

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

In attendance

Edgar DeYoe, PhD (Co-Chair)

James Reuss, PhD (Co-Chair)

Edward Jackson, PhD

Andrew Kalnin, MD

Feroze Mohamed, PhD

Nancy Obuchowski, PhD

Jay Pillai, MD

David Soltysik, PhD

James Voyvodic, PhD

Yuxiang Zhou, PhD, DABR

RSNA

Joe Koudelik

Susan Weinmann

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