QIBA fMRI Reproducibility Work Group Update
Tuesday, June 21, 2011 at 11 AM CDT

Call Summary

In attendance
James Voyvodic, PhD (Chair)
Andrew Buckler, MS
Jeffrey Petrella, MD
Laura Rigolo, MS
Daniel Sullivan, MD
Domenico Zaca, PhD

RSNA
Joe Koudelik

How to Determine a Quantitative Laterality Index (overview)
- Dr Voyvodic presented preliminary reproducibility results on work funded by his QIBA Round-1 Sub-award
- Various methods to generate quantitative data discussed; robust metric still needed
- Motor cortex and language mapping reproducibility discussed
- Normalization (e.g., AMPLE, clustering, weighted averages, etc) effects of reproducibility
- Factors that contribute to reproducibility discussed
- Goal is to determine how consistent current measurements are and what factors allow us to measure more greater consistent
- Studying various paradigms for effectiveness suggested

Next Steps
- Dr Voyvodic to complete his laterality index publication
- Next call scheduled for Tuesday, July 19th, at 11 am CDT