

QIBA fMRI Biomarker Committee (BC) Meeting

Wednesday, September 6, 2023, at 11 a.m. (CT)

Meeting Summary

In attendance

Feroze Mohamed, PhD (Co-chair)

David Soltysik, PhD (Co-chair)

Cathy Elsinger, PhD

Ichiro Ikuta, MD, MMSc

Erin Kelly, PhD

Nancy Obuchowski, PhD

Kiran Talekar, MD

James Voyvodic, PhD

RSNA staff

Susan Stanfa

Review of Previous Meeting Summary:

- The 08.16.2023 meeting summary was approved as presented

Topics Discussed:

- QIBA fMRI Special Report (White paper) based on Profile and publication

Action Items:

- [QIBA MSK BC Special Report](#) structure to be used as a template
- The fMRI Special Report to include:
 - Assumptions concerning the application of BOLD fMRI
 - Derivation of the Claim to be drafted by Dr. Voyvodic
 - Impact of the Claims on clinical interpretation with a focus on quantitative fMRI imaging
 - Profile Structure
 - Profile Activities
 - Image Data Acquisition
 - Profile Actors and Required Activities
 - Assessment Procedures and Conformance
 - Limitations
- Separate section on fMRI reproducibility may be needed
- The fMRI Language-Mapping Stage 0 Profile, upon which the special report is based, to be completed and published prior to special report submission to *Radiology*

Next Steps

- Final internal section-by-section review of Profile needed before a BC vote-to-release for public comment can be initiated (followed by an MR CC vote), then:
 - 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
- Meeting with *Radiology* Editor-in-Chief for guidance on planned special report submission to be considered once goals of paper are finalized
- Special report based on the Profile with a focus on Claims and reproducibility data to be submitted to *Radiology* for publication by December 2023
- **Next meeting:** September 20, 2023, at 11 a.m. CT (**1st & 3rd Wednesday of each month**)
 - Section-by-section special report assignments to be discussed
 - Remaining Profile-writing tasks to be identified