



## MR Imaging Teleconference Minutes 9/17/2019

1. *Jeff Gunter provided Karen the DICOM tag for the 2D/3D tag, please review (to segregate)- he sent to Karen on 20190911 (MR Acquisition type image tag)*
  - a. *Karen: We can certainly make it a filter on the search page. It seems that 3D or 2D is present in the DICOM files just under 99% of the time.*
  - b. *Jeff: The 1% are likely not in the MR IOD (image object definition) class. If a presentation state (PS) DICOM object were to accidentally wind its way into the archive, it might not have an MRAcquisitionType tag.*
2. *Old ASL's are labeled as fMRI*
3. *Each analysis site should appear on LONI - data you sent in*
  - a. *is it up to date?*
  - b. *does it appear correctly on LONI?*
4. *Bar charts from Danielle*
5. *Reorganizing the LONI IDA website - document display*
  - **Dictionaries**
    - ASL
    - DTI
  - **Methods**
    - ASL
    - DTI
  - **Measurements**
    - ASL
    - DTI

**OR**

### **Organize by document**

*Overview heading (such as, Change from ADNI 2 to ADNI 3)*

#### **DTI**

- *Data dictionary*
- *Methods doc*
- *Numeric data*
- *QC*

#### **FMRI**

- *Data dictionary*

- *Methods doc*
- *Numeric Data*
- *QC*

6. *ADNI 2 dataset will be frozen on 9/20 - do we want a preferred ADNI 2 dataset*
7. *Next ADNI TC, Tuesday 10/15/2019*

## Minutes:

1. Karen needs to discuss with Jeff in more detail - schedule a call directly to discuss Item#1
2. Old ASL's labeled as fMRI - Duguyu are you aware of these scans? How to resolve? Karen needs to discuss with Jeff about - DICOM headers label as fmri, structural, or diffusion - would like to spend time with Jeff to see what else we can add to correct misclassification - download the whole thing and do a self-search (other keywords) to filter out. Need a better system so ADNI users that aren't so sophisticated users can grab the correct data. Duguyu, Karen, Jeff need to be on the call to sort this out.
  - a. F/U on future calls
3. Bar charts/graphs from Danielle - **Next time, what is the real denominator?** Not a clean transition from ADNI 2 to ADNI 3 at any given date/time - period of time while ADNI2 scans being acquired while ADNI3 scans were being acquired. Responsible for internal bookkeeping - grant reports on ADNI 2-3 grant cycle.
  - i. Karen- what is A2 vs A3 so we can do these reports on a monthly basis.
    1. EDC can help determine A3 scans
  - ii. Mayo/Danielle, can we distinguish what is ADNI2 vs ADNI3 scans
  - iii. **Create a custom listing (Karen/Danielle) will discuss**
  - iv. Cliff: **Karen/Danielle work this through, send an email to all analysis groups that has a solution or a proposed solution so analysis sites can keep track of what they need to have done.**
    1. **D: Denominator of scans,**
    2. **Numerator: here is what has been done for what - Danielle has tasked Naomi**
    3. **TBMSyn measures - serial scans should have TBM measures for each timepoint and all carry fwd people**
  - v. **Write abstract or conf paper-change measure were we think**
  - vi. **Ian/Nick how this should be done - start circulating email so we can carry fwd to next mtg (send to Paul's, Decarli's, Duguyu, Jeff/Matt, & Danielle) suggest LONI ID and exam date for the Baseline**
4. Reorganizing LONI IDA document display - outline form (data dictionaries, methods, measurements)
  - a. What does the group think about reorganizing: Danielle agrees
  - b. Which of the 2 ways does the group prefer (or suggest new?): 2nd option
    - i. Karen suggests usability testing
    - ii. Some limit on how we organize it - many ways to apply, but not infinite
    - iii. Some studies organize the data separate from the
  - c. Same organization could be applied to biomarkers
    - i. Cliff - his impression is numeric data not being used, then it won't be a part of ADNI 4
    - ii. **Usability- break into subtypes for quick feedback**
      1. **Karen will do some piloting and provide feedback at the next mtg.**

- iii. FAQ's - Karen would like to see examples of questions they send to ADNI DL.
- 5. No system in place at clinical level - was PET or MR done? Mayo only knows what was done once uploaded to LONI.
  - a. Identify list of ADNI 2 scans, identify them --> freeze them. Track things down that were never uploaded