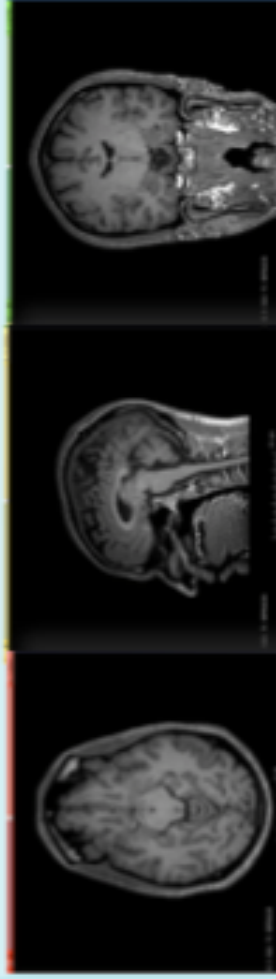
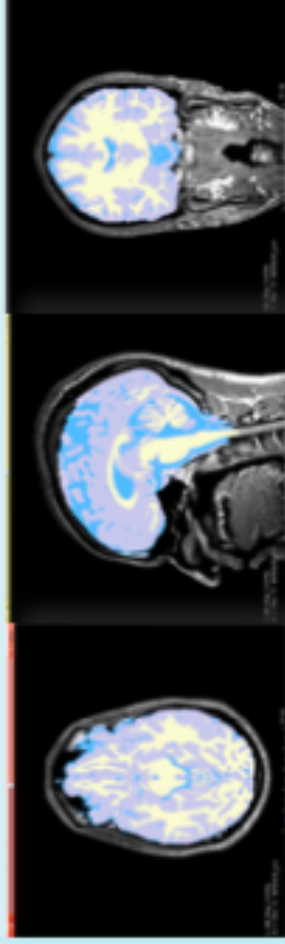


I. Brain Matter and CSF

(1) Patient T1 MRI Scans



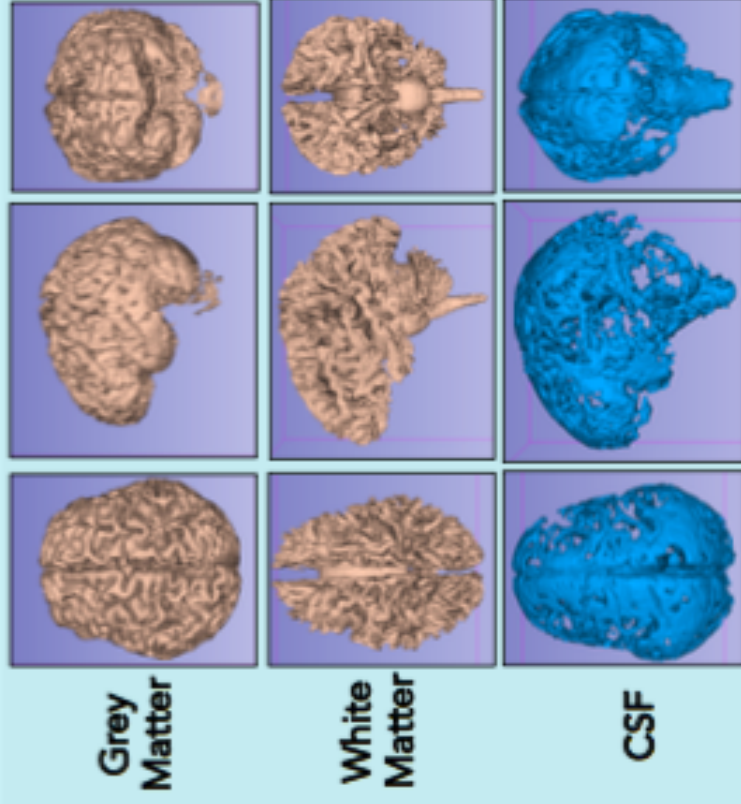
(2) Creation of EM-Map using brain atlas (3D Slicer)



(3) Thresholding by brightness and refining (GE Advantage Workstation)



(4) Creation of fiducial map (3D Slicer)
(5) Volume rendering and analysis (3D Slicer)



II. Blood Vessels

- (1) Patient MRV Scans
- (2) Remove skull and extra-cranial tissue (GE Advantage Workstation)
- (3) Threshold vessel material and refine structures
- (4) Volumetric Analysis

