

QIBA fMRI Biomarker Committee (BC) Meeting

Wednesday, July 19, 2023, at 11 a.m. (CT)

Meeting Summary

In attendance

Feroze Mohamed, PhD (Co-chair)

David Soltysik, PhD (Co-chair)

Shruti Agarwal, PhD

Cathy Elsinger, PhD

Erin Kelly, PhD

Anthony Liu, PhD

James Voyvodic, PhD

Yuxiang Zhou, PhD, DABR

RSNA staff

Susan Stanfa

Review of Previous Meeting Summary:

- The 07.05.2023 meeting summary was approved as presented

Topics Discussed:

- Profile – remaining issues
- QIBA fMRI Special Report (White paper) based on Profile

Action Items:

- Dr. Voyvodic to recalculate reproducibility study data to be incorporated into the Profile Claims and QA Section before Public Comment Stage 1 Profile can be completed
- Final internal review of each Profile section needed before a BC vote-to-release for public comment can be initiated (followed by an MR CC vote)
- Special report outline development
 - Distinctions between this special report and other literature on language reproducibility to be explained
 - Quantitative recommendations supported by data include requirements for quantitative location (language clusters) and for quantitative laterality (measure BOLD signal within language ROIs and identify ROIs)
 - Each actor to be discussed in terms of improvements to be made and how to do that, e.g., registration of atlas to patient
 - Products for performing essential functions to be listed
 - Real-time fMRI maps are important
 - Journal targets include *Radiology*, *AJNR*
 - Publication examples include: [AJNR](#), [Journal of Nuclear Medicine](#)

Next Steps

- Initiate and complete Public Comment stage 1 Profile well before December:
 - Work on Special Report in parallel
 - Circulate for full BC internal review followed by a BC vote-to-release for Stage 1: Public Comment
 - MR CC vote-to-release to follow
 - Disseminate for public comment
- Staff to send out special report outline and collect BC feedback
- Special report based on the Profile with a focus on Claims and reproducibility data to be submitted for publication by December 2023
- **Next meeting:** Wednesday, August 16, 2023, at 11 a.m. CT (1st & 3rd weeks of each month)