

QIBA Lung Density Biomarker Committee

November 19, 2014 at 2 PM CT
Call Summary

In attendance

Philip F. Judy, PhD (Chair)

Heather Chen-Mayer, PhD

Dominic Crotty, PhD

Sean Fain, PhD

Matthew Fuld, PhD

Bernice Hoppel, PhD

Songtao Liu, MD

Nancy Obuchowski, 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:
 - 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
 - Possibility of implementing clinical trials
 - Challenges include: cost, time investment, and difficulty
 - Additional development of anthropomorphic tools

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