

QIBA fMRI Technical Committee Update

Wednesday, December 5, 2012 at 11 AM CT
Draft Call Summary

In attendance

Ted DeYoe, PhD (Co-Chair)

Cathy Elsinger, PhD (Co-Chair)

Jeffrey Petrella, MD (Co-Chair)

Paul Carson, PhD

Erich Huang, PhD

Andrew J. Kalnin, MD

Feroze Mohamed, PhD

James L. Reuss, PhD

Laura Rigolo, MS

James T. Voyvodic, PhD

RSNA

Fiona Miller

Joe Koudelik

Julie Lisiecki

QIBA fMRI Technical Committee Call Agenda, Wednesday, December 5, 2012 (11 AM CT)

1. RSNA face to face meeting (Ted, Jim V., Andrew Kalnin, Jay Pillai, Cathy, Heiko Meyer (Siemens) - Feroze and Erich Huang by phone)
 - TC meeting focus on profile development
 - Bias WG meeting focus on DRO development
 2. Workflow Poll to be distributed to ASFNR membership (not ASNR?) – Jim Reuss
 3. Joe will mail RSNA poster back – would someone like to submit to ASFNR?
 4. Profile work – see attached draft (Attachment A) - New Template for Profile – added new claim language based on Metrology working group template.
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Discussion

1. QIBA meeting at RSNA 2012 - highlights

- Breakout session focused on Profile and sources of variance (SOVs)
- Reproducibility Working Group will focus on bias for the next calls
 - Focus on defining and addressing bias, reproducibility and precision
 - What bias means in geometric terms
- Some issues for further consideration:
 - Issues with assessing the BOLD signal
 - Using synthetic data with known signals (DRO – Digital Reference Object/ synthetic imaging data)
 - Dr. Voyvodic to invite Dr. Barboriak to a future meeting to discuss the DCE-MRI DRO

2. Update on workflow poll for ASFNR

- Dr. Reuss is handling the logistics and follow up on the ASFNR/ ASNR survey: ireuss@prismclinical.com.

3. Poster for RSNA 2012 Update – RSNA will ship the poster back to Dr. DeYoe for exhibition at the ASFNR meeting in 2013.

- Abstract deadline for ASFNR is January 14, 2013 for submitting the poster (links on [wiki](#))

4. New template for Profile discussed with focus on new claim construction

- Tech Ctte members asked to review newly revised Profile sections and provide feedback
- Details to be worked out with regard to bias, accuracy, reproducibility and precision.
- April 2013 targeted as deadline for completed Profile

Next Steps:

- Dr. Voyvodic to follow up with Dr. Barboriak re: participation in future meeting
- Dr. Elsinger to invite Dr. Kinahan to discuss the multi-institutional R01 grant
- Dr. Reuss to follow up on ASFNR/ ASNR Staff regarding survey logistics
- Tech Ctte Members to provide feedback on Profile updates

Next Meetings

- Next QIBA fMRI Bias Working Group Call, **Tuesday, December 11th at 10 am CT** (focus on bias and DRO development)
- Next QIBA fMRI Technical Committee, **Wednesday, December 19th at 11 am CT** (focus on Profile development)