

QIBA fMRI Technical Committee Agenda & Call Summary
Wednesday, July 30, 2014 at 11 AM CT
Call Summary

In attendance

Cathy Elsinger, PhD (Co-chair)

Jeffrey Petrella, MD (Co-chair)

Edward Jackson, PhD

Jedidiah (Jed) Mathis

Feroze Mohamed, PhD

Nancy Obuchowski, PhD

David Soltysik, PhD

Daniel Sullivan, MD

James Voyvodic, PhD

Zhiyue Jerry Wang, PhD

Yuxiang Zhou, PhD

RSNA

Joe Koudelik

Julie Lisiecki

Discussion

Proposed Project Update for next round

- Dr. Sullivan indicated that the fMRI project falls in the fundable range, although it is unknown at this time whether or not funding will be available

Template for special issue of the *QIBA Newsletter*

- Dr. Elsinger is working on completing this and will send a copy to RSNA staff

DRO Project Update (Dr. Voyvodic)

- Dr. Voyvodic has started generating DROs
 - The Round 1 DRO is based on empirical datasets of hand-motor and language tasks, where 'truth' is known, using de-identified forms.
 - Using a script which can generate up to 19 datasets in a day
 - Synthetic data can be created by extracting empirical signals and adding them back into the datasets
- There were 5 testing sites from which all results are still pending
 - Goal to compare different methodologies for analyzing fMRI data, and to systematically examine Sources of Variance (SOVs).

Simplified Claim Language for the Profile

- Dr. Obuchowski has provided an update to the claims template to include a simpler statement for non-technical staff, as well as the necessary indices or detail within the body of the template for technical staff
 - Emphasis to state claims in practical terms and then provide additional supporting details
 - Profile discussion to continue on next fMRI Technical Committee call.

Next Steps

- Test sites to return completed surveys to Dr. Voyvodic; group to continue discussion on fMRI Bias call, 8/5.

Next calls:

- QIBA fMRI Bias WG Call - **Tuesday, August 5th at 10am CT**
- QIBA fMRI Tech Ctte Call- **Wednesday, August 13th at 11am CT**