QIBA Lung Density Biomarker Committee
November 19, 2014 at 2 PM CT
Call Summary

In attendance

Philip F. Judy, PhD (Chair)  Sean Fain, PhD  Songtao Liu, MD
Heather Chen-Mayer, PhD  Matthew Fuld, PhD  Nancy Obuchowski, PhD
Dominic Crotty, PhD  Bernice Hoppel, PhD  Karen Procknow, RT (R)

RSNA
Julie Lisiecki

Agenda 11/19/2014: Lung Density Biomarker Committee
1. Agenda QIBA Lung Density Biomarker Breakout
   Wednesday, December 3rd
   2:30pm – 5:00pm
   Room: E272B

2. Vendor COPDGene Phantom 2 Scanning Status

3. Report from COPDGene Investigators Meeting
   Phil Judy Presentation
   Likely to propose a reduced radiation exposure protocol for third exam

4. Acquisition and reconstruction specifications – Review to identify issues

Next call: Wednesday, December 17, 2014 at 2 pm CT

Discussion:

• All were encouraged to volunteer for QIBA Poster Meet-the-Expert (MTE) Sessions at RSNA 2014
• Proposed vendor acquisition protocol, and plans for round robin scanning to be discussed at RSNA 2014

• Profile claim finalization will require resolution regarding the following issues:
  o Specifying vendor metrics vs. specifying ideal parameters to achieve the claims (to be discussed on 12/3)
    ▪ Creation of specifications that will work in tandem with the claim while meeting statistical parameters
  o Possibility of implementing clinical trials
    ▪ Challenges include: cost, time investment, and difficulty
  o Additional development of anthropomorphic tools

Next call: 12/17/2014 at 2:00 PM (CT)