**Response to Questions regarding reports.**

**General**

**Questions**

1. a. A1, A2, and A3 represent three SWI scans which include magnitude and unfiltered phase images sorted properly. A1 = TE = 7.5ms, FA = 6 degrees, TR = 25ms. A2, same parameters, but TE = 17.5ms, FA = 6 degrees, A3, TE=7.5, FA = 24 degrees, TR = 25ms. Useful if you need to reprocess anything with the original data sets. Otherwise the STAGE folder has the processed data.

b. Registration folders are not to MNI space, they are all the conventional MR images (T1, T2, FLAIR) registered to the STAGE sequence based on it’s header information.

**Individual subject report**

0. No, not registered to MNI space. See 1b from General Questions.

1. We do not have the coordinates of these data, but we do have .tracked object file (.tob) file included in our Box.com uploads to load on the sagittal FLAIR sequence. Currently, our overlay files are for total lesion volume and not by location.

2. Yes, coordinates will be added to future cases, as well as the summary report and excels.

3. Yes, we can add this region to the MARS sheet. And yes, we have excel files for any case with bleeds, and a compiled sheet for all cases with bleeds.

4. Yes, we plan on making age vs susceptibility plots, and also including a thresholded iron region calculation.

5. a. Yes, we can include coordinates and slice #s of those locations.

b. Number or Pixel = number of included pixels.

Mean is mean intensity of the number of pixels within the ROI tracing for that sequence. If it’s R2\*, T1map, or PD map, then it is mean R2\*, T1 value, or PD value.

Volume = Number (of pixels) \* image resolution.

c. We use SWIM to trace the regions and use them on all STAGE maps. So region numbers *should* be the same for almost all structures. Some SWIM maps, however, may have eroded bad phase values near caudate nucleus globus pallidus and putamen, and some slices may be missing, but those cases were few, and may have different volumes when comparing to T1Map and PDMap volumes.

6. Sometimes we use IJV (internal jugular vein) and jugular interchangeably, but we can change the reports to make it unabbreviated. Likewise for the internal carotid artery (ICA) and vertebral artery (VA).

The tables in the individual reports have totals, but the compiled excels have more details for each vessel. We can add the values for each side in the individual reports if needed.

Yes, we have the excels for these.

**Group subject reports**

1. Yes, we can put the CMB values in a table format for the indivudal reports as a 1 line entry which will add coordinates for the lesion. FLAIR we can add a 1 line table for the volumes.
2. See 5a-c for individual reports.
3. Noted and the report is updated with the correct values.