

QIBA fMRI Technical Committee/Reproducibility Update

Wednesday, September 7, 2011; 11 AM CDT

Call Summary

In attendance

Cathy Elsinger, PhD (co-chair) James L. Reuss, PhD
Jeffrey Petrella, MD (co-chair) Daniel C. Sullivan, MD
Andrew Buckler, MS James T. Voyvodic, PhD
Paul L. Carson, PhD
Feroze Mohamed, PhD

RSNA

Joe Koudelik
Julie Lisiecki

QIBA fMRI Technical Committee Update Call Agenda

Reproducibility Poster for RSNA (Jim V, Ted)

- "making fMRI reproducible/ quantitative"
- Will reformat and circulate this week – focusing on how quantitative imaging biomarker is used in fMRI, try to include an easy to read schematic drawing of workflow at the bottom.
- Timeline: two month window; RSNA needs printed poster by first week in November.
- Handout companion to poster proposed (8 ½ x 11)

Profile Draft Progress (Cathy and Feroze)

- Will soon circulate updated outline and initial draft sections for feedback

QIBA/RIC Activities (Jim V)

- What could we contribute to this effort in terms of data?
- Can we contribute to the OIA use-case and key attributes document posted on the Wiki?

QIBA fMRI/DICOM WG 16 (Jim R)

- Review DICOM function assessment document prepared by circulated this week
- 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 to prioritize areas that are most important for manufacturers

Next Steps

- Group to continue review of DICOM function assessment document prepared by Dr. Reuss for 9/21 Tech Call: http://qibawiki.rsna.org/images/d/db/Reuss-Proposal-DICOM-functional-assessment_07.27.2011.pdf
- A future meeting of the group to be devoted to DICOM exclusively to prioritize areas that are most important for manufacturers; Group to allocate time on technical committee calls to cover DICOM topics
- Dr. Reuss recommended follow up on possible funding mechanism through NIH (*distributed to group via email*)
 - NIH promotion of standardization and sharing of image data – grants available, essay application required by mid-October with 2,000 words or less (**Notice Number**: NOT-DA-11-021)
- Group to consider how best to contribute to the Open Image Archives (OIA) effort, led by Dr Zahlmann and Mr Avila
- QIBA/RIC (Radiology Informatics Cttee) Task Force activities to be discussed on Reproducibility call, Sept 13th
- Suggested was to divide discussion topics on TC and reproducibility calls:
 - Tech Cttee call focus: 1-general activities, 2-Profile and 3-DICOM effort topics
 - Reproducibility call focus: 1-ongoing fMRI projects results and 2-QIBA/RIC activities

Next Calls:

QIBA fMRI Reproducibility call scheduled for Tuesday, September 13, at 11 am CDT

QIBA fMRI tech committee Wednesday, September 21st, at 11 am CDT