QIBA fMRI Biomarker Committee Call Summary
Wednesday, February 24, 2016 at 11 AM CST
Call Summary

In attendance			**RSNA**
Edgar DeYoe, PhD (Co-Chair)	Jay Pillai, MD	Kirk Welker, MD	Joe Koudelik
Thomas Chenevert, PhD	David Soltysik, PhD	Yuxiang Zhou, PhD, DABR	Susan Weinmann
Edward Jackson, PhD	James Voyvodic, PhD		
Feroze Mohamed, PhD	Zhiyue Jerry Wang, PhD		

Moderator: Dr. DeYoe

Review of Previous Call Summary

- The February 10 call summary was approved as written

Profile 1.0 status draft (Dr. Mohamed, et al.) – MEETING FOCUS

- Dr. DeYoe to add content to the Profile regarding DRO head motion results
- Dr. Soltysik to include his DRO analysis details
- Dr. Pillai to add content to the Profile regarding DRO language task results
- Drs. Elsinger, DeYoe and Mohamed to make all updates to Profile and distribute to group
- Polished draft to be ready for review and discussion at the QIBA Annual Meeting in April

NIBIB year 5 project status (Drs. Voyvodic & Pillai)

- Language scans were reprocessed and QA stats were obtained at Duke
- Subjective quality assessments were conducted for all of the scans
- Correlation of automated scans with subjective assessments is being examined
- 4 – 5 years of clinical data are being reviewed at JHU
- More than 50% of all data analysis has been completed at JHU
- QC metrics will be inspected and subset to be selected; over half of all cases studied were of high QC status
- The two most commonly-used language paradigms to be assessed for reproducibility
- Original target number of subjects was 30 – 60; approximately 50 subjects will be included
- Dr. Voyvodic preparing to submit his 3-month progress report to RSNA staff

Profile 2.0 general discussion of scope (all)

- While version 1.0 focused on motor-mapping, 2.0 will expand upon that and focus on language
- Dr. DeYoe encouraged fMRI BC members to send topics or ideas to him for Profile 2.0
- Dr. Jackson explained that the current Profile Template (January 2016), posted on the QIBA Wiki at: http://qibawiki.rsna.org/index.php?title=Main_Page is mature and significant changes are not expected any time soon
- The Profile Staging document can also be found on the wiki at: http://qibawiki.rsna.org/index.php?title=Main_Page
- This Profile will be in compliance with the latest template

QIDW

- As a new member, Dr. Voyvodic provided a brief update of the Feb 23rd QIDW Oversight Committee teleconference
- Based on Kitware infrastructure/software, the QIDW has three main uses:
    o Repository of uploaded data (phantom, DRO, etc.) for general public access -- to test vendor algorithms against, etc.
    o Repository of uploaded data used to supporting Profile claims – useful for FDA BM validation, etc.
    o Conformance use – to help demonstrate Profile conformance by uploading imaging results for semi/automated cloud computing

- The suggestion was made to have a thorough discussion regarding the following aspects of the QIDW:
    o The future of the QIDW
    o Current and past uses
    o Functionality
    o Usability
    o Accessibility
    o Usefulness
    o Assets/Challenges of the QIDW
    o Cloud-based computing on QIDW
    o Short-term and long-term goals for QIBA groups in regard to the QIDW

- A curation process is now in place for those who want to upload clinical subject data
- QIBA investigated NITRC's product after being approached by representatives

QIBA Annual Meeting: April 13 – 14, 2016 at the Hilton Alexandria Old Town in Alexandria, VA
- The suggestion was made to hold a discussion regarding QIDW use-cases
- The majority of breakout session time will be spent on the Profile
- The updated Profile and agenda for the fMRI breakout session will be distributed to fMRI BC members prior to the QIBA Annual Meeting

NIBIB round 6 – request for proposals
- The timeline for round 6 projects has been distributed
- Project topics should be submitted directly to BC leaders asap
- The deadline for first draft submissions is April 15

Next calls:
- QIBA fMRI Bias TF call - Tuesday, March 15 at 10am CST
- QIBA fMRI Biomarker Committee call - Wednesday, March 9 at 11am CST