

## 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

Kevin O'Donnell, MASC

Eric S. Perlman, MD

Nicholas Petrick, PhD

Jenifer Siegelman, MD, MPH

Daniel Sullivan, MD

Ying Tang, PhD

Pierre Tervé, MS

### RSNA:

Joe Koudelik

Susan Weinmann

### Continued Discussion: Field Test and Logistics

- Issues to discuss:
  - What infrastructure is available to support case reads?
  - 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
  - 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
  - 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