

QIBA fMRI Biomarker Committee (BC) Call

Wednesday, June 28, 2017 at 11 AM CT

Call Summary

In attendance

James Reuss, PhD (Co-Chair)

Christopher Conklin, PhD

Cathy Elsinger, PhD

Ping Hou, PhD

Edward Jackson, PhD

Andrew Kalnin, MD

James Voyvodic, PhD

Zhiyue Jerry Wang, PhD

RSNA

Joe Koudelik

Susan Weinmann

Review of Previous Call Summary

- The 6.14.2017 call summary was approved as presented

Announcements

- White paper on language-mapping paradigms (for which Drs. Pillai and Welker are senior authors) was approved by ASFNR leadership and will be submitted for publication in late August/early September

fMRI Bias TF Update (Dr. Voyvodic)

- Round 1 DRO project update: much variability was observed across sites assessing these early DROs, even for simple motor tasks; Dr Voyvodic to summarize his findings

fMRI Profile v1.0 draft (All)

- On June 19, the fMRI Profile v1.0 draft moved to the Public Comment Stage as described on the QIBA Wiki at: http://qibawiki.rsna.org/index.php/Public_Comment_Process for a period of 90 days
 - The fMRI Profile v1.0 for public comment can be found on QIBA Wiki at: <http://qibawiki.rsna.org/index.php/Profiles>
 - An announcement including a link to the Public Comment form (<http://tinyurl.com/QIBA-Public-Comment-Form>) was sent to the 1,000+ QIBA members and approximately 100 sister association contacts
 - A separate announcement with specialized language was sent to subject matter experts, e.g., ASFNR contacts submitted to RSNA staff & ISMRM Brain Function Study Group members
 - In efforts to broaden circulation, the announcement noted that recipients may forward the request-to-review to additional colleagues who may be interested
 - Public comments to be collated and addressed after the close of this stage, but fMRI BC leadership may request status updates throughout the public comment period
 - While content of this Profile has a narrow focus, it is valuable as a first step in standardization in fMRI
- Checklist to test feasibility of Profile to be drafted and feedback will be sought; ASFNR engagement expected
- Discussion on MR Acquisition Parameters in Appendix D: Device-specific Parameters to Achieve Claim Conformance
 - Parameter table to be updated regarding echo time (TE), time points and slice thickness Revised, secure PDF Profile document to be sent to RSNA staff to be reposted to QIBA Wiki Profiles page at: <http://qibawiki.rsna.org/index.php/Profiles>

Profile 2.0 Language Mapping (Dr. Reuss)

- Link to Google docs for viewing the fMRI Profile 2.0 work area where literature searches and articles can be accessed is: <https://drive.google.com/drive/folders/0B6So9x1DSqdaZG1NbG5IbHNCU3c?usp=sharing>
 - An email may be sent to: giba.fmri@gmail.com to request editing privileges
- A few volunteers have stepped up to assist with the literature search for fMRI Profile v2.0; additional volunteers are welcome

Next calls:

- QIBA fMRI Bias TF call – Tuesday, July 18 at 1pm CT *New Time!*
- QIBA fMRI Biomarker Committee call – Wednesday, July 12 at 11am CT

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