

QIBA Volumetric CT Group 3A Update

Thursday, April 28, 2011; 11 AM CDT
Call Summary

In attendance

Maria Athellogou, PhD (Chair) David Gustafson, PhD
Hubert Beaumont, PhD Nicholas Petrick, PhD
Andrew Buckler, MS Patrick Reynolds, MS
Charles Fenimore, PhD Ying Tang, PhD

RSNA

Julie Lisiecki

I. Study Design discussed

- Discussion of the 3A Group study design
- Data for the study
- Mr. Buckler encouraged the group to use the Word document for the study design (posted to the WIKI) and mark it up with comments, edits, etc for consistency and ease of updating the group

II. Three Study Design Objectives Emerged:

1. Variability
 2. Miccai-like evaluations
 3. Usability for workflow effectiveness evaluations
 - How many corrections?
 - How fast did the algorithm run?
- 1 and 3 seem to be of highest priority

III. How to Use the Data

1. Sequestered data?
 - a. Consider data partitioning or a development set
2. Trusted broker?
 - a. Logistics?

Next steps:

- Mr. Buckler to update study design Word document; RSNA staff to post to the WIKI
- Group to review Word document for study design for any changes needed; edit freely using posted version on WIKI

Next call: Thursday, May 12, 2011, 11 am, CDT

Note: all documents are posted to the QIBA wiki at: <http://qibawiki.rsna.org>.