

QIBA CT Volumetry Biomarker Committee (BC) Update Call

13 April 2015 at 11 AM CT

Draft Call Summary

In attendance:

Samuel G. Armato III, PhD (Co-Chair)
Maria Athelougou, PhD
Hubert Beaumont, PhD
Andrew Buckler, MS

Nancy Obuchowski, PhD
Michael O'Connor, PhD
Kevin O'Donnell, MASc

Adele Peskin, PhD
Daniel Sullivan, MD
Lifeng Yu, PhD

RSNA:

Joe Koudelik
Julie Lisiecki

Agenda: Focus on Field Test Call for PI and related issues

General Discussion

- Recent discussion topics were reviewed:
 - Field test to use only non-contrast studies
 - Animal studies were considered as a means of handling the field test but have proved an unlikely option due to the difficulty in finding a PI and the cost
 - Decision to continue use of automated segmentation software
 - Suggestion to consider a PubMed search to identify a relevant animal model
 - Coffee break studies were conducted without contrast
 - CT scans from PET/ CT scans that are not contrasted are now under consideration for use in this Field Test for the test-retest portion
- Possibility of one PI coordinating a multi-site field test was also discussed
 - Benefit would be fewer cases to collect per site
 - Detriment would be having to “share” any funding amongst sites, creating additional contract work and approval deadlines

Action items

- Dr. Armato to follow up with Drs. Goldmacher and Schwartz so that they may contact perspective Field Test PIs the **week of April 20 – 24 for discussion on the April 27th call**
 - To-date, only one PI has volunteered, Dr. van Ooijen, with the University Medical Center Groningen in the Netherlands.
 - Dr. Lifeng Yu, new participant on the call from Mayo, indicated strong interest in serving as a PI for such the field test (materials to be forwarded to him)
- Potential site leaders for the field test to be contacted as follows to secure commitment to the project:
 - Dr. Sullivan to follow up with Dr. Samei (Duke)
 - Dr. Schwartz to follow up with Dr. Zhao (Columbia)
 - Dr. Goldmacher to follow up with Dr. Gillies (Moffitt)
 - Dr. Goldmacher to follow up with Dr. Siegelman (Brigham & Women's / Dana-Farber)
 - Dr. Armato to follow up with Dr. Lifeng Yu (Mayo)
 - Mr. Buckler to follow up with Dr. van Ooijen, pending co-chair decision
- Dr. Armato indicated that the University of Chicago would *not* be able to participate as a Field Test site

Next Calls:

- **April 20:** Case Reading Group, led by Dr. Kalpathy-Cramer (QIN)
- **April 27:** Continuation of Field Test Planning Discussion
- **May 04:** No call