QIBA COPD/Asthma Technical Committee (TC)
May 8, 2013 at 2 PM CT
Call Summary

In attendance
Philip F. Judy, PhD (Chair)
Paul Carson, PhD
Heather Chen-Mayer, PhD
Harvey Coxson, PhD

RSNA
Barbara Croft, PhD
Sean Fain, PhD
Bernice Hoppel, PhD
Julie Lisiecki

Agenda COPD/Asthma Technical Committee, 5/8/2013
1. Quantitative Image Data Warehouse (QIDW)
   Tags of required variables
   Additions and subtractions?
2. Annual Meeting
   Report to Steering Committee - Draft Presentation
   Agenda for breakout
3. Poster for Annual Meeting
   NIST foam issues
4. NIBIB Contract Projects
5. Profile Specifications

Discussion topics:

1. QIDW – Image Data Warehouse Discussion
   • Some DICOM headers require special treatment, i.e., trusting the manufacturer vs. checking the specifications and verifying them
   • Consideration to be given to limiting QIDW to axial images only

2. QIBA Annual Meeting
   • Presentation of QIBA COPD/Asthma Tech Ctte Update PowerPoint slides for group input/feedback
   • No follow up from CBQC regarding collaboration on a biomarker
   • Dr. Sullivan had indicated that a Profile will be completed by September 2013
     o Dose needs to be emphasized more strongly in the Profile
     o Parameters for emphysema must match the Profile

3. Poster for Annual Meeting
   • Has been shipped

4. Proposed Projects
   • Create public domain computer program to analyze COPDGene Phantom images
   • Study the dichotomy between phantom CT images and human lung CT images
   • Create a public archive of COPDGene Phantom images and other phantom images
   • Dr. Judy welcomes other suggestions for projects: philipfjudy@philipfjudy.com.

5. Profile Specifications for Parameters
   • Volunteers were assigned topics to complete this exercise more quickly:
     o Dr. Chen-Mayer: Image data reconstruction
     o Dr. Hoppel: Image acquisition

For next call: Plan Summer Activities; Divide up tasks

Next call: QIBA COPD/Asthma Update Call, Wednesday May 22, 2013, 2 pm CT