QIBA Volumetric CT Group 3A Update
Thursday, 14 June 2012 at 11:30 AM CT (GMT-6)
Call Summary

In attendance   **RSNA**

Maria Athelogou, PhD (Chair)   Rudresh Jarecha, MBBS   Yongqiang Tan, PhD   Joe Koudelik

Hubert Beaumont, PhD   David Raunig, PhD   Ying Tang, PhD   Julie Lisiecki

Andrew Buckler, MS   Ganesh Saiprasad, PhD   Emilio Vega, BS, RT (R)(CT)

Dirk Colditz, PhD

New participants on the call welcomed
- Rudresh Jarecha, MBBS, *Perceptive Informatics*
- Emilio Vega, BS, RT (R)(CT), *NYU Langone Medical Center*

Pilot Study Analysis Update
- Permission requested for participant company/institution names to be referenced in publications
    - Received 11 confirmations out of 12; a final reminder was sent by RSNA staff on 5/31

Pivotal Study Update
- Two datasets out of 11 have been submitted
- submission deadline has been extended to June 21st, 2012
    - On the 6/21 group call, it will be decided whether or not the deadline need be extended further.
- Pivotal Study results may be used for a power study for regulatory purposes, which would increase interest for commercial suppliers and potentially stimulate innovation.

Manuscript Update
- Draft manuscript reviewed with text incorporated from section authors; Dr. Athelogou following up
- Decision regarding journal for publication has been postponed until the manuscript is complete

Technical Support
- Dr. Saiprasad addressed technical questions from pivotal participants.
- It may be helpful to specify "top" and "bottom" slides for participants within the pivotal data
- RSNA Staff to distribute an email asking participants about their progress and need for assistance

Future Challenges Proposed at recent QIBA Annual Meeting (May 2012)
- More challenges are being considered, each progressively more "challenging," with three possible sources of data under consideration:
    1. Dataset from the QIBA CT Volumetry Group 1B
        - Patient "coffee break" paradigm could be utilized for evaluation of multiple methods of change analysis
    2. Dataset from the QIBA CT Volumetry Group 1C
        - Multiple sites and scanner models different from FDA model: cuts cross scanners and has different reconstructions
    3. Screening datasets with smaller nodules that are not known to be cancerous with follow up paradigms and growth rates predictive of cancer

Next steps:
- More text and reference information needed from section authors on manuscript; Dr. Athelogou to follow up
- RSNA Staff to distribute an email asking pivotal participants about progress or need for assistance

Next call: *Thursday, June 21, 2012 at 11:30 AM CT. There will be no call on June 28th.*