

**QIBA fMRI Technical Committee Update**  
Wednesday, September 21, 2011; 11 AM CDT  
Call Summary

**In attendance**

Jeffrey Petrella, MD (co-chair)    Brian Lenoski, MS  
Andrew Buckler, MS                Jay J. Pillai, MD  
Paul L. Carson, PhD                 James L. Reuss, PhD  
Barbara Croft, PhD                 Laura Rigolo, MS  
Ted DeYoe, PhD                     James T. Voyvodic, PhD  
Robert Haworth                     Domenico Zaca, PhD

**RSNA**

Joe Koudelik  
Julie Lisiecki

**QIBA fMRI Technical Committee Update Call Agenda**

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**General Items:**

- Progress on current funded projects, are we on target? (JV, TD, JP)
- Poster for RSNA (template circulated); define next steps for completion; due first week of November; volunteer to complete proposed (8 ½ x 11) handout (content to be Workflow details).

**Profile Draft Progress (Cathy and Feroze)**

- Will circulate updated outline and initial draft sections for feedback mid-October

**QIBA/RIC Activities - additional discussion prior to RIC/OIA meeting? (Jim V)**

- What could we contribute to this effort in terms of data
- Contribute this information to the OIA use-case and key attributes document
- Should we define a use-case that is not currently described?

**QIBA fMRI/DICOM WG 16 (Jim R)**

- Review DICOM function assessment document prepared circulated 2 weeks ago
- Inclusion of items that are not already in DICOM headers, important for clinical fMRI
- Schedule future meeting of the group to be devoted to DICOM exclusively? (Yes.)

**Discussion**

*Open Image Archives (OIA) effort update:*

- Group decided to provide service to the QIBA effort by helping the OIA task force to understand the specific needs of an fMRI database which may help to influence future architecture of this project
- fMRI may also use an OIA database for testing algorithms in looking at reproducibility

*DICOM*

- Future meeting of the group to focus on DICOM areas most important for manufacturers
- Mr. Lenoski and Mr. Haworth commented that Working Group 16 (MR) focuses on issues for both clinical practice and research - shies away from research parameters just for the sake of research; keeps to the general standard
- Clarification: NOT-DA-11-021 – This is not for NIH funding – this notice mentioned on the last call is a request for information only

**Next Steps**

- Drs. Voyvodic and DeYoe to submit images and text for the fMRI Tech Ctte poster (RSNA 2011) – standard and AMPLE fMRI activation maps for both motor / language tasks
  - Focus on more general audience to draw interest – highlight activation map, using a sidebar feature
  - Two items to further Profile include: 1) nascent workflow and 2) reproducibility results
    - Would like to get feedback from meeting attendees via a separate flyer addressing these issues
    - Drafts to be prepared for group review by next call
- Feedback welcome for DICOM function assessment to Dr. Reuss, [jreuss@prismclinical.com](mailto:jreuss@prismclinical.com)  
[http://qibawiki.rsna.org/images/d/db/Reuss-Proposal-DICOM-functional-assessment\\_07.27.2011.pdf](http://qibawiki.rsna.org/images/d/db/Reuss-Proposal-DICOM-functional-assessment_07.27.2011.pdf)
  - Dr. Reuss will incorporate any additional comments and post to the wiki prior to next call
- 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](http://qibawiki.rsna.org/index.php?title=Committee_on_Open_Image_Archives)

**Next Calls:**

QIBA fMRI tech committee Wednesday, October 5<sup>th</sup>, at 11 am CDT

QIBA fMRI Reproducibility call scheduled for Tuesday, October 25<sup>th</sup>, at 11 am CDT