

QIBA Volumetric CT Group 3A Update
Thursday, February 9, 2012; 11 AM CST
Call Summary

In attendance

Maria Athelougou, PhD (Chair)

Hubert Beaumont, PhD

Andrew J. Buckler, MS

Dirk Colditz, PhD

Alden Dima, MS

Nicholas Petrick, PhD

David Raunig, PhD

Yongqiang Tan

Ying Tang, PhD

RSNA

Joe Koudelik

Julie Lisiecki

1. Update on the QIBA Group 3A Challenge

- No new participants or data received; a reminder regarding the deadline for data submission was sent on 2/6/2012
 - Data submission - **Wednesday, February 29, 2012**
 - Analysis/ results extended to – **Wednesday, March 28, 2012**

2. MICCAI conference, October 1-5, 2012 (Nice, France)

- Available workshops for presentation of Challenge results do not match up well with the group's goals
- Closest match is "radiation therapy" topic with focus on:
 - Treatment of cancer or
 - Planning for surgery
- Group 3A to focus on implications for therapy
- Group needs to submit an abstract for acceptance to the conference
 - Deadlines for workshops are not yet defined.
 - Oct 1 – 5, 2012 – presentation at conference

3. Study Design Update

- Dr. Beaumont provided comments regarding the study design – to be distributed for group feedback
 - Concern regarding the possibility of adjusting segmentation
 - More description regarding the two aspects of usability though usability is considered "lateral"
- PIVOTAL study update
 - Mr. Dima and Dr. Saiprasad are working on the data seed points
 - Drs. Kim and Lu are working on the power study
- Discussion regarding "pooling" of lesion types; reminder that clarity of group hypothesis is important

Next steps:

- RSNA Staff to provide Challenge status update on next call
- RSNA Staff to distribute Dr. Beaumont's suggested edits to study design for feedback (complete)
- RSNA staff to send a reminder (2/15) to those who have not submitted data (deadline: Feb 29th)
- 3A Challenge organizers to continue work on curation of the pivotal data for next phase

Next call: *Thursday, February 23, 2012 at 11 am CST*