QIBA COPD/Asthma LDRCS WG
March 7, 2012 at 2 PM CST
Draft Call Summary

Agenda

1. Agenda items for March 10th Meeting, 4:00 PM at the STR Conference:
   a. Review 2012 Conference
   b. Plan a 2013 Conference
   c. Determine what contribution QIBA can make to development of normative lung QCT data
   d. Is there a need for "Standard" software for analysis of COPDGene Phantom?
   e. Other business

2. Schedule March and April Conference call

3. Plans for Technical Committee
   a. Complete profile for one biomarker by -?
   b. Round robin scans of COPDGene Phantom with NIST Foam
      (0) Have scanned at Brigham and Wisconsin
      (1) NIST
      (2) Scotland
      (3) Denver
      (4) Iowa
      (5) Other interested investigators
   c. Software for tube analysis of COPDGene Phantom Images
   d. Normative data as decided on 3/10/2012
   e. Suggestions?

Discussion Summary

Some goals for the discussion on Saturday, March 10th:

- Dr. Judy suggested the development of a public archive for phantoms
  - QIBA team members to network with Dr. Graham Barr to pool or combine data to validate genetic findings

Profile

- Suggestion to develop a broader-based approach to quantitative CT beyond the current focus on COPDGene that is geared toward the practicing radiologist, not clinical trials
- A volunteer is needed to take the lead on completing the Profile for one biomarker
- A fairly comprehensive Profile Draft from the University of Iowa is awaiting additional feedback from the group on the Claims language
- Dr. Fain will host an “airways measurement” call in Dr. Judy’s absence to discuss a software development project

Phantom Updates and Other topics

- Dr. Judy has sent his phantom to NIST for foam scanning
- Dr. Connell plans to scan the COPDGene phantom using a dose-reduction scheme with rings lent by Dr. Judy
  - Dr. Hoppel and Toshiba team members plan to visit Dr. Connell in Scotland to see his lab facility
- Mr. Sieren will forward a second COPDGene phantom to Dr. Lynch at National Jewish in Denver

Next Steps:

- More discussion is needed regarding Year-3 Potential NIBIB Projects; to continue on next call, March 14th
  - Dr. Judy to follow up with Dr. Sullivan regarding some suggestions for the group
- RSNA staff to follow up with Dr. Fain re: scheduling an Airway Measurements call for 3/28.
- Mr. Sieren will forward a COPDGene phantom to Dr. Lynch at National Jewish in Denver

Next calls:

- Next COPD/Asthma LDRCS WG update call: Wednesday, March 14 2012 at 2 PM CST
- Airway measurements call scheduled for March 28th at 2 pm CST
- Next COPD/Asthma Technical Committee update call: April 11th