

QIBA Lung Density Biomarker Committee

January 28, 2015 at 2 PM CT

Call Summary

In attendance

Philip F. Judy, PhD (Chair)

Sean Fain, PhD (Moderator)

Andrew Buckler, MS

Heather Chen-Mayer, PhD

Harvey Coxson, PhD

Matthew Fuld, PhD

Bernice Hoppel, PhD

Greg Kinney, MPH, PhD

Songtao Liu, MD

David Lynch, MB

Nancy Obuchowski, PhD

Karen Procknow, RT (R)

Jered Sieren

Daniel Sullivan, MD

RSNA

Joe Koudelik

Julie Lisiecki

Agenda 1/28 /2015: Lung Density Biomarker Committee

A. Claims Document

1. Review of approach (study selection, two time points, volume adjustment)
2. Meta-analysis methodology (choice of nominal claims)
3. Discussion of RC vs. LOA and heterogeneity of studies included
4. Comment reporting form

B. Update on vendor scans

C. AEC Project: Choice of phantom (propose an anthropomorphic CIRS ATOM Dosimetry phantom)

Discussion:

Profile and Claim Refinements

- Dr. Fain reviewed Table 1 for the claim-related parameters
- It was determined that the claim must be evaluated within the context of the Profile; a draft Profile will be circulated soon
- Dr. Chen-Mayer is recording comments received regarding the claim wording on a spreadsheet for tracking purposes and incorporation into the Profile

Vendor Scans Update

- Round robin scanning to test vendor acquisition protocols is under way
 - Dr. Dharaiya has a phantom presently
 - Dr. Hoppel has written the "patient positioning" section of the Profile
 - Scanning effort anticipated to be done by the end of March
- Dr. Fain is working on the AEC project using CIRS and COPDGene phantoms and is coordinating efforts with the University of Iowa Group
- The University of Iowa Group is working with the Phantom Laboratory to design a new phantom with Kyoto features

Next call: 2/11/2015 at 2:00 PM (CT)