

QIBA Volumetric CT Group 3A Update
Thursday, November 17, 2011; 11 AM CST
Call Summary

RSNA

In attendance

Maria Athelougou, PhD (Chair)	Dirk Colditz, PhD	Nicholas Petrick, PhD	Fiona Miller
Hubert Beaumont, PhD	Alden Dima, MS	Anthony P. Reeves, PhD	Joe Koudelik
Andrew Buckler, MS	David Gustafson, PhD	Patrick Reynolds, MS	Julie Lisiecki
Paul Carson, PhD	Estanislao Oubel, PhD	Ying Tang, PhD	

1. Update on NIST Workshop to Introduce the QIBA Group 3A Challenge

- Mr. Dima reviewed the meeting and deemed it a success
- There were 25 registrants for the in-person meeting and 25 participants via teleconference
- Hopeful that at least 5 of these participants will participate in the Challenge

2. Edits Suggested for Study Design

- May be confusing to use the term “seed points” – suggested change to “lesion location”
- Measurement preferred is **mm³** per majority consensus
- Additional biomarker tab on spreadsheet suggested
- Mr. Buckler to update files with these edits

3. Edits for the Participant Agreement

- Mr. Dima will make edits to the participant agreement and send to Mr. Buckler for upload to QI-Bench site
 1. RSNA Staff will not be able to begin assigning the ID numbers **until/ after December 6th**
 2. Any requests or data that come into RSNA between 12/22/11 and 1/2/12 will **not be processed until January 3rd**

4. Measurement Criterion/ Categories Discussed

- Dr. Beaumont brought up the extent of automation and its effect on variability/ categories for comparison
- Two sets of numbers may be assessed:
 1. Totally automated
 2. Semi-automated: Qualify with how much additional human effort was required
- Group decided to focus on two categories:
 1. Number of interactions
 2. Time needed for each lesion
- The group expressed concern about receiving sufficient data and ability to make modifications for the pivotal study

5. Demonstration of QI-Bench Data Site: www.QI-Bench.org

- Mr. Buckler walked the group through the participant steps on QI-Bench / Public Data Access site

Next steps:

- Mr. Dima to follow up with Fiona Miller, RSNA for the November 21st “QIBA 3A Challenge” invitation
- Mr. Buckler to provide finalized wording for the formal invitation to the “Challenge”
- Mr. Dima to provide a revised participant agreement
- Mr. Buckler to edit documents as suggested

Next call: Thursday, December 8, 2011 at 11 am CST – (rollout of the Challenge)