

## QIBA fMRI Biomarker Committee (BC) Meeting

Wednesday, July 5, 2023, at 11 a.m. (CT)

### Meeting Summary

#### In attendance

Jay Pillai, MD (Co-chair)

David Soltysik, PhD (Co-chair)

Ichiro Ikuta, MD, MMSc

Andrew Kalnin, MD

Anthony Liu, PhD

Nancy Obuchowski, PhD

Judd Storrs, PhD

James Voyvodic, PhD

Francisco Zamorano, PhD

Gudrun Zahlmann, PhD

#### RSNA staff

Joe Koudelik

Julie Lisiecki

#### Review of Previous Meeting Summary:

- The 06.21.2023 meeting summary was approved as presented

#### Topics Discussed:

- Profile updates RSNA Board Directive
  - All RSNA administrative support to end by Dec 22, 2023
  - A new over-arching RSNA Committee to be formed, the Quantitative Imaging Committee, (QUIC)
  - Existing Biomarker Committees welcome to continue independently re: Profile development
  - Professional societies encouraged to maintain BC admin support, e.g., ISMRM, ASFNR

#### Action Items:

- Actor-specific checklists have been updated
- Performance testing was moved to section 4
- BC plans to reach Stage 1 in Profile development and have a white paper published based on the Profile by December 2023, incorporating a focus on the claims and the reproducibility data
  - Suggestion to publish QIBA Profile-related papers together as a series, similar to metrology papers
  - Consider white paper as a follow up to ASFNR paper on language mapping
- Further discussion needed regarding recommendations for needed improvements to software developers based on QIBA research, with possible incentives
  - Recommendations needed for computing ROI and laterality index
- Profile completion would need to be done well before December to allow for internal review, public comment, Biomarker Committee and Coordinating Committee approval
- Dr. Pillai to draft an outline for white paper suggestions; messaging and target audience to be focus of upcoming BC calls

#### Next Steps

- **Next meeting:** Wednesday, July 19, 2023, at 11 a.m. CT (1<sup>st</sup> & 3<sup>rd</sup> weeks of each month)
- Next steps following completion of the Profile:
  - Circulation for full BC internal review followed by a vote-to-release for Stage 1: Public Comment
  - MR CC vote-to-release will follow
- White paper to be drafted once the Profile is completed and Dr. Voyvodic's reproducibility study data has been published