QIBA fMRI Bias Work Group Call

Tuesday, January 7, 2014 at 10 AM CT Call Summary

Participants

James Voyvodic, PhD (Chair) Feroze Mohamed, PhD RSNA

Ted DeYoe, PhD Dewen Yang, MD, PhD Madeleine McCoy

Erich Huang, PhD

Topics discussed:

NIBIB-QIBA Project Update

- Funding notification was issued this week.
- The project is assumed as starting as of 1/7/14 and to be complete by 9/29/14.
- Next steps need to be established.

DRO Project Topics Discussed

- Drs. DeYoe and Voyvodic to follow up with all participating imaging sites regarding their institutional IRB requirements for sharing/processing of DRO datasets.
- The plan is to create one sample dataset to be downloaded by February 2014.
 - The test data can be synthetic or clinical
- It will take four to five months to establish the tools.
- The process of analyzing the data will be established within the first six months.
- Dr. Mohamed will create a form/ template to circulate to request the data which is required—platform, procedures, system used to generate maps, what type of model was used, etc.
 - The initial idea was to have the template created in Excel; after consideration this information may be collected as an interactive Graphical User Interface-GUI.
 - This data will be collected from each site.
- Dr. DeYoe discussed the DRO project deliverables and how this fits into the fMRI TC strategic plan.

Goals:

- Within the month to have the dataset ready for downloading.
- To develop a process of uploading to the QIDW.
- Decision to be made regarding file format and conversion from AFNI to NIfTI.

Other topics

• Dr. Dewen Yang from ICON Medical Imaging was introduced and was briefed on the goals of the work group.

Next calls:

- QIBA fMRI Technical Committee, Wednesday, January 15, 2014 at 11 am CT
- QIBA fMRI Bias Working Group, Tuesday, January 21, 2014 at 10 am CT