In attendance

Philip F. Judy, PhD (Chair)  John Hokanson, PhD
Paul Carson, PhD  Bernice Hoppel, PhD
Heather Chen-Mayer, PhD  Daniel C. Sullivan, MD
Sean Fain, PhD

RSNA

Joe Koudelik
Julie Lisiecki

COPD/Asthma Technical Committee Agenda, 6/5/2013

1. NIBIB Contract Project Priorities
   a. COPDGene Phantom image analysis computer programs
   b. Secondary CT Lung Density Reference Standard
   c. Joint COPDGene-QIBA Precision-Bias Study

2. Profile Progress
   a. Starting specifications – standard of practice
   b. Claims – PercentEmphysema-950 versus Perc15
   c. Analysis section - outline

3. Quantitative Image Data Warehouse (QIDW)
   Possible projects
   a. Warehouse secondary reference experiments
   b. Warehouse specification tolerance experiments

4. COPD Bio-marker Qualification Consortium (CBQC) progress

5. QIBA Schedule 6th IWPFI in Madison July 20, 2013

Discussion topics:

1. Discussion with Dr. John Hokanson, re: COPDGene collaboration
   • Collaboration with COPDGene planned to pursue phantom multi-site test/retest experiments
   • Potential funding requests for operational/refinement costs.
   • Dr. Hokanson received permission to share data with QIBA COPD/Asthma to better understand data variability and to work toward biomarker measures
     • Drs. Hokanson and Judy welcome feedback from QIBA COPD/Asthma technical committee in designing this study

2. Profile Progress
   • Dr. Judy to serve as Profile editor and have a draft version for review on the group’s July 3rd meeting
   • A review of literature on reproducibility was conducted with the group
   • More discussion of the claims is needed: 1) precision and bias and 2) airways
   • The primary issue is that those who perform tests are not using consistent techniques
   • Dr. Judy to follow up with Dr. Lynch regarding duplicate histograms, volume correction, and level of inspiration

3. Quantitative Image Data Warehouse (QIDW) Possible projects
   • Inclusion of data that will contribute to the Profile development

4. COPD Bio-marker Qualification Consortium (CBQC) progress
   • Dr. Judy to follow up with Drs. Crapo, Lynch, and Mr. John Walsh.

5. IWPFI Update - July 17-20: Lung Function Workshop
   • Schedule for QIBA session at the workshop was provided – no other updates

Summer Activities:

• July 17-20: Lung Function Workshop
• August 4-8: AAPM meeting
• September 7-11: European Respiratory Society

Next call: QIBA COPD/Asthma Update Call, Wednesday, June 19, 2013, 2 pm CT

• Dr. Hokanson to present his COPDGene slide deck
• Dr Fain to discuss the Profile Claim language re: precision

Future Scheduling: Dr. Judy cannot lead the call on August 14th – a volunteer moderator would be appreciated if call is needed.