

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

Barbara Croft, PhD
Sean Fain, PhD
Bernice Hoppel, PhD

RSNA

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
 - Dose needs to be emphasized more strongly in the Profile
 - 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:
 - Dr. Chen-Mayer: Image data reconstruction
 - 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**