QIBA fMRI Biomarker Committee Call Summary
Wednesday, February 10, 2016 at 11 AM CST
Call Summary

In attendance

Edgar DeYoe, PhD (Co-Chair)  Feroze Mohamed, PhD  James Voyvodic, PhD  Joe Koudelik
James Reuss, PhD (Co-Chair)  Nancy Obuchowski, PhD  Yuxiang Zhou, PhD, DABR  Susan Weinmann
Edward Jackson, PhD  Jay Pillai, MD
Andrew Kalnin, MD  David Soltysik, PhD

RSNA

Moderator: Dr. Reuss

Review of Previous Call Summary
The January 13 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 results
- Any outstanding tasks/updates to be discussed at the next fMRI BC call in two weeks
- 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
- Drs. Pillai and Voyvodic had offline call to synchronize joint project efforts
- 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
- 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. Deyoe is in the process of completing head-motion efforts
- Discussion on this project will be continued on next fMRI Bias TF call on February 16

Profile 2.0 general discussion of scope (all)
- While version 1.0 focused on motor-mapping, 2.0 will expand upon that
- 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
- Progress in QIBA groups will not be hampered and momentum will not be halted because of further changes to the Profile Template
- The revised Profile template will be used for version 2.0 of the fMRI BC Profile; Profile version 1.0 will not be reformatted
QIBA Annual Meeting: April 13 – 14, 2016 at the Hilton Alexandria Old Town in Alexandria, VA

- Dr. Jackson provided updates on this year’s format:
  - Additional speakers have been added to day 1
  - New panel sessions with cross-modality topics, such as:
    - Claim guidance
    - Field/Feasibility testing
    - Conformance
  - There will be time for f2f breakout group sessions on both days
  - Report-out time for BCs and CCs has been reduced

Other discussion
- New NIH/FDA TF on biomarkers has been formed
  - QIBA leaders discussed reaching out to TF members
  - Terminology can be applied to imaging as well

Next calls:
- QIBA fMRI Bias TF call - Tuesday, February 16 at 10am CST
- QIBA fMRI Biomarker Committee call - Wednesday, February 24 at 11am CST