QIBA fMRI Technical Committee Update Call Summary

Wednesday, October 5, 2011; 11 AM CDT

In attendance
- Jeffrey Petrella, MD (co-chair)
- Andrew Buckler, MS
- Paul L. Carson, PhD
- Barbara Croft, PhD
- Ted DeYoe, PhD
- Robert Haworth
- Brian Lenoski, MS

RSNA
- Feroze Mohamed, PhD
- Jay J. Pillai, MD
- James L. Reuss, PhD
- Daniel C. Sullivan, MD
- James T. Voyvodic, PhD
- Domenico Zaca, PhD

RSNA
- Joe Koudelik
- Julie Lisiecki

QIBA fMRI Technical Committee Update Call Agenda

General Items:
- Progress on current funded projects, are we on target? (JV, TD, JP)
- Poster for RSNA guidelines circulated – draft to view? (JV, TD)
- Draft for handout – circulate for comments

Profile Draft Progress (Cathy and Feroze)
- Will circulate updated outline and initial draft sections for feedback mid-October

QIBA fMRI/DICOM WG 16 (Jim R)
- Feedback provided on last draft of Jim’s document
- Next steps for meeting with DC WG 16
  - Dr. Voyvodic is particularly interested in a tool that would describe the tags used and would relate to quantifying accuracy
  - Dr. Reuss is considering adding categories to the DICOM headers to address these issues
- Mr. Buckler reminded the group to focus on what will further QIBA goals
  - Mr. Buckler recommended keeping the focus on physics and science – drive from the QIBA angle of accuracy and reproducibility
  - Dr. DeYoe suggested considering evidence in terms of what would feed into a future FDA qualification process

QIBA/RIC Activities - additional discussion prior to RIC/OIA meeting? (Jim V)
- link to wiki (newly posted use cases):
  - http://qibawiki.rsna.org/index.php?title=Committee_on_Open_Image_Archives

Next Steps
- Dr. Voyvodic will send progress reports on funded projects to RSNA
- Drs. Voyvodic and DeYoe to have draft version of fMRI Tech Ctte poster (RSNA 2011) ready for the next call
- Dr. Mohamed is working with Dr. Elsinger on a Table of Contents for the Profile based on the workflow
  - Also working to ID the metadata that goes with the data identified in each of the flows
- Dr. Reuss is prioritizing the most needed categories in DICOM to facilitate use of fMRI in clinical practice
- Group to read DICOM statistical model prior to the DICOM WG call on October 12th
- Feedback welcome for DICOM function assessment to Dr. Reuss, jreuss@prismclinical.com
- Open Image Archives (OIA) effort update – link to wiki (newly posted use cases):
  - http://qibawiki.rsna.org/index.php?title=Committee_on_Open_Image_Archives

Next Calls:
- QIBA fMRI DICOM Working Group, Wednesday, October 12, at 10 am CDT
- QIBA fMRI Technical Committee Wednesday, October 19th, at 11 am CDT
- QIBA fMRI Reproducibility Working Group call scheduled for Tuesday, October 25th, at 11 am CDT