

QIBA fMRI Biomarker Committee (BC) Call

Wednesday, November 3, 2021, at 11 a.m. (CT)

Call Summary

In attendance

Feroze Mohamed, PhD (Co-chair)

Jay Pillai, MD (Co-chair)

David Soltysik, PhD (Co-chair)

Andrew Kalnin, MD

Anthony Liu, PhD

Nancy Obuchowski, PhD

Bram Stolk, PhD, MBA

Judd Storrs, PhD

James Voyvodic, PhD

Francisco Zamorano, PhD

Yuxiang Zhou, PhD, DABR

RSNA staff

Susan Stanfa

Review of Previous Call Summary

- The 10.20.2021 call summary was approved as presented

Topics Discussed:

- Critical issues related to Dr. Voyvodic's multi-site project pertaining to motor and language DROs that were analyzed by 9 different sites using various software packages were discussed in detail
- Establishing the correct left/right orientation was discussed
- Issues relating to functional/anatomic image registration and differences in statistical thresholding across sites were discussed as problems to be addressed
- The image meta data (or headers) must include spatial information to allow users to correctly identify the head orientation

Next Steps / Action Items:

- Dr. Voyvodic to continue preparing multi-site analysis project images for comparison; a cluster analysis can be done once inconsistencies are resolved
- Text addressing registration issues to be drafted and included in the Profile appendix; it will be explicitly stated that the Profile user must ensure that headers of images are properly annotated

Next call: Wednesday, November 17, 2021, at 11 a.m. CT (1st & 3rd weeks of each month)

RSNA Staff attempt to capture all committee members participating on Zoom calls. 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 QIBA@RSNA.org if their attendance is not reflected on the call summaries.