

QIBA fMRI Technical Committee Update
Wednesday, November 2, 2011; 11 AM CDT
Call Summary

In attendance

Cathy Elsinger, PhD (co-chair) Paul L. Carson, PhD
Jeffrey Petrella, MD (co-chair) Barbara Croft, MD
Rick S. Avila, MS Ted DeYoe, PhD
Harris Ahmad, MD Feroze Mohamed, PhD

RSNA

Joe Koudelik
Julie Lisiecki

QIBA fMRI Poster Updates for RSNA 2011 Discussed:

- Adjustments need to be made to the workflow arrows
- References to be updated
- "CPT billing" to be removed as not relevant to the Qualification Process
- Some additional wording needed to explain what Eccentricity 1 & 2 are
- Dr. DeYoe to make edits and group to review via email comment by Friday, Nov. 4th
- Dr. Carson also suggested verbiage on the benefits of the successful development of this biomarker

Open Image Archives (OIA) Discussion – Led by Mr. Avila, Kitware, Inc.

- Goal is to create a detailed description of the user requirements (URS) and to provide recommendations for implementation and decision making for the Steering Committee and QIBA/RIC Informatics Task Force.
- Mr. Avila led the group through a discussion of current practices for fMRI data usage, leading to potentially helpful features for future development in the area of fMRI research and data storage.
- The group has not yet exchanged data; however, the goal is to exchange and analyze data within the next 6 months. Currently, data is exchanged using email or an FTP site.

Future Wish List for fMRI – specific data storage

- Online review of images would be very helpful
 - Jpeg summary images; use of an embedded viewer; search and preview capability
- More efficient analysis tools
- Behavioral task information:
 - What the patient did during the exam; synchronization information
 - Comments and conditions
 - Actual visual stimulus
 - Detailed description of paradigm
 - Store AV movie of task data
 - Store QC data

Next Steps

- Dr. DeYoe to update draft version of fMRI Tech Cttee poster (RSNA 2011) ready by 11/07
- Dr. Elsinger will draft the handout, which will include a mini-poster on one side and QIBA fMRI goals/ overview
- Drs. Mohamed and Elsinger to distribute a draft version of the Profile prior to next call on Nov 16th for review and discussion.

Next Call:

QIBA fMRI Technical Committee, Wednesday, November 16th, at 11 am CST