QIBA CT Volumetry Technical Committee Update Call
22 April 2013 at 11 AM CST (GMT-6)

Call Summary

**In attendance:**
- Gregory V. Goldmacher, MD, PhD (Co-Chair)
- Lawrence H. Schwartz, MD (Co-Chair)
- Hubert Beaumont, PhD
- Andrew Buckler, MS
- Barbara Croft, PhD
- Edward A. Eikman, MD
- Philip F. Judy, PhD
- Michael McNitt-Gray, PhD
- James Mulshine, MD
- Kevin O’Donnell, MASc
- Guillaume Orieux, MSc
- Eric S. Perlman, MD
- Mathias Prokop, MD, PhD
- David L. Raunig, PhD
- Daniel C. Sullivan, MD
- Ying Tang, PhD
- David F. Wiley, PhD

**RSNA:**
- Fiona Miller
- Joe Koudelik
- Madeleine McCoy

**General Discussion**

**Projects to be identified for the next round of potential funding:**
1. Need to refine the CT Volumetry technology gap analysis of what remains to be done.
2. A rough outline of projects and costs estimates to be submitted to the Steering Committee by May 3rd. (The starting point would be where this discussion was left last fall, which is represented in part from both the draft SOW and Dr. Schwartz’ project outline presented to the QIBA Steering Committee on January 31st.)

**Advanced disease:**
1. Develop Profiles for CT volumetry of hepatic masses and lymphatic metastases.
2. Characterize comparative algorithm performance for patient data sets in the thorax and abdomen.
3. Apply predictive metrics for CT volumetry in a calibration and quality control program for both compliance testing and ongoing QC.
4. Conduct additional validation studies of CT volumetry for FDA qualification as a biomarker for predicting patient survival in an expanded range of indications.

**Screening:**
- Using data from phantom studies and patient data sets of the thorax, develop a Profile for CT volumetry of lung masses smaller than 10mm.

**Phantom:**
- Anthropomorphic liver phantom needed for next Profile

**Next steps**
- Create a plan to turn the proposals into projects.
  - E-mail follow-up between the co-chairs needed before the next TC t-con.
- Next QIBA CT-VOL Tech Ctte t-con, Monday, June 3, 2013 at 11am (CDT).