

QIBA fMRI Technical Committee Update

Wednesday, July 27, 2011; 11 AM CDT

Call Summary

In attendance

Cathy Elsinger, PhD (co-chair) Feroze Mohamed, PhD
Jeffrey Petrella, MD (co-chair) Jay J. Pillai, MD
Andrew Buckler, MS James L. Reuss, PhD
Ted DeYoe, PhD Domenico Zaca, PhD

RSNA

Joe Koudelik
Julie Lisiecki

QIBA fMRI Technical Committee Update Call Agenda

Workflow Document (Dr. DeYoe)

- Use as is to begin profile writing on draft 1 of profile

CT Template for Profile Draft

- Review of their outline – edit in the context of current workflow document?

I. Executive Summary

II. Clinical Context and Claims

Utilities and Endpoints for Clinical Trials

Claim: Measure Change in Tumor Volume

III. Profile Details

1. Subject Handling

2. Image Data Acquisition

3. Image Data Reconstruction

4. Image Analysis

IV. Compliance

Acquisition Device

Reconstruction Software

Software Analysis Tool

Image Acquisition Site

References

Appendices

Acknowledgements and Attributions

Background Information

Conventions and Definitions

Model-specific Instructions and Parameters

QIBA fMRI/DICOM 16 Working Group (Jim R, Jim V)

- Updates and List of potential objects

Workflow Document

- Status , Review of items/edits, Formalize document for circulation to other contacts
- Use this document to begin profile writing on draft 1 of profile

Next Steps

- Profile with recommendations can be provided to WG 16 when available – availability of tool for widespread use, containing components of overall workflow.
- RSNA staff to send group invitation to Dr. Wim Corbijn van Willenswaard and Mr. Robert Haworth.
- Drs. Elsinger and Mohamed to collaborate on drafting Profile sections ; follow-up offline early next week proposed
- Dr. Reuss to circulate his DICOM function assessment document (posted to the QIBA Wiki)
 - http://qibawiki.rsna.org/images/d/db/Reuss-Proposal-DICOM-functional-assessment_07.27.2011.pdf
- Dr. DeYoe to remove commercial information, make edits, and distribute workflow to group for comments
- Group to consider use of Profile appendices for scanner/ vendor specific acquisition details

Next Calls:

Wednesday, 8/10/11 QIBA fMRI Tech Ctte Call (combined fMRI tech committee/reproducibility)

Wednesday, 8/24/11 QIBA fMRI Tech Ctte Call