

HCP Subjects with Anatomical flags

Part 1

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.

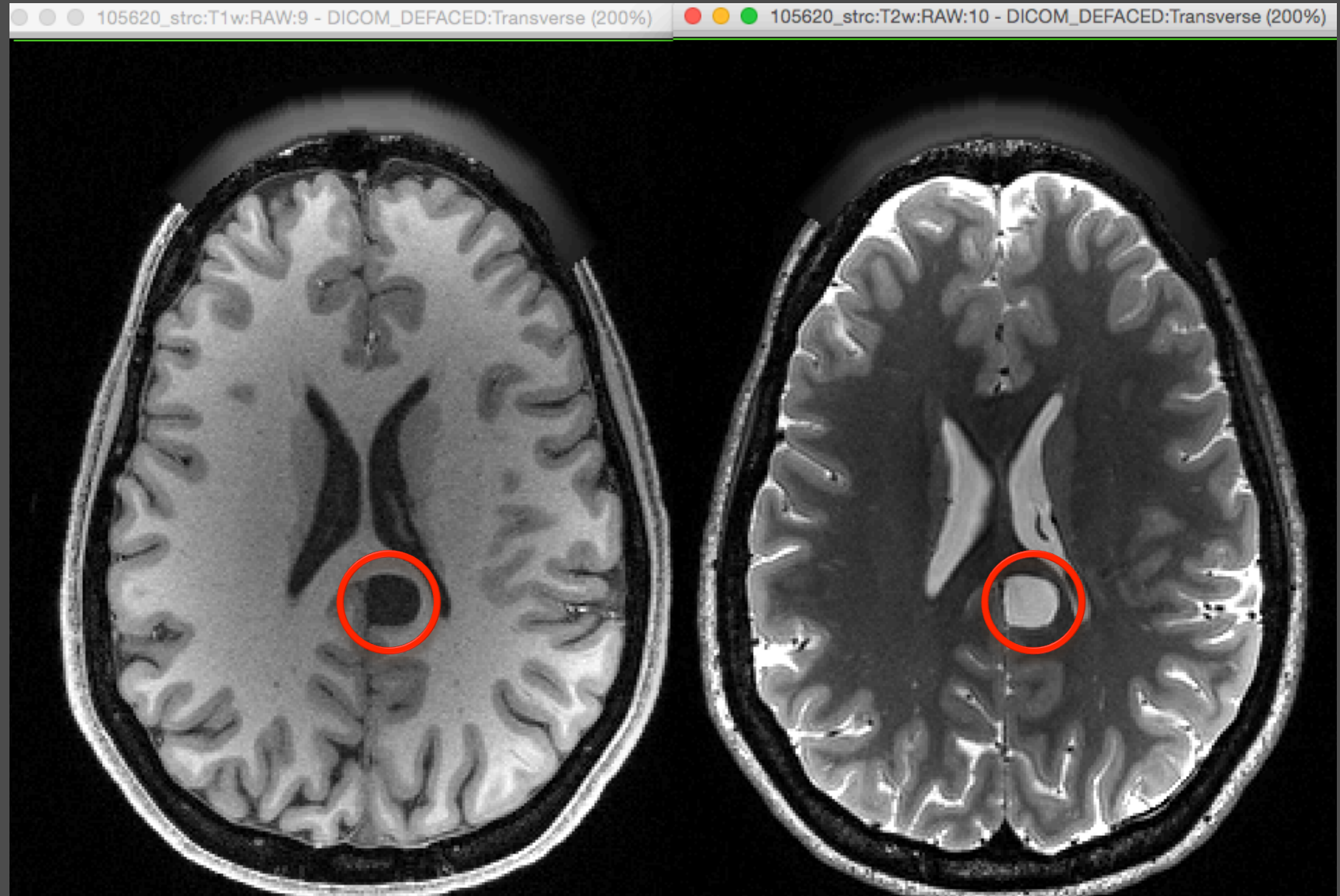
The files for the surface maps are:

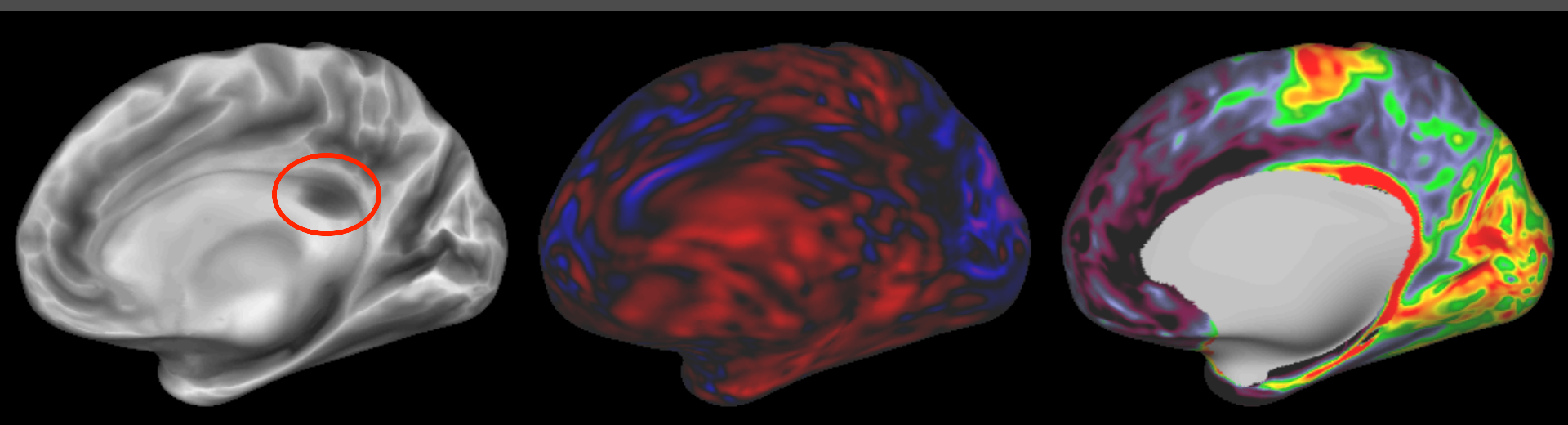
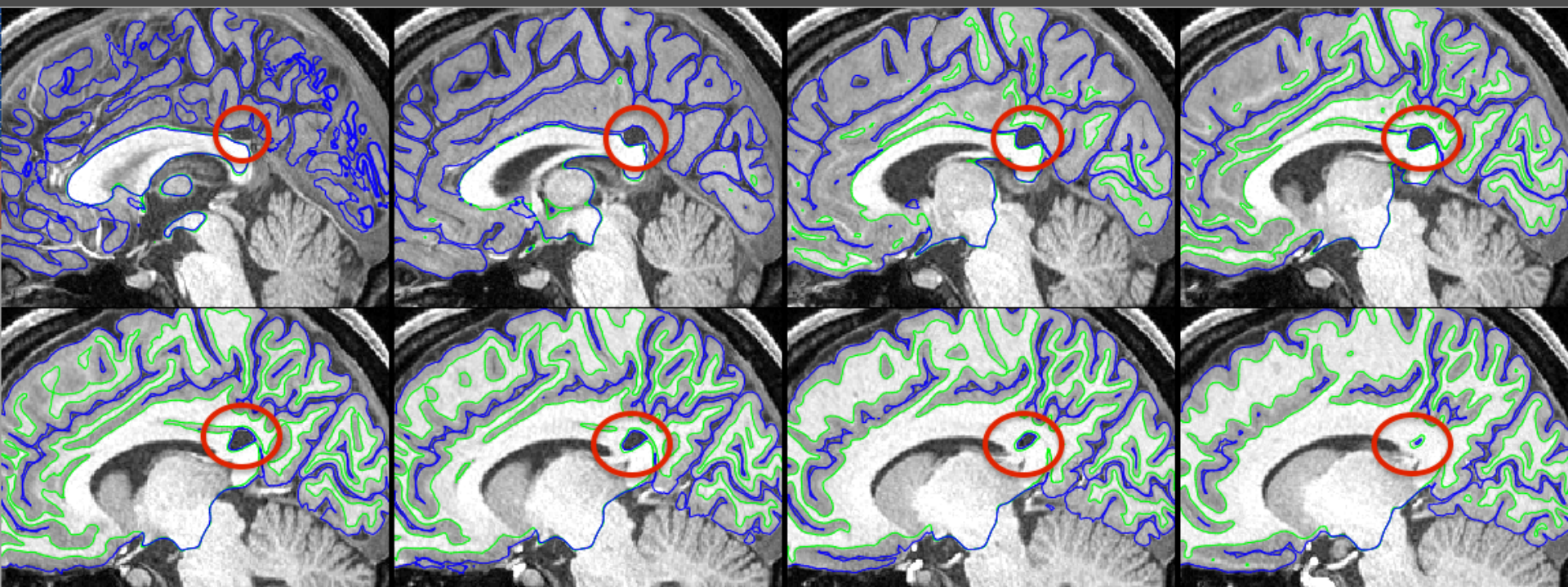
Sulcal map = {Subject}.sulc.164k_fs_LR.dscalar.nii

Areal Distortion map = {Subject}.ArealDistortion_MSMSulc.164k_fs_LR.dscalar.nii

Myelin map = {Subject}.SmoothedMyelinMap_BC.164k_fs_LR.dscalar.nii

105620 - Small posterior midline arachnoid cyst





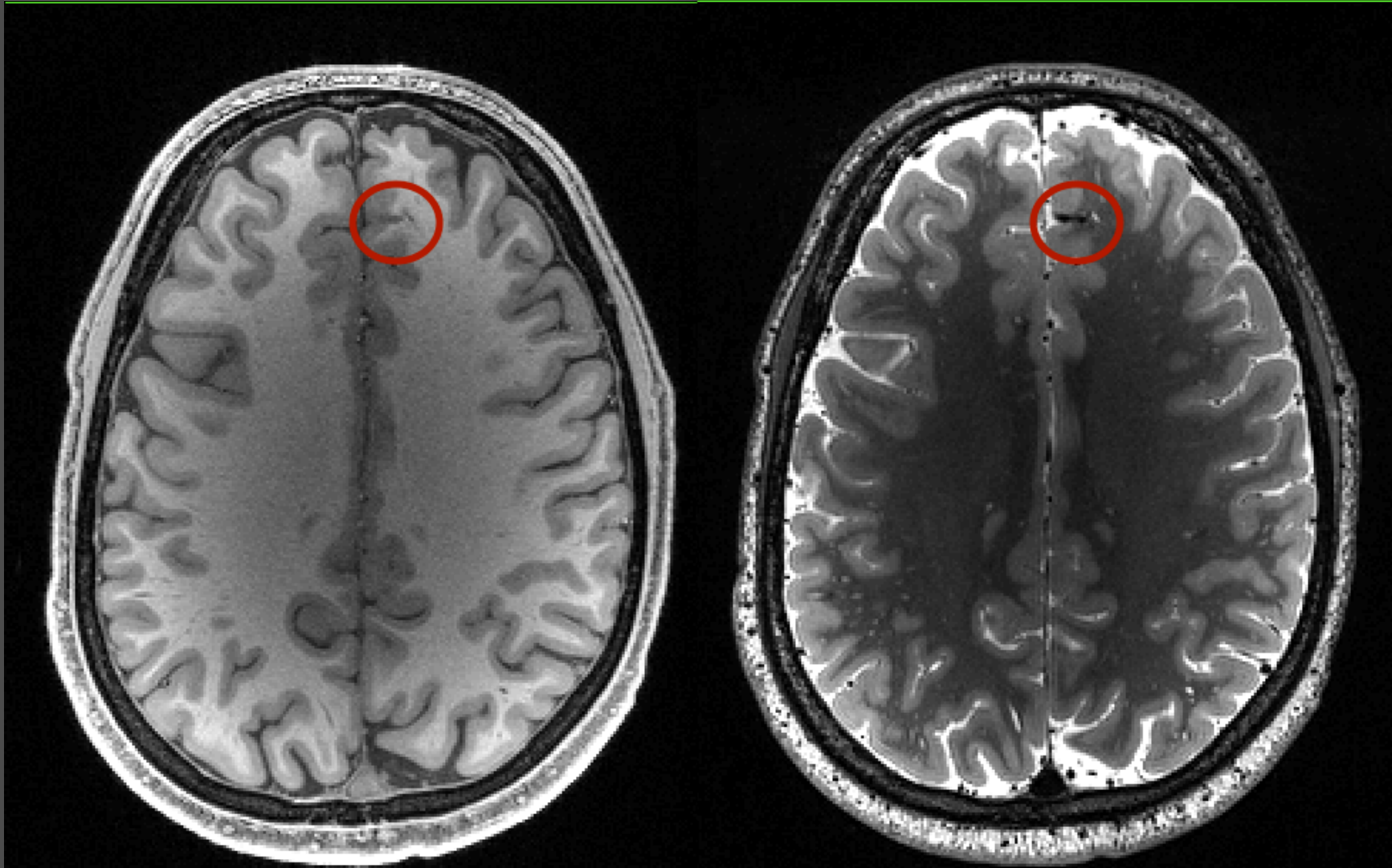
Sulcal map

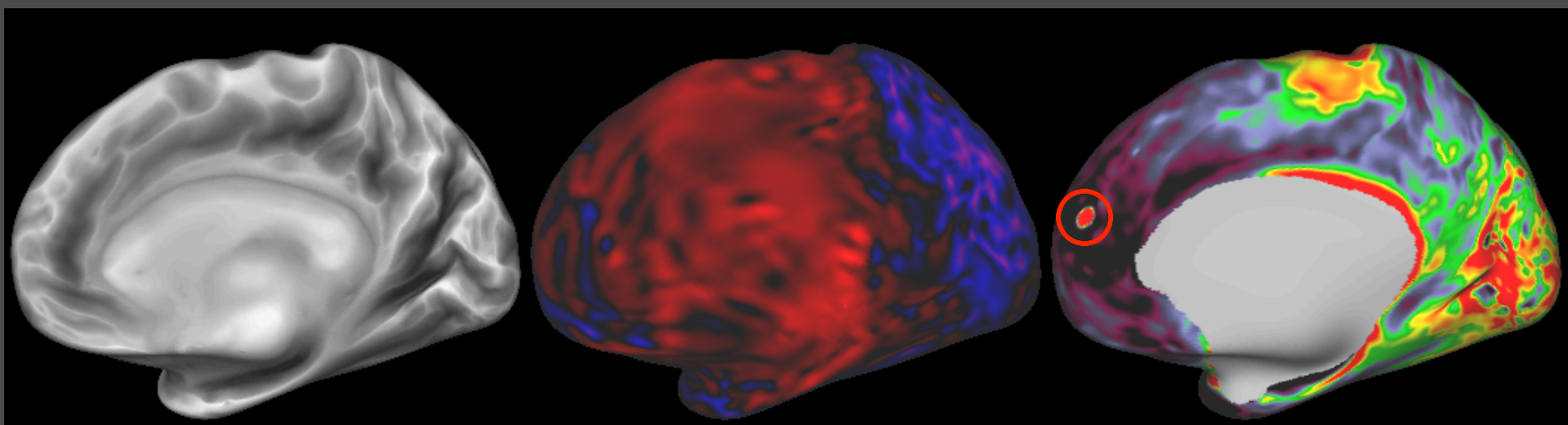
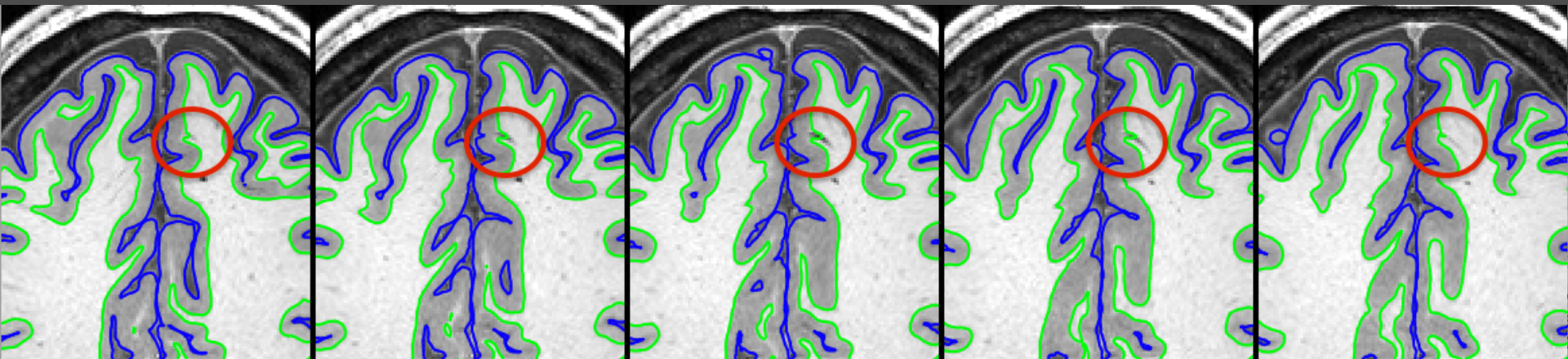
Areal Distortion map

Myelin map

110613 - DVA right anterior frontomedial

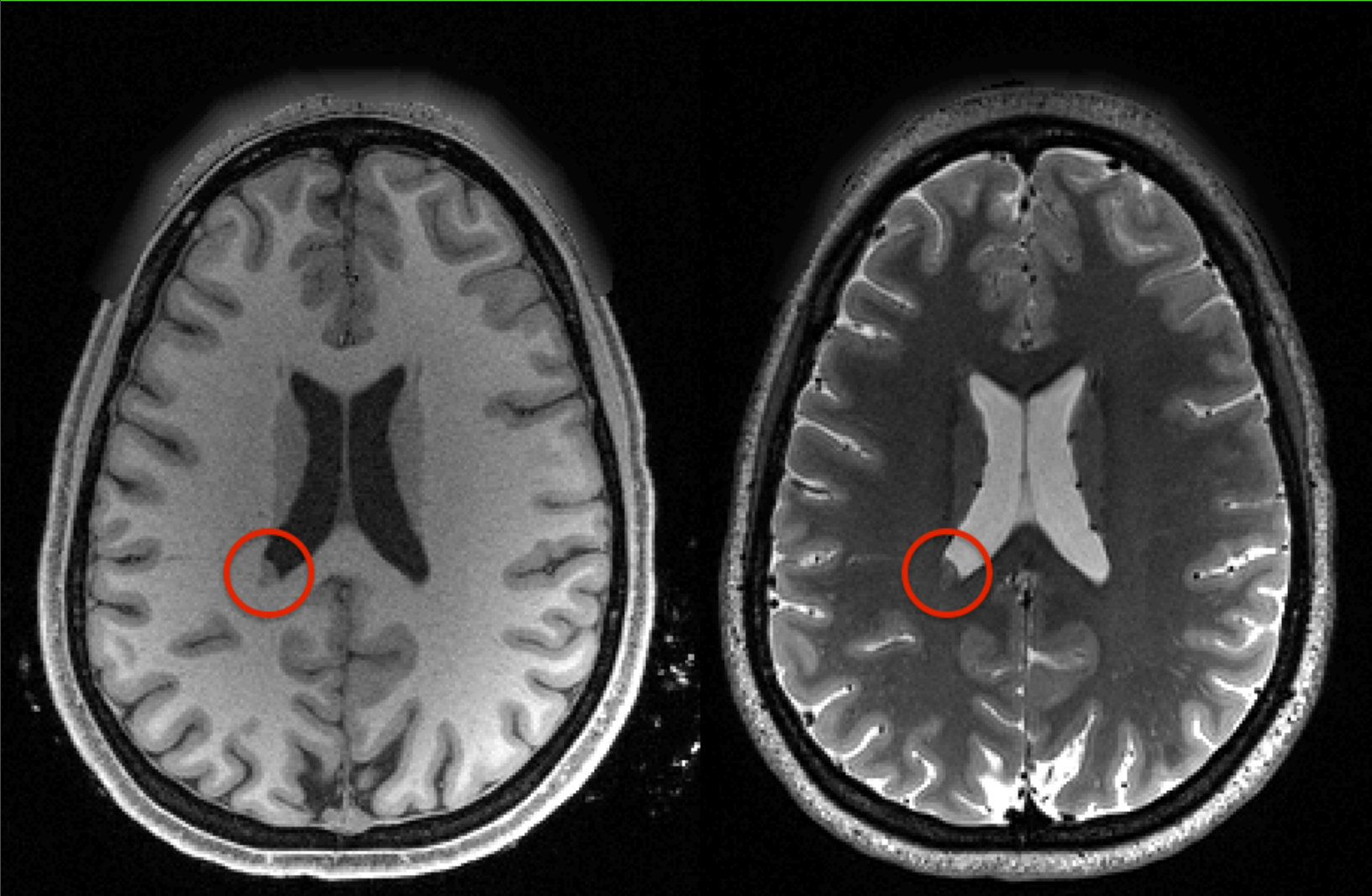
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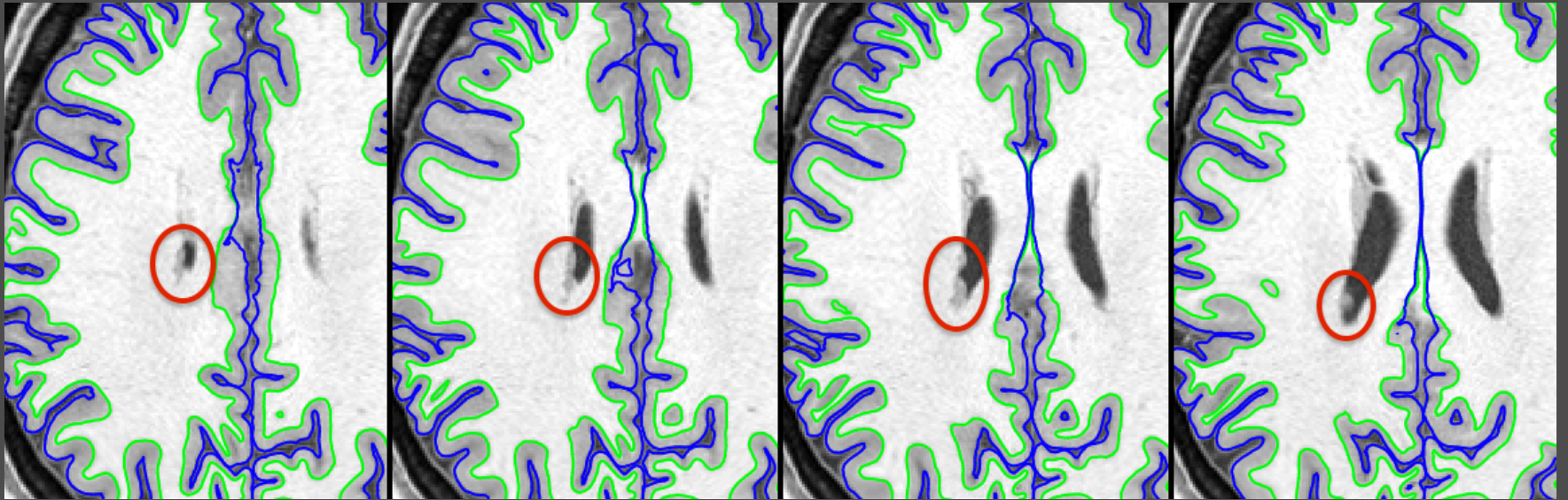




111312 - Heterotopic GM posterior left lateral ventricle

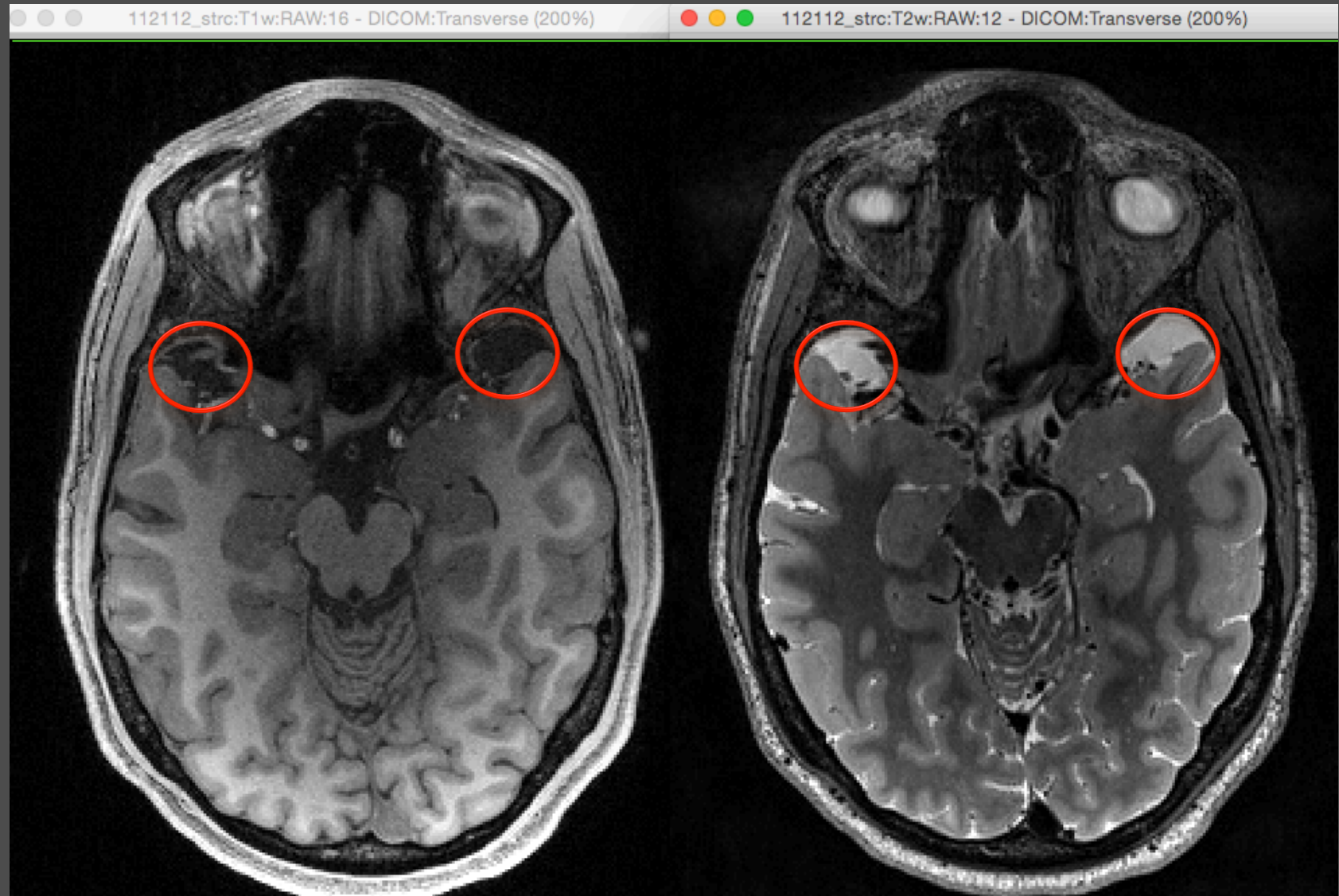
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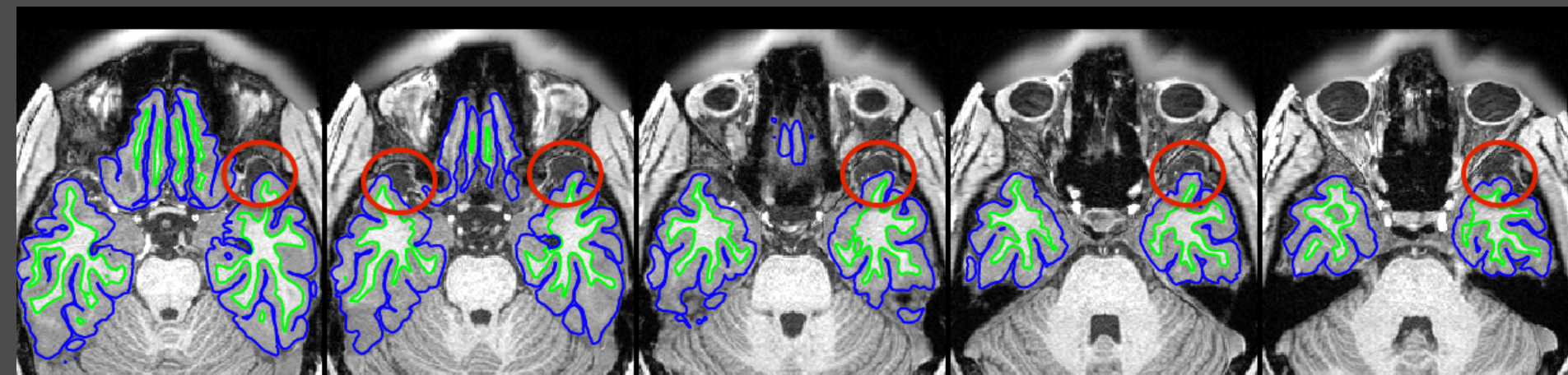


No surface effect

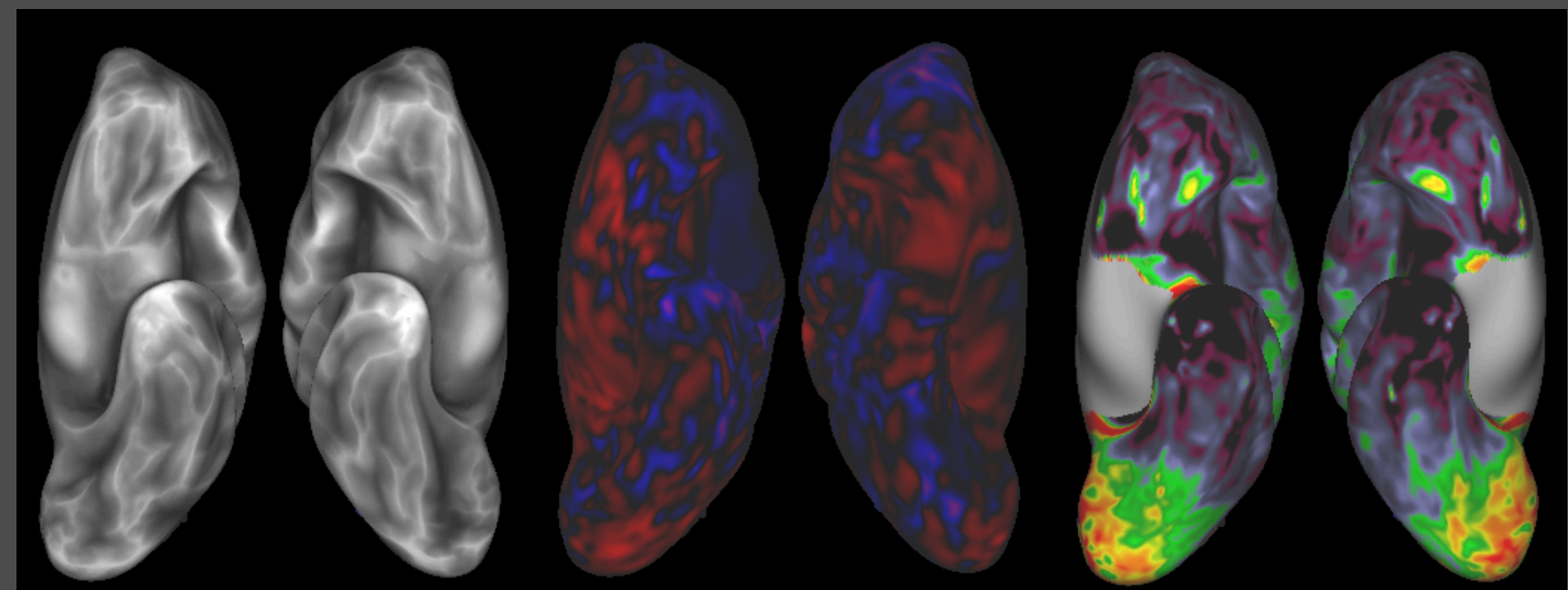
112112 – Bilateral anterior temporal arachnoid cysts

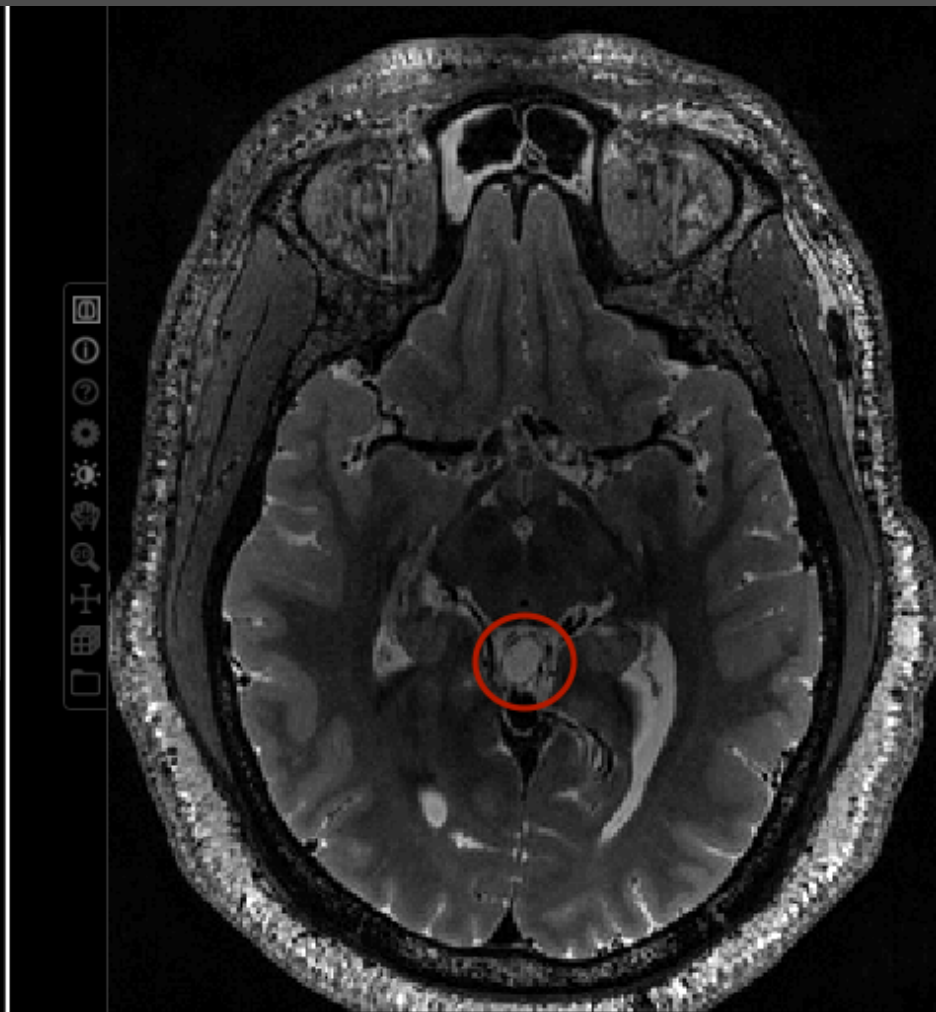


112112 - 900 release

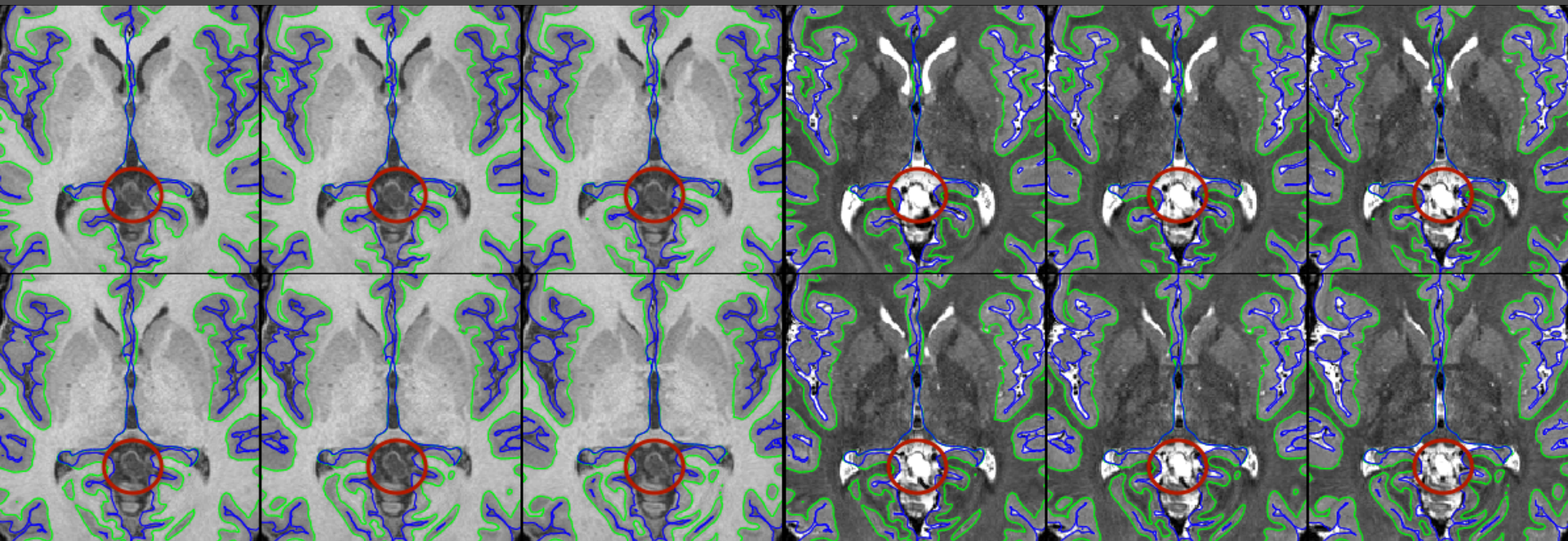


No map effect



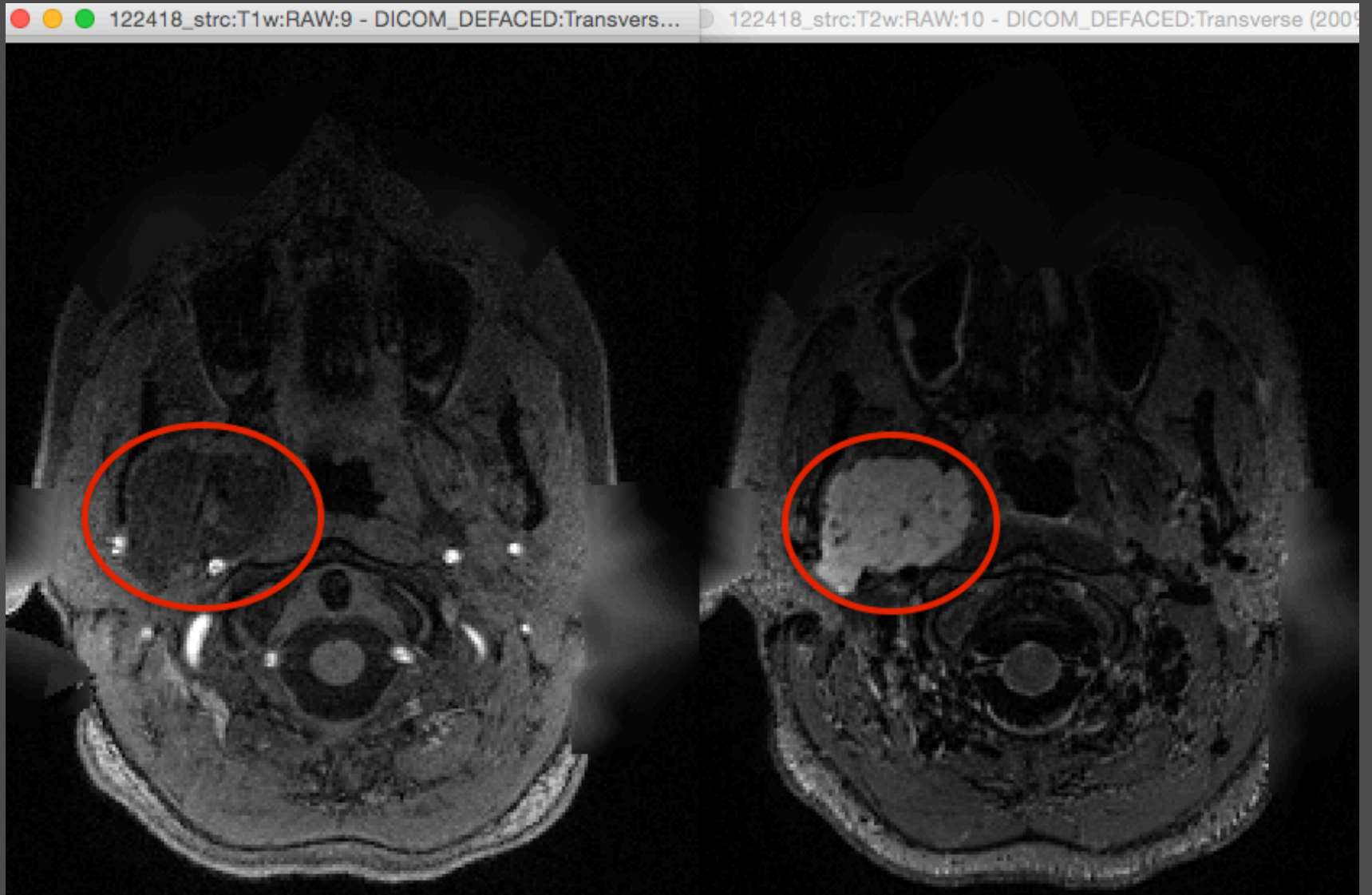


114924 - 500 release

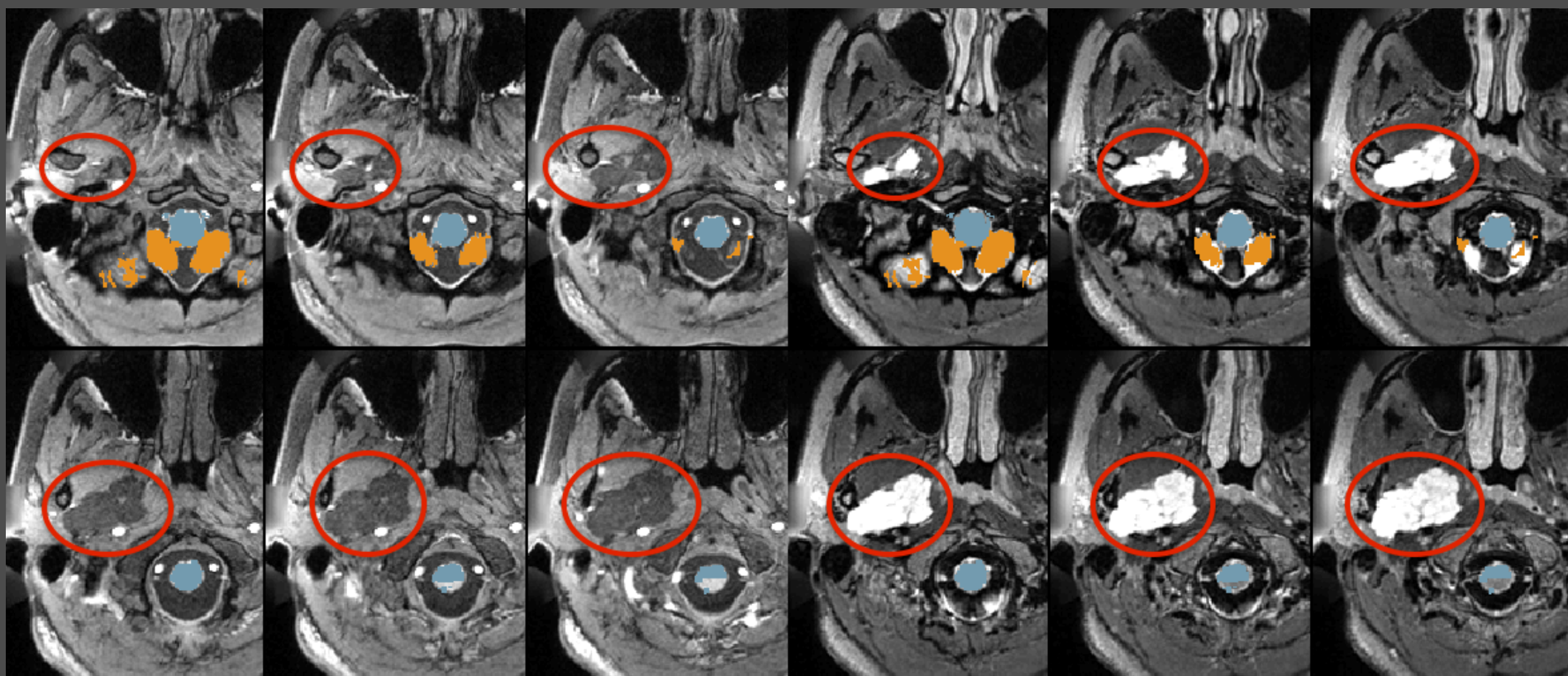


No surface effect

122418 - Mass in left jaw region



122418 - 1200 release

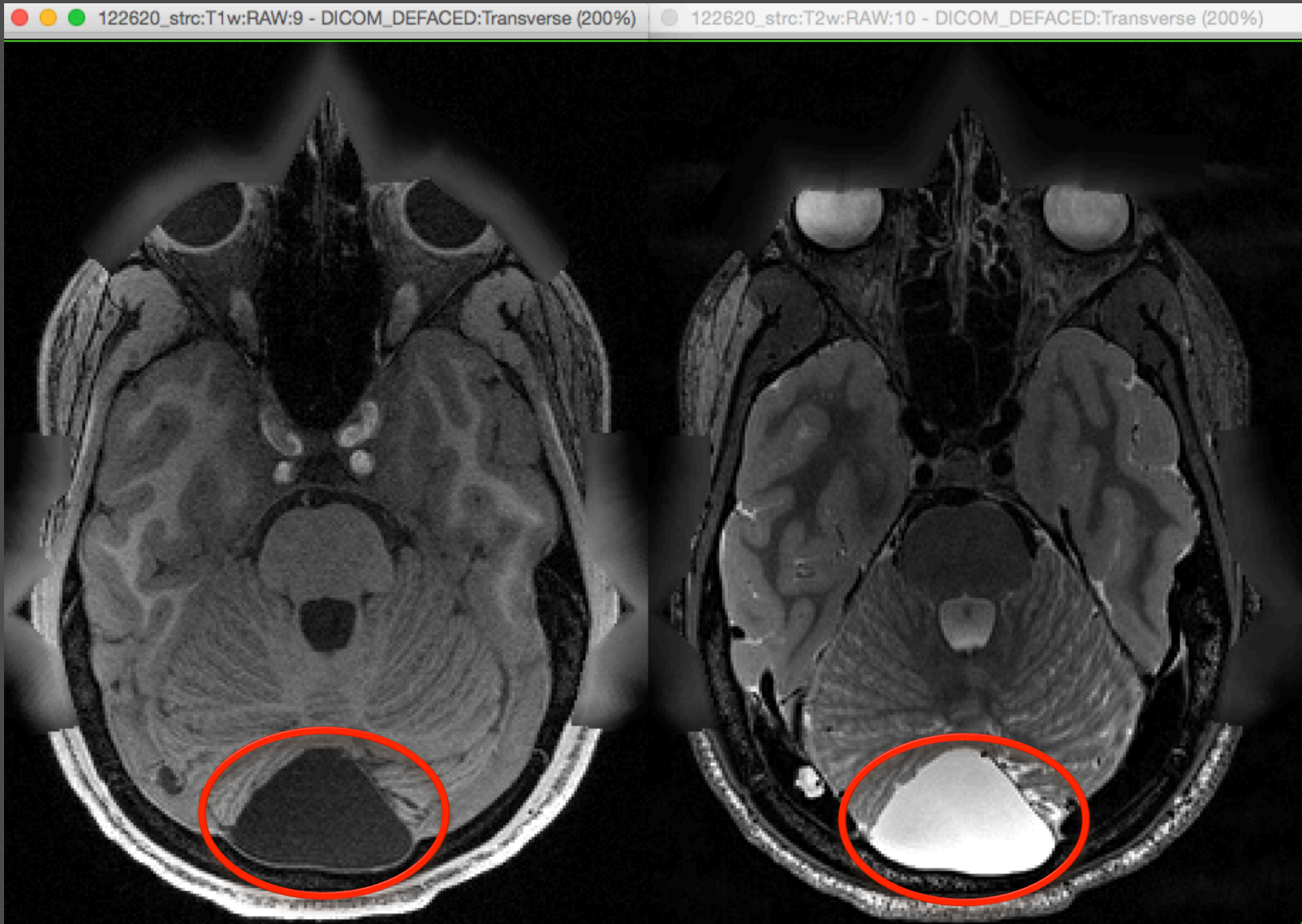


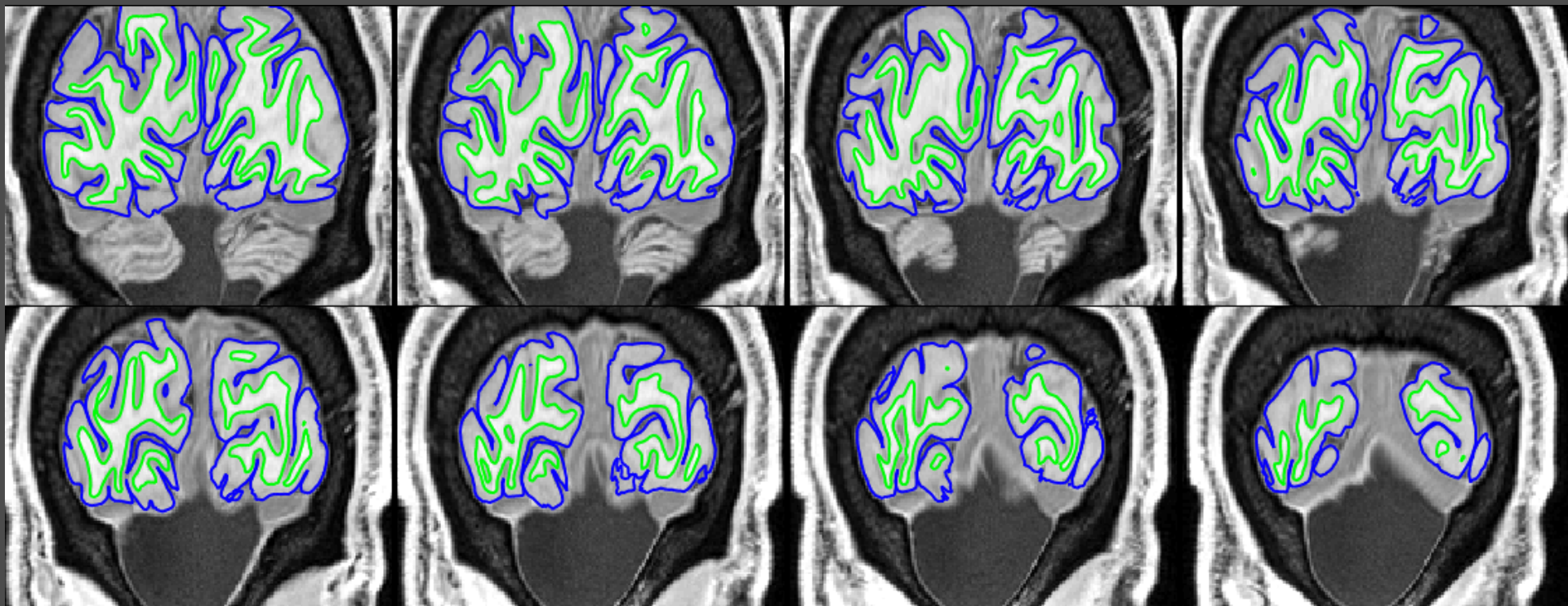
T1w

T2w

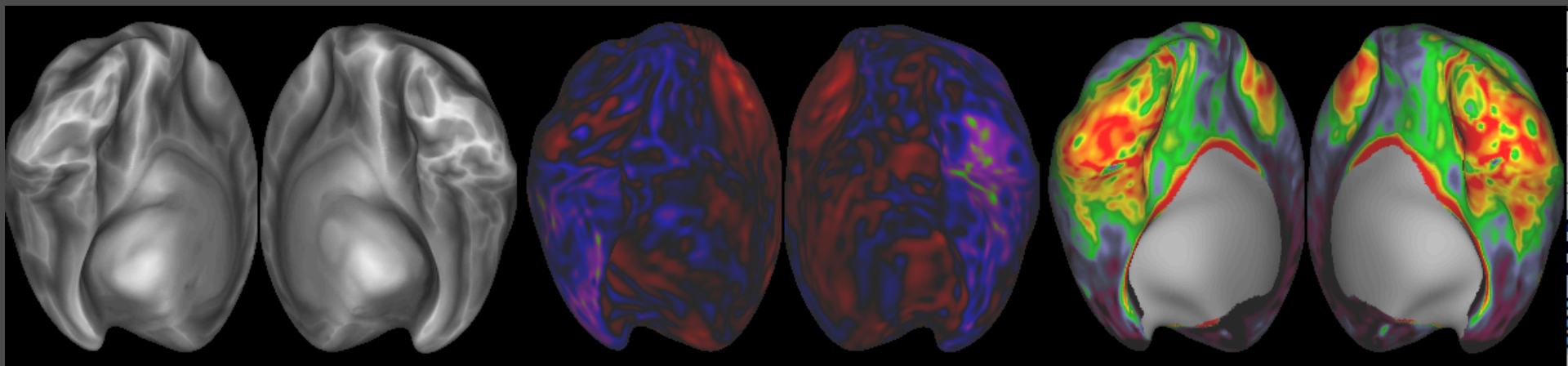
No surface effect

122620 - Large posterior fossa arachnoid cyst

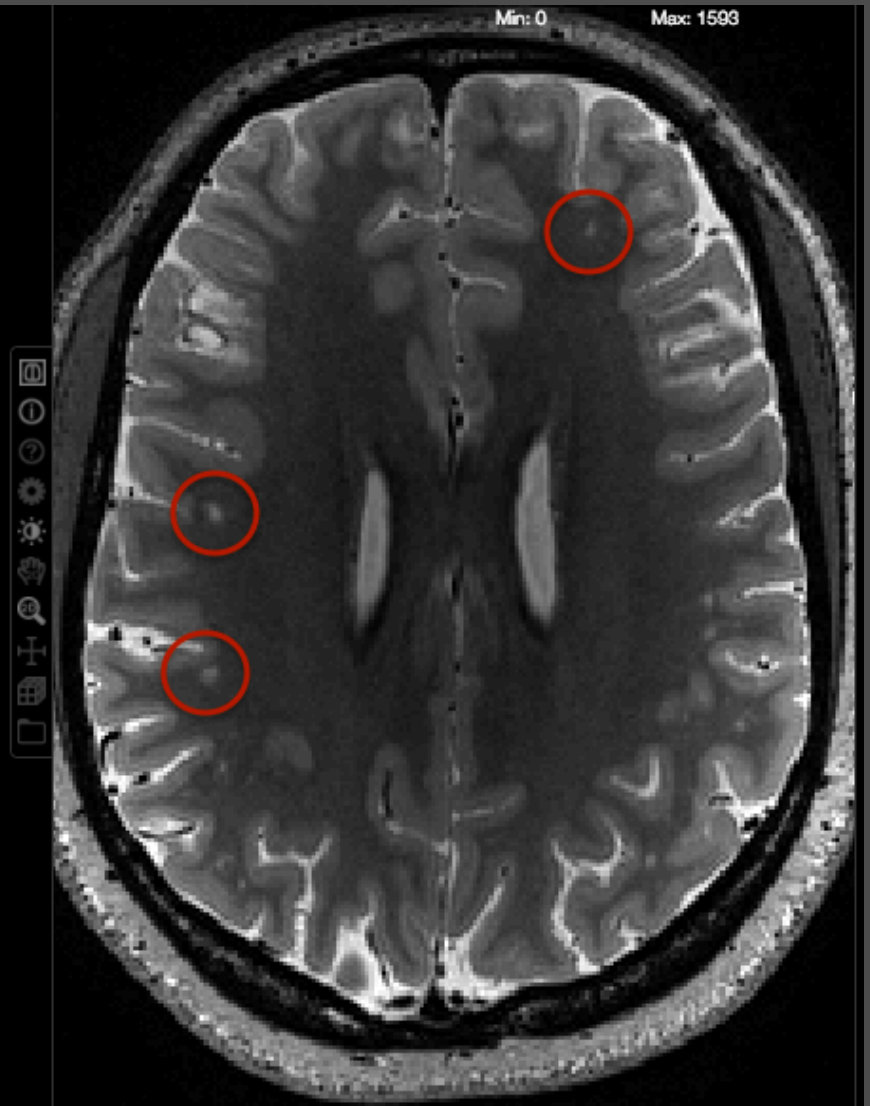
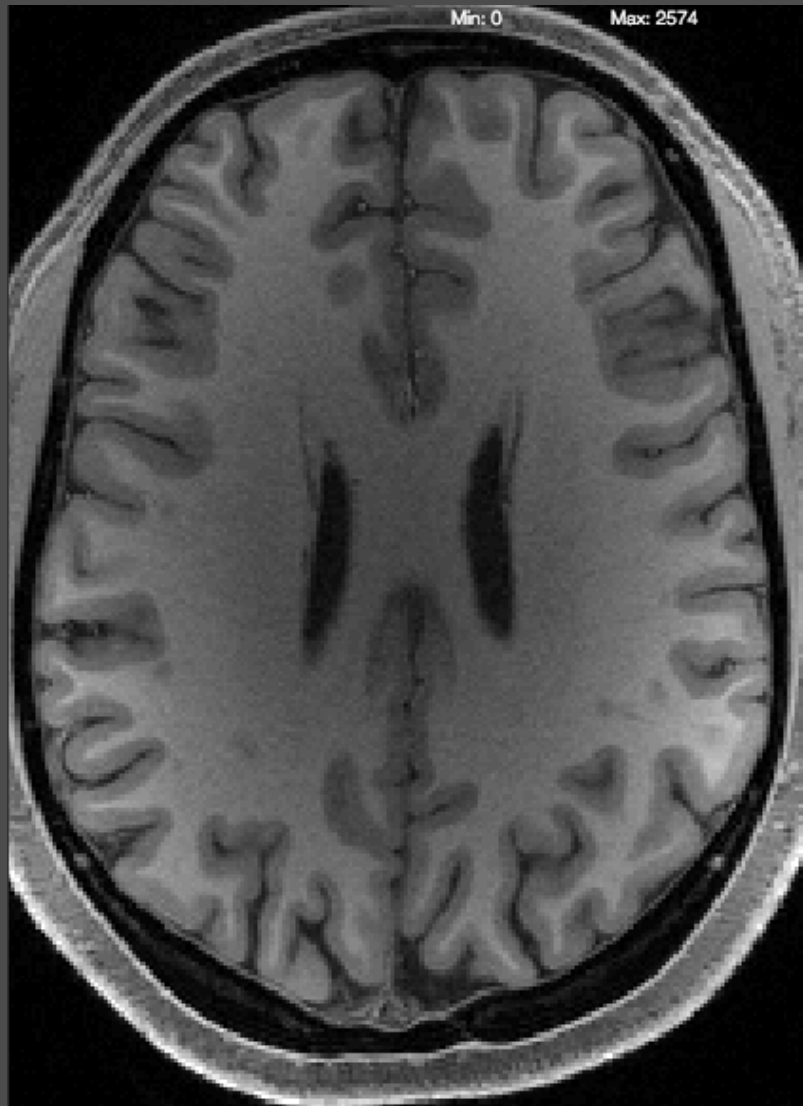


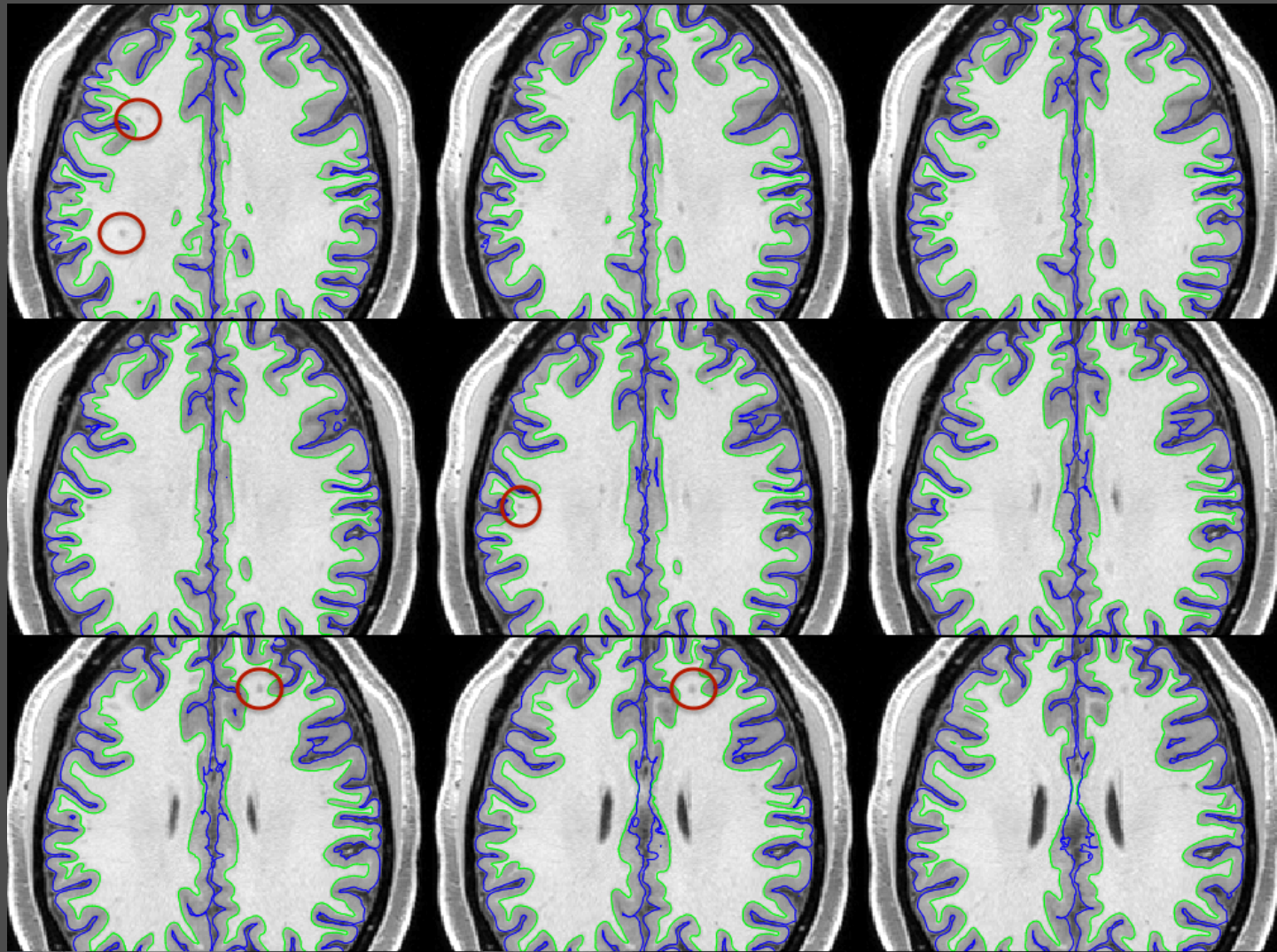


No map effect



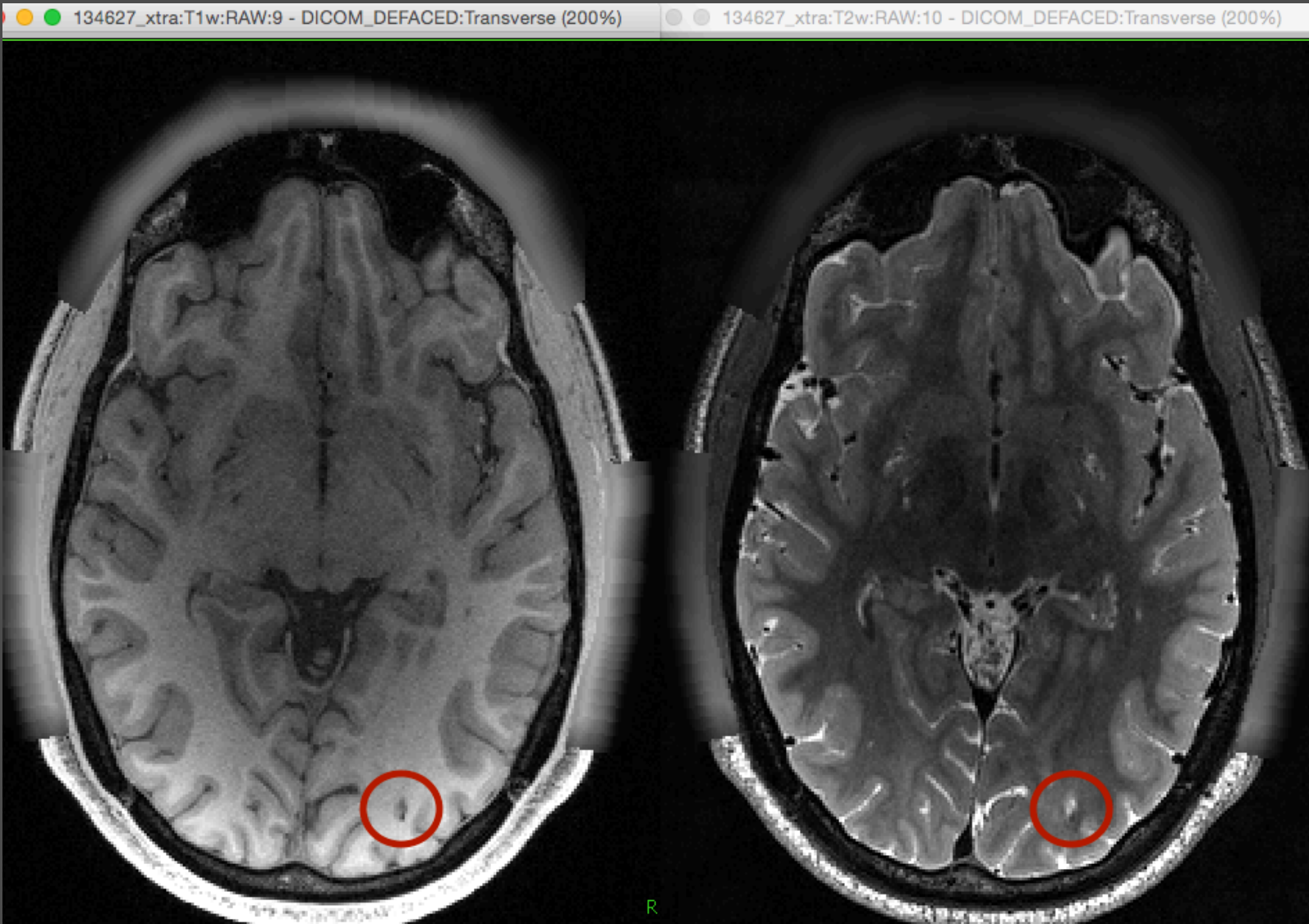
124422 - Scattered non-specific T2 foci



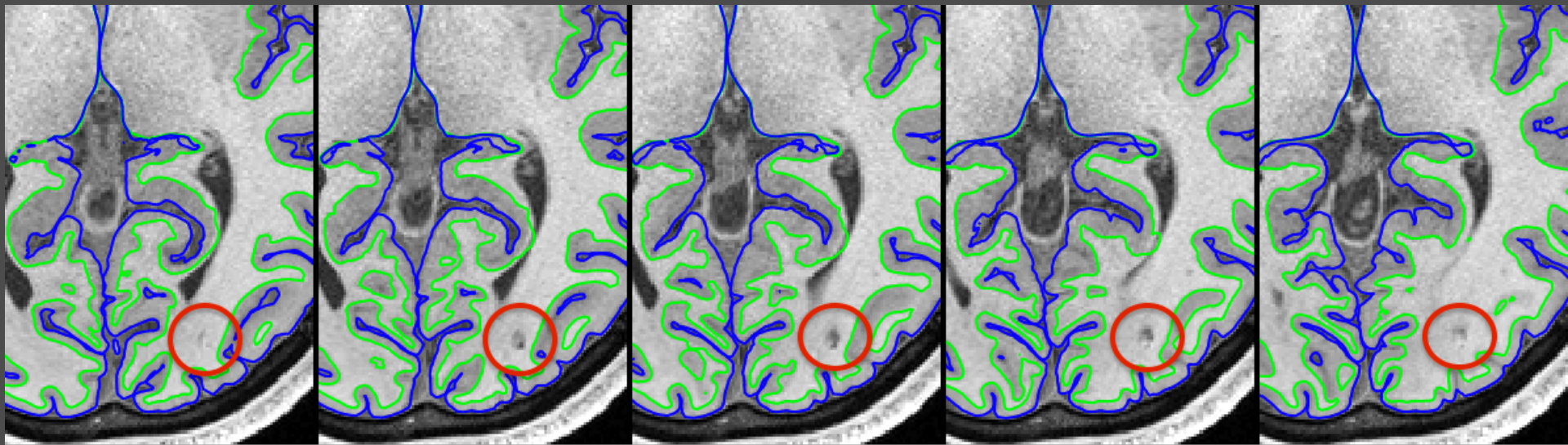


No surface effect

134627 - Small cavernoma right occipital



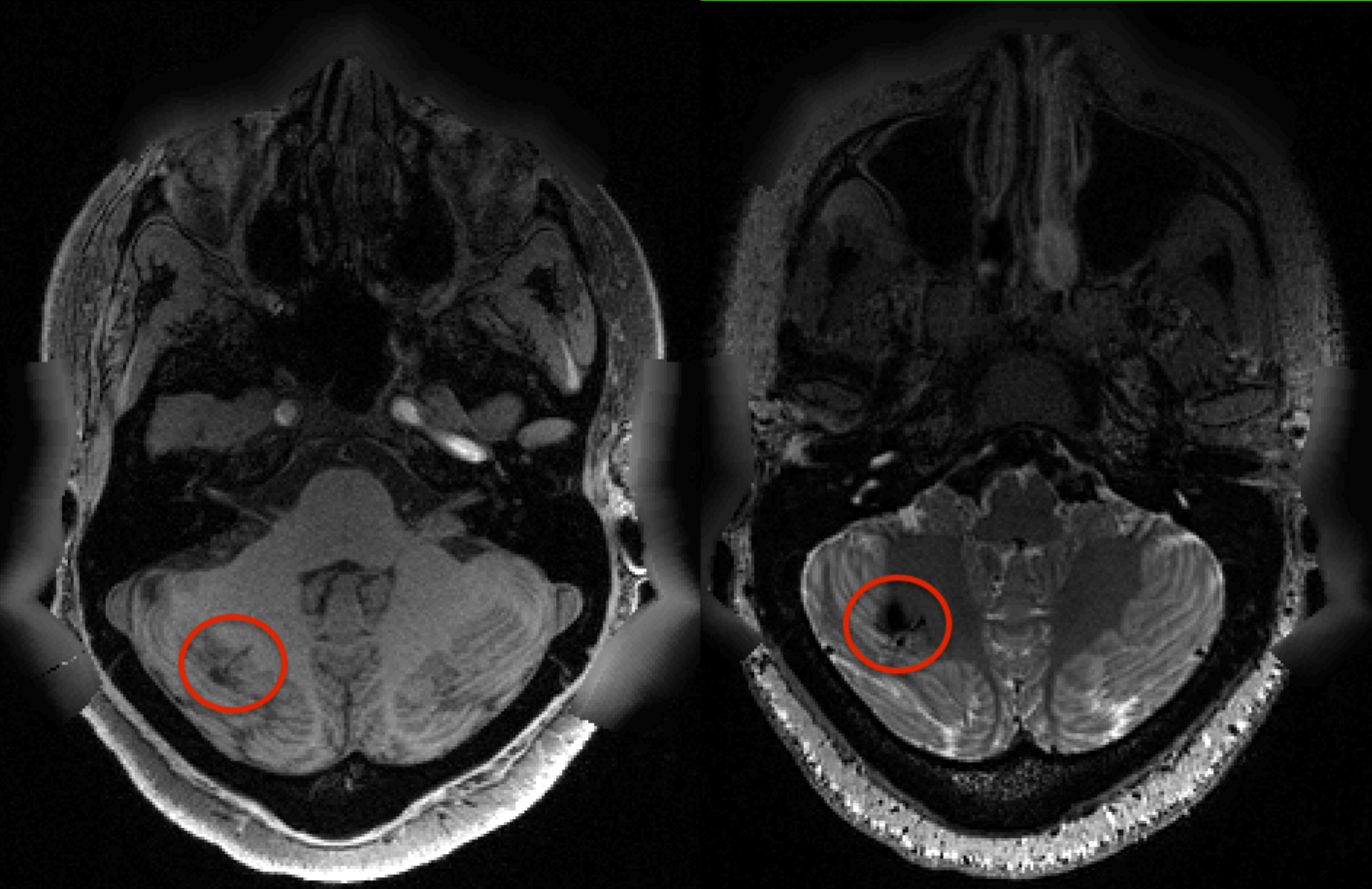
134627 - 1200 release



No surface effect

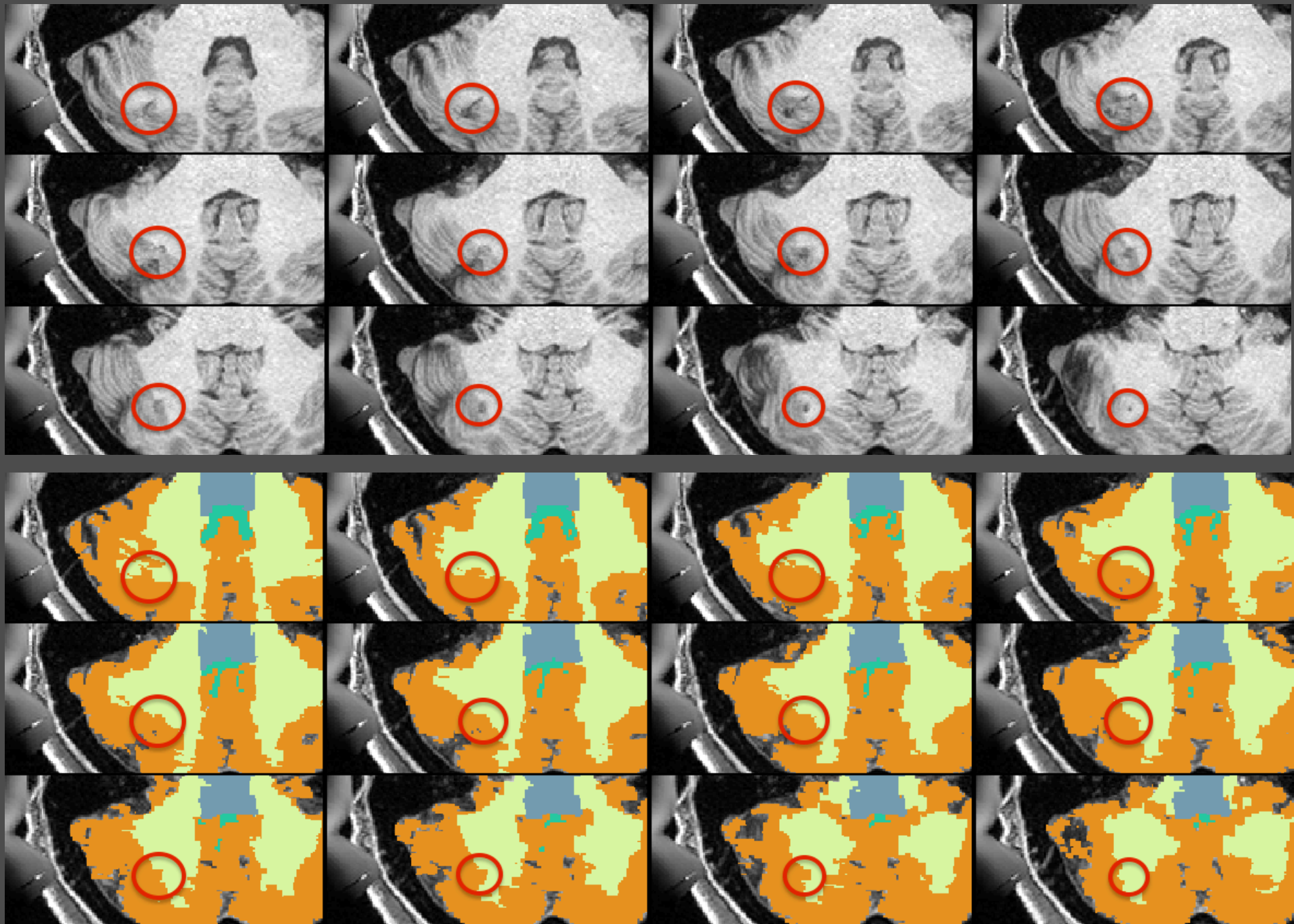
134829 - Small cavernoma and DVA in left cerebellum

134829_strc:T1w:RAW:9 - DICOM_DEFACED:Transverse (200%) 134829_strc:T2w:RAW:12 - DICOM_DEFACED:Transverse (200%)



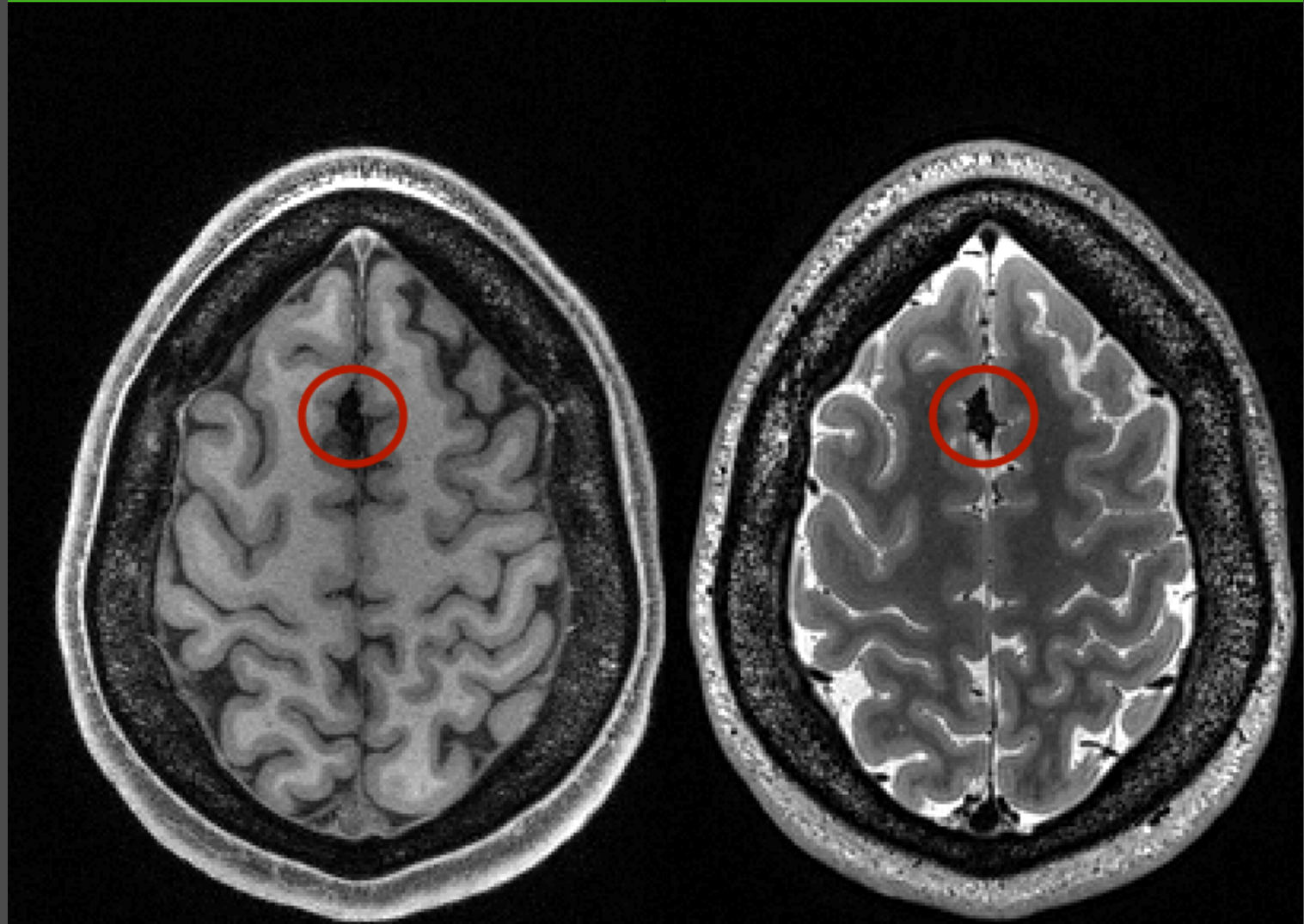
134829 - 900 release

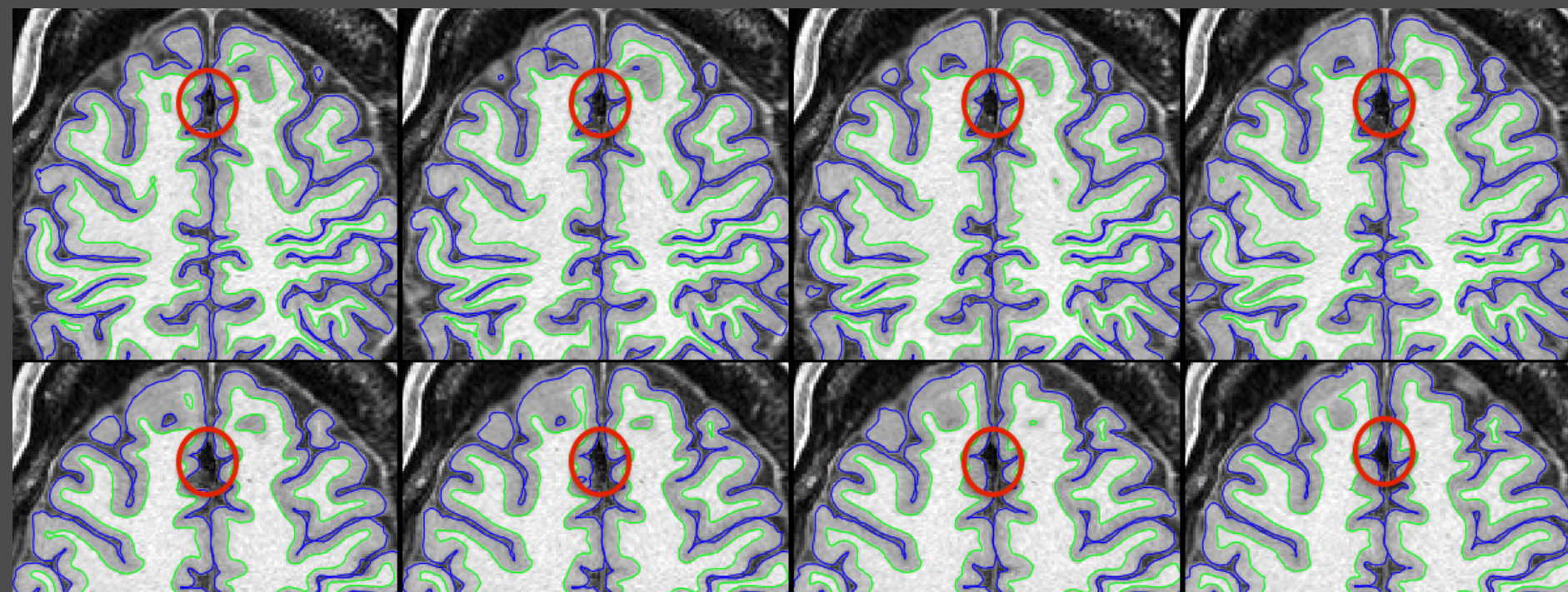
No surface effect



139637 - Large midline calcification

139637_strc:T1w:RAW:11 - DICOM_DEFACED:Transverse (200) 139637_strc:T2w:RAW:10 - DICOM_DEFACED:Trans..

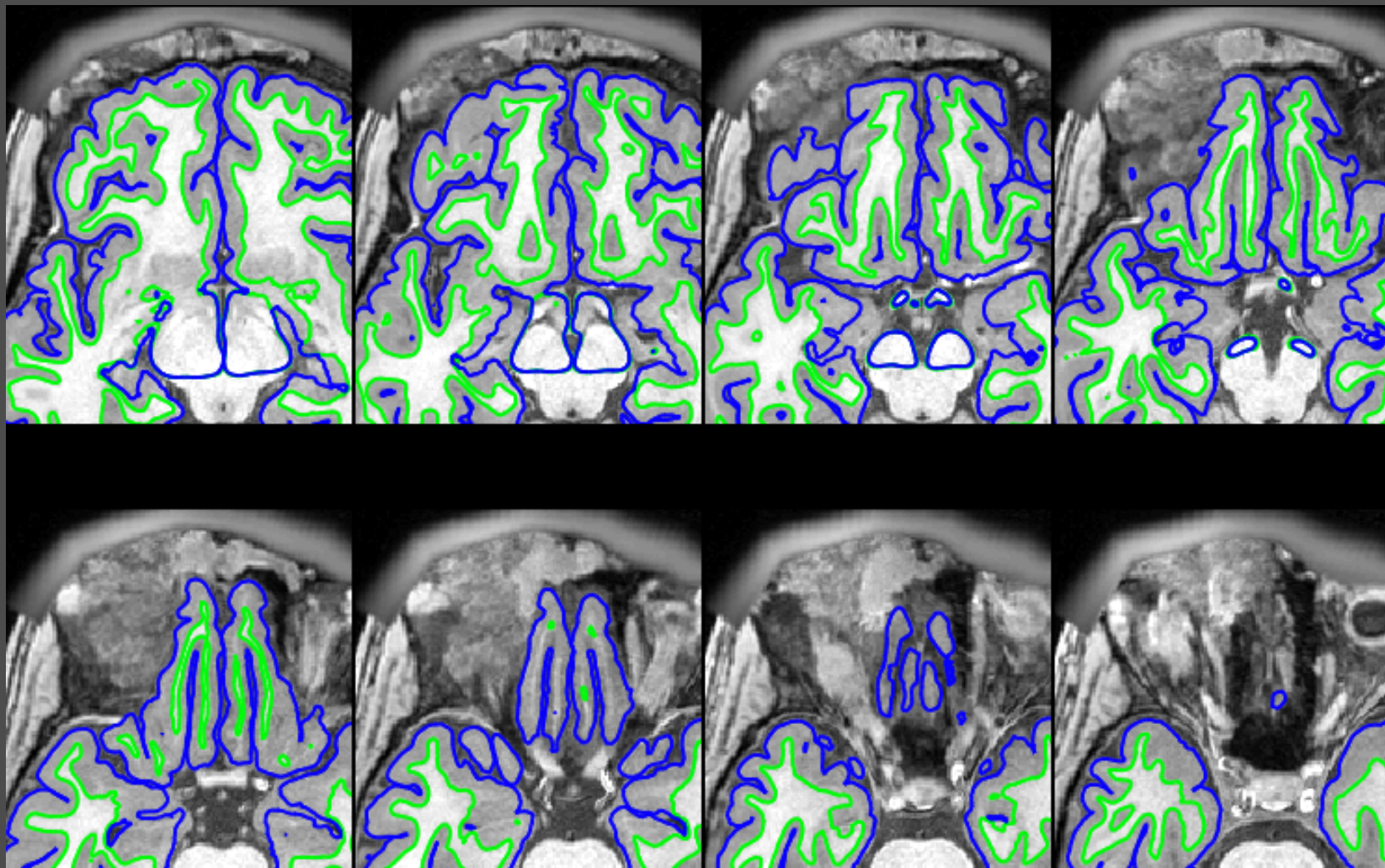




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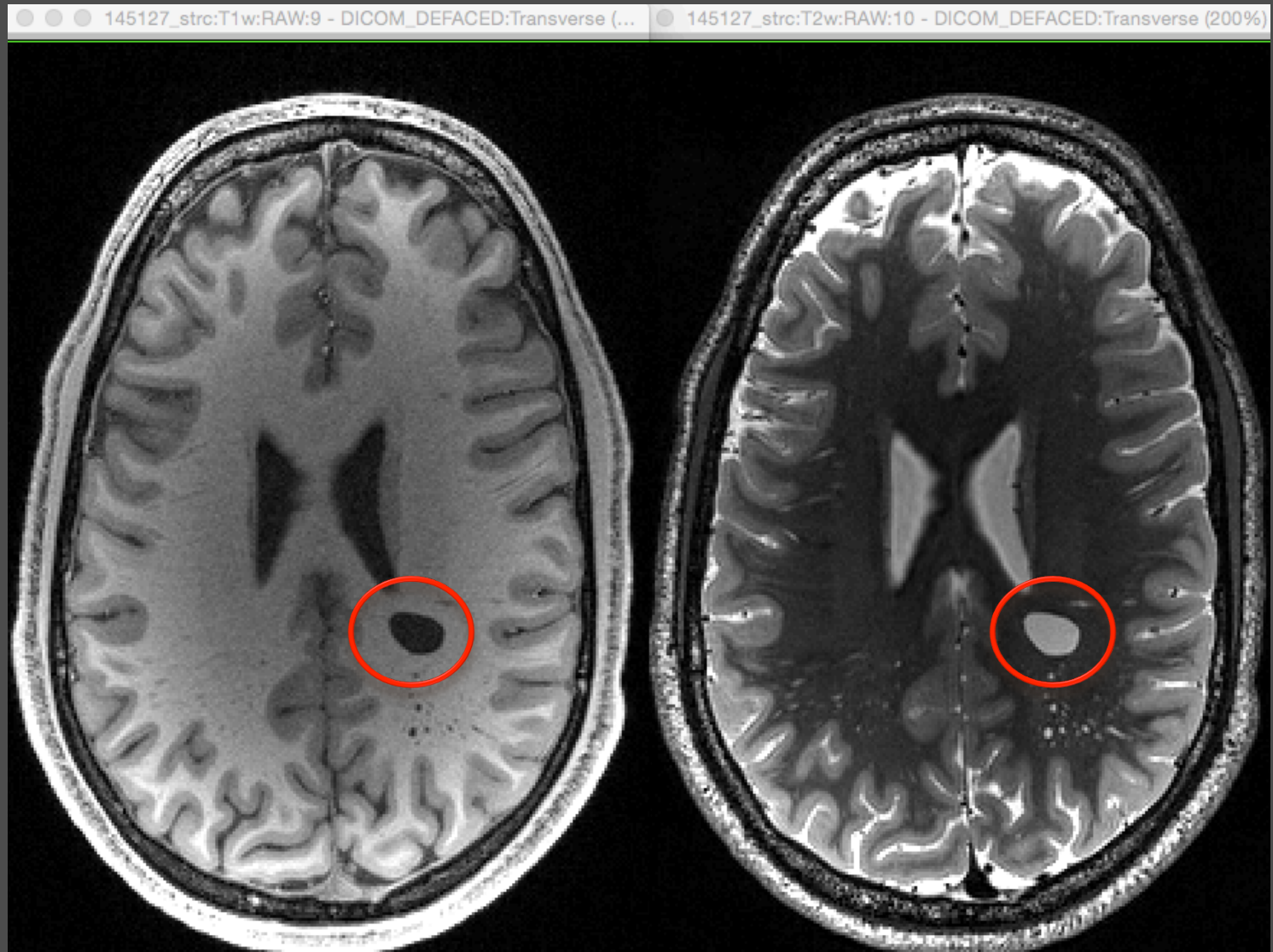
140117 - Thickening of the left frontal bone, likely fibro-osseous lesion

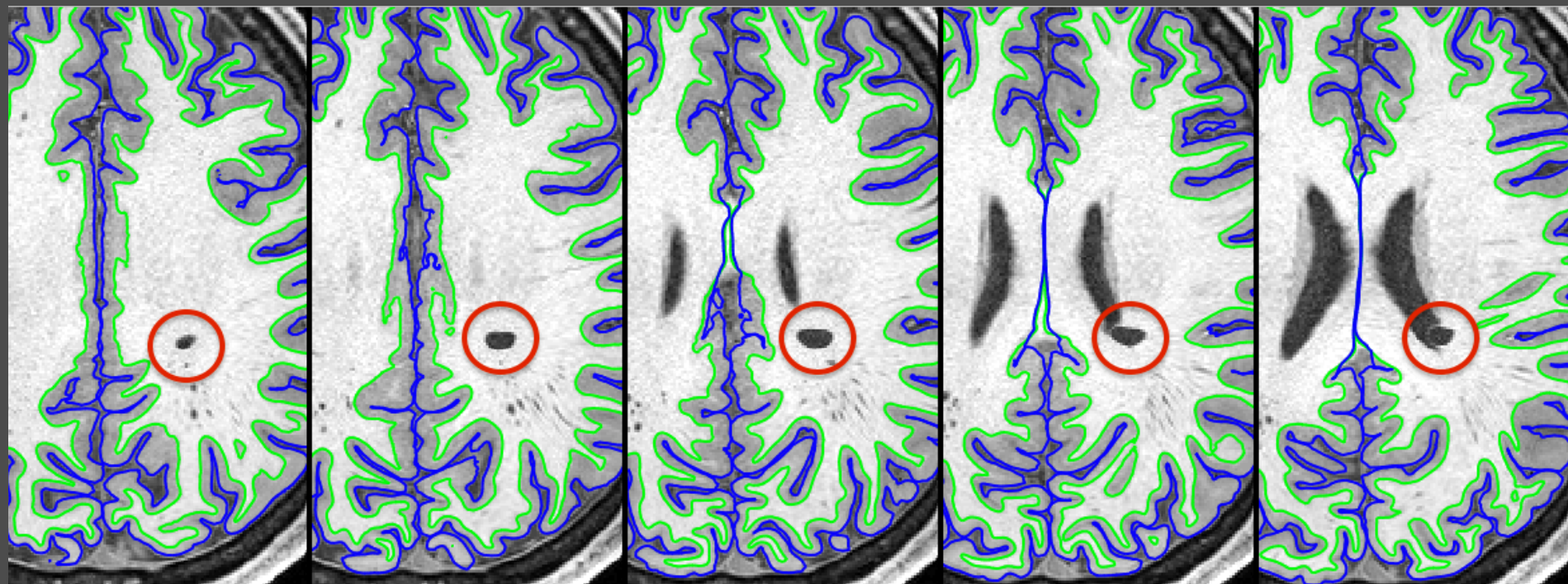




No surface effect

145127 - Right parietal lobe cyst

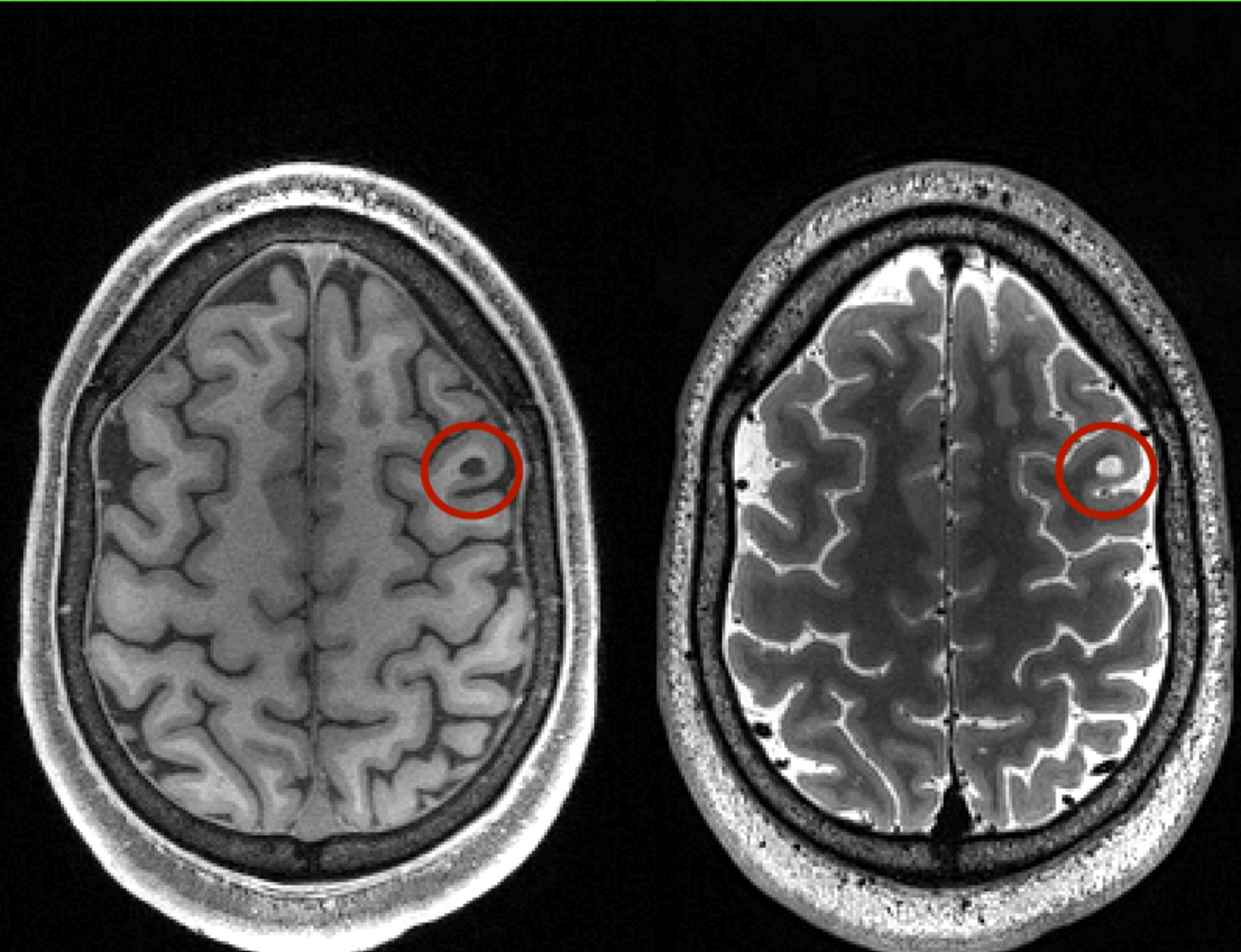




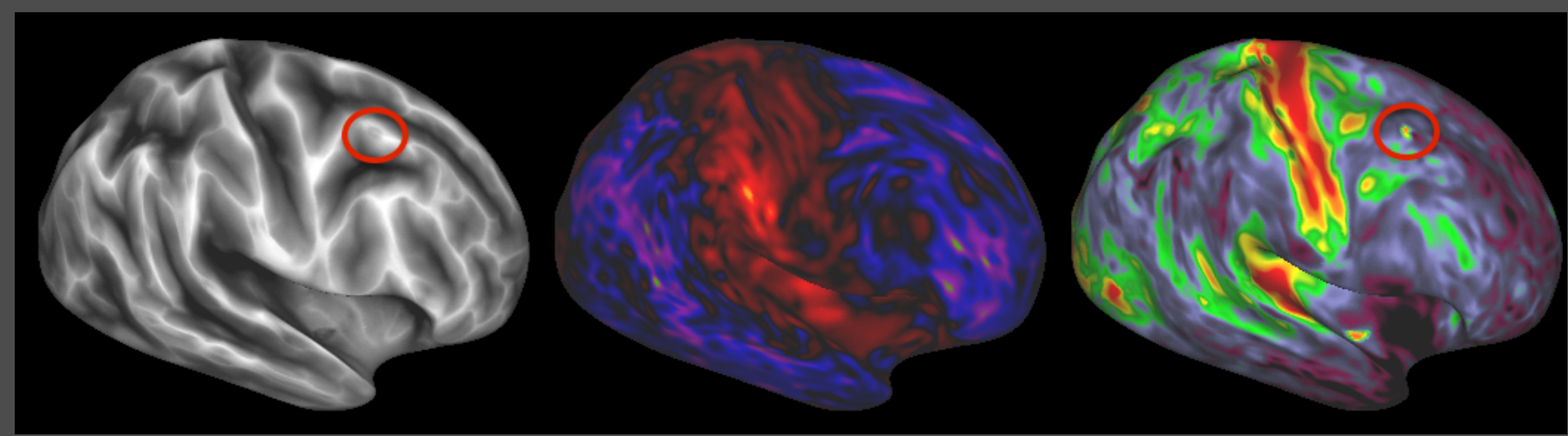
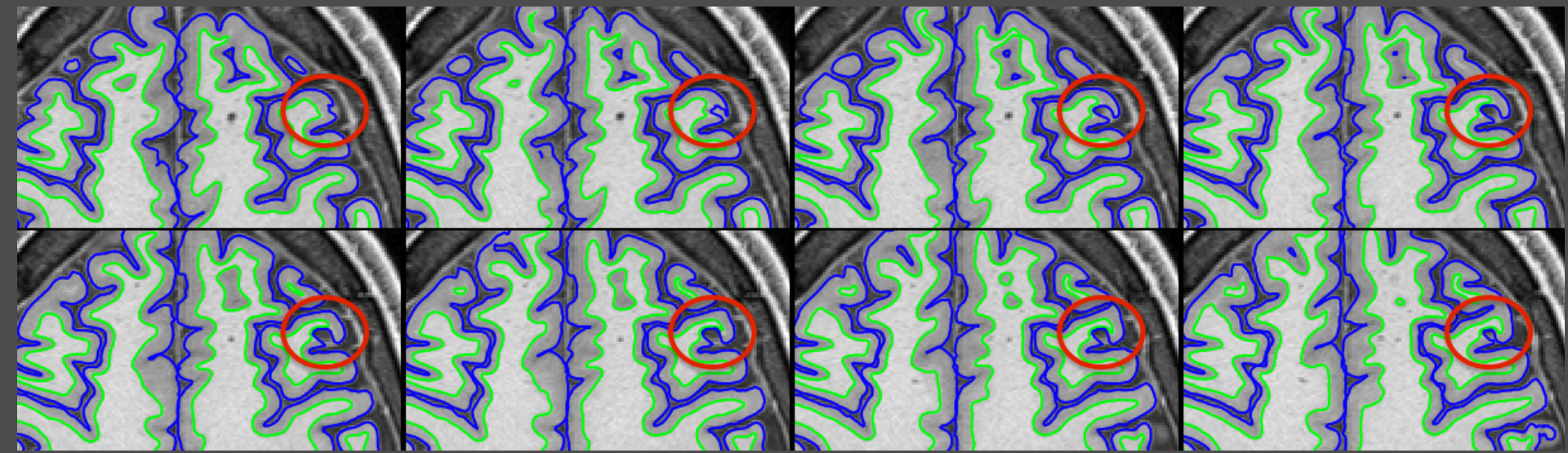
No surface effect

146836 - Small right dorsal benign cyst

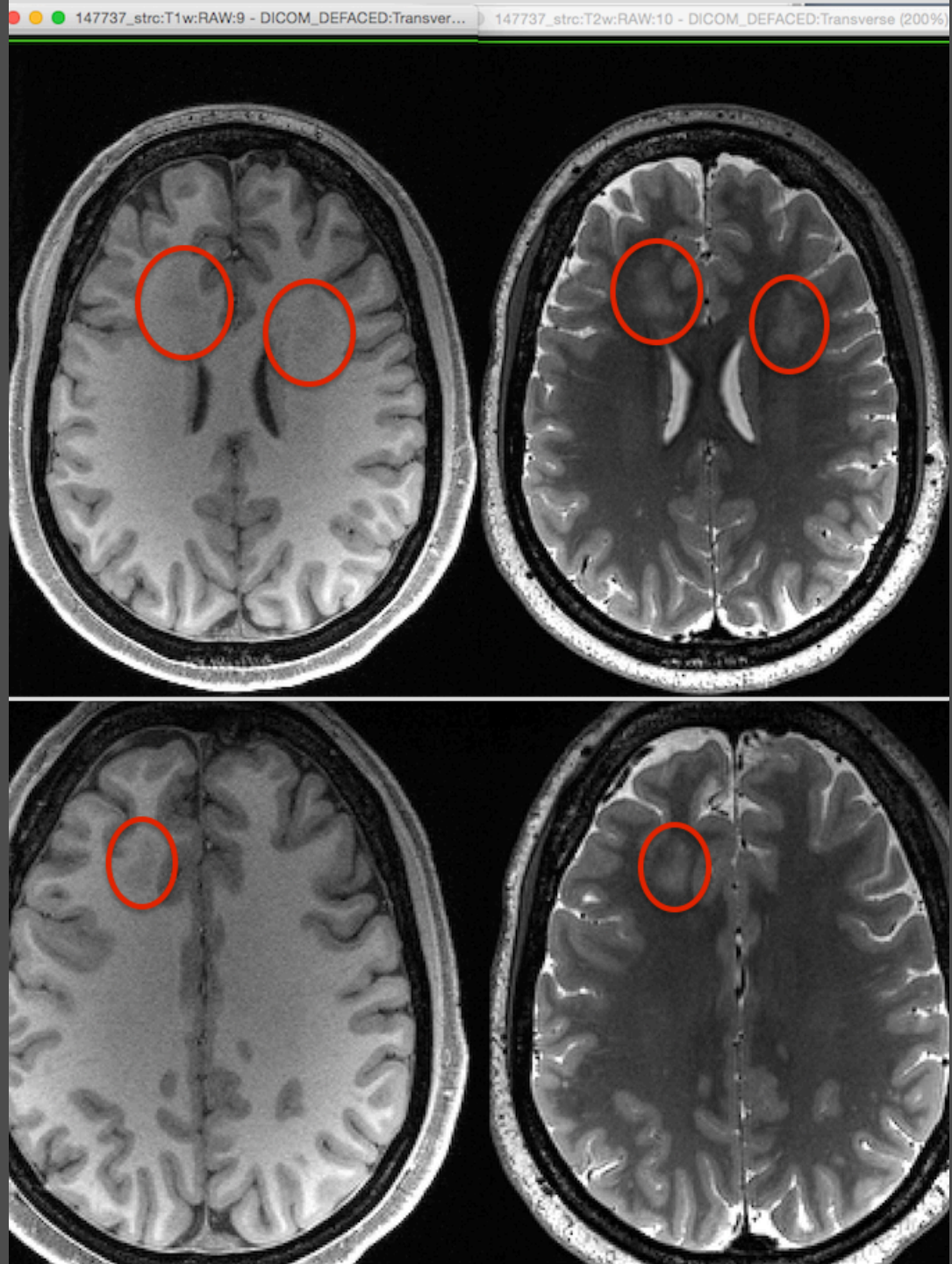
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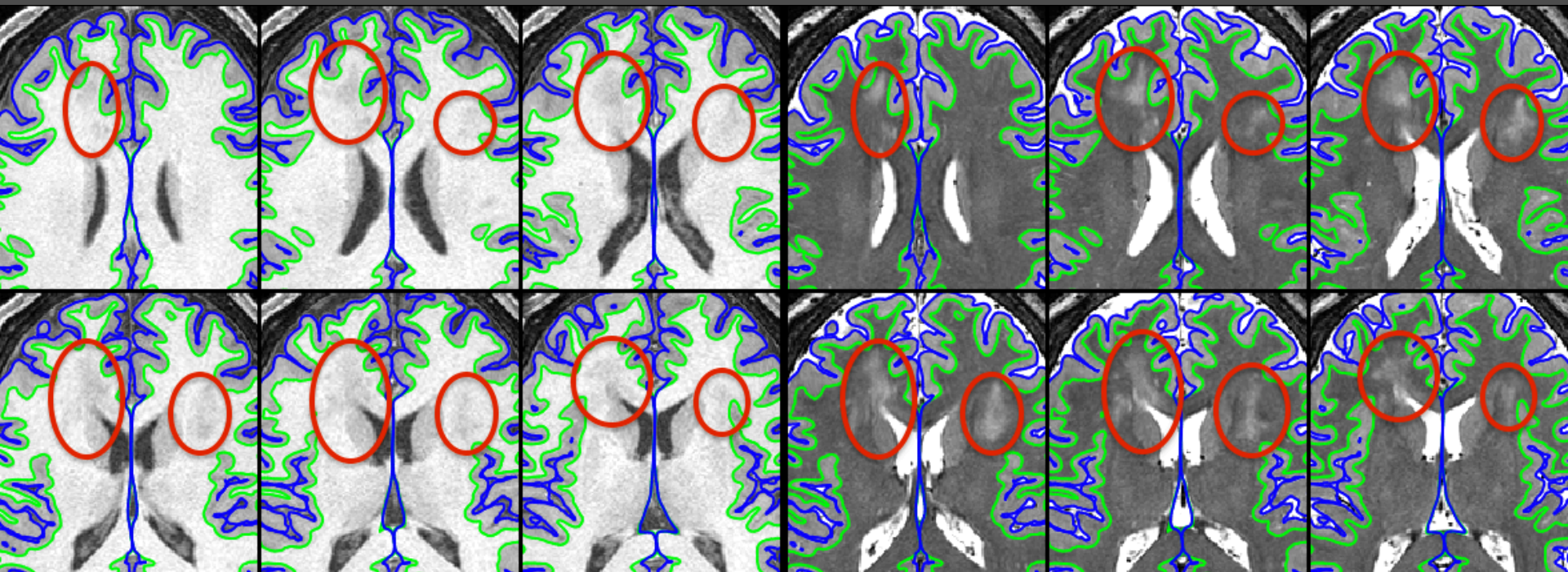


146836 - 1200 release



147737 - Frontal lobe white matter atypicalities



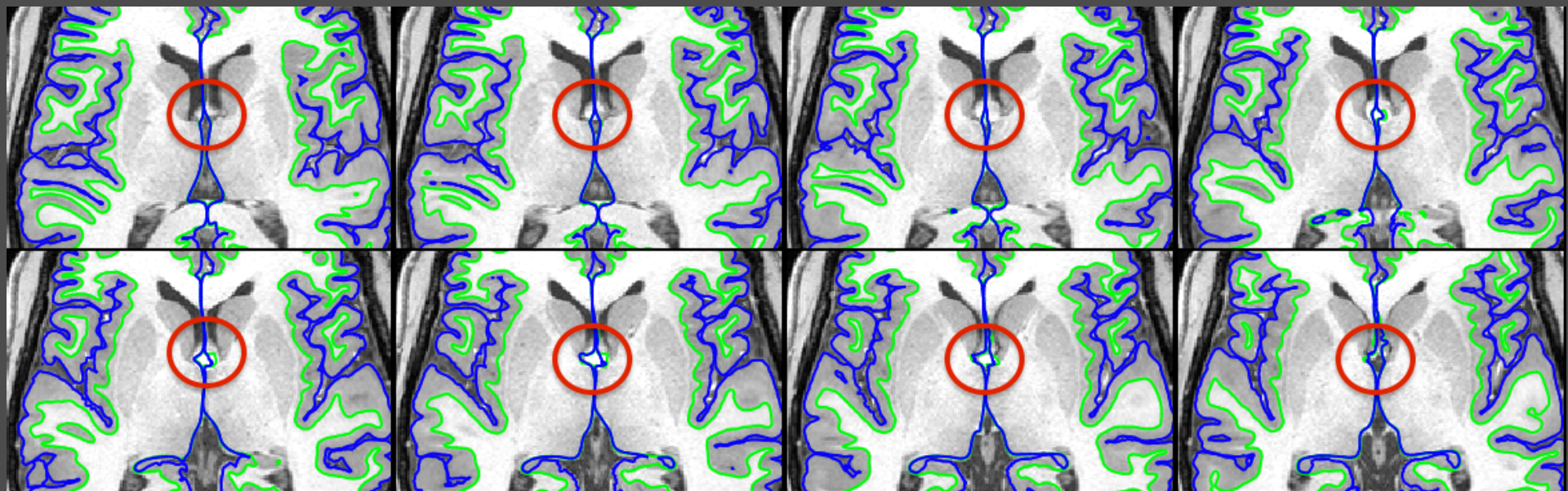


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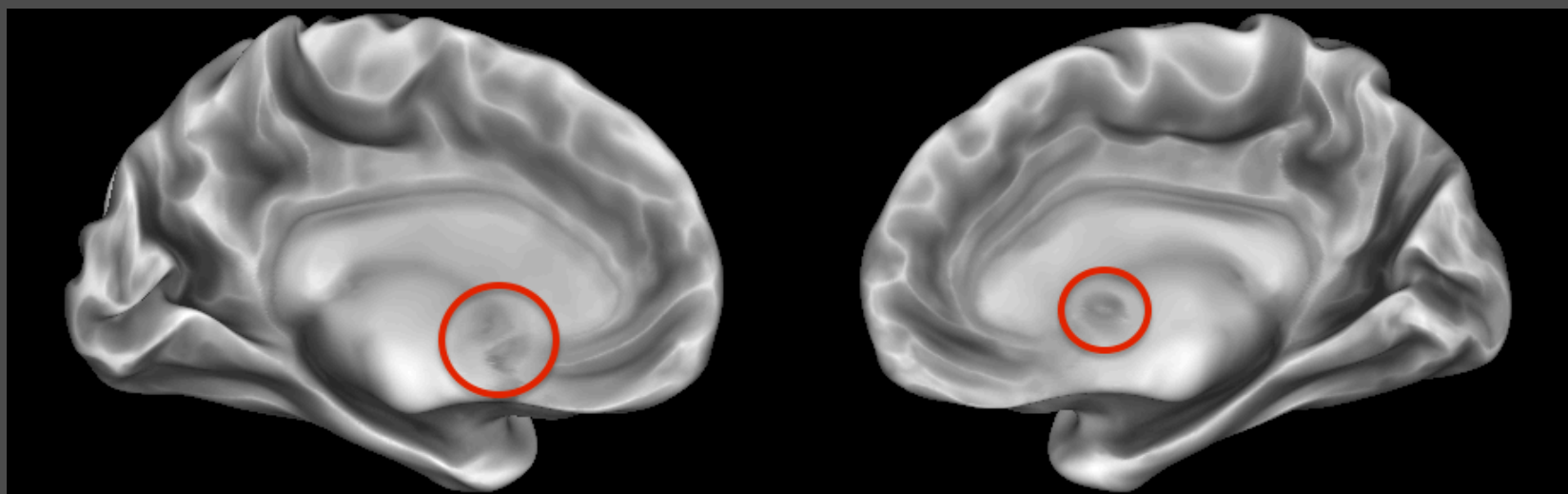
148840 - Midline colloid cyst



148840 - 500 release

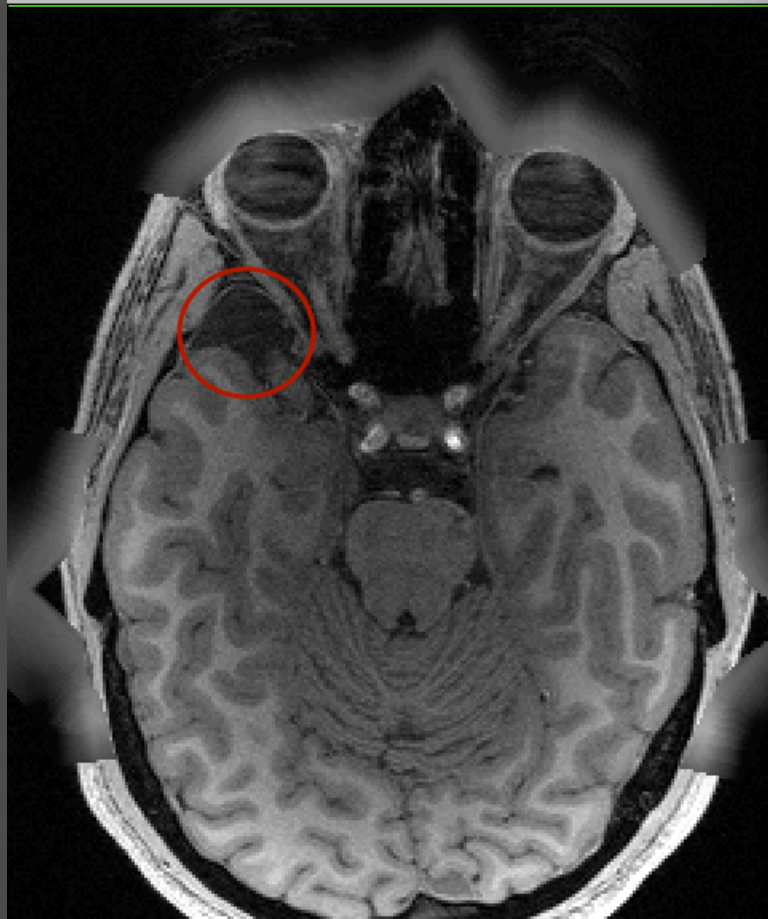


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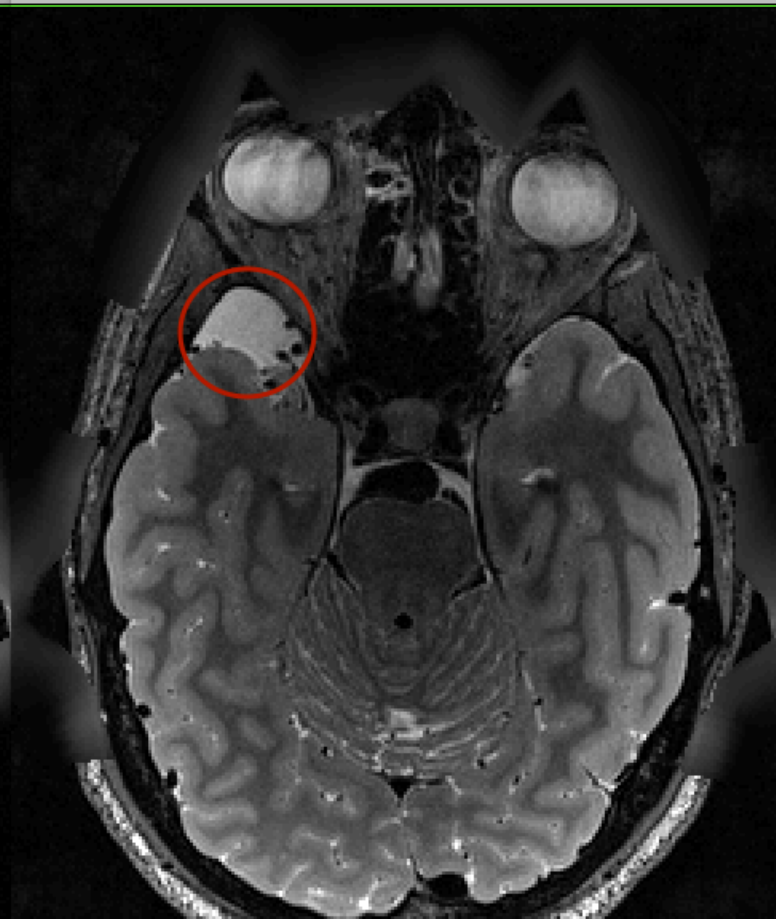


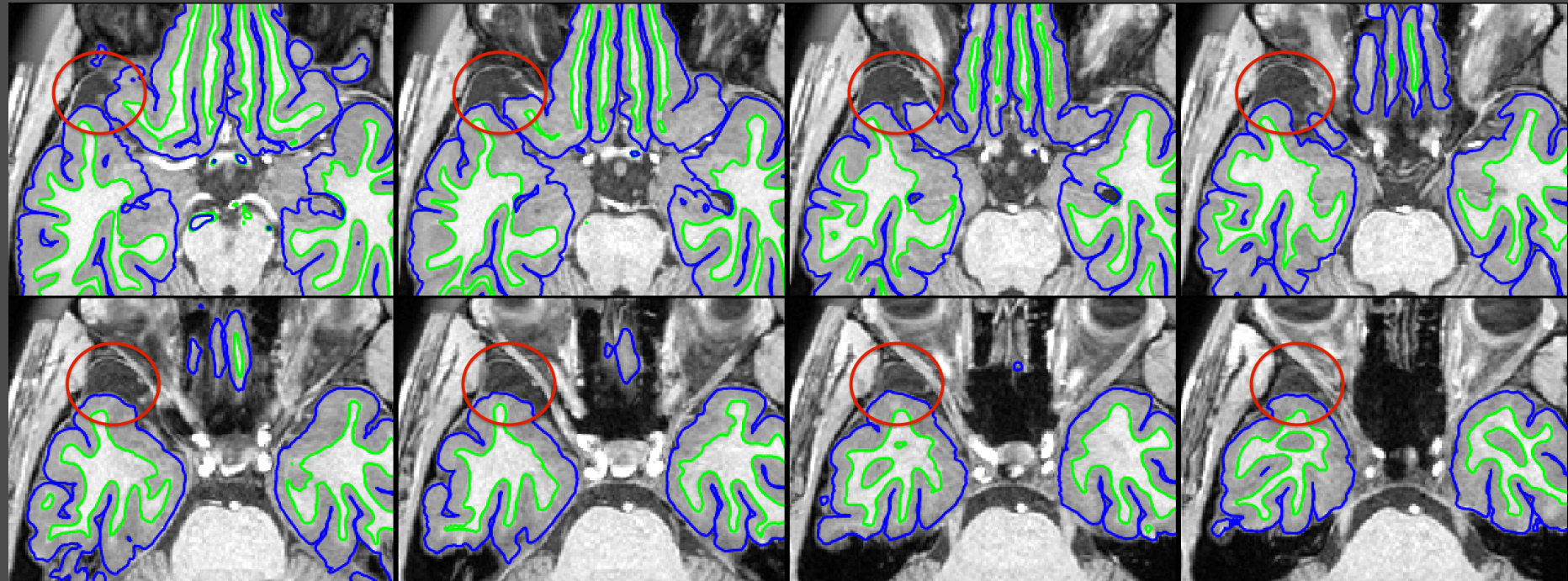
150019 - Left anterior temporal arachnoid cyst

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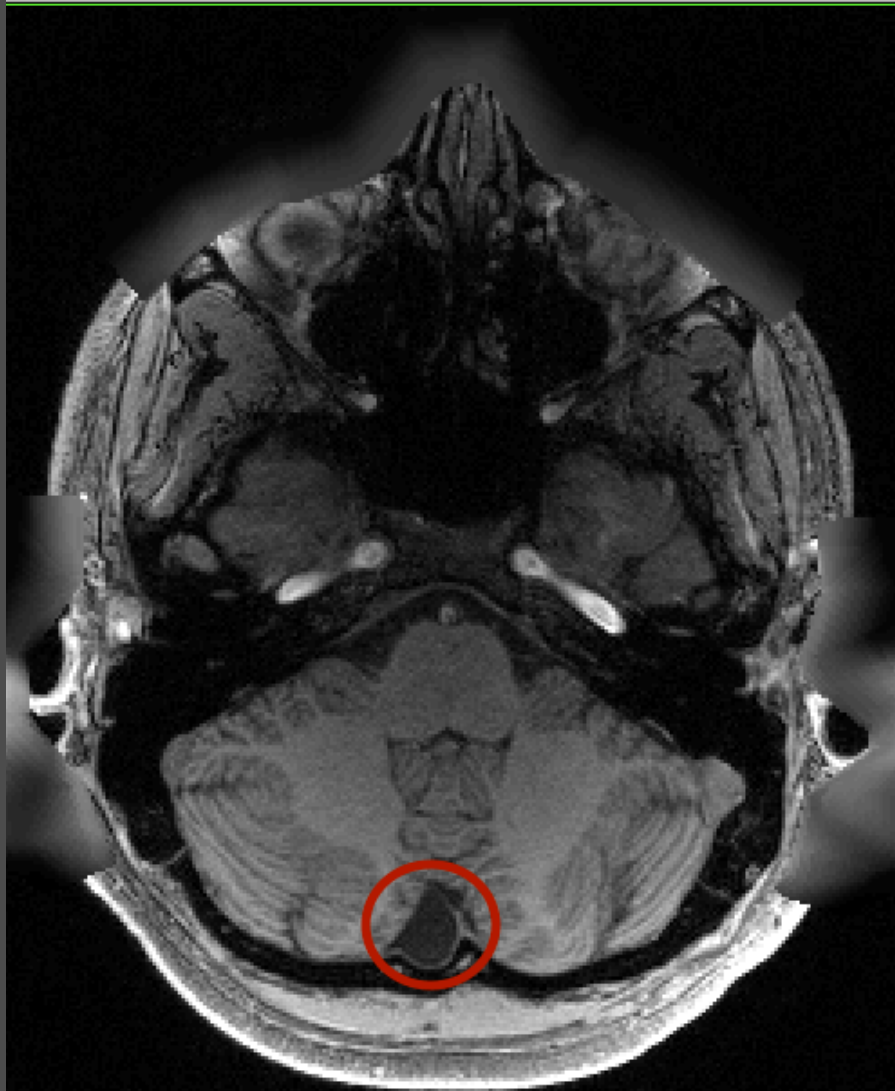




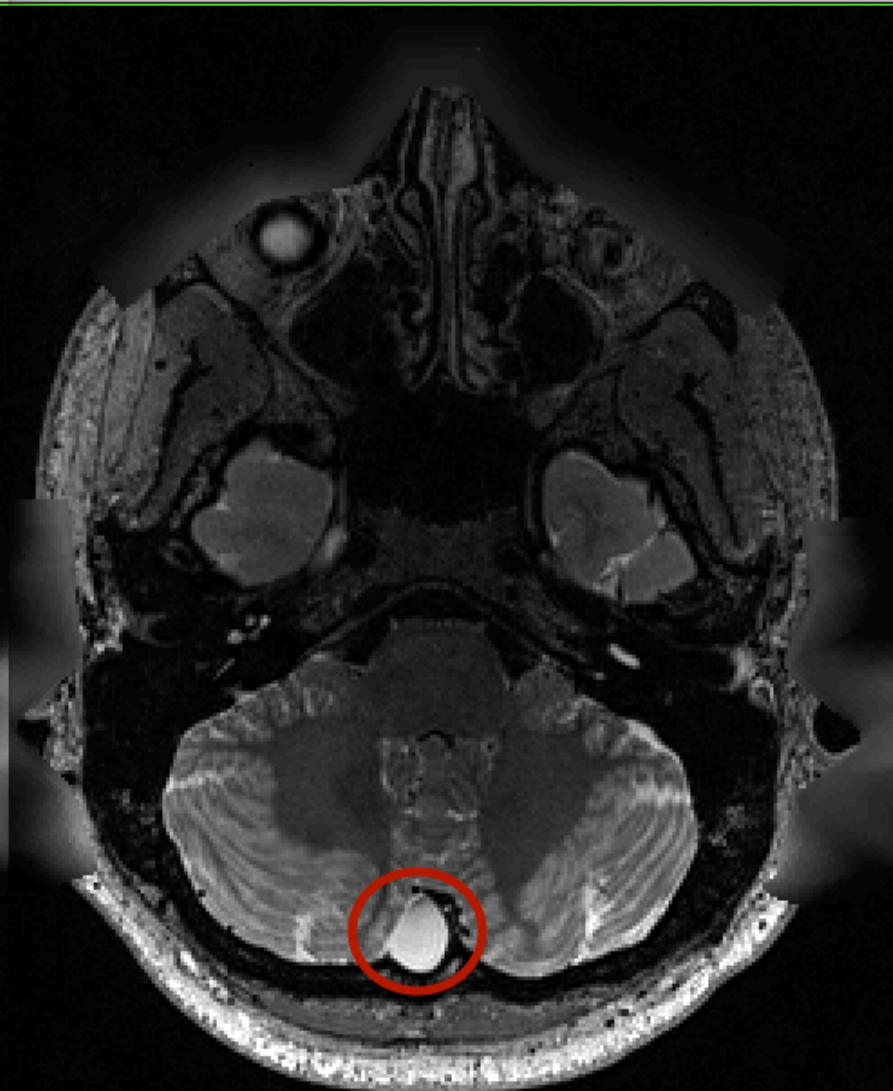
No surface effect

156435 - Small posterior fossa arachnoid cyst

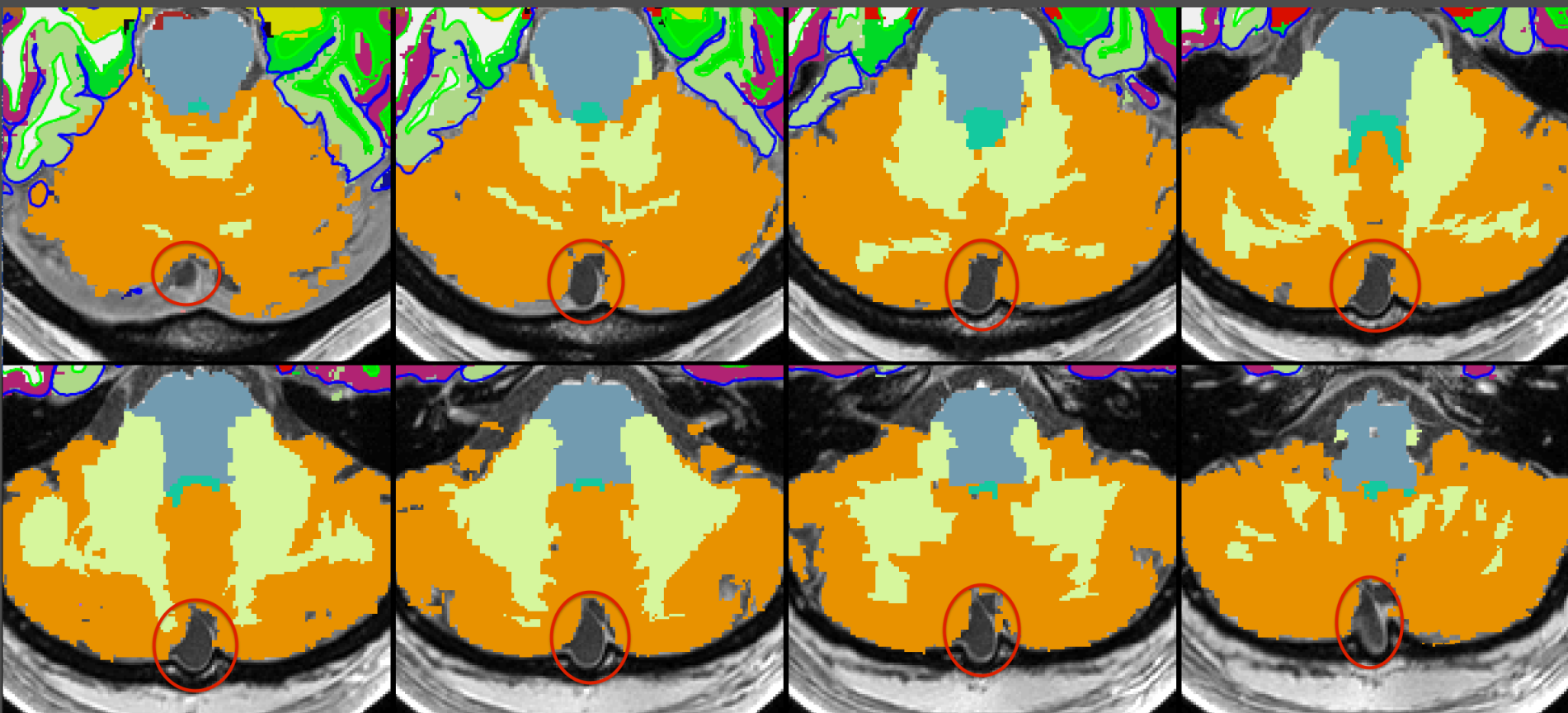
156435_strc:T1w:RAW:9 - DICOM_DEFACED:Transverse (200%)



156435_strc:T2w:RAW:10 - DICOM_DEFACED:Transverse (200%)



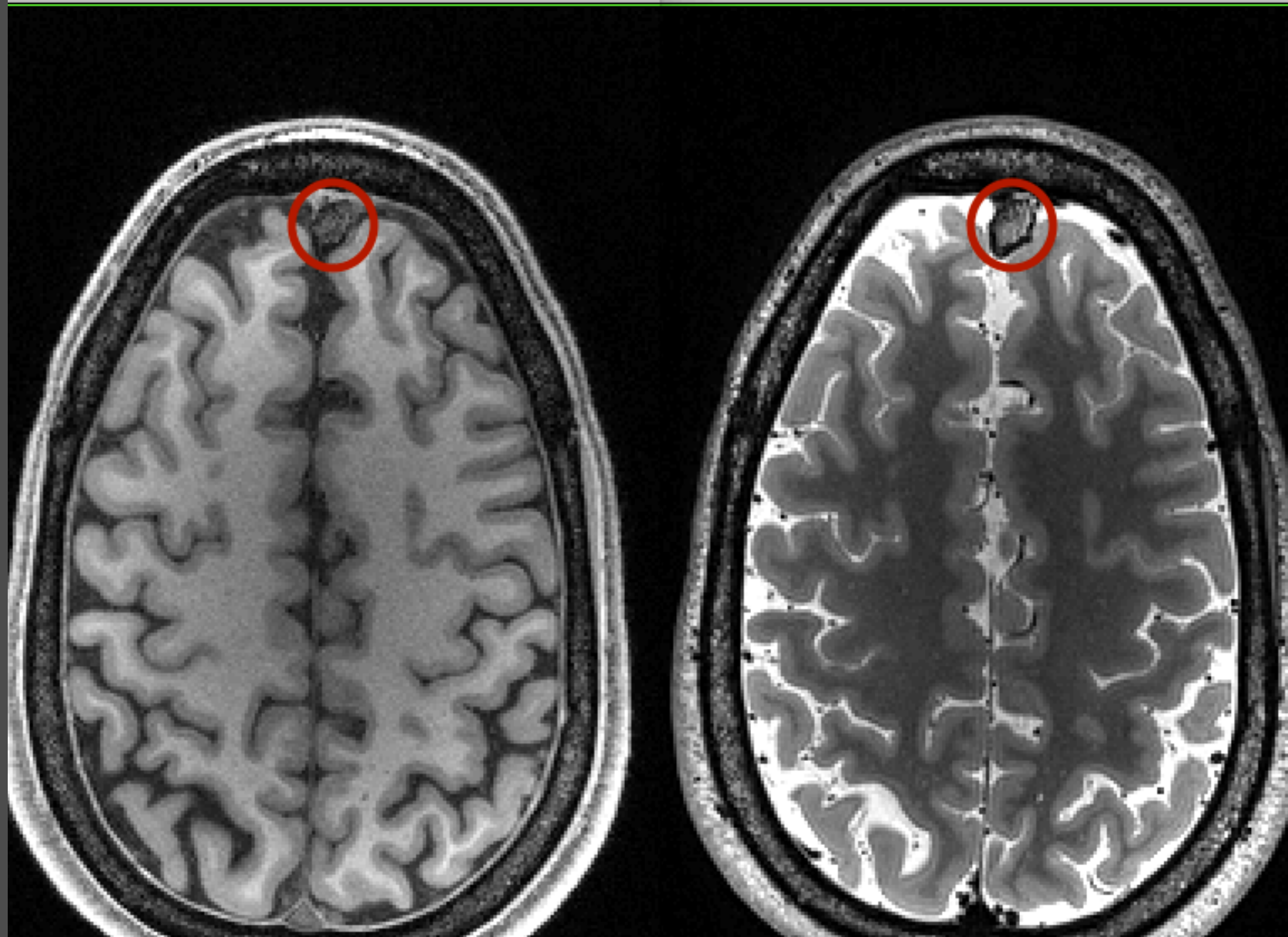
156435 - 900 release

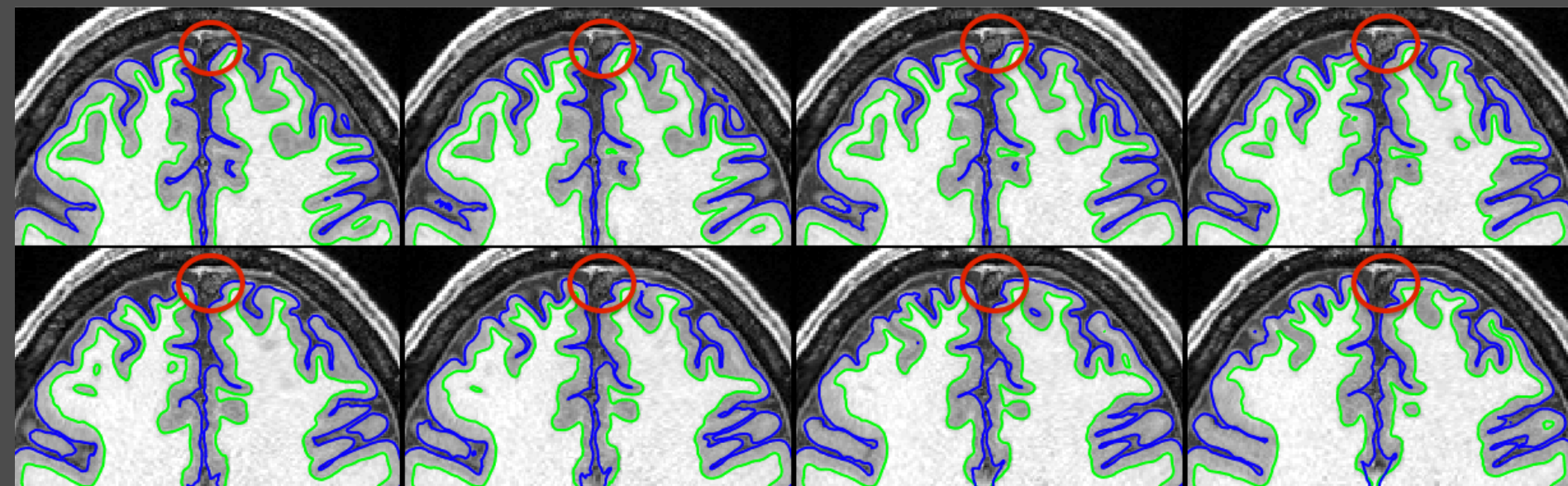


No surface effect

163432 - Frontal midline falx calcification

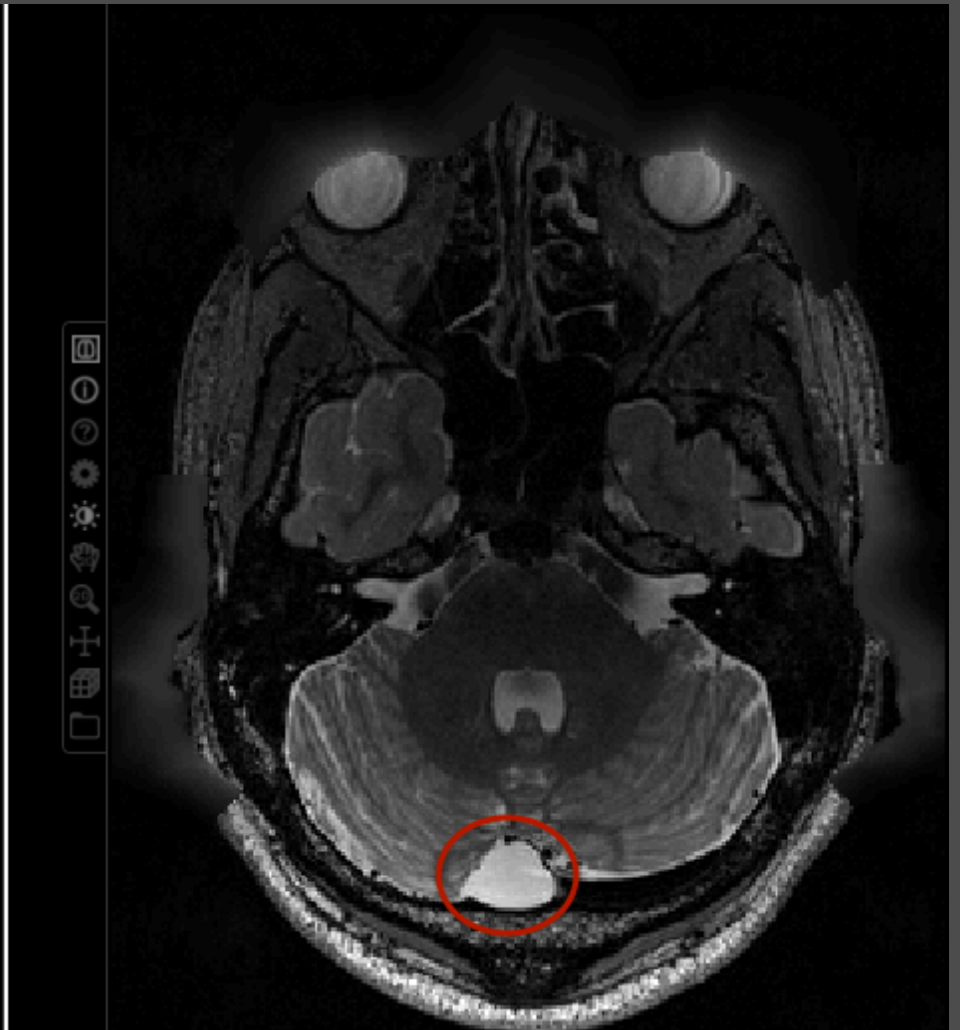
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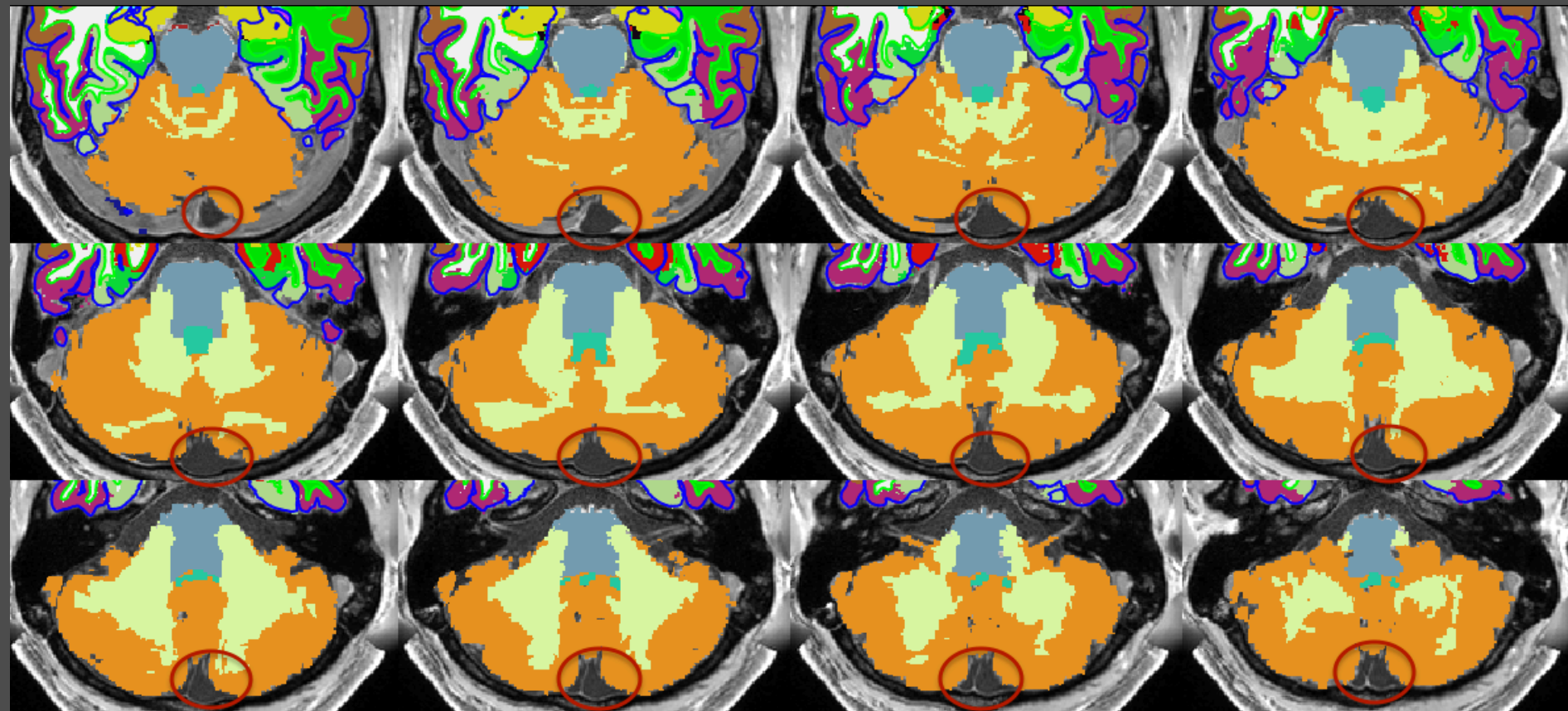




No surface effect

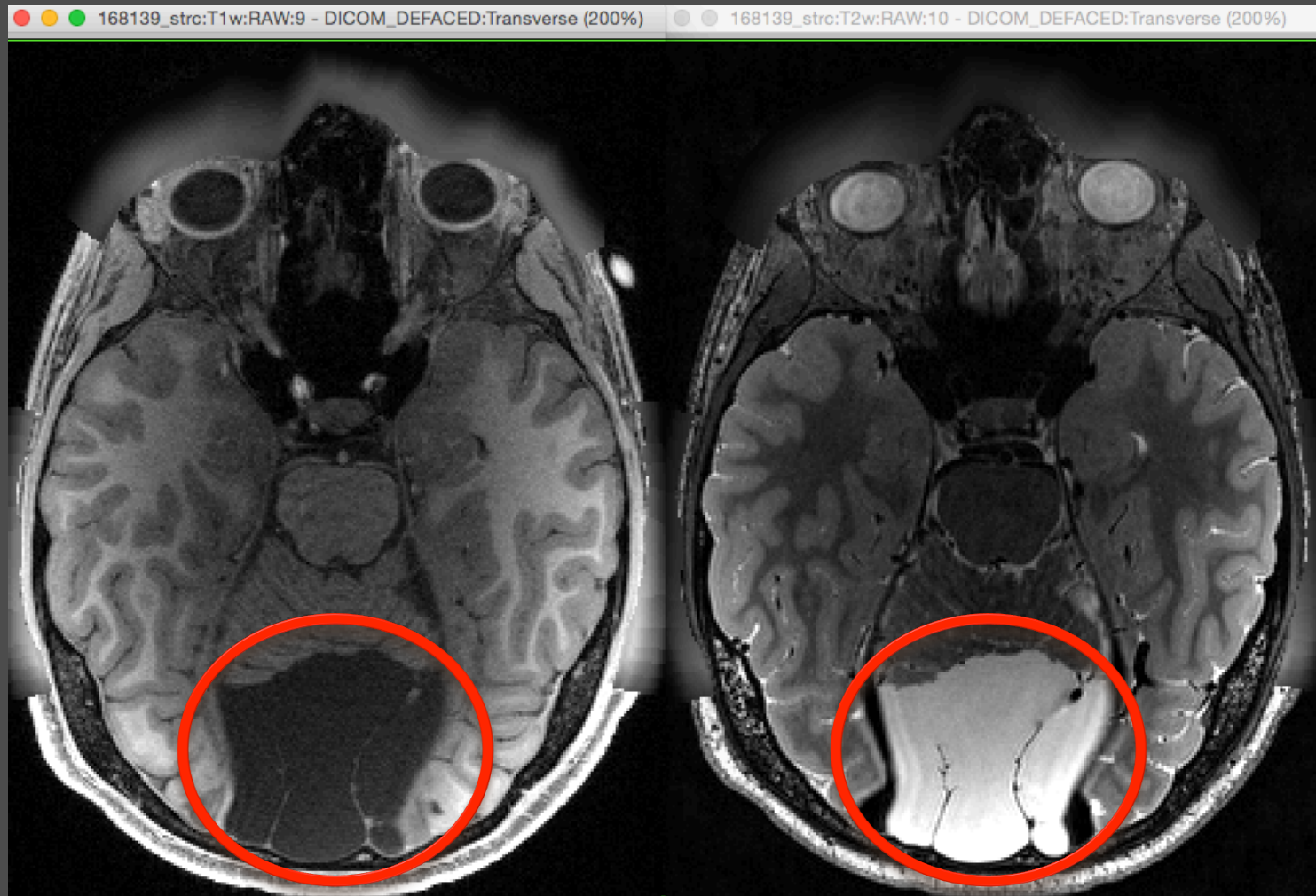
166438 - Small posterior fossa arachnoid cyst



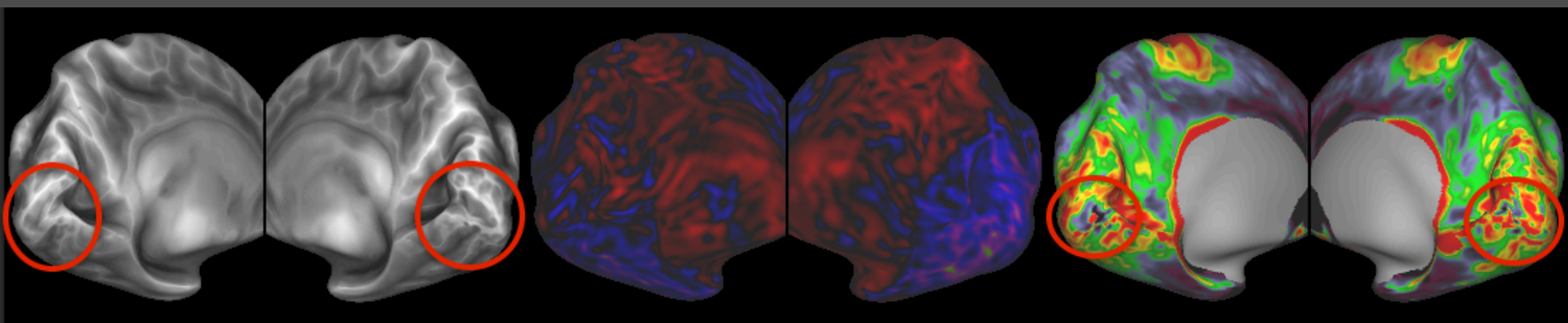
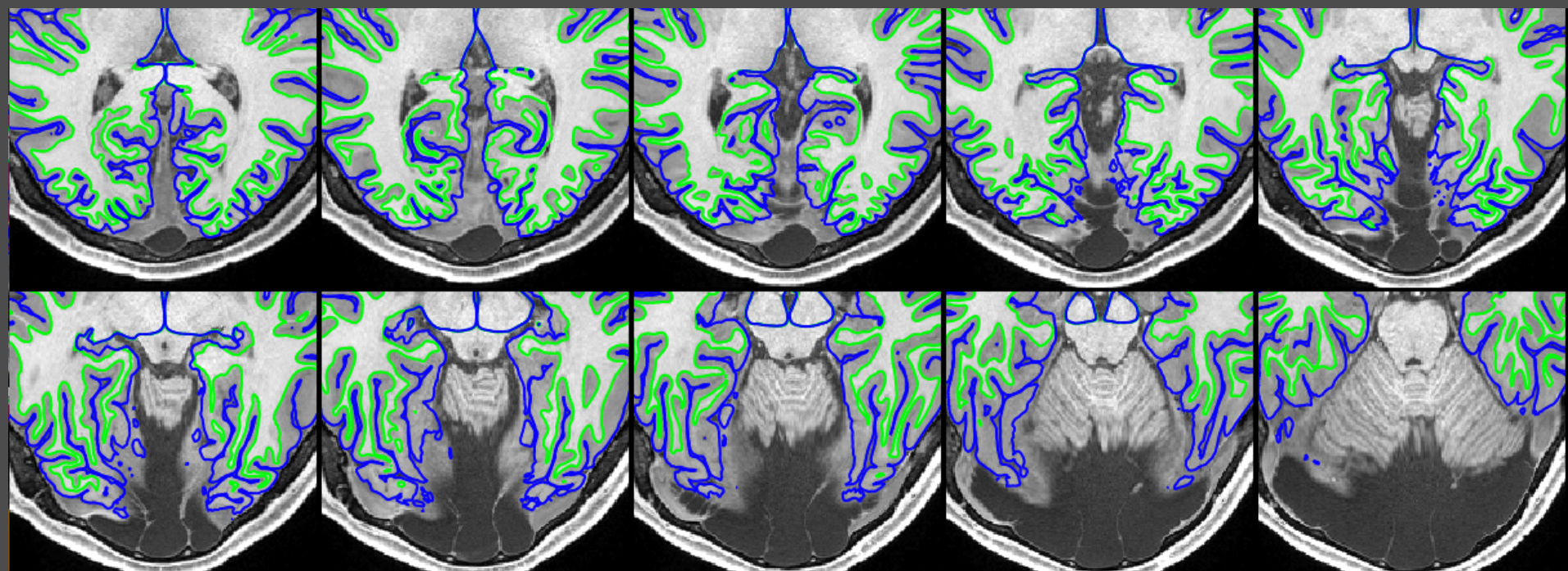


No surface effect

168139 - Large mega cisterna magna/arachnoid cyst



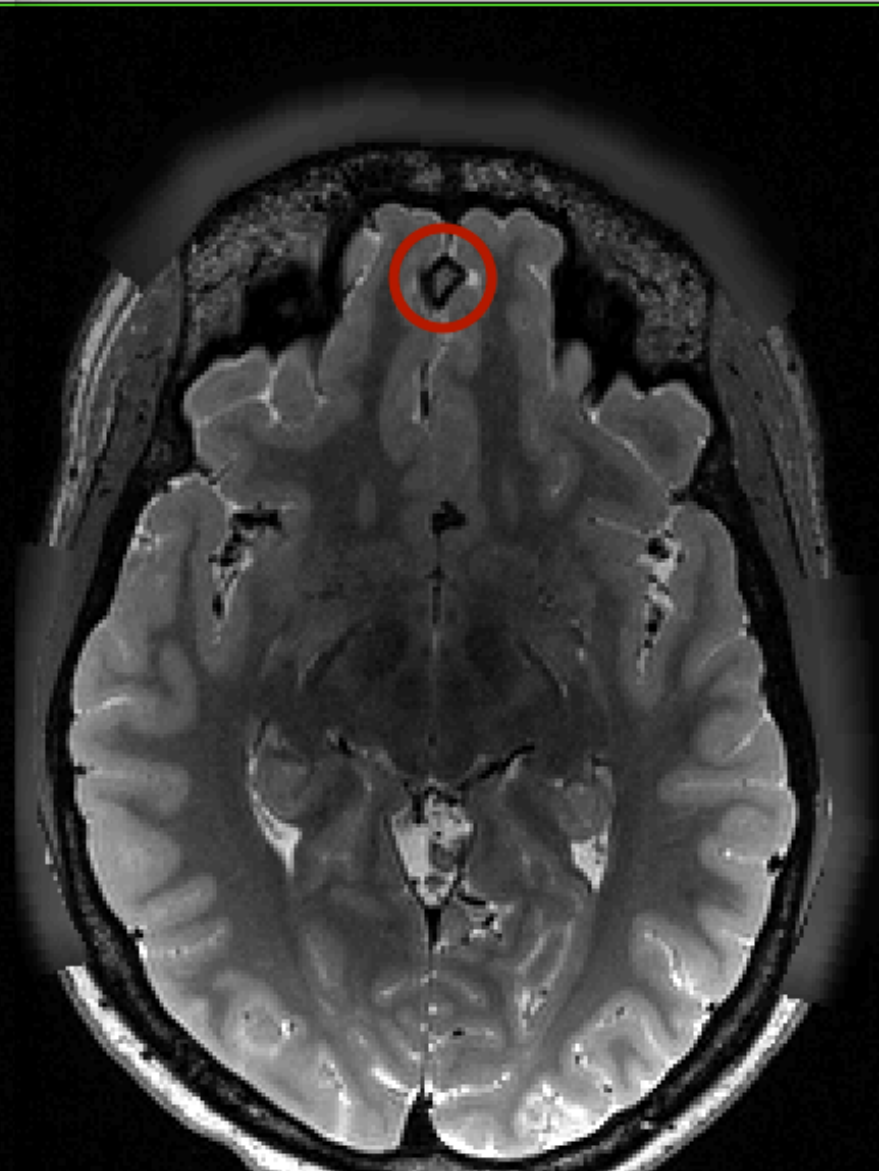
168139 - 500 release



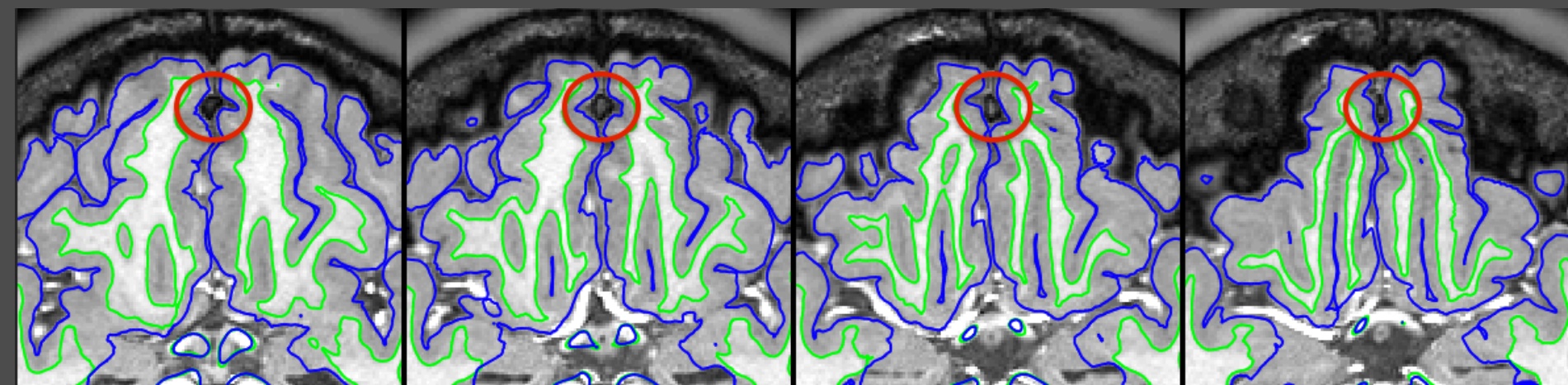
177140 - Small frontal midline calcification

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177140_strc:T2w:RAW:10 - DICOM_DEFACED:Transverse (200%)



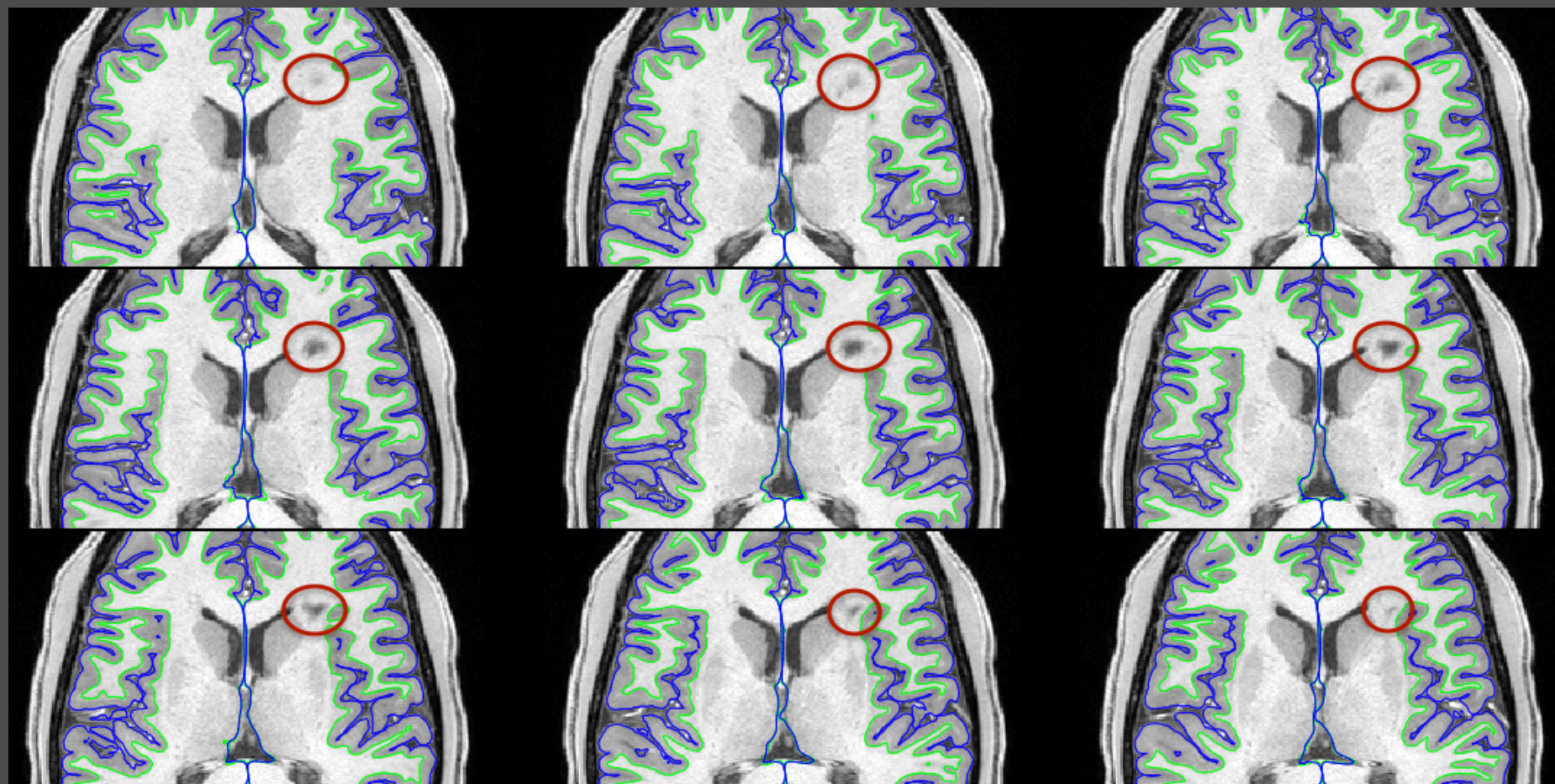
177140 - 1200 release



No surface effect

178849 - Right frontal white matter atypicality





No surface effect