

QIBA fMRI Technical Committee Update

Wednesday, May 9, 2012 at 11 AM CT

Call Summary

In attendance

Cathy Elsinger, PhD (Co-Chair)

Jeffrey Petrella, MD (Co-Chair)

Paul L. Carson, PhD

Barbara Croft, MD

Ted DeYoe, PhD

Feroze Mohamed, PhD

Jay J. Pillai, MD

James Reuss, PhD

David Soltysik, PhD

Daniel Sullivan, MD

James Voyvodic, PhD

RSNA

Fiona Miller

Joe Koudelik

Julie Lisecki

QIBA fMRI Technical Committee Call Agenda, May 9, 2012

1. Workflow Matrix/Polling

- Discuss current poll to and next steps for distribution to ASFNR membership
- Results of Jeff's poll to ASNR re: the SAM lecture

2. QIBA Annual Meeting

- Topics for discussion in breakout session will include:
 - o Profile work – continuing with current SOV outline
 - o Year 3 funding for fMRI projects
 - o Knowledge gaps and topic priorities
 - Must identify strategically what 2-3 proposals might cover
 - Will need to apply for funding in the short-term
 - Need summaries of currently funded projects, what we will have learned from current work and how will info satisfy current knowledge gaps, or is continuation required?

3. Profile Development - Sources of Variance Summary (March 2012)

(section Focus 1.5 - 4/25 meeting) continue discussion

1. Subject/Patient Handling

1.3 Subject selection (fMRI appropriate)

1.5. Paradigm library specification (patient/context appropriate)

1.6. Subject ability assessment

1.7 Paradigm task training

1.8 Measurement/collection of performance characteristics

1.10 Subject positioning in the scanner

Discussion

1. Workflow Matrix/Polling (Dr Reuss)

- Dr. Petrella shared the tabulated data from his shortened poll (only 3 questions) which received 500+ responses at the recent ASNR meeting using the web-based SurveyMonkey tool
 - o Dr. Petrella mentioned a strong interest in fMRI fellowships and educational programs
- Dr. Reuss is updating the committee's more comprehensive poll
 - o Consideration will be given to adding a question on percentage case and the mechanisms for reimbursement
 - o The slightly revised poll will be sent to RSNA for formatting and distribution via SurveyMonkey; a link to the web-based poll will be sent out by ASFNR to their membership
 - o RSNA will receive and tabulate results from the web-based poll
 - Contact information may be captured for further follow up with Profile-related field testing efforts
 - Name, Institution, and email detail needed
- Dr. Elsinger to contact ASFNR leadership to request e-distribution to membership with an email from Drs. Elsinger and Petrella to introduce the poll (note – Dr. Barboriak is current president of ASFNR)
- Possibility of group presentation at ASFNR 2013 to report on the results of the survey and invite interested participants to participate in field testing for the Profile
- Incentive for participating could be receipt of a copy of the final results to those who provide their contact information
- High-level targeted survey would later be sent to those performing fMRI for greater methodological detail

2. QIBA Annual Meeting

- Topics for discussion in breakout session will include:
 - Profile work – current outline
 - Year 3 funding for fMRI projects
 - Knowledge gaps and topic priorities
- Need to develop a strategy to review Profile sections and develop a “flow” to update them
 - Dr. Elsinger will create workflow map t to help the group visualize this process better
 - To prepare for the meeting, Dr. Elsinger requested a brief summary of projects from the project leaders
 - a few PowerPoint slides or verbal report would be fine
 - Project updates to be in context of overall committee plan
 - What has been learned? What are the deliverables? What are the next steps?

3. Profile Development - Section Focus 1.3 discussed (Sources of Variance Summary, March 2012)

- Ctte focus to be on motor tasks 1st, language tasks 2nd
- Proposed suggestion to complete the Profile – Assigning sections to the committee members

Action Items for the face-to-face meeting:

1. Dr. Mohamed will update profile sections 1.3 and 1.5 based on discussion
2. Group will include section 1.5 outline as starting point for continued discussion/completion
3. Project leaders to have either a few slides or a verbal report ready of brief project updates (focus on knowledge gaps)

Next Meetings

- QIBA fMRI Reproducibility WG, **Tuesday, May 15th at 11 am CT**
- Next QIBA fMRI tech committee **Wednesday, May 22-23**, face to face QIBA Annual Meeting
- QIBA fMRI Technical Committee, **Wednesday, June 6th at 11 am CT**