

QIBA fMRI Biomarker Committee (BC) Meeting

Wednesday, March 16, 2022, at 11 a.m. (CT)

Meeting Summary

In attendance

Feroze Mohamed, PhD (Co-chair)

Jay Pillai, MD (Co-chair)

David Soltysik, PhD (Co-chair)

Shruti Agarwal, PhD

Cathy Elsinger, PhD

Ichiro Ikuta, MD, MMSc

Anthony Liu, PhD

Nancy Obuchowski, PhD

James Voyvodic, PhD

RSNA staff

Susan Stanfa

Review of Previous Meeting Summary

- The 03.02.2021 meeting summary was approved as presented

Topics Discussed:

- Dr. Soltysik's report on experience using streamlined template for fMRI v2.0 Language-Mapping Profile during March 15 Process Cmte meeting
- Proposed edits in Section 3.7: Technologist / Scanner Operator, Section 3.8: fMRI Specialist, and Section 3.9: Image Analyst Checklists

Next Steps / Action Items:

- The plan is to continue to focus on Section 3, then import requirements into appendix A
- Requirements in Appendix A to be listed in order of execution / protocol
- Checklist requirements in Section 3 are currently listed by actor for ease of use
- The Profile continues to be simplified by removing acceptable vs. ideal ranges in values
- Drs. Elsinger and Soltysik to attend [April 5 Process Cmte meeting](#) to discuss fMRI BC progress toward Public Comment (stage 1) and barriers to advancement
- With both language-mapping and motor-mapping, a t-value of half max of four (based on a peak t-value threshold of eight) was determined to be the best predictor of image quality and is the target level of reproducibility to meet the Claims
- Dr. Voyvodic's paper will be cited in the Profile once it is published
- fMRI BC members were encouraged to continue providing edits to the Profile distributed by staff
- **No meeting on April 6 due to QIBA in-person SC meeting at RSNA HQ in Oak Brook, IL**

Next meeting: Wednesday, April 20, 2022, at 11 a.m. CT (1st & 3rd weeks of each month)

RSNA Staff attempt to capture all committee members participating in Zoom meetings. However, if attendees join only by phone, or do not use a recognizable name, identification is not possible. Participants are welcome to contact RSNA staff at giba@rsna.org if their attendance is not reflected in meeting summaries.