QIBA Volumetric CT Group 1C Update
Thursday, July 7, 2011; 3:00 PM CDT
Draft Call Summary

In attendance

Charles Fenimore, PhD, (Chair)	Michael McNitt-Gray, PhD	**RSNA**
Andrew Buckler, MS	Nicholas Petrick, PhD	Julie Lisiecki
David A. Clunie, MBBS	Ganesh Saiprasad, PhD	
Marios Gavrielides, PhD	Daniel C. Sullivan, MD	
Hyun Grace Kim, PhD	Ying Tang, PhD	
John Lu, PhD	Bingsheng Zhao, DSc	

I.   **Overview of data organization: CoreLab Partners**
- Each site uses a different name for the subject header – Dr. Clunie standardized these headers
- Will use 5-7 readers

II.   **Various Issues discussed:**
- Now using data from 5 sites (UCLA, FDA, NIST, Toshiba, and UMD)
- Power calculations need to be redone
- Any issues seen appear to be **site** – *not* **manufacturer,** dependent

III.   **Hypothesis**
- Does protocol make a difference in terms of the imaging results?
- What is the end goal of the study?
    - 1) Characterizing performance? or
    - 2) Determining factors/ issues we can improve by using the 2 protocols?
- Hypothesis needs to be clear - must add assumptions/ clarify for powering the study
    - Want to minimize differences between scanners and show statistics across manufacturers

Next steps:
1. Dr. Fenimore to follow-up with Dr. Kim offline to finalize the primary hypothesis and add power to the statistical analysis

Next call: TBD.

Note: all documents are posted to the QIBA wiki at: http://qibawiki.rsna.org; the specific 1C page link is:
http://qibawiki.rsna.org/index.php?title=VolCT_-_Group_1C