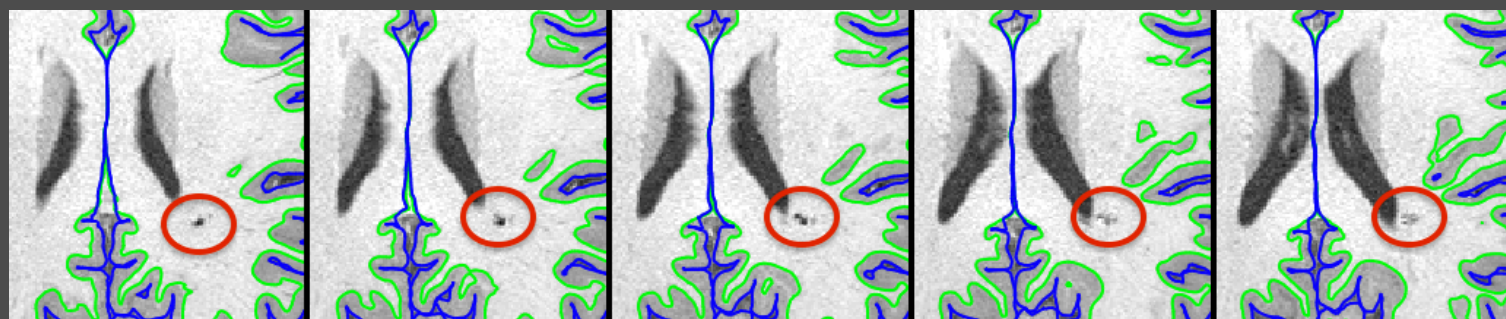
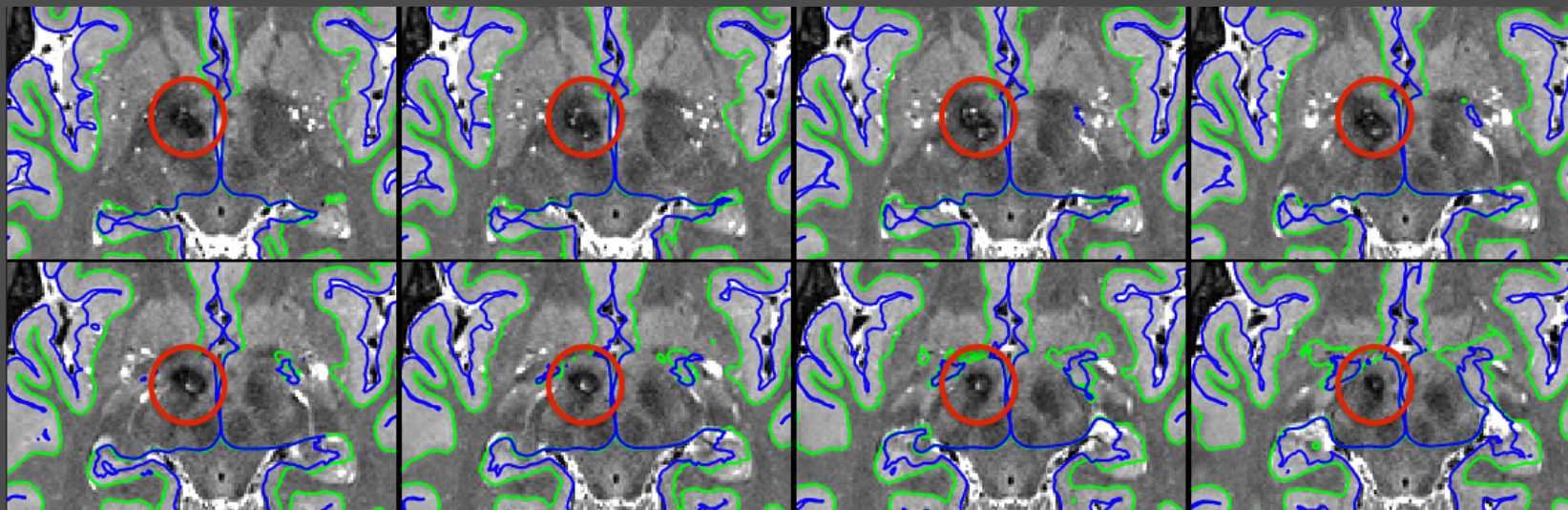
No surface effect

# 200210 - Small cavernomas

200210\_strc:T1w:RAW:11 - DICOM\_DEFACED:Transverse (200%)    200210\_strc:T2w:RAW:13 - DICOM\_DEFACED:Transverse (200%)

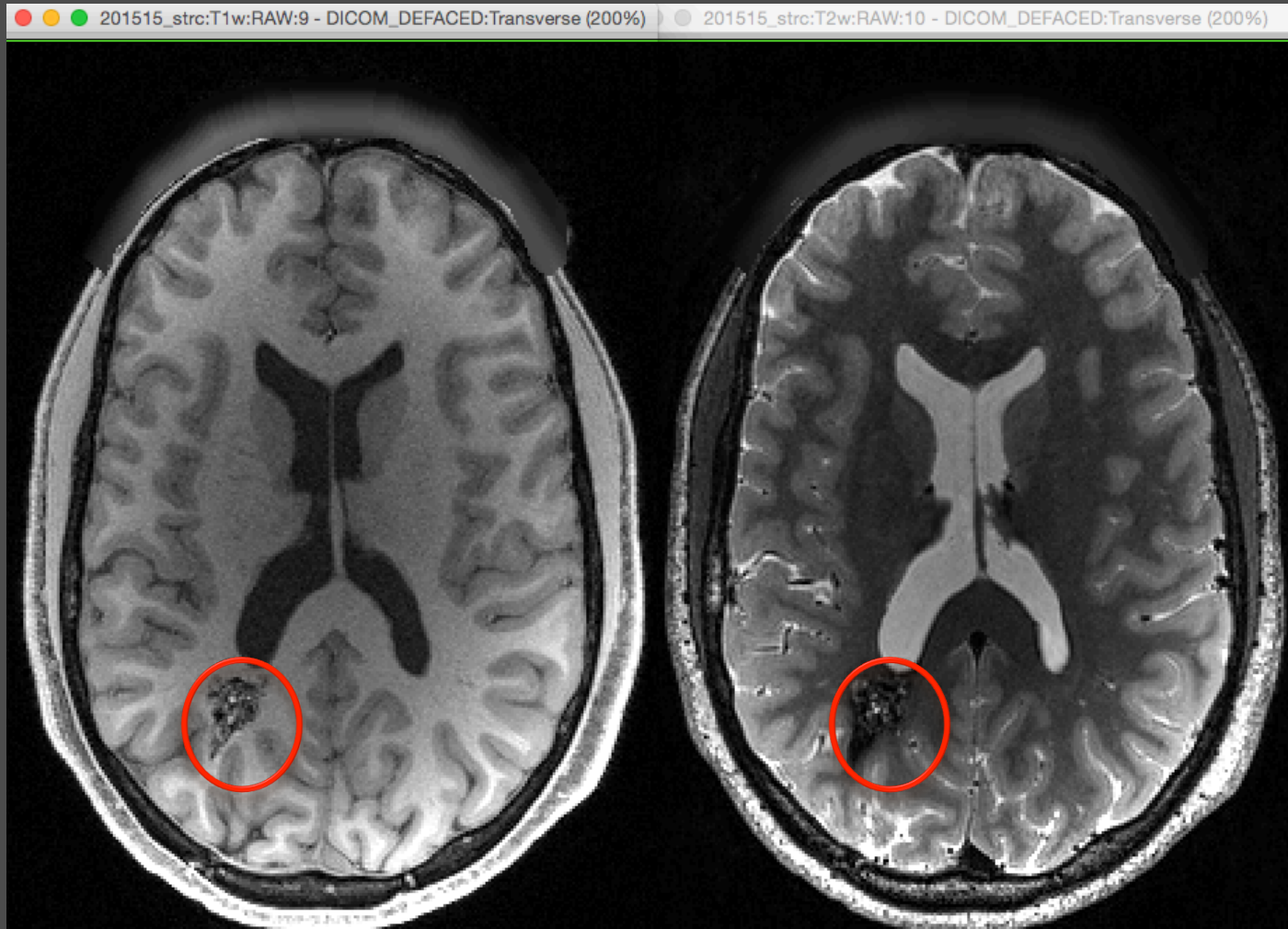


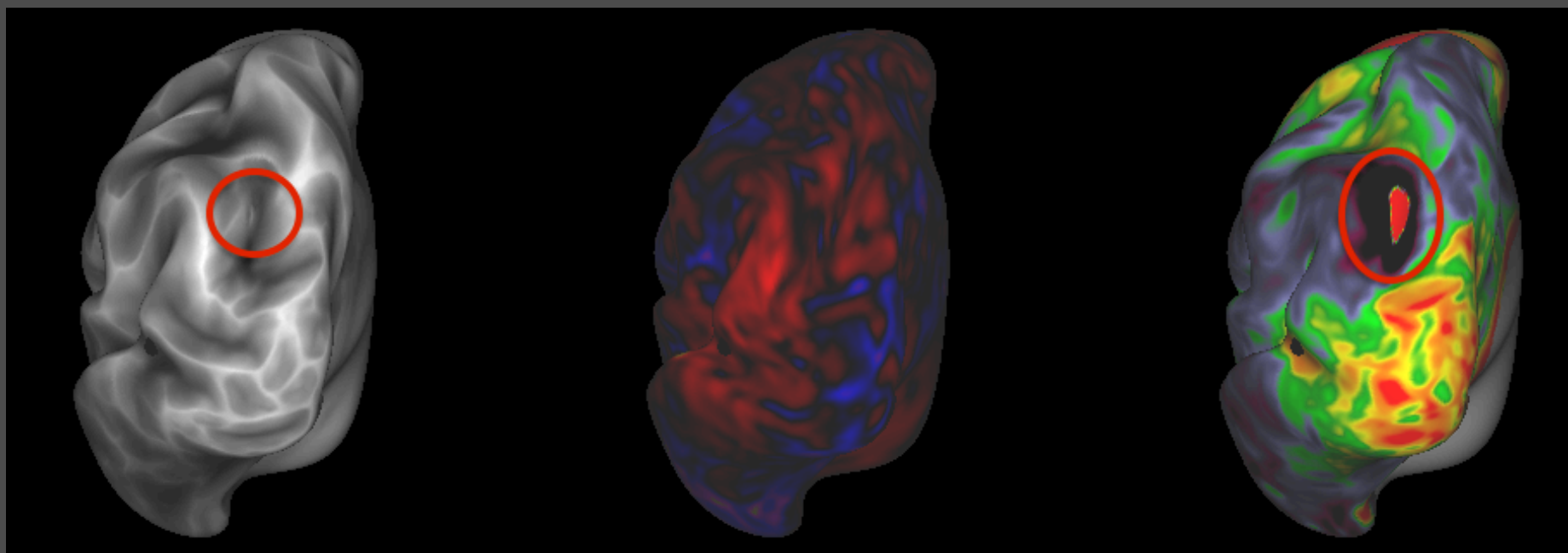
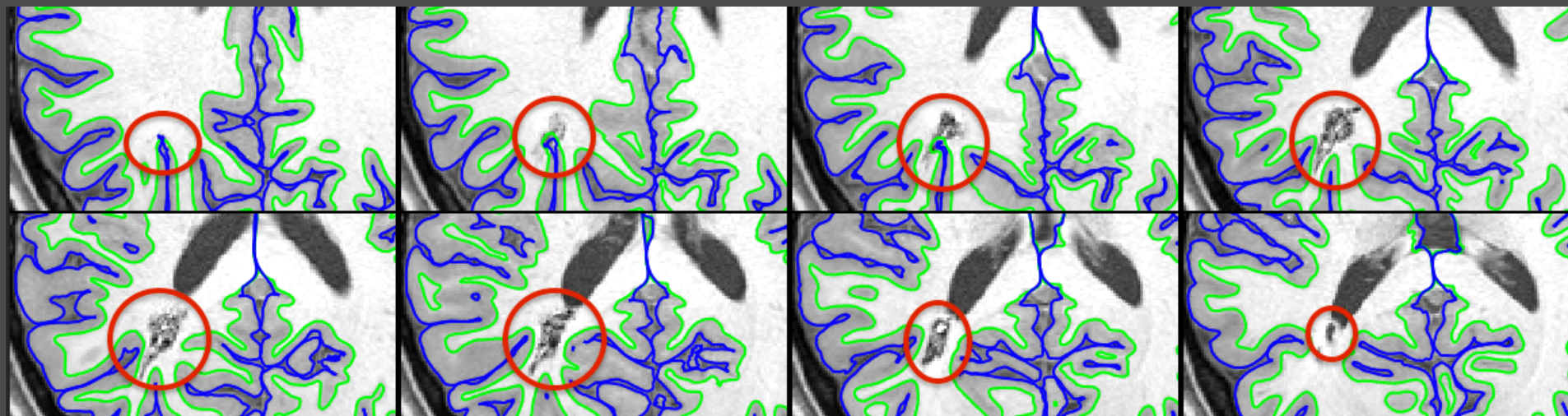
200210 - 900 release



No surface effect

# 201515 - Cavernoma left occipital lobe

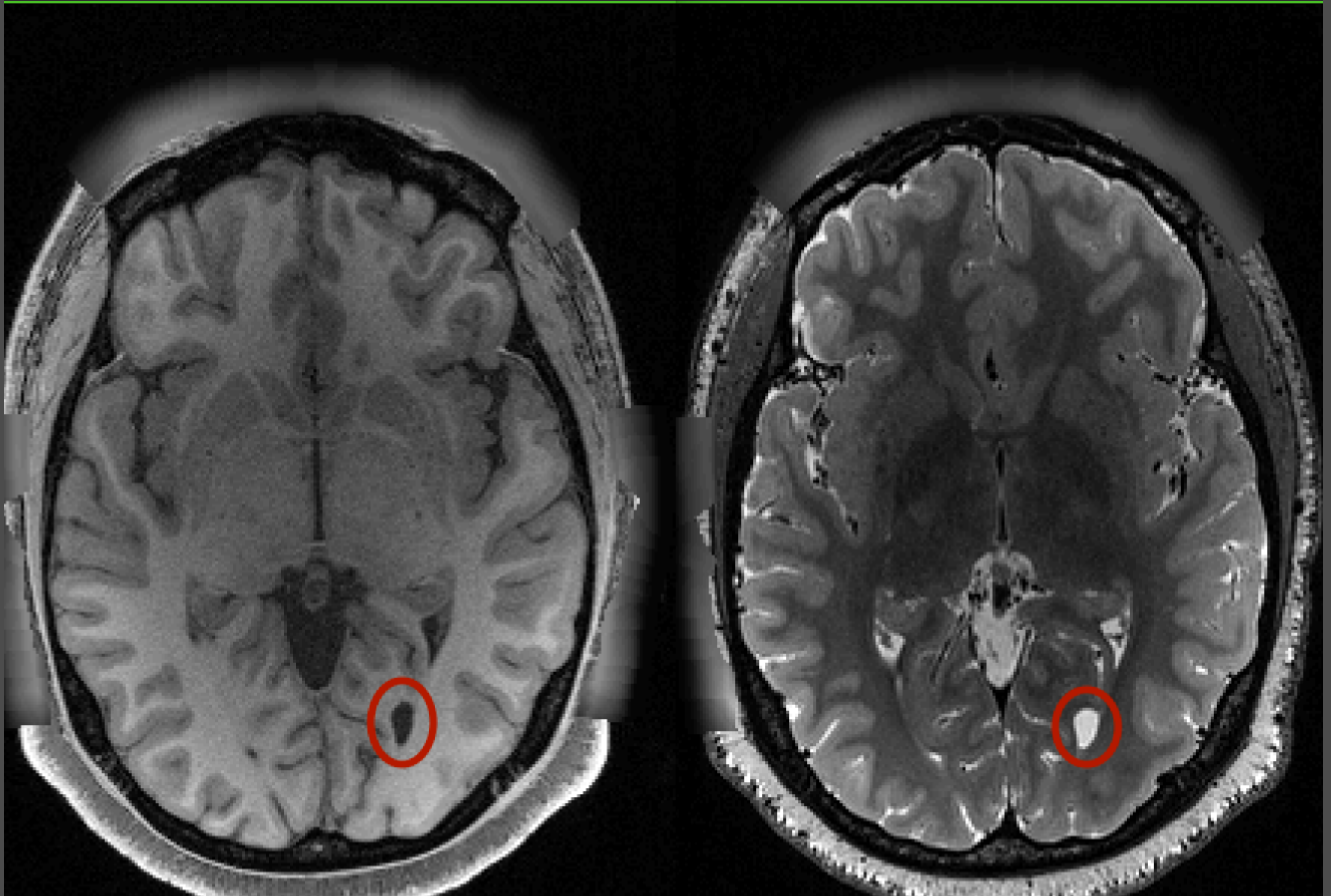




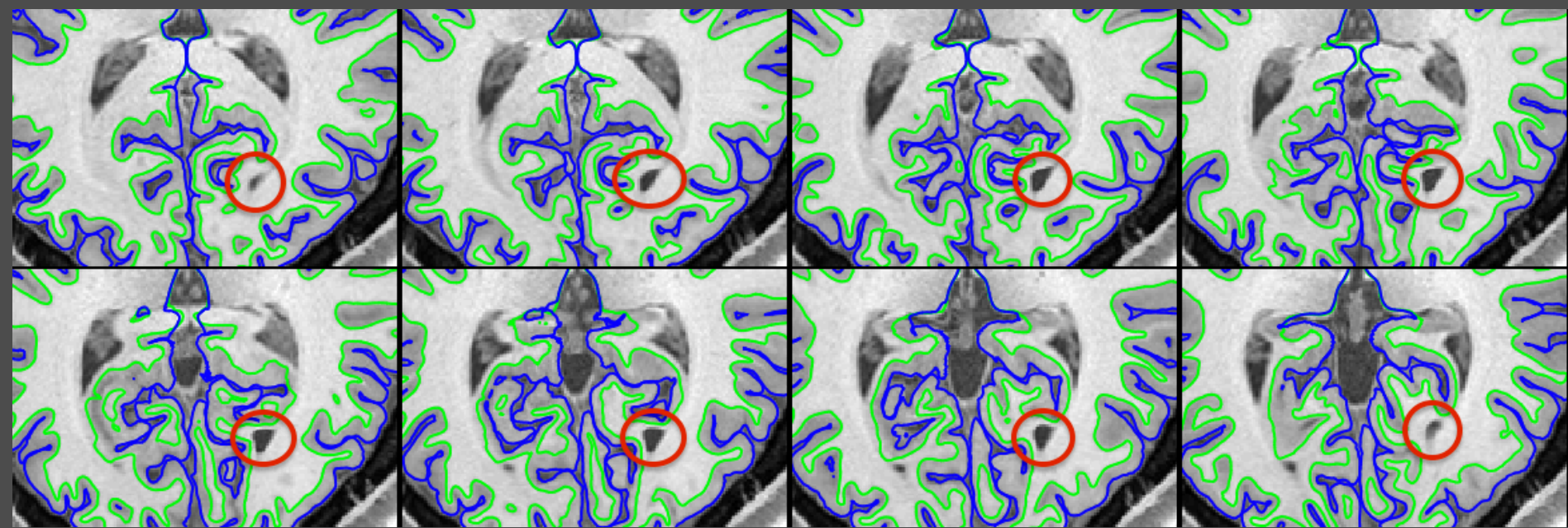
# 224022 - Small cyst or extension of the occipital horn of the right lateral ventricle

224022\_strc:T1w:RAW:11 - DICOM\_DEFACED:Transverse (200%)

224022\_strc:T2w:RAW:12 - DICOM\_DEFACED:Transverse (200%)







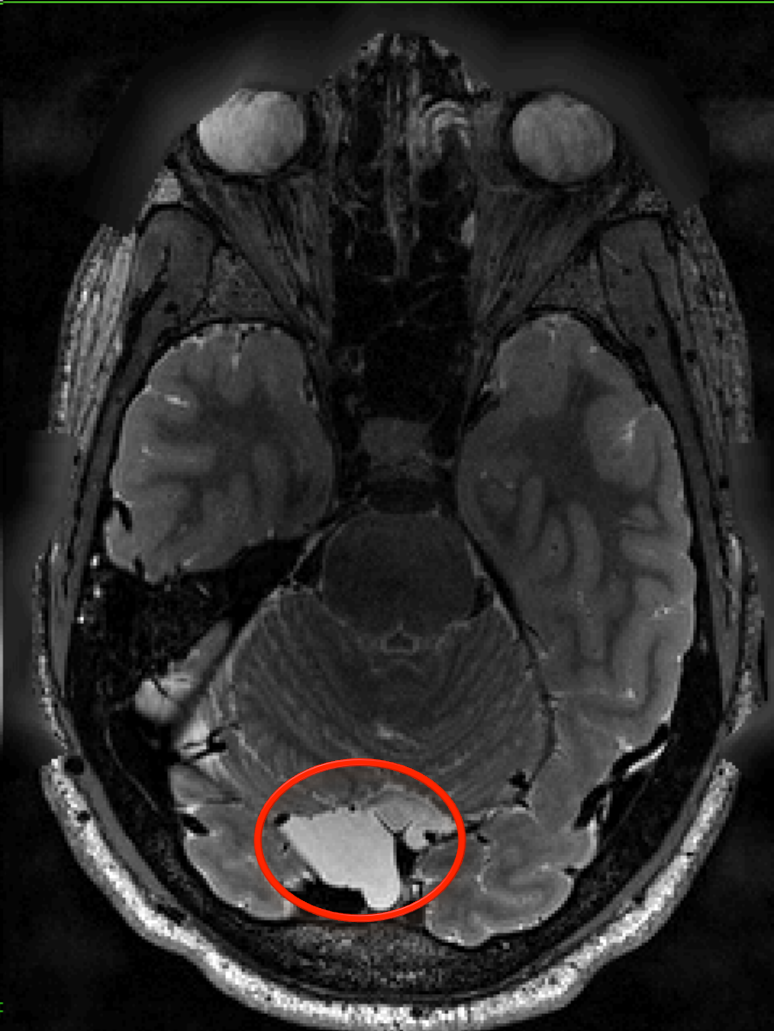
No surface effect

# 270332 - Posterior fossa arachnoid cyst

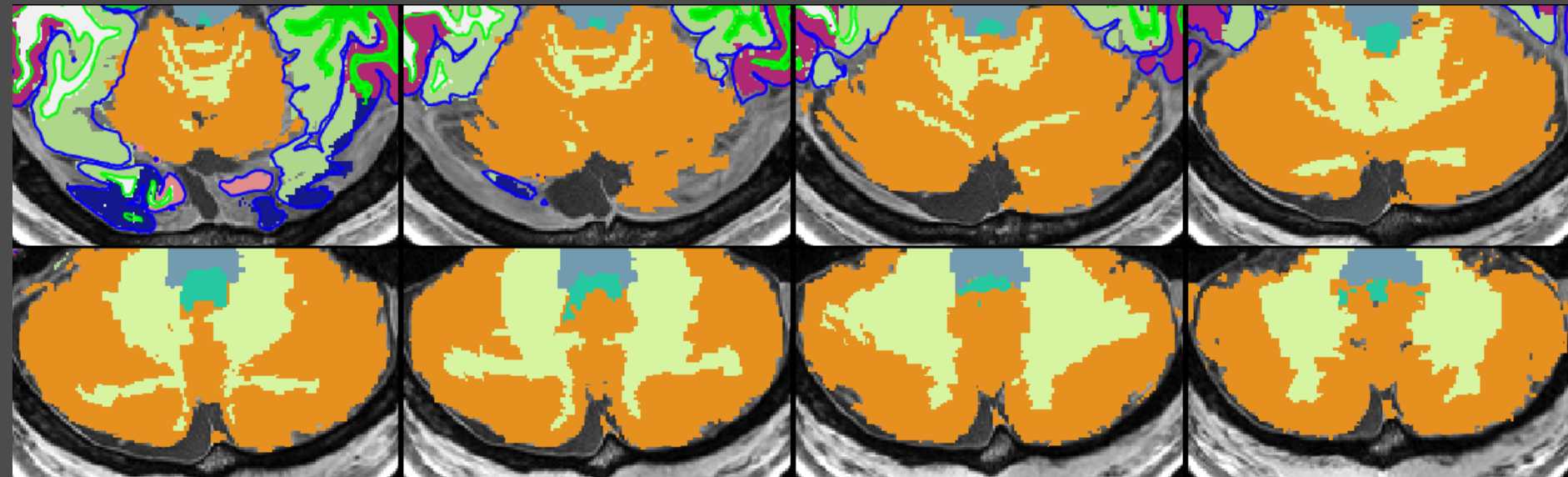
270332\_strc:T1w:RAW:9 - DICOM\_DEFACED:Transverse (200%)



270332\_strc:T2w:RAW:10 - DICOM\_DEFACED:Transverse (200%)

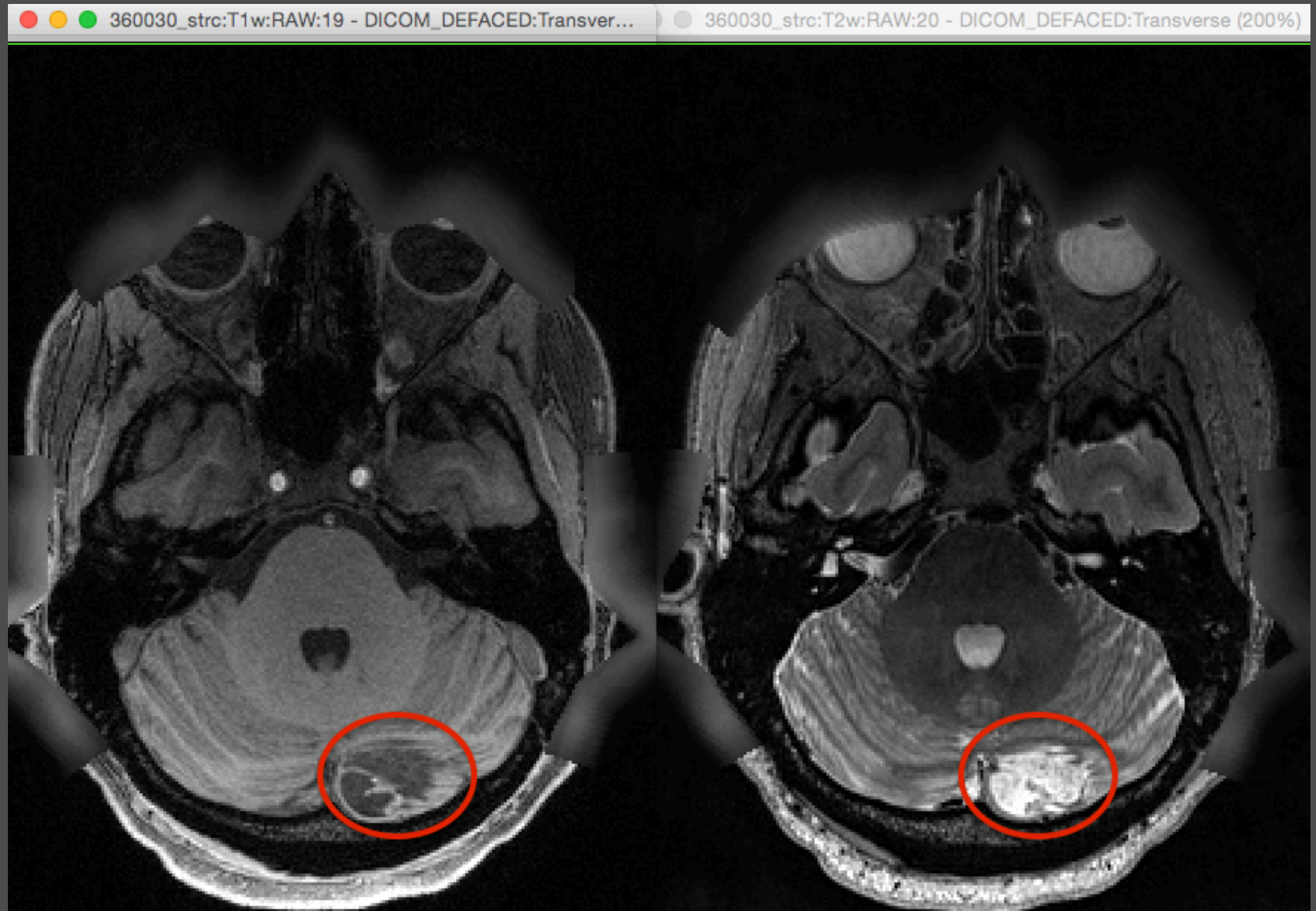


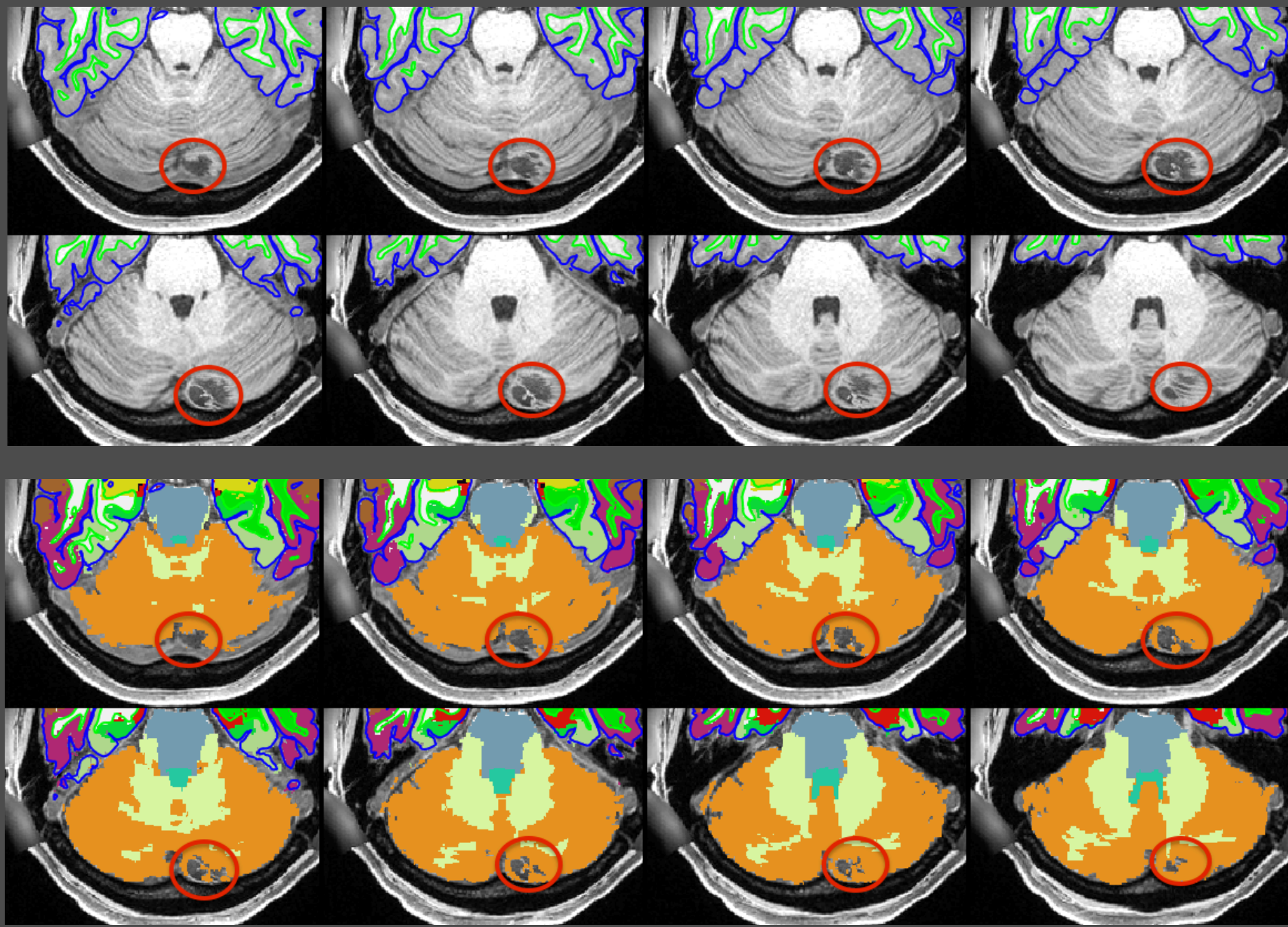
270332 - 900 release



No surface effect

# 360030 – Posterior right cerebellum lesion

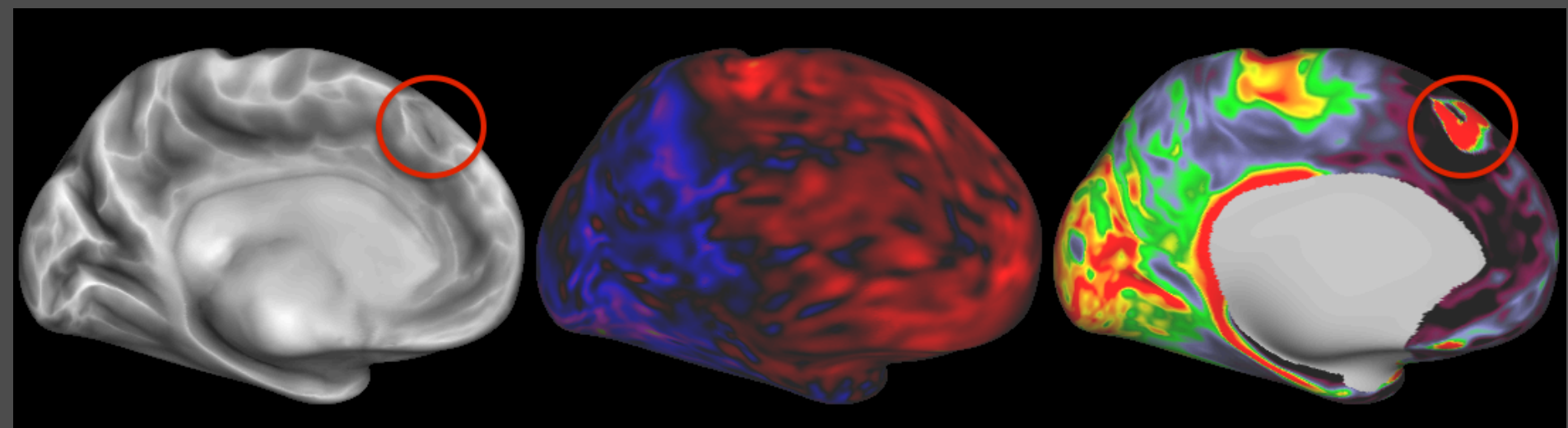
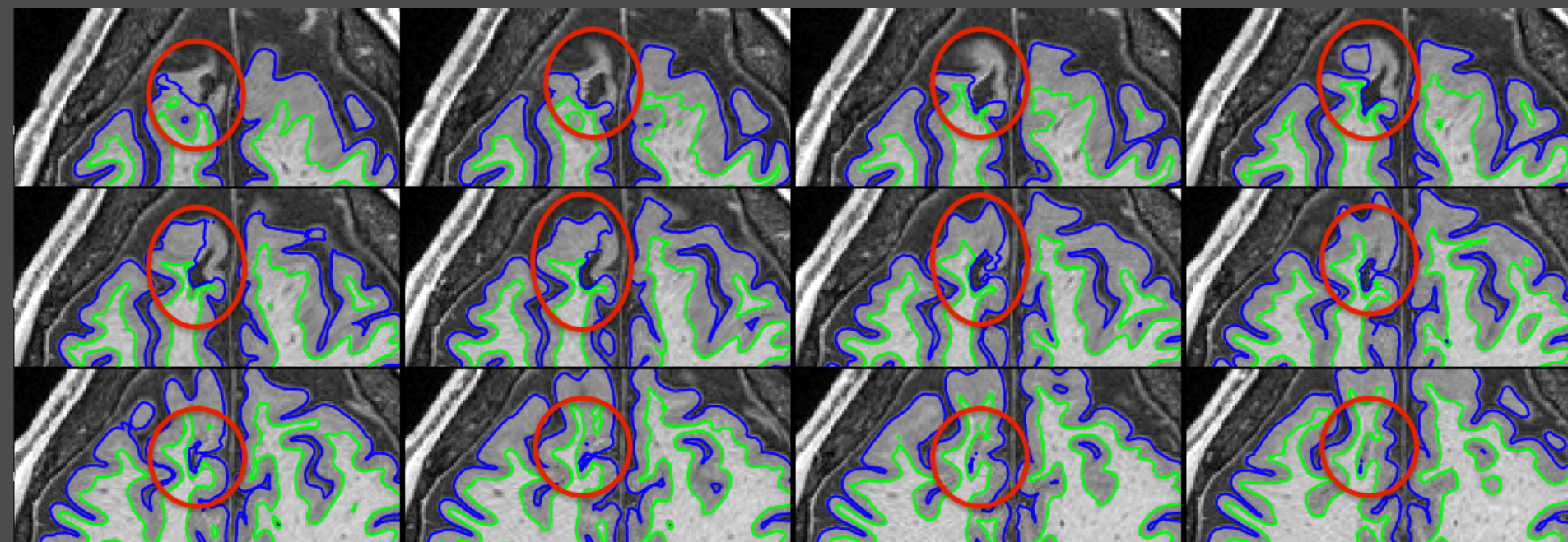




# 433839 - Small lacuna left frontal lobe



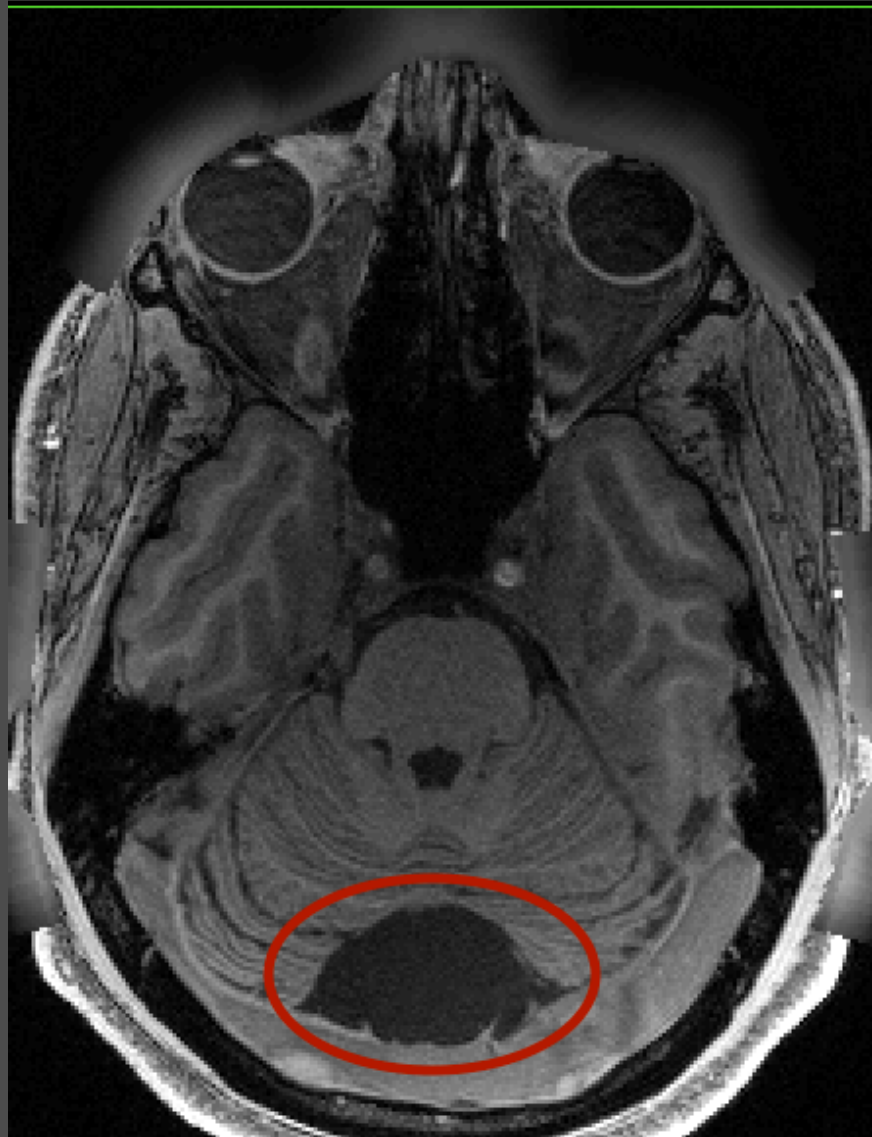
433839 - 500 release - Retest subject



# 461743 – Posterior fossa arachnoid cyst/mega cisterna magna

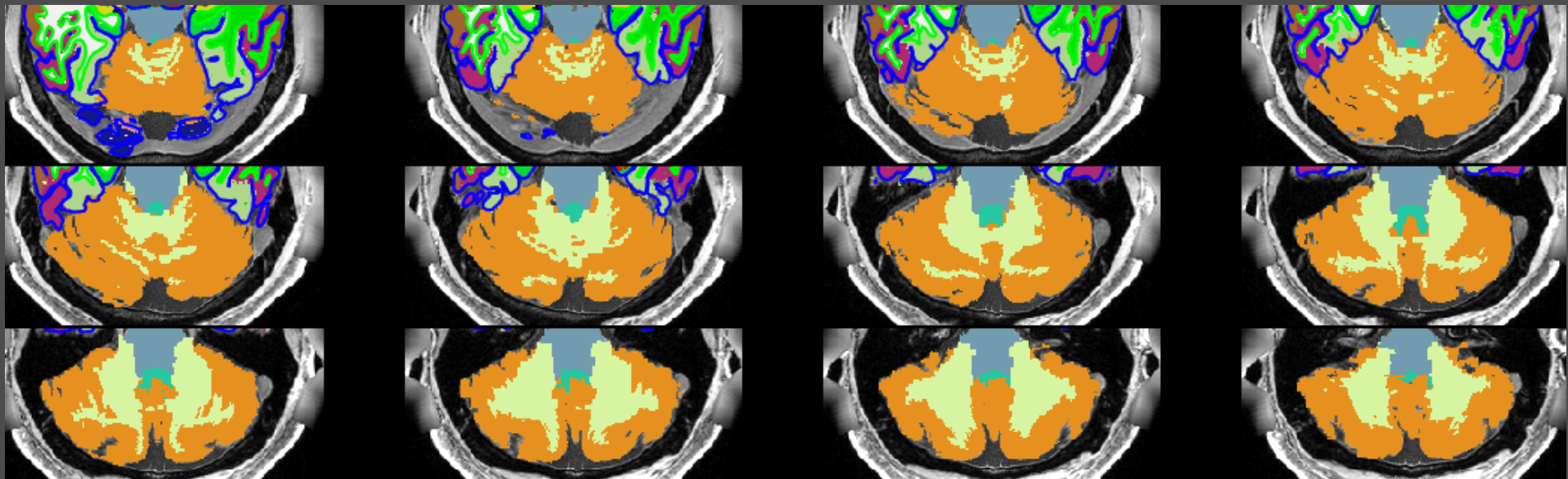
461743\_strc:T1w:RAW:9 - DICOM\_DEFACED:Transverse (200%)

461743\_strc:T2w:RAW:10 - DICOM\_DEFACED:Transverse (200%)

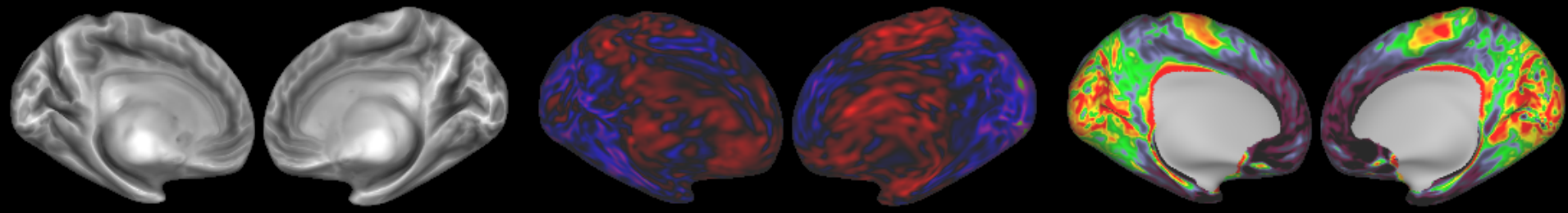




461743 - 1200 release

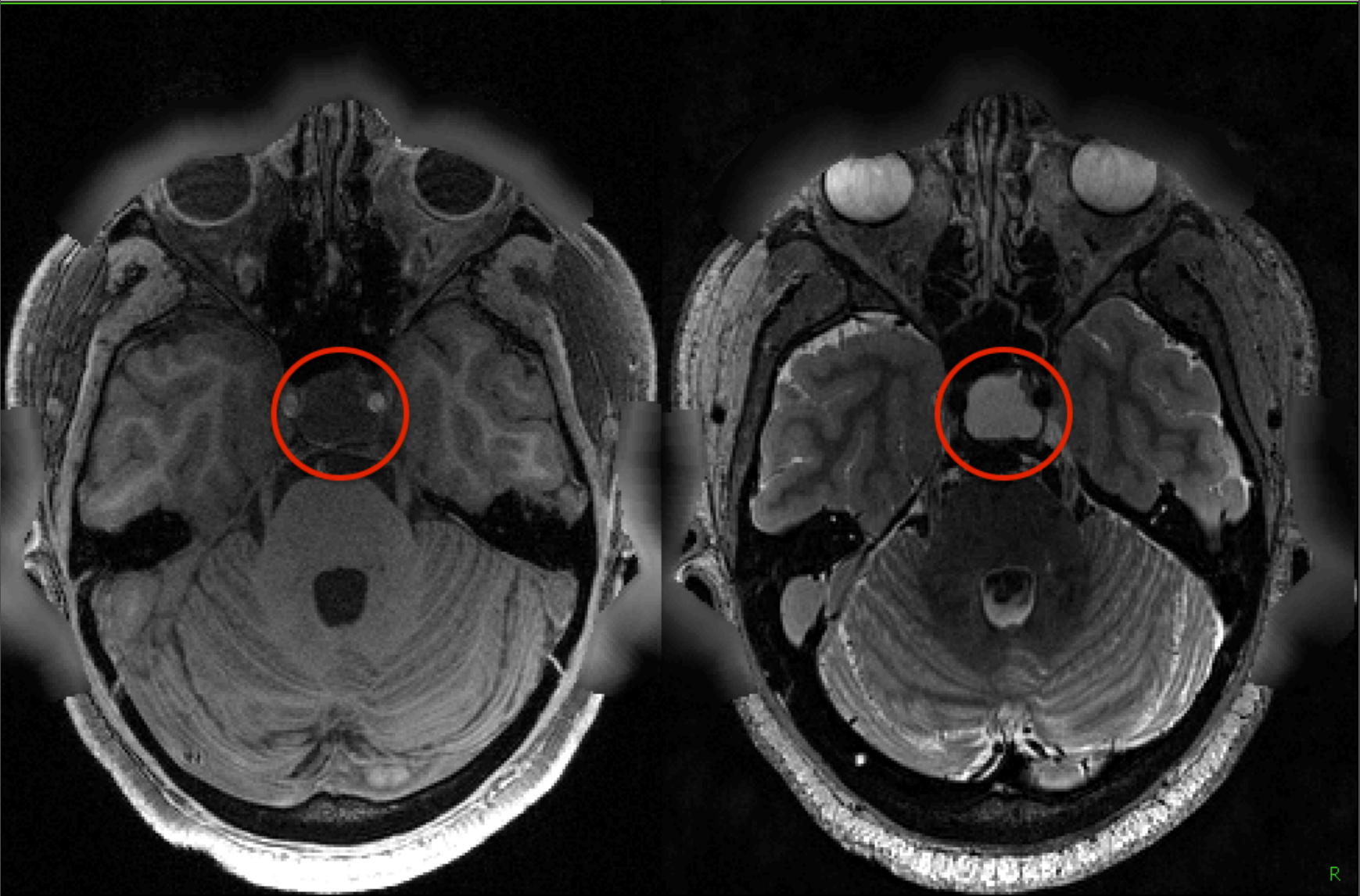


No map effect

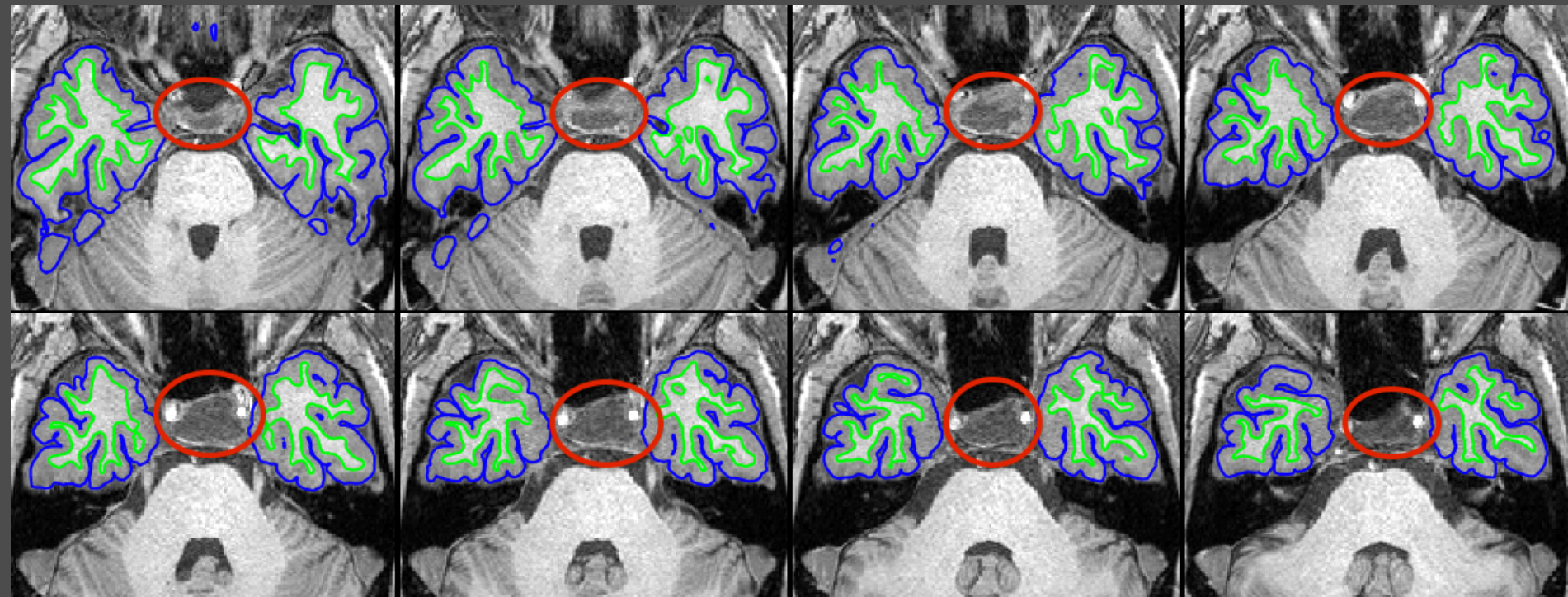


518746 - Expanded sella with enlarged and cystic pituitary gland

518746\_strc:T1w:RAW:11 - DICOM\_DEFACED:Transverse (200%) | 518746\_strc:T2w:RAW:10 - DICOM\_DEFACED:Transverse (200%)

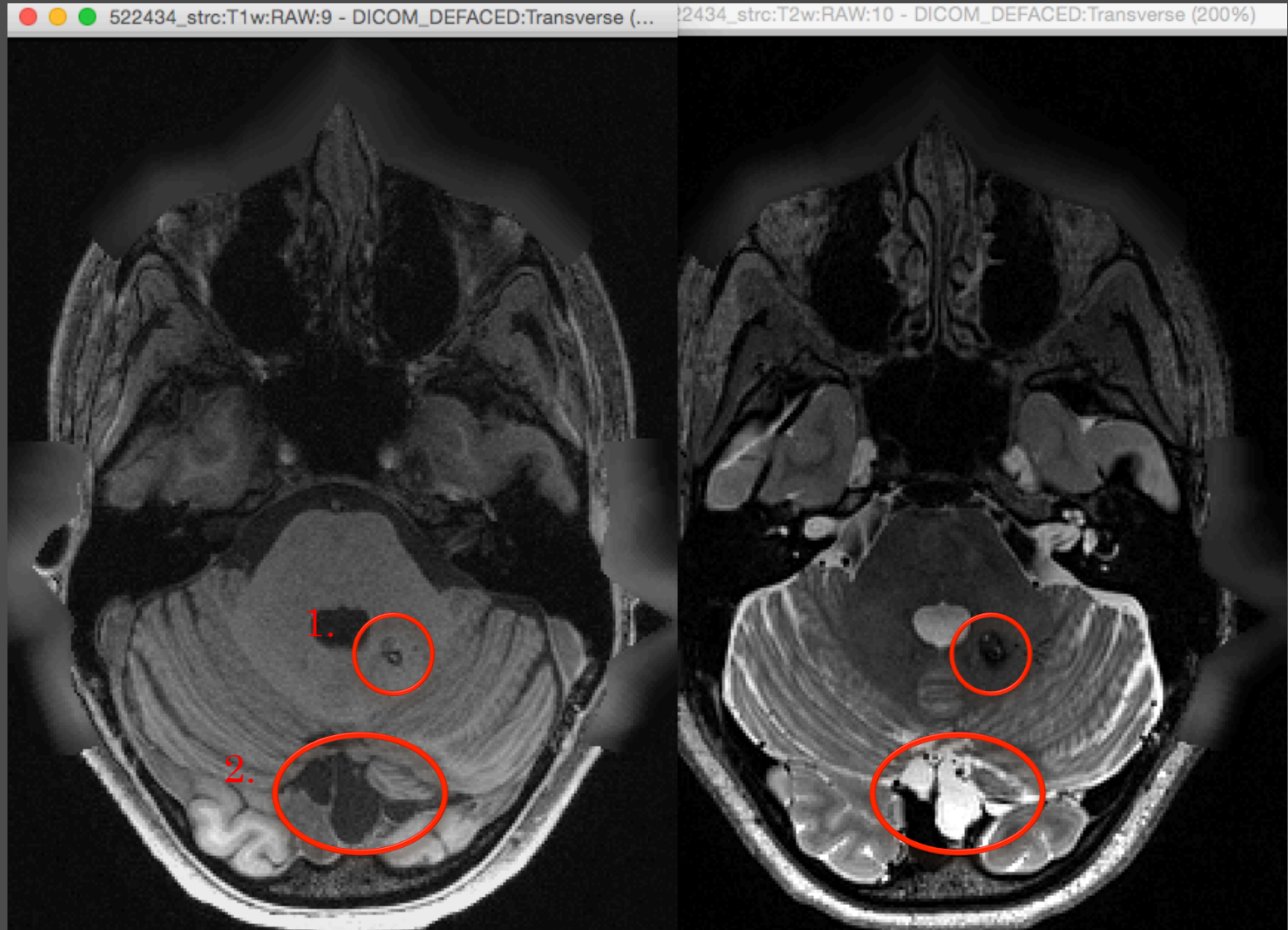


518746 - 1200 release

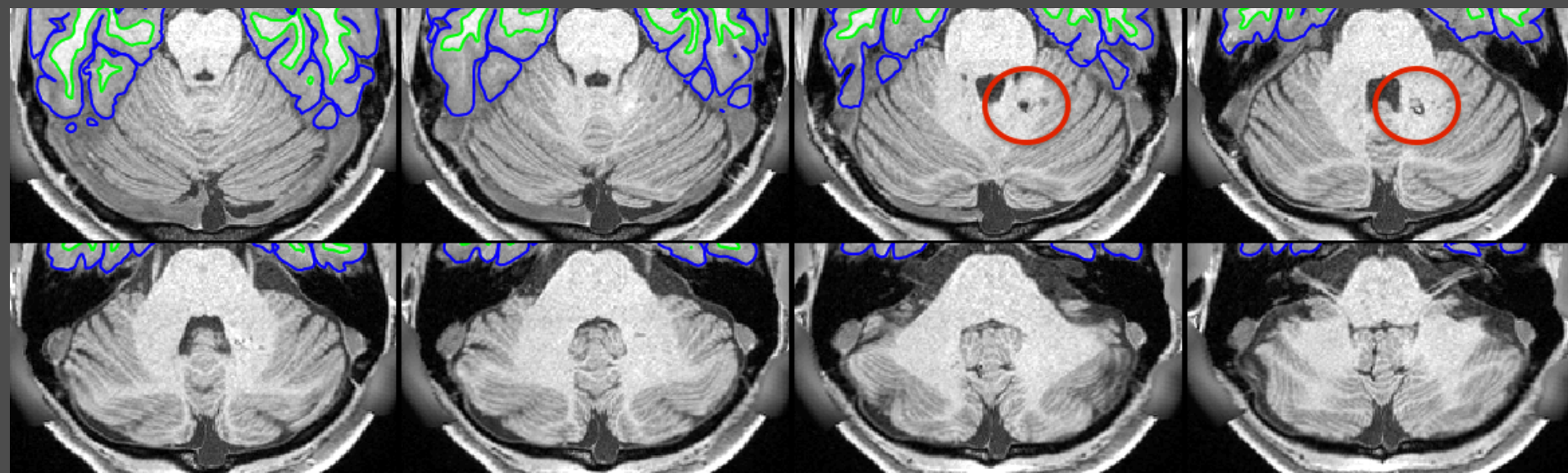


No surface effect

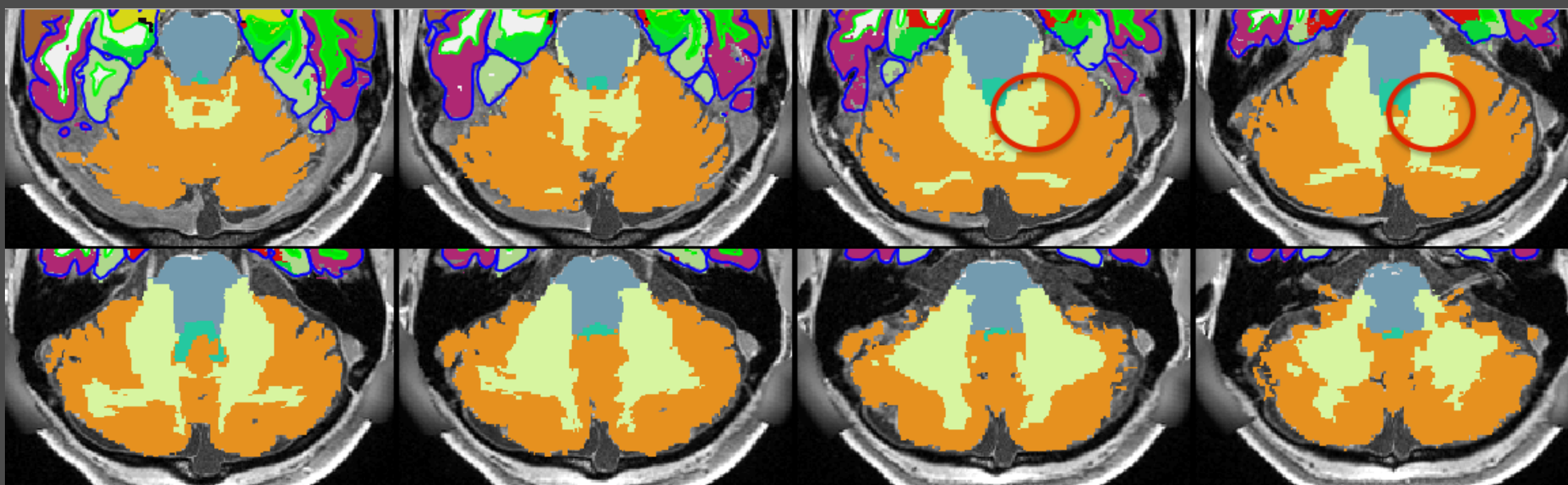
522434 - 1. Small DVA and cavernoma in the right cerebellum. 2. Posterior fossa arachnoid cysts



522434 - 500 release

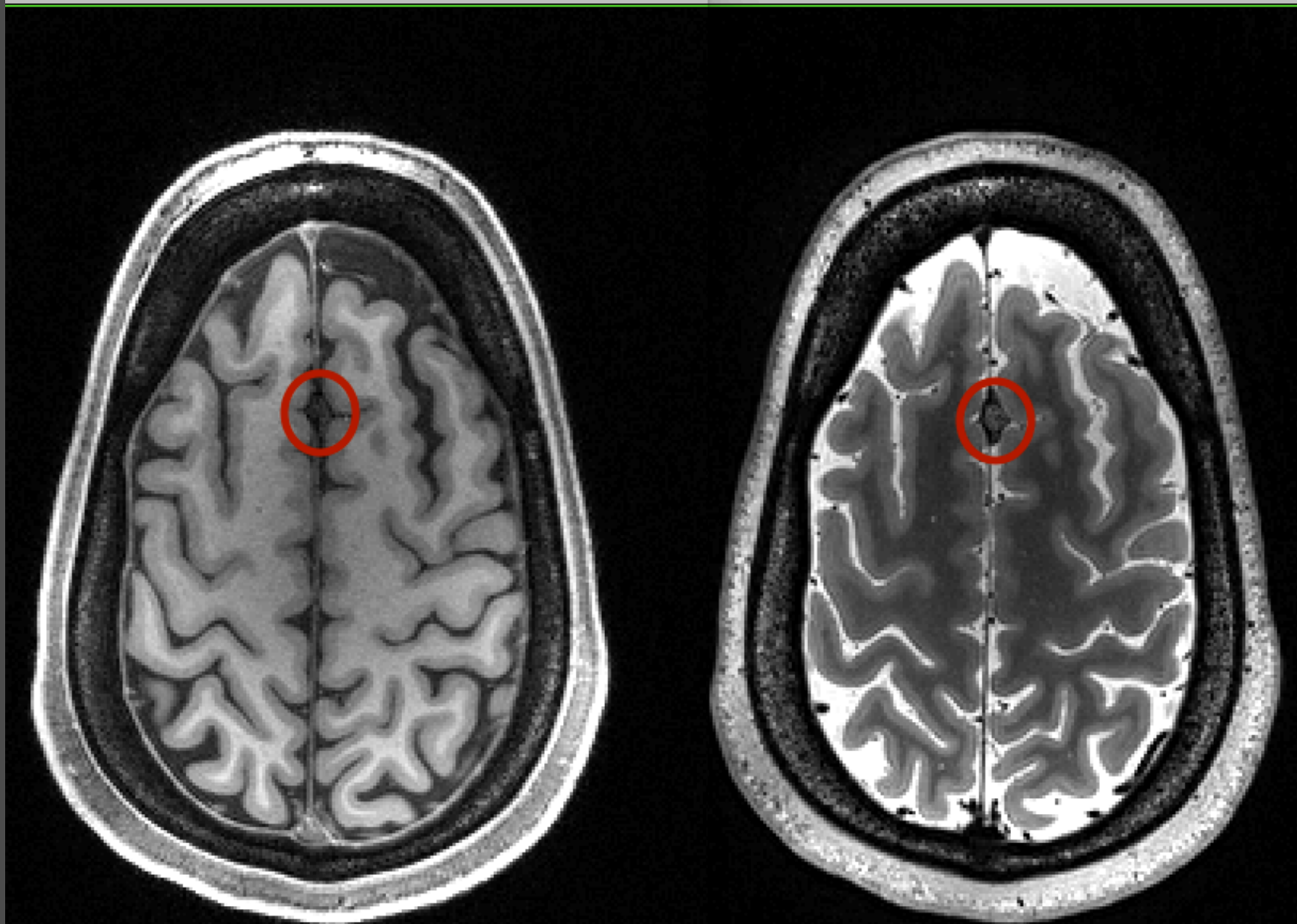


No surface effect

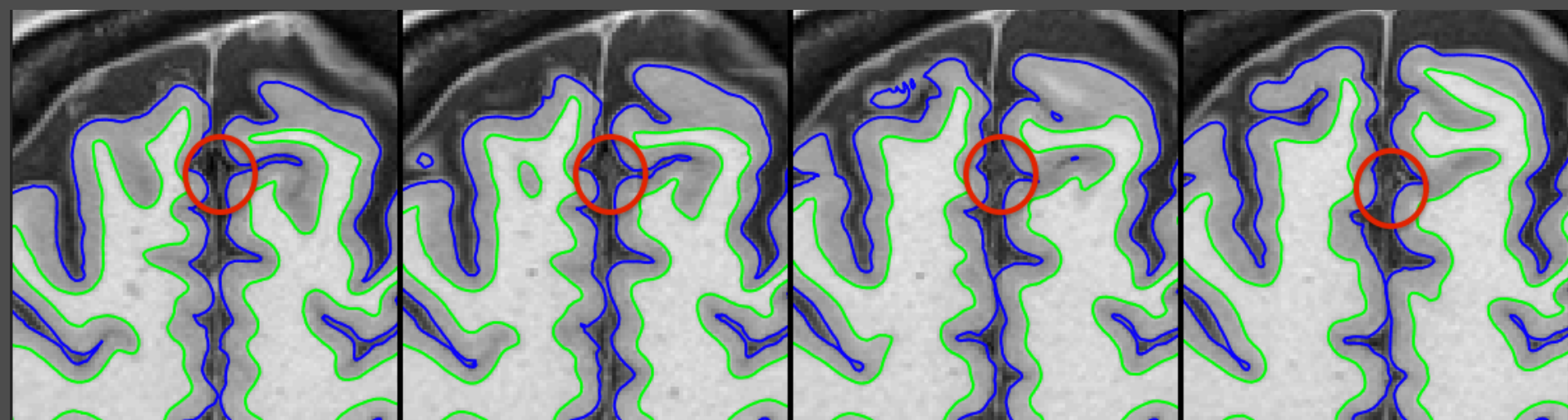


552544 - Small midline falx calcification

552544\_strc:T1w:RAW:9 - DICOM\_DEFACED:Transverse (200%)    552544\_strc:T2w:RAW:13 - DICOM\_DEFACED:Transverse (200%)



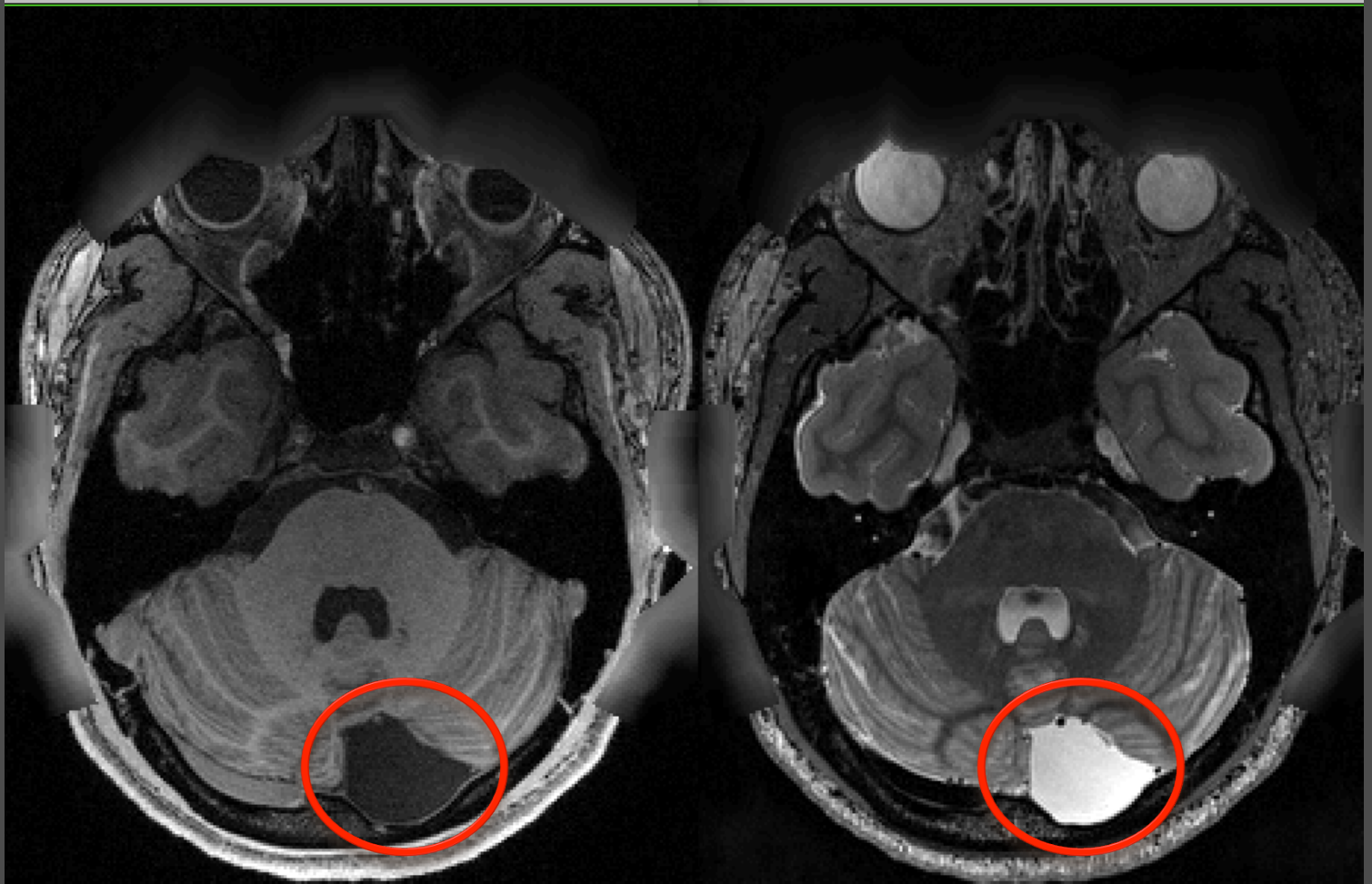
552544 - 500 release



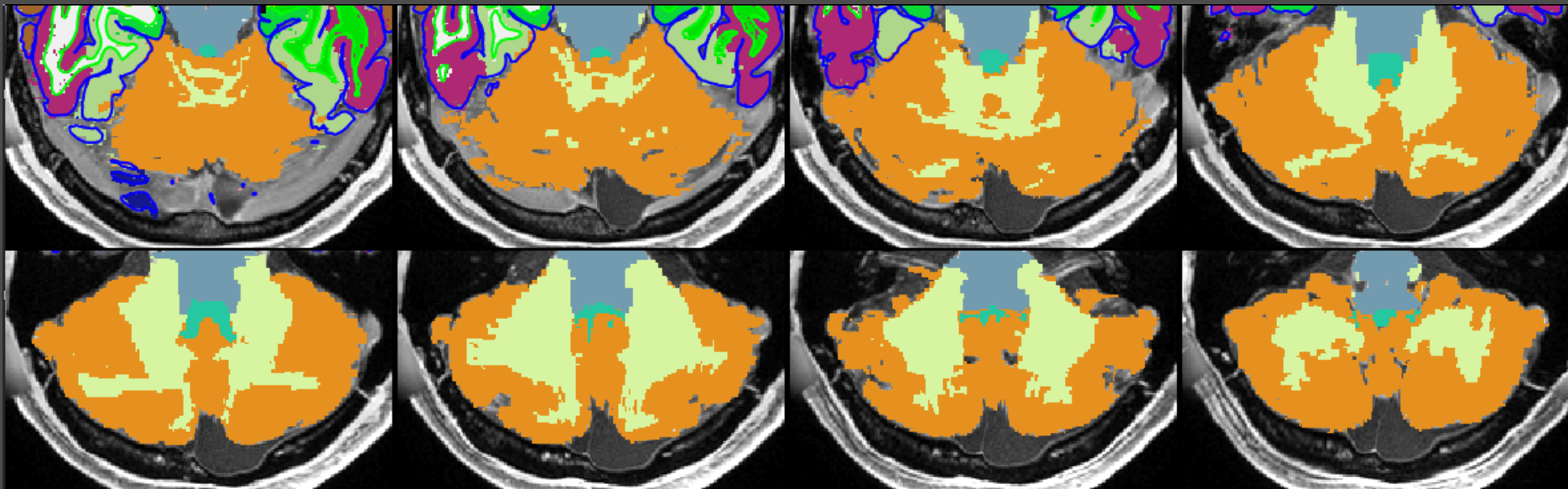
No surface effect

628248 - Posterior fossa arachnoid cyst

628248\_strc:T1w:RAW:9 - DICOM\_DEFACED:Transverse (200%)    628248\_strc:T2w:RAW:10 - DICOM\_DEFACED:Transverse (200%)





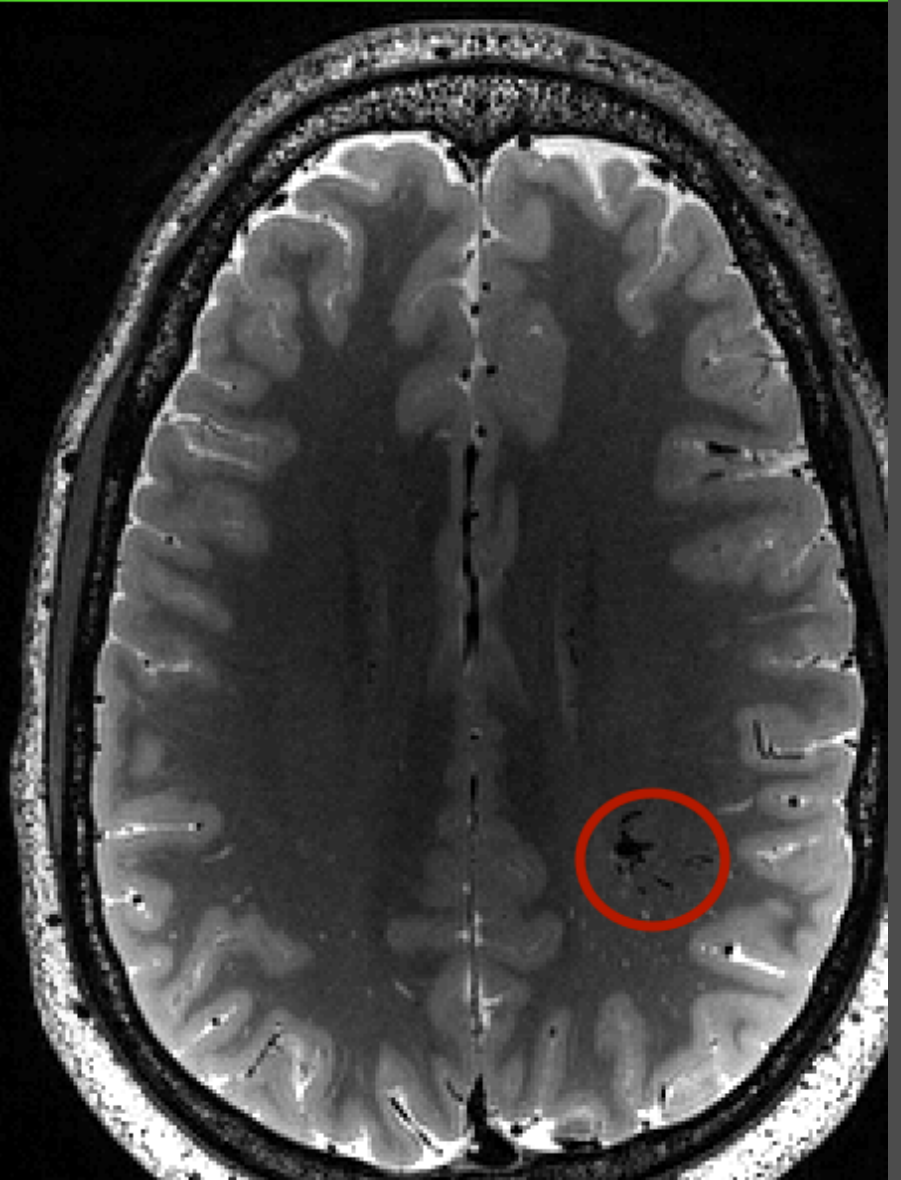


No surface effect

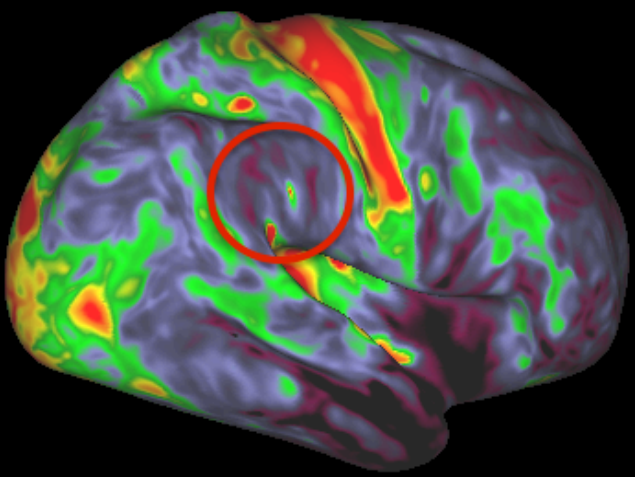
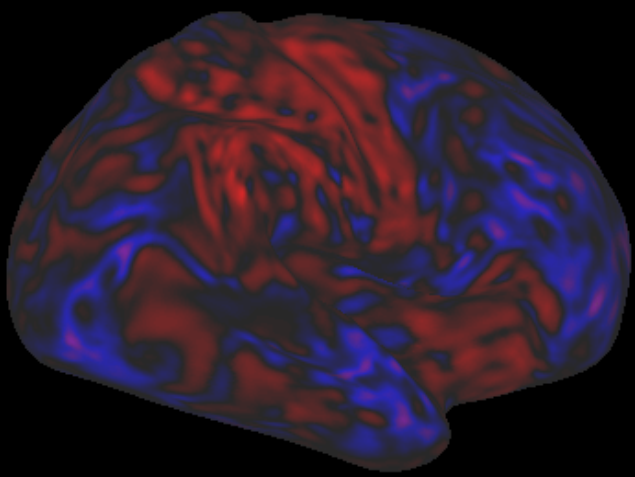
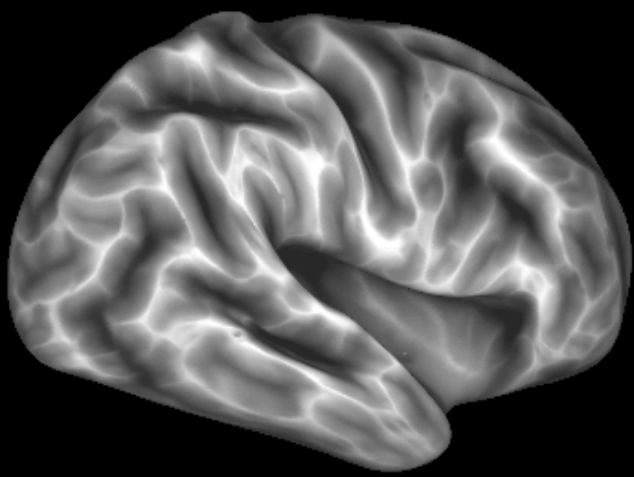
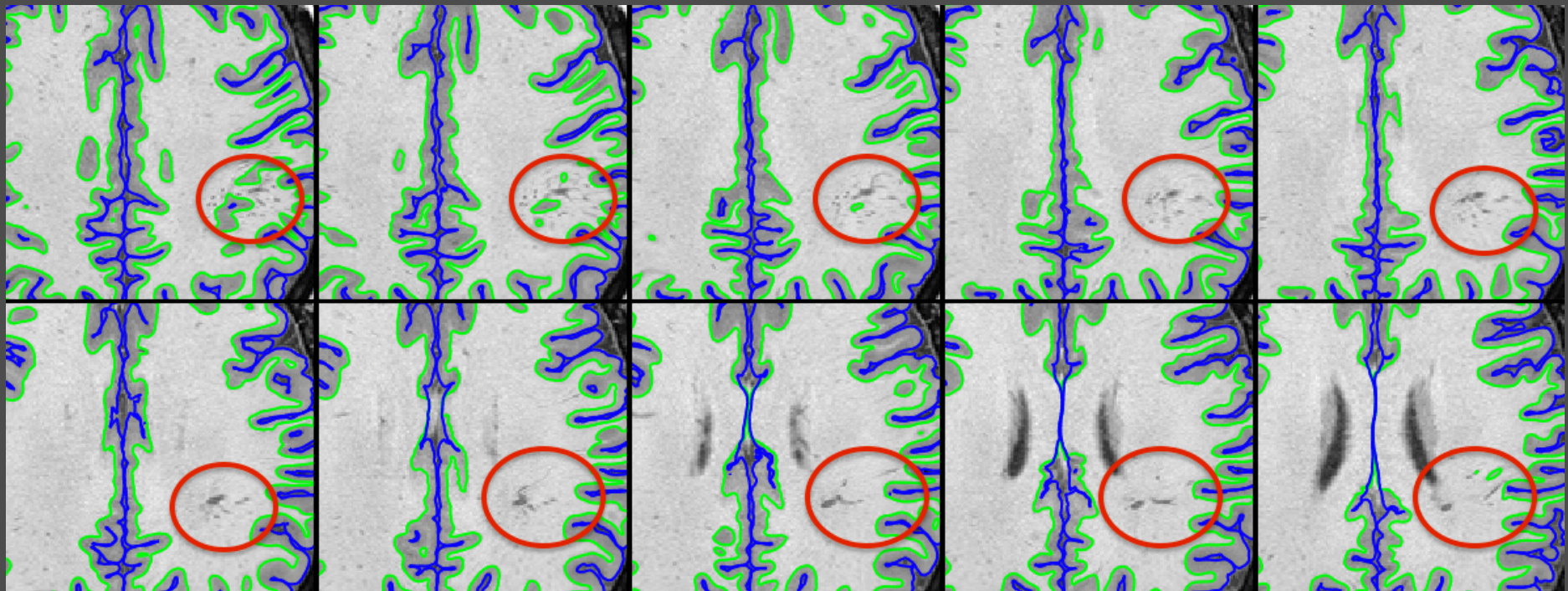
656657 - DVA right parietal

656657\_strc:T1w:RAW:9 - DICOM\_DEFACED:Transverse (200%)

656657\_strc:T2w:RAW:10 - DICOM\_DEFACED:Transverse (200%)

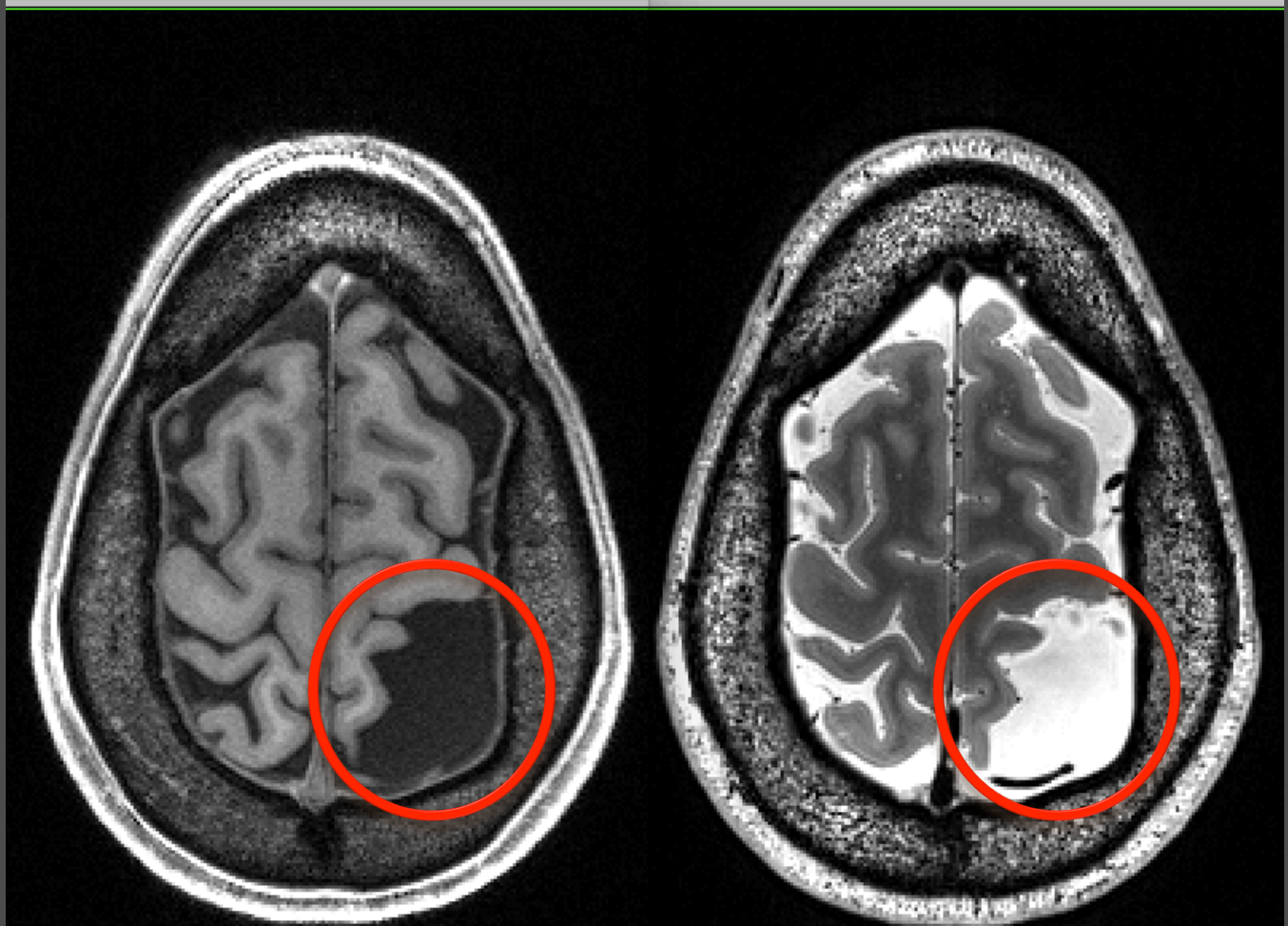


656657 - 900 release



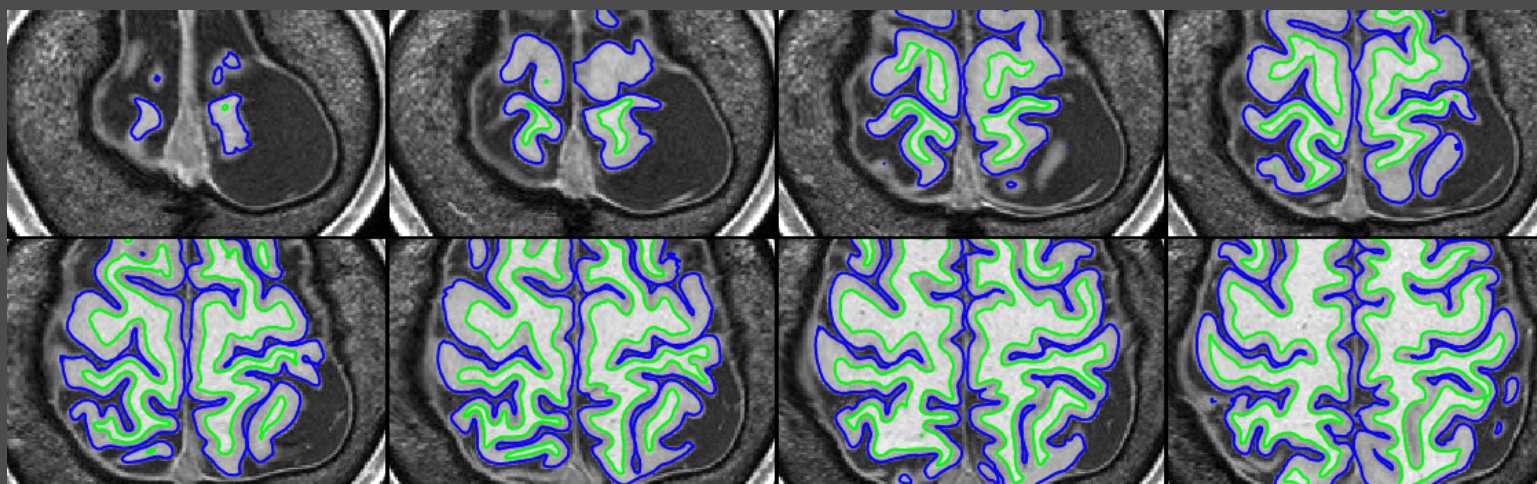
709551 - Dorsal arachnoid cyst

709551\_strc:T1w:RAW:9 - DICOM\_DEFACED:Trans... 709551\_strc:T2w:RAW:10 - DICOM\_DEFACED:Transverse (200%

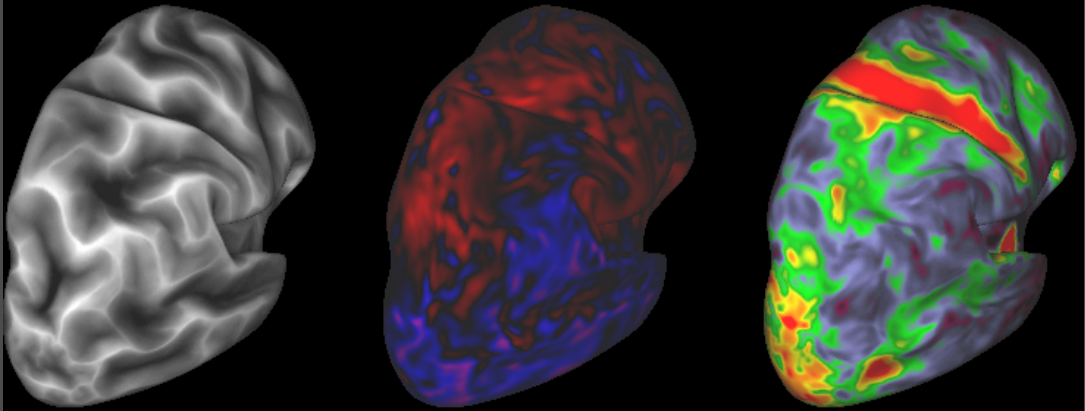
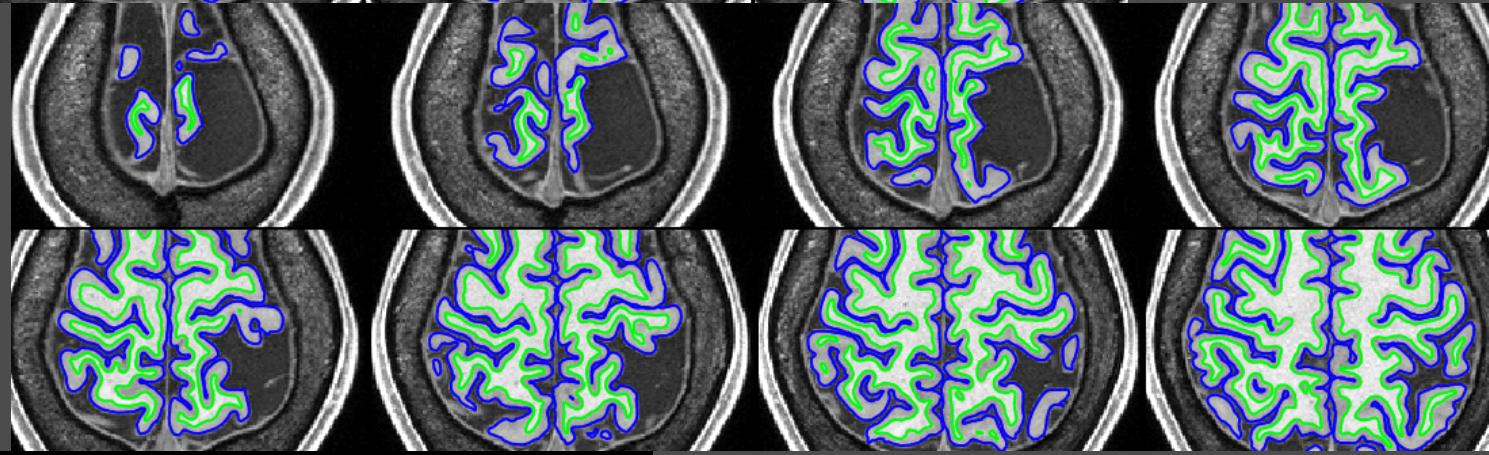


709551 - 500 release

MNINonLinear



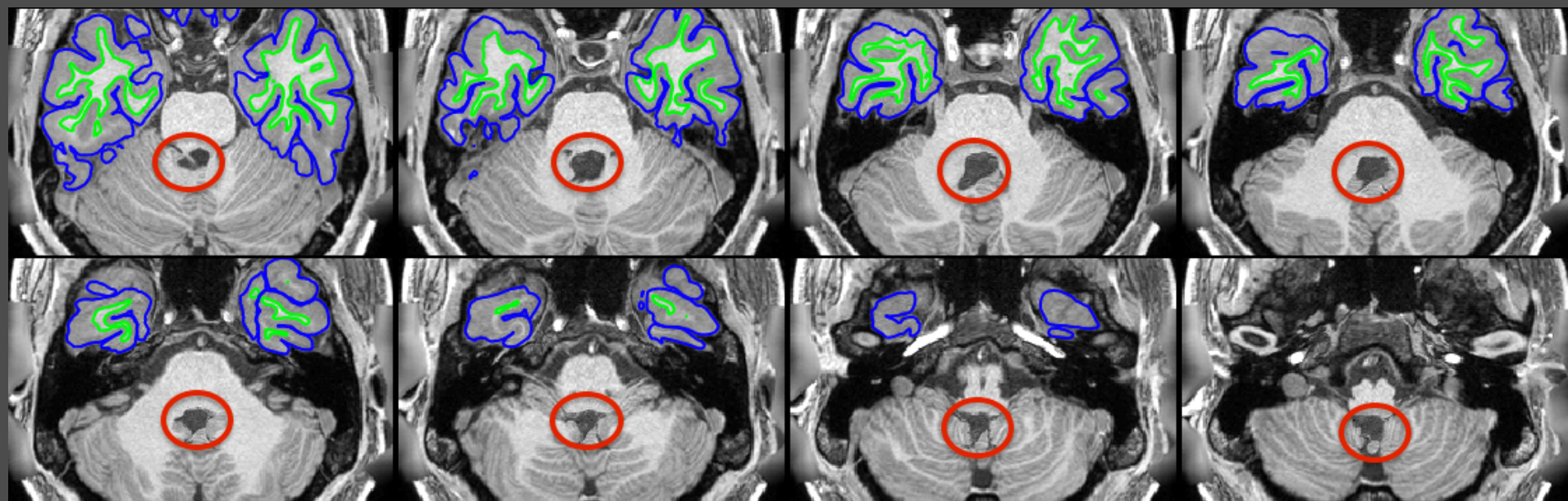
Native



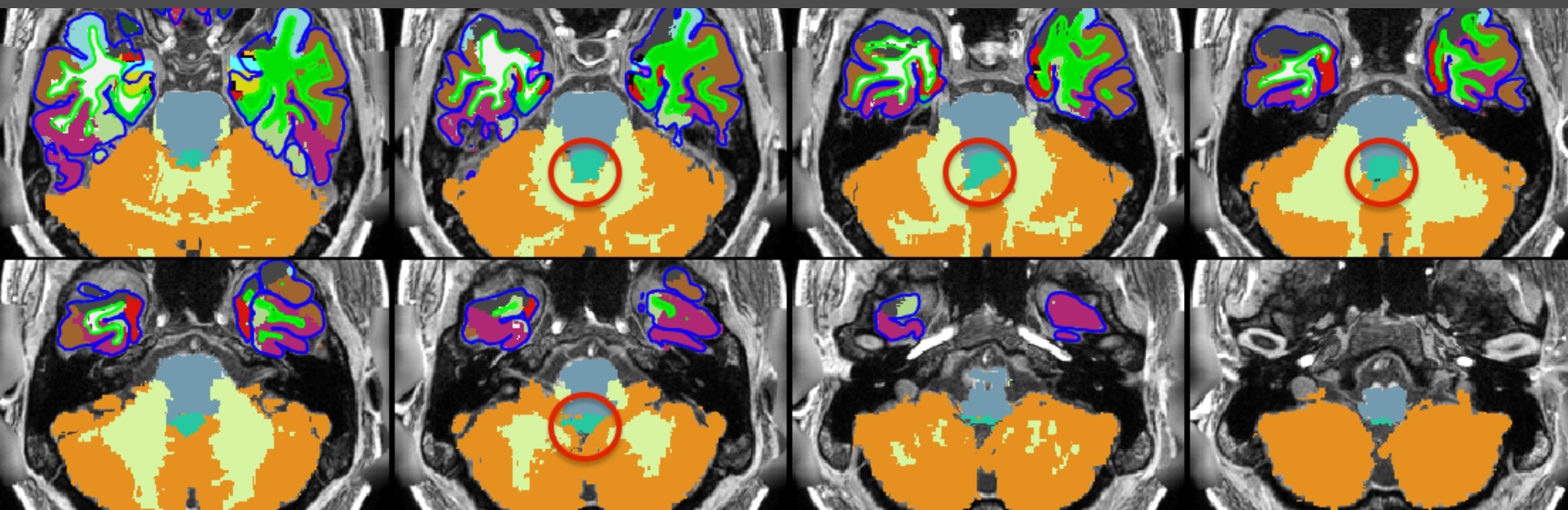
No map effect

734045 - Mild enlargement of ventricular system due to Blake's pouch cyst



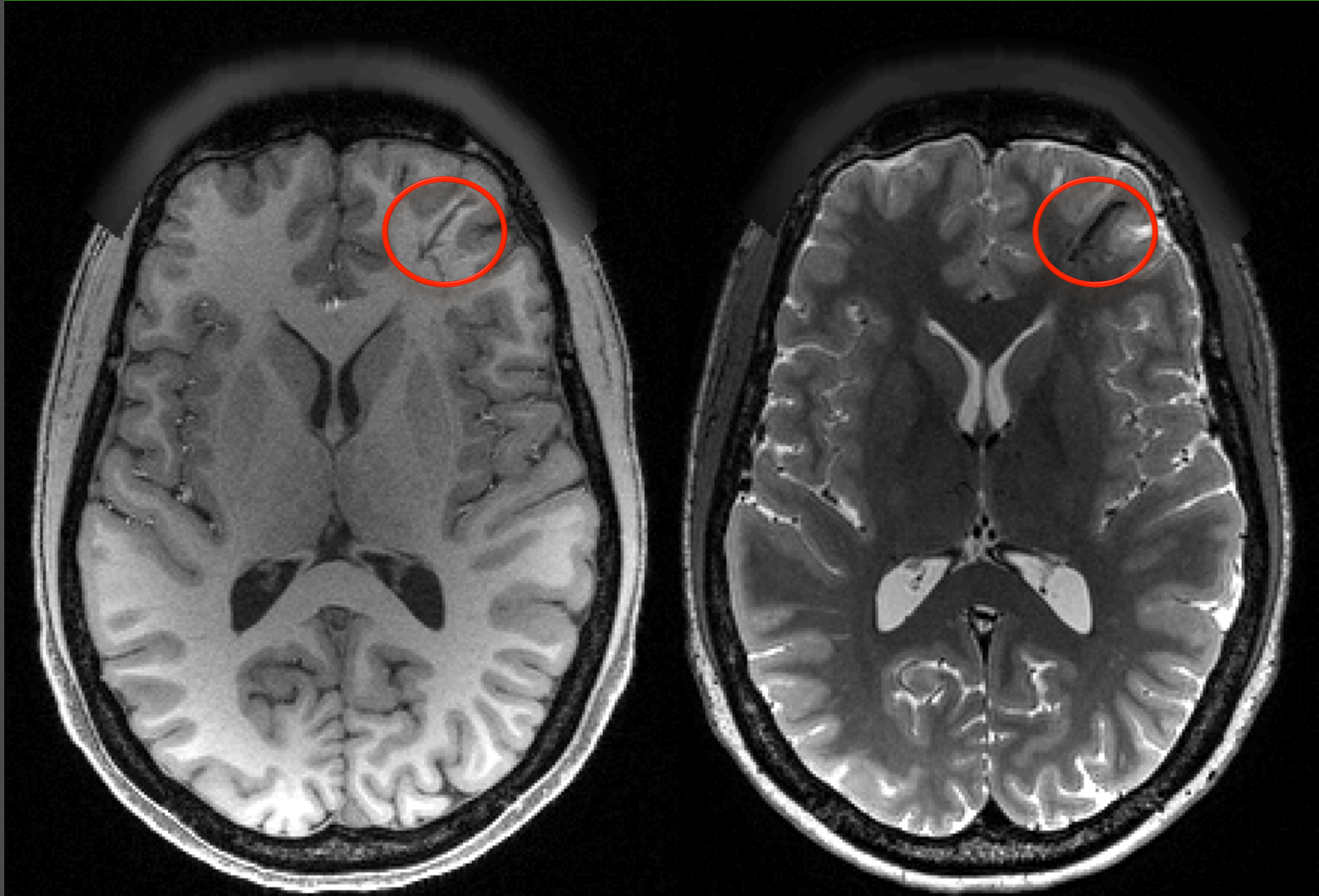


No surface effect

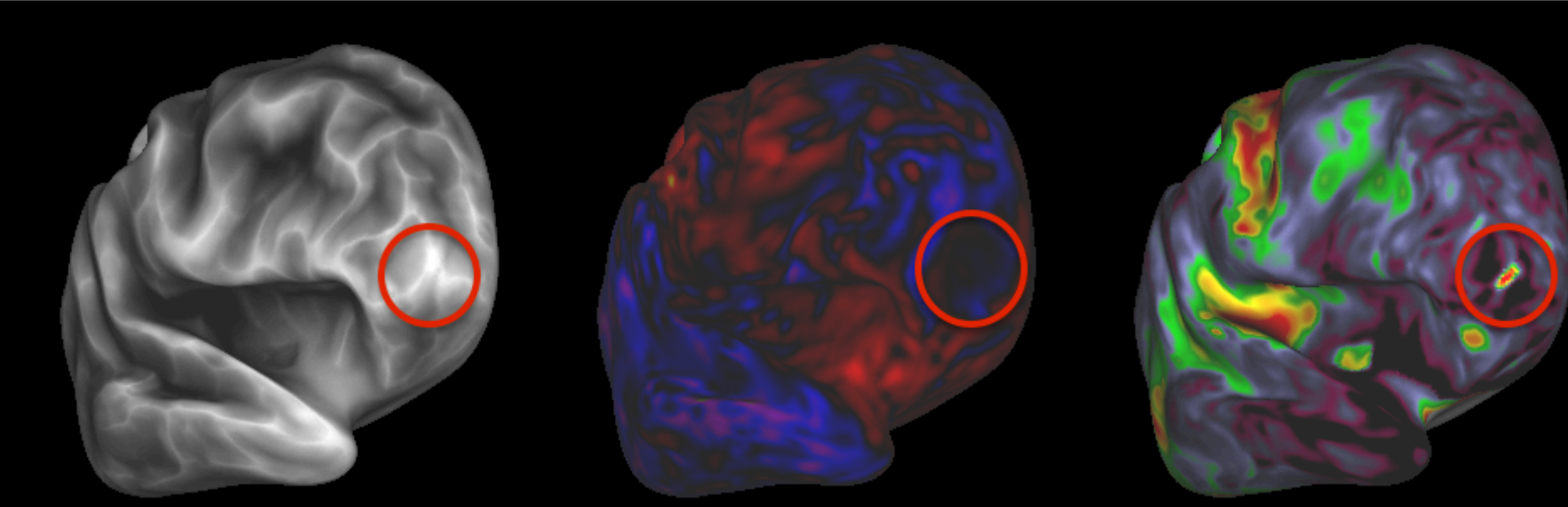
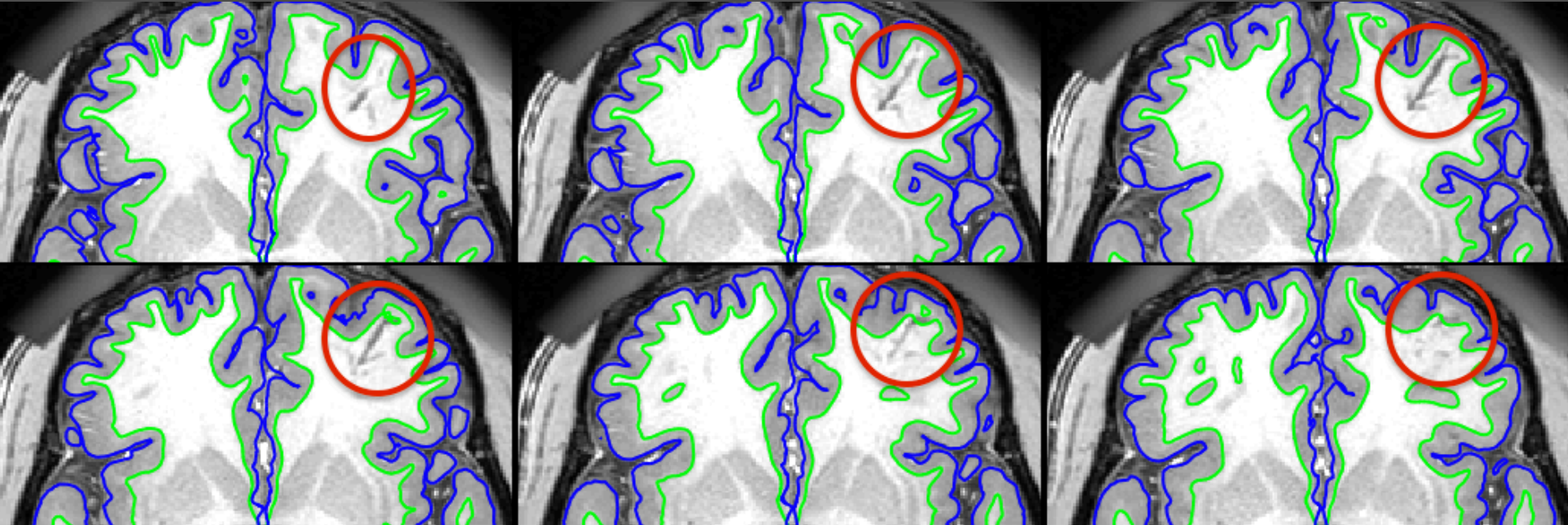


# 767464 - DVA right frontal

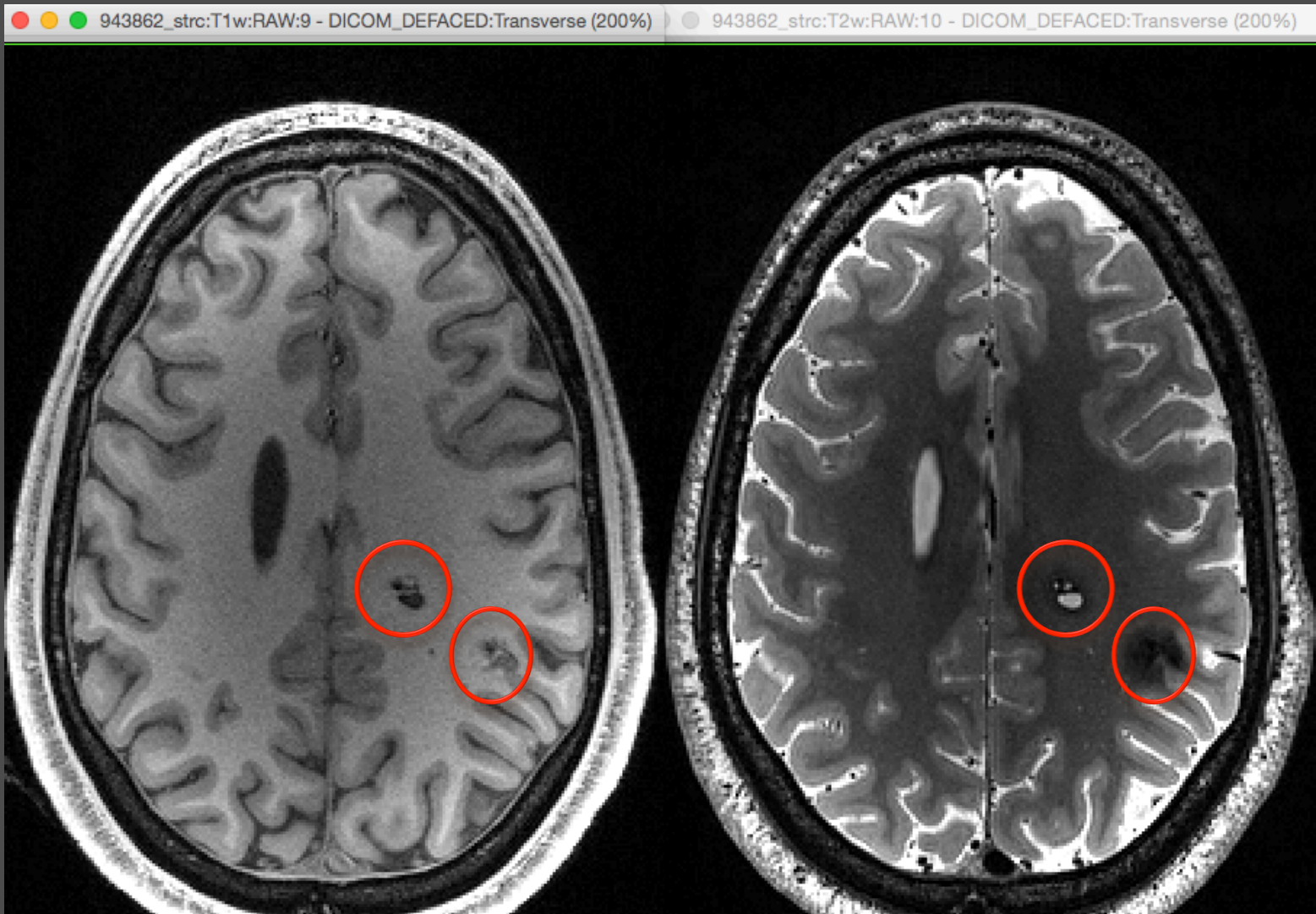
767464\_strc:T1w:RAW:9 - DICOM\_DEFACED:Transverse (200%) 767464\_strc:T2w:RAW:10 - DICOM\_DEFACED:Transverse (200%)



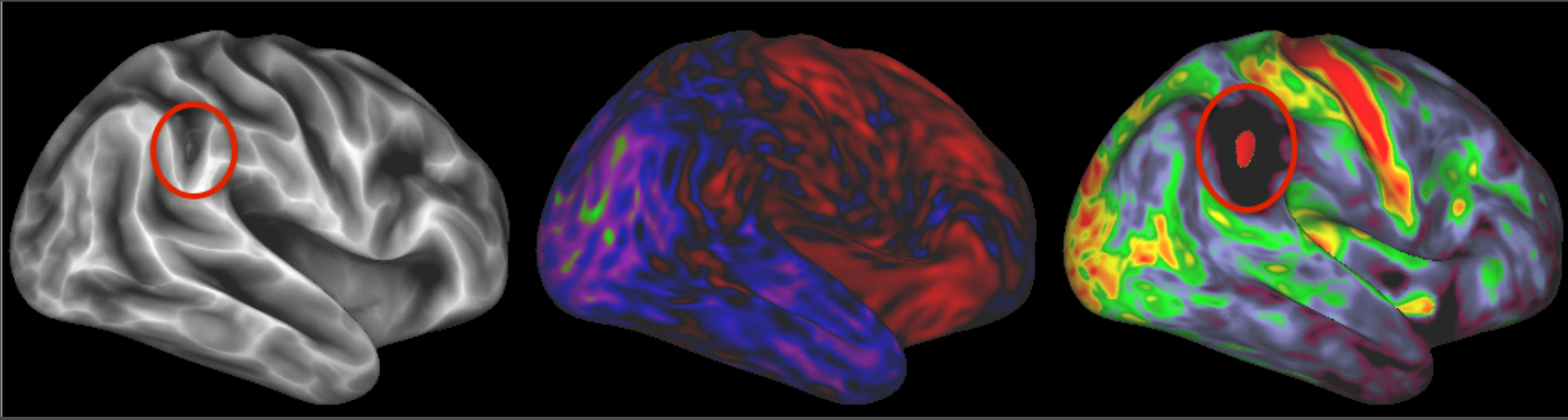
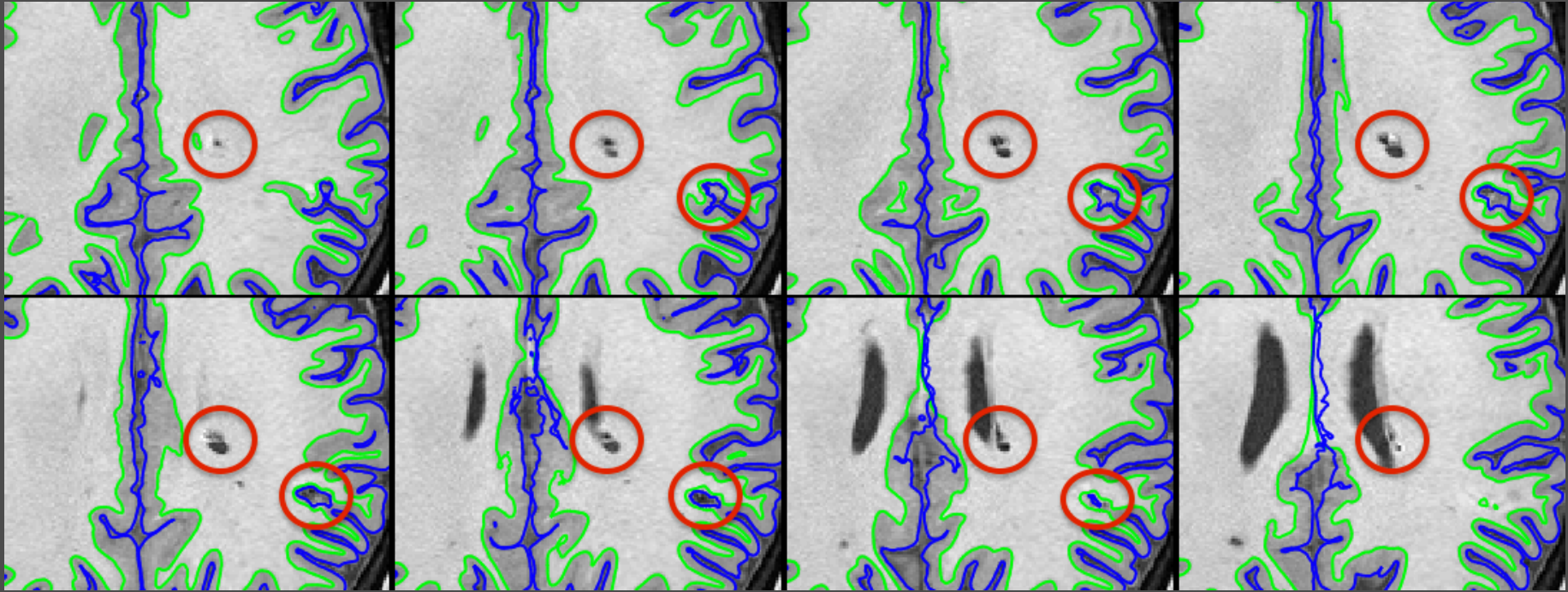




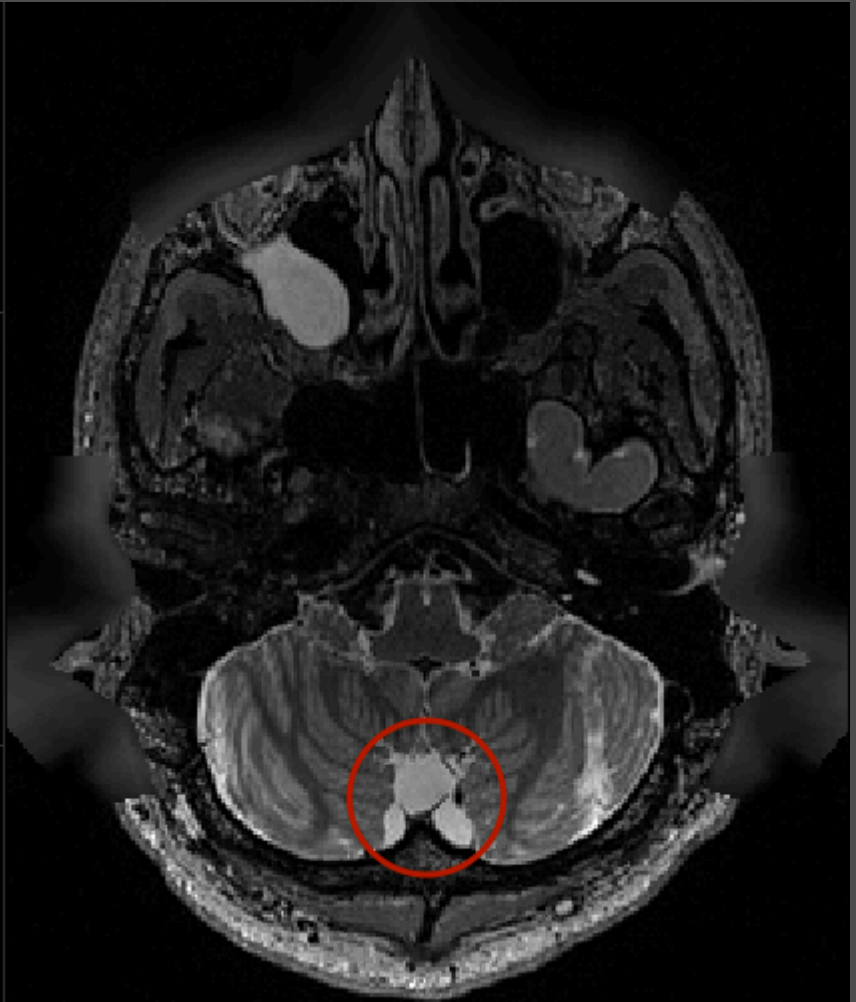
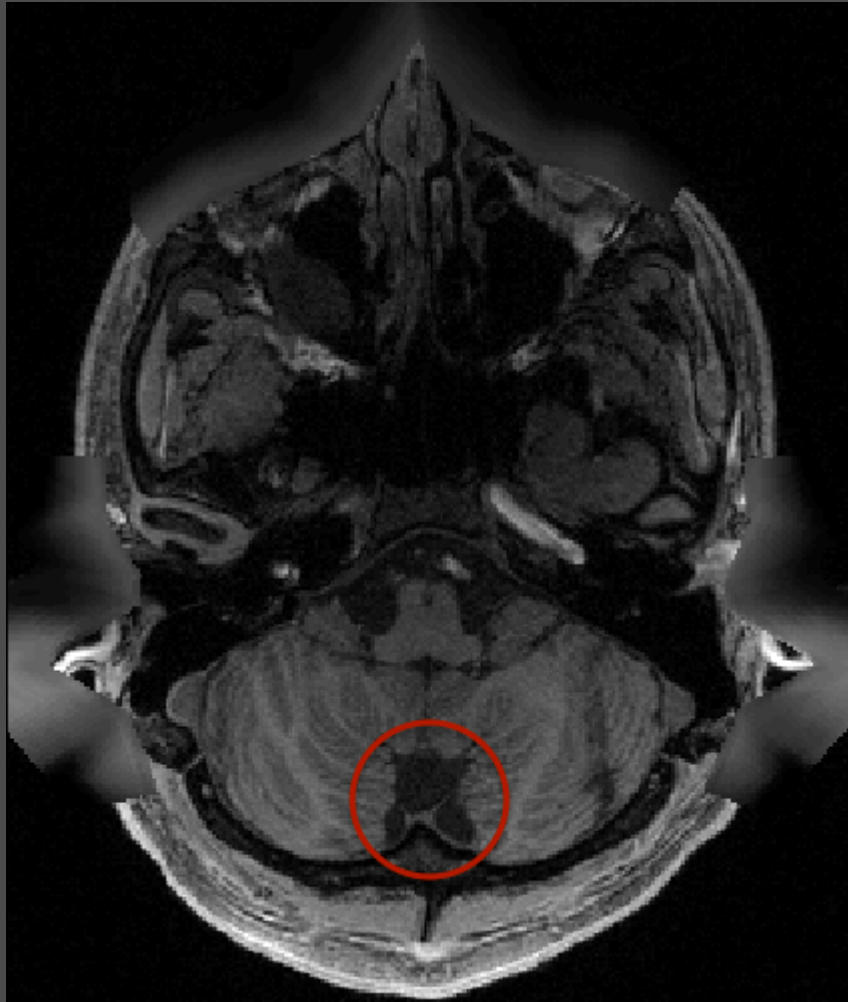
# 943862 - Small cavernomas in right parietal

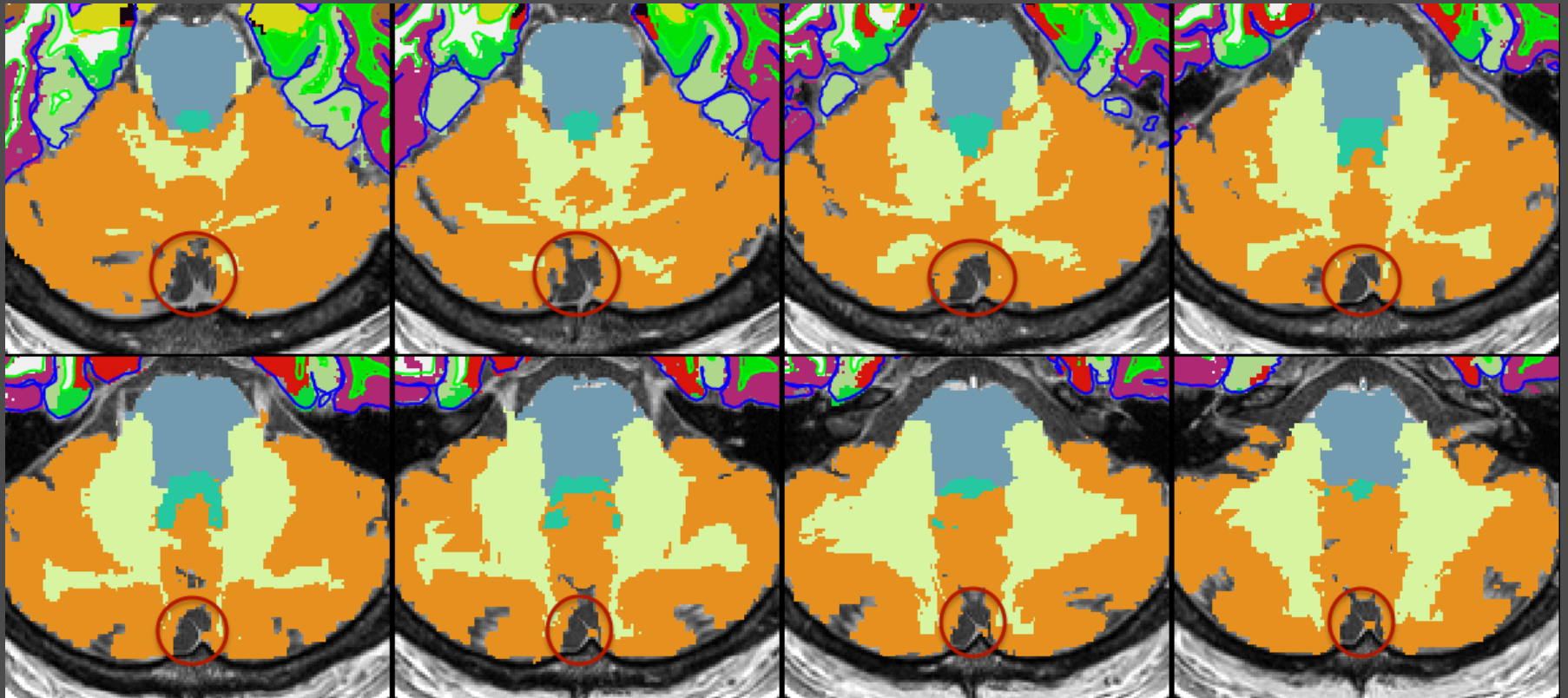


943862 - 1200 release



958976 - Posterior fossa arachnoid cyst

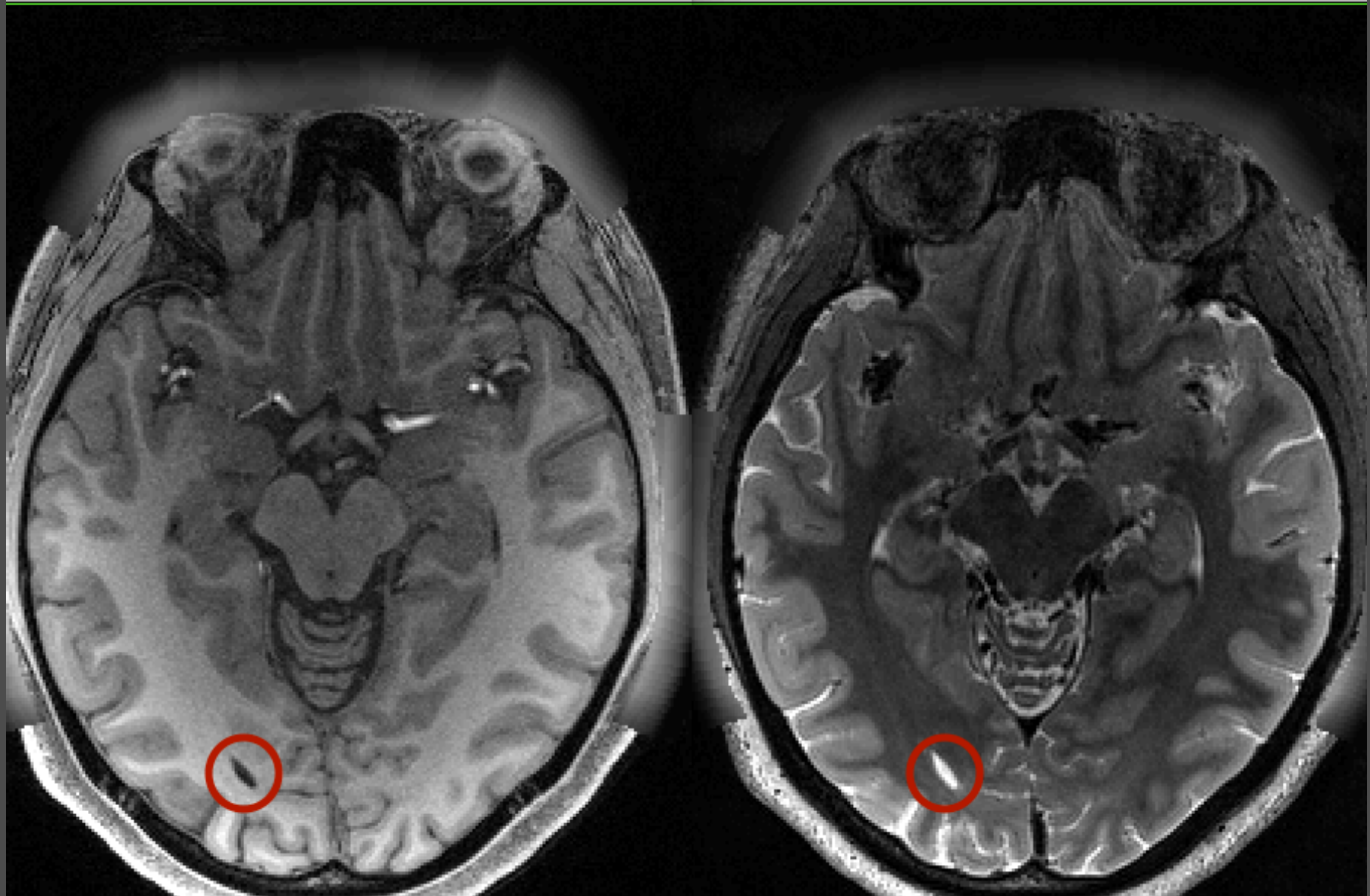




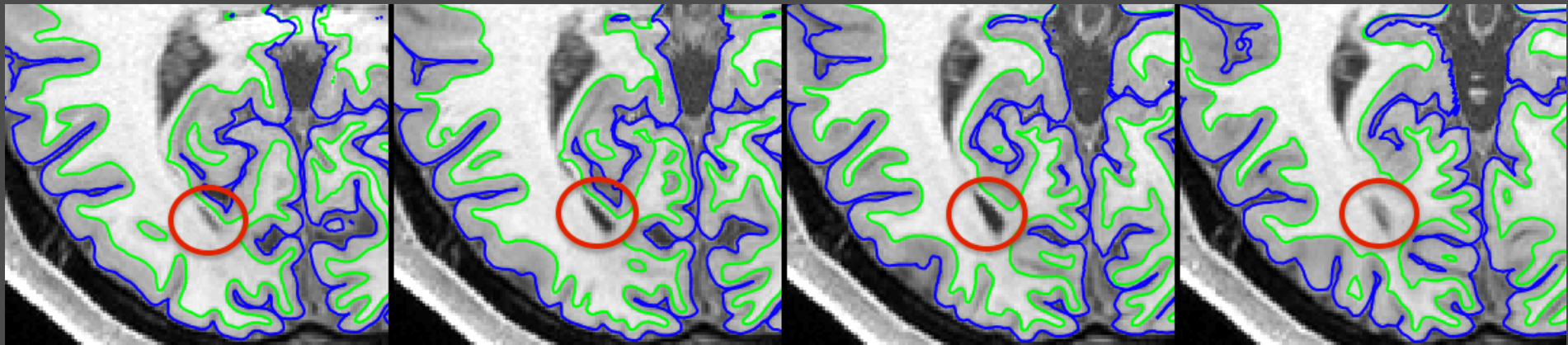
No surface effect

970764 - Small pineal cyst left occipital

970764\_strc:T1w:RAW:9 - DICOM\_DEFACED:Transverse (200%)    970764\_strc:T2w:RAW:10 - DICOM\_DEFACED:Transverse (200%)



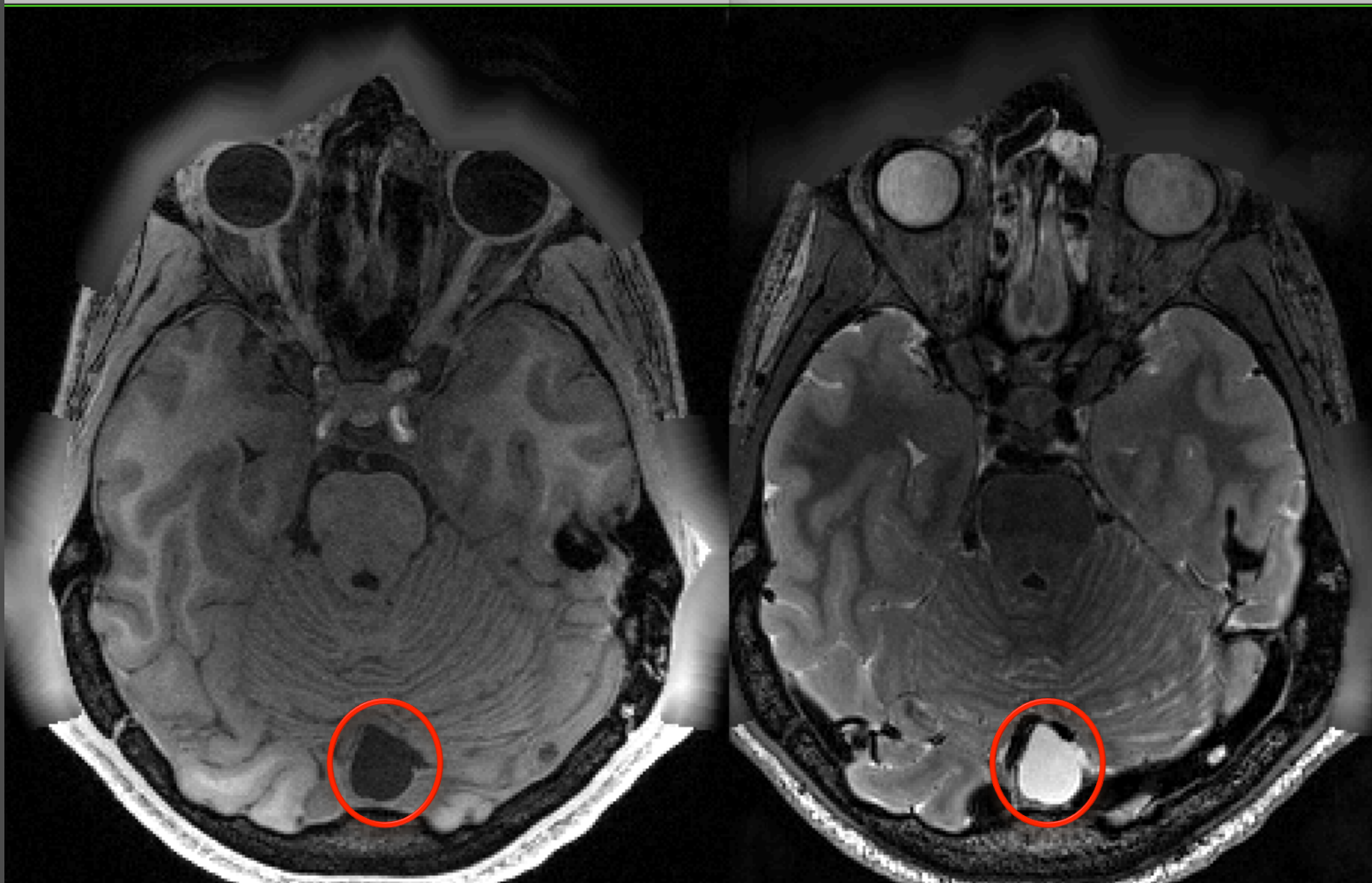
970764 - 1200 release



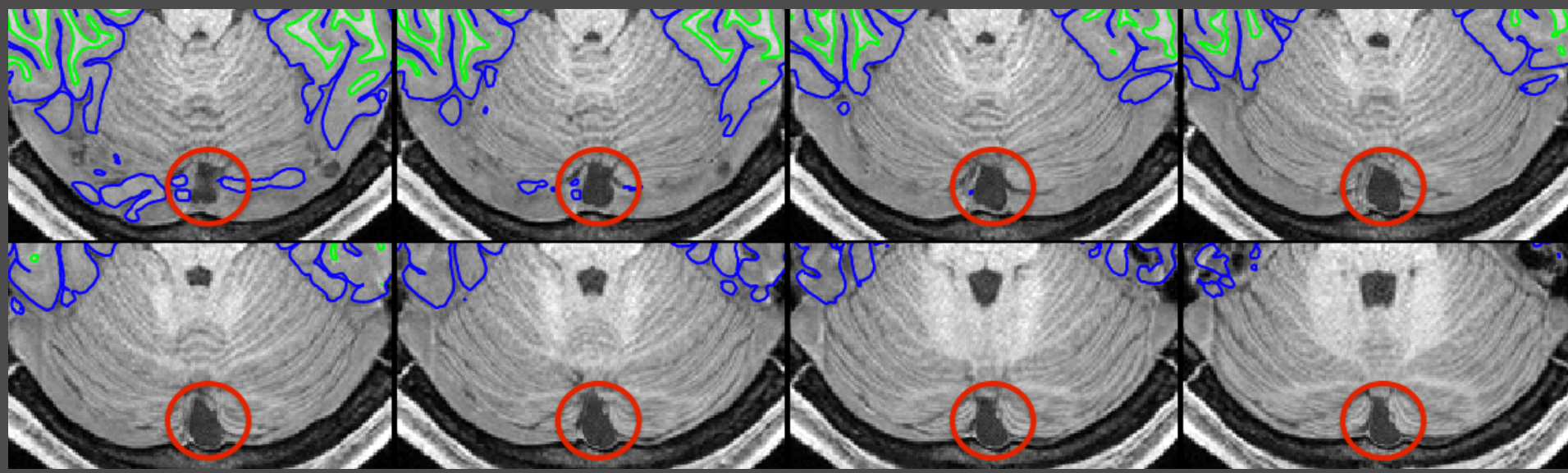
No surface effect

994273 - Posterior fossa arachnoid cyst

994273\_strc:T1w:RAW:9 - DICOM\_DEFACED:Transverse (200%)    994273\_strc:T2w:RAW:10 - DICOM\_DEFACED:Transverse (200%)







No surface effect

