QIBA CT Volumetry Biomarker Committee (BC) Update Call
27 April 2015 at 11 AM CT
Draft Call Summary

In attendance: Gregory Goldmacher, MD, PhD (Co-Chair) Samuel G. Armato III, PhD (Co-Chair) Hubert Beaumont, PhD Andrew Buckler, MS Charles Fenimore, PhD David Gustafson, PhD Lubomir Hadjiiski, PhD Rudresh Jarecha, MBBS Philip F. Judy, PhD Jayashree Kalpathy-Cramer, PhD Hyun Grace Kim, PhD Michael McNitt-Gray, PhD James Mulshine, MD Nancy Obuchowski, PhD

RSNA: Kevin O’Donnell, MASC Eric S. Perlman, MD Nicholas Petrick, PhD Jenifer Siegelman, MD, MPH Daniel Sullivan, MD Ying Tang, PhD Pierre Tervé, MS

Continued Discussion: Field Test and Logistics
• Issues to discuss:
  o What infrastructure is available to support case reads?
  o What financial support is already available, and what is needed
• Plan: discuss design for field test
• Patients: criteria and procedure
• Two year project
• Case collection in first year: estimate need of $135,000
  o Write budget into draft proposal
• Readers for second year: recruit radiologists from QIBA membership
• Statistical analysis

General Discussion
• Dr. Goldmacher asked for items for discussion or to start conversation on existing items on the agenda
• IRB Approval
  o AAPM Statement
    ▪ Precedent is that radiation safety officer will validate statement
    ▪ Should not impact this project
• Dr. Obuchowski proposed a randomization process for readers
• Dr. Sullivan proposed that the committee consider a pocket phantom approach, which will help obtain ground truth with each patient scan

Action items
• Dr. Goldmacher to invite / remind presenters about upcoming presentations to the BC
• Leadership to discuss a spring / summer call schedule

Next Call: May 18: Continuation of Field Test Planning Discussion