

QIBA Volumetric CT Group 3A Update
Thursday, 12 July 2012 at 11:30 AM CT (GMT-5)
Call Summary

In attendance

Maria Athelougou, PhD (Chair)

Hubert Beaumont, PhD

Andrew Buckler, MS

Dirk Colditz, PhD

Rudresh Jarecha, MBBS

Hyun Grace Kim, PhD

Nicholas Petrick, PhD

Yongqiang Tan, PhD

Ying Tang, PhD

Luduan Zhang, PhD

RSNA

Joe Koudelik

Julie Lisiecki

Pivotal Study Update

- Eight datasets out of 12 have been submitted – waiting for 4 more datasets
- Data submission deadline was extended to **Monday, July 16th, 2012** – final extension.
 - RSNA Staff to send reminder to participants
- Dr. Kim to start on analysis for a preliminary review on the July 26th group call

Manuscript Update

- Dr. Athelougou sent draft copy for review to section authors
- A final draft of the manuscript currently targeted for the end of July

Ideas for Future QIBA CT Volumetry Group 3A Challenge – Round Three Discussed

- A third challenge is being considered – rollout proposed for September 2012
- Goal to guide next Challenge development based on interest of participants
 - Participants may need to confer with their respective companies regarding focus/ value
 - A formal request will be drafted by the study organizers and sent to the QIBA CT Volumetry and QIBA COPD/Asthma Technical Committees
- Items for consideration include:
 - Motivation for participants
 - Product-related
 - Service-related
 - Type and volume of data for round three
 - Clinical data
 - Phantom data focused on morphology
 - Type of FDA parameters to consider for clinical data
 - Sensitivity to the shape of a lesion
 - Priority ordering of the data
- Available data:
 - 1187 cases available – FDA data
 - Phantom data from the QIBA 1C project –(cross-site and scanner performance study)

Next steps:

- RSNA Staff to send reminder to participants with final deadline of Monday, July 16th
- RSNA Staff to send query regarding a third challenge to QIBA CT Volumetry and QIBA COPD/Asthma Tech Cttes with blurb from study organizers

Next call: *Thursday, July 26, 2012 at 11:30 AM CT.* (Dr. Kim to present preliminary findings for PIVOTAL study.)