QIBA CT Volumetry Field Test Design (TF) Update Call
02 March 2015 at 11 AM CT
Participation Tracking / Action Items

In attendance:

Gregory V. Goldmacher, MD, PhD, (Co-Chair)
Maria Athelogou, PhD
Hubert Beaumont, PhD
Andrew Buckler, MS
Nancy Obuchowski, PhD
Ehsan Samei, PhD
Binsheng Zhao, DSc

RSNA:
Joe Koudelik
Julie Lisiecki

Agenda: Field test protocol study design

Notes from Dr. Goldmacher, 2/9:

The primary objective of the field test, as clarified during today's discussion, is as follows:

- To collect enough data to define the variability of tumor volume measurements in patients, when no true biological change exists (though the scanner, reader, and volume measurement software can vary).

- This information on variability can then be combined with what has already been determined about measurement bias, using phantom scans, to define the performance of volume change measurements in conditions where underlying biological change occurs.

The secondary objective is to collect data that can be used for compliance testing.

Field Test Planning

- The Task Force for Field Test Design will be comprised of the following volunteers:

	Full Name	**Institution**
1.	Samuel G. Armato III, PhD	University of Chicago
2.	Maria Athelogou, PhD	Definiens
3.	Hubert Beaumont, PhD	Median Technologies
4.	Andrew J. Buckler, MS	Elucid Bioimaging
5.	Robert J. Gillies, PhD	Moffitt Cancer Center
6.	Gregory Goldmacher, MD, PhD	ICON Medical Imaging
7.	Nancy Obuchowski, PhD	Cleveland Clinic Foundation
8.	Ehsan Samei, PhD	Duke University
9.	Jenifer Siegelman, MD, MPH	Harvard Medical School / Brigham and Women's
10.	Binsheng Zhao, DSc	Columbia University

- **Scheduling note:** Dr. Zhao asked to be added to the group
- A call with this cross-section of hardware vendors, software developers, and clinicians is needed to review how compliance of software is achieved prior to moving forward to the next phase

Next Calls:
March 09 – No Call
March 11 – CT Liver Phantom Update Call
March 16 – Field Test Study Design Task Force #2, continuing discussion
March 23 – Field test protocol data harvesting