

QIBA fMRI Reproducibility Work Group Update

March 15, 2011

11 am CDT

Call Summary

In attendance:

James T. Voyvodic, PhD (Chair)

Edgar DeYoe, PhD

Cathy Elsinger, PhD

Feroze Mohamed, PhD

Laura Rigolo, MS

Daniel Sullivan, MD

Domenico Zaca, PhD

RSNA

Joe Koudelik

General Discussion:

- Round 2 of QIBA funding proposals discussed
- 2011 QIBA Annual Meeting scheduled for May 24-25 in Washington DC area
 - Possibility to continue Tech Ctte f2f from 1-5 PM on Day 2, May 25th
- Study design needed to pursue quantitative methodology; need to identify what is to be quantified
- Identification of technical characteristics needed
- Quantitative goals to be developed
- Claim context for Profile needs to be developed based on:
 - Center of Mass
 - Spatial Extent
 - Relative Amplitude
 - Specific Functionality
 - Distance to Resection Site
- Need to identify metrics to be quantitative
- Focus to be on readout measures
- Different methodologies need to be addressed
 - AMPLE to be methodology chosen for QIBA funded study

Next steps:

- Dr Elsinger to email invite and details of extended f2f meeting of fMRI Tech Ctte at QIBA Annual Meeting on May 25th (1-5 PM)
- Next fMRI Reproducibility Work Group call is scheduled for Tuesday, April 5, 2011