



MR Imaging Teleconference Minutes 05/21/2019

1. **Review April 2019 Teleconference Minutes**
 - a. Minutes will be posted to LONI website. - <http://adni.loni.usc.edu/methods/documents/>

2. **ADNI Deliverables – Updated Status from Danielle Harvey**

3. **Creation of lists of publications using MRI Core data for each output.**
 - a. Asked each analysis site to submit to Mayo

4. **Continued discussion of continued acquisition of 2D ASL sequences.**
 - a. ASL specific call next week

5. **ADNI4 Planning**

ADNI4 - ADNI3 will run until July 2023. Looking ahead to ADNI4. Aging Institute is interested in continuing with ADNI.

- a. Data Analysis only
- b. Continue with ADNI3 subjects
- c. Enroll new subjects (beginning to be more difficult). So most will be unimpaired people.
- d. Criticized for being too white.
- e. New imaging? Plasma based biomarkers.

Dr. Weiner has stated that there is no guarantee that anything is carried forward.

No MRI core.

Limited MRI Core.

Which relates to the previous discussion as to their justification of continuing on into ADNI4.

The role of MRI with the exception of safety has declined over the years. Molecular specific data such as PET/CSF/Biomarkers has increased.

Consider a paper of the importance of continued value of MRI moving forward.

6. Updated MRI scanner/subject spreadsheet

7. ADNI3 Breakdown

a. 60/60 Certified Systems

b. 1036 subjects received. (17 Failed Studies)

- i. 214 Subjects scans with Siemens VE11C
- ii. 420 Subject scans VB17-VE11B
- iii. 164 Philips 3.2.3 – 5.4.0
- iv. 49 Subject scans with GE 24x
- v. 175 Subject scans with GE 25x-27x

c. Experimental Sequence Breakdown

i. 2D PASL vs. 3D PASL vs. 3D pCASL

1. Axial 2D PASL – 285
2. Axial 3D PASL – 389
3. Axial 3DpCASL - 220

ii. Axial rsfMRI vs. Axial MB rsfMRI

1. rsfMRI – 806
2. MultiBand fMRI - 155

iii. Axial DTI vs. Axial MB DTI

1. DTI – 893
2. MultiBand DTI – 160

8. Next meeting: June 18th (Possible Conflict?)

Next meeting. Move to July 2nd.

June 18th/July 16th cancelled.

