

QIBA fMRI Biomarker Committee (BC) Meeting

Wednesday, July 20, 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

Nancy Obuchowski, PhD

Judd Storrs, PhD

James Voyvodic, PhD

Francisco Zamorano, PhD

Yuxiang Zhou, PhD, DABR

RSNA staff

Susan Stanfa

Review of Previous Meeting Summary

- The 7.06.2022 meeting summary was approved as presented

Topics Discussed:

- Section 3.8 fMRI Specialist Checklist

Next Steps / Action Items:

- The following parameters in the Section 3.8 fMRI Specialist Checklist were discussed and updated:
 - Region of Interest (ROI) identification
 - Expanded ROIs to be added to Section 4 Assessment Procedure
 - Note added that this is a QC step
 - Activation map thresholding
 - Details of the AMPLE thresholding process to be added to Appendix
 - Activation QC
 - Peak t-statistic value should be greater than 8 (in line with Dr. Voyvodic's work, which will be cited once the manuscript is completed)
 - Computing Weighted Center of Mass of Activation (wCMA) or Peaks
 - The option to identify activation cluster peaks was added
 - Exact values need to be added to this specification as well as to the Claim once confirmed
 - Specify Language Regions of Interest was renamed to Draw Regions of Interest for Language
 - Computing Weighted Laterality Index (wLI)
- Dr. Pillai has completed edits to Section 4.3 Assessment Procedure: Neurovascular Uncoupling
- Dr. Voyvodic to make minor revisions to his QA / QC manuscript and resubmit for publication; Profile work can continue in parallel
- Discussion will continue on Aug. 3 with calculating Laterality Index
- September 1 was set as the target date for completing a draft of the Profile (v2) for BC internal review

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

Join Zoom Meeting: <https://rsna-org.zoom.us/j/87552084926?pwd=eU9MWGV6a3JWRHlkZ0wzdEZsK3JoQT09>

Meeting ID: 875 5208 4926

Passcode: fMRI

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