

## QIBA fMRI Biomarker Committee (BC) Meeting

Wednesday, September 20, 2023, at 11 a.m. (CT)

### Meeting Summary

#### In attendance

Feroze Mohamed, PhD (Co-chair)

Jay Pillai, MD (Co-chair)

David Soltysik, PhD (Co-chair)

Cathy Elsinger, PhD

Mai-Lan Ho, MD

Ichiro Ikuta, MD, MMSc

Andrew Kalnin, MD

Anthony Liu, PhD

Balu Rajagopalan, PhD

Kiran Talekar, MD

Francisco Zamorano, PhD

#### RSNA staff

Julie Lisecki

#### Review of Previous Meeting Summary:

- The 09.06.2023 meeting summary was approved as presented

#### Topics Discussed:

- QIBA fMRI Special Report (White paper) based on Profile and publication
- Ideas to include in the paper:
  - White paper is not limited to constraints of the Profile and can address other topics
  - Highlight reproducibility of the methodology; techniques that can be used with confidence
  - Focus on clinical significance, e.g., *quantitative* reproducible methodology
  - What has been done with language for QIBA Profile development in the areas of localization and reproducibility of language
  - Describe methodology of ROI selection and optimal acquisition parameters and methods
  - Include the use of AMPLE technique and focus on reproducibility of the BOLD signal
  - Reference meta-analysis paper: <https://pubs.rsna.org/doi/full/10.1148/radiol.2017162971>

#### Action Items:

- [QIBA MSK BC Special Report](#) structure to be used as a template and outline can be found in [9/6 notes](#)
- [Guidance for Radiology Special Reports](#) available
- 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 the following can be initiated (Special Report to be worked on 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
  - Profile to be disseminated for public comment
- Goal is for Special report based on the Profile with a focus on Claims and reproducibility data to be submitted to *Radiology* before end of 2023
- **Next meeting:** October 4, 2023, at 11 a.m. CT (1<sup>st</sup> & 3<sup>rd</sup> Wednesday of each month)
  - Section-by-section special report assignments to be discussed
  - Remaining Profile-writing tasks to be identified

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Participants are welcome to contact RSNA staff at [giba@rsna.org](mailto:giba@rsna.org) if their attendance is not reflected in meeting summaries.