

QIBA Volumetric CT Group 3A Update

Monday, June 23, 2011 at 11 AM CDT

Call Summary

In attendance

Maria Athelougou, PhD (Chair)
Andrew Buckler, MS
Hyun Grace Kim, PhD
Nicholas Petrick, PhD
Ying Tang, PhD

RSNA

Joe Koudelik

General Discussion

- Group 3A study design discussed
- Definitions section and bias equations discussed
 - Bias and variation equations still needed
- Characterizing performance of absolute volume estimation when ground truth is known
- Need to identify the reference datasets and the resultant descriptive statistics
- Annotations and the use for annotation tools discussed
- Use of the same analysis tool across the entire study proposed
- Various participant procedure documents discussed
 - Application
 - Participant Agreement
 - 3A Challenge protocol (to be posted on QIBA WIKI)
 - 3A Challenge data (to be defined)
 - Format of results

Next Steps

- Initial drafting of documents
- Descriptive characteristics need more discussion
- Dr Kim to present statistical analysis update on next call
- Dr Fenimore to prepare Participant Agreement language as reference
- Dr Petrick to confirm use of definitions for FDA guidance
- Next call schedule for Thursday, July 7, 2011 at 11 am CDT