

QIBA fMRI Biomarker Committee (BC) Call

Wednesday, March 8, 2017 at 11 AM CT

Call Summary

In attendance

James Reuss, PhD (Co-Chair)

Cathy Elsinger, PhD

Edward Jackson, PhD

Andrew Kalnin, MD

Nancy Obuchowski, PhD

Jay Pillai, MD

David Soltysik, PhD

James Voyvodic, PhD

Kirk Welker, MD

Yuxiang, Zhou, PhD, DABR

RSNA

Joe Koudelik

Susan Weinmann

Review of Previous Call Summary

- The 2.08.2017 call summary was approved as presented

fMRI Profile v1.0 draft (All)

- To support concurrent access and editing, the fMRI Profile v1.0 is on Google docs at:
https://docs.google.com/document/d/1M8XywIKVYSI9_SXfmvkPzVdnunVTXHwc3CdnqFTrsCw/edit?usp=sharing
- Vote-to-release e-ballot, sent out to eight fMRI BC eligible voters, closed with 6 “Yes” and 1 “No”, thus approving Profile release
- Next step is the MR CC e-ballot vote-to-release process
- Discussion and recommendations focused on specification table in Section 3.3: Periodic QA
 - Scanner performance actor changed from “technologist” to “vendor” on requirement: “Shall ensure scanner meets specifications by performing periodic scanner testing as recommended by the vendor.”
 - Stimulus Delivery Device parameter requirement updated to no longer require daily confirmation that the stimulus delivery hardware is operational
 - Reference for the 0.71 factor was inserted for Temporal SNR (tSNR) Parameter: “Shall confirm the tSNR \geq 0.71 x average SNR of the phantom using procedure specified in section 4.?”
- Reminder stressed that clinical interpretation was not within the scope of QIBA Profile claims
- Any other open issues to remain open in this Profile version 1.0

Next calls:

- QIBA fMRI Bias TF call - Tuesday, March 14 at 10am CT
- QIBA fMRI Biomarker Committee call – Wednesday, March 22 at 11am CT