QIBA PET Amyloid Biomarker Committee (BC) Call
12 January 2018 at 9:00 AM CT
Call Summary

In attendance:			**RSNA**
Anne Smith, PhD (Co-Chair)	Alexander Drzezga, MD	Jean-Luc Vanderheyden, PhD	Joe Koudelik
Dawn Matthews, MS, MBA (Co-Chair)	Paul Kinahan, PhD		Julie Lisiecki

Moderator: Dr. Smith (presentation slides on the QIBA wiki)

DRO Update:

- 30 different noise realization comments have been addressed
  - Although nearly artifact-free, the DRO may still have some room for improvement
  - GE contact was able to download all of the amyloid DROs and analyze with GE software: this helped identify issues regarding how brain analysis software packages may perform differently between vendors, which need to be investigated further
  - Registration to various atlases may complicate the DRO
    - Three volunteers are needed to test 3 different packages and provide feedback to Dr. Kinahan
    - Software evaluations using the DRO possibly to be provided by ADMdx, Siemens, GE; Dr. Kinahan will also contact MIMVista
    - ftp link is set; Dr. Kinahan to distribute with DRO instructions before the next BC call
  - Ms. Matthews to provide Dr. Kinahan with 20 or so ADNI brain scans to help calculate a typical range of ventricle (CSF) PET signal across a range of amyloid burdens for use with the amyloid DRO modification

Addressing Profile Public Comments Update:

- The group is triaging feedback
- Only a few points remain for discussion with the entire BC
- Remaining items can be reviewed by BC members offline
- Redline and clean Profiles will be provided by Dr. Smith and Ms. Matthews to distribute to BC members and post to the QIBA wiki on the BC page
- An updated spreadsheet with comments will also be provided to BC members for review
- A preliminary Public Comment resolution (Google spreadsheet) was created for co-chair collaboration

IDEAS Study Progress and Spin-off Projects:

- A list of projects with contact people and those from the BC who can follow up is needed
- Regarding the IDEAS Study, Dr. Smith to follow up with Dr. Minoshima
  - It may be too early to engage
  - Tau imaging agents should be monitored
  - Topic to be discussed at the Human Amyloid Imaging (HAI) Conference
    - Ms. Matthews to attend HAI and will report back to the group

Gap Analysis with ADNI

- Ms. Matthews conducted a gap analysis of the QIBA PET Amyloid BC Profile using the ADNI Amyloid PET Technical Procedure Manual
- This gap analysis report is available on the QIBA wiki
- Questions remain as to whether or not an ADNI 3 amyloid PET imaging protocol is available
  - If so, a third column will be added to the report to capture any changes made from ADNI 2 to 3

NM WebEx Schedule

01/19	SPECT BC	**02/09**	PET Amyloid BC	**02/23**	NM Coordinating Ctte
02/02	FDG-PET BC	**02/16**	SPECT BC		