

QIBA COPD/Asthma Technical Committee

January 8, 2014 at 2 PM CT

Call Summary

In attendance

Philip F. Judy, PhD (Chair)

Andrew Buckler, MS

Heather Chen-Mayer, PhD

Harvey O. Coxson, PhD

Bernice Hoppel, PhD

Greg Kinney, MPH, PhD

Ernest M. Scalzetti, MD

Claudio F. Silva, MD. MSc

Girish Srinivasan, PhD

Daniel C. Sullivan, MD

RSNA

Joe Koudelik

Madeleine McCoy

Agenda - 1/08/2014:

Lung Density Profile Issues

1. Proposed "restatement" of our goal: to develop acquisition, reconstruction, and analysis protocol for consistent evaluation of lung parenchyma density. Claim would be consistency statement. Background would review precision literature.
2. Section 9.3. Required Characteristics of Resulting Data
3. Compliance Section – Need to be more specific regarding measurement of pixel standard deviation, resolution, and slice thickness.

Plan for completion of Lung Densitometry Profile

Call Schedule for early 2014:

- 1/29/2014
- 2/12/2014
- 2/26/2014
- 3/12/2014
- [3/15/2014 -QIBA/STR Lung QCT Conference \(San Antonio meeting\)](#) - (Click to register.) – The one day program is free for QIBA participants.
- 3/26/2014

General Discussion:

- Profile draft to be completed by the STR conference (March 16-19, San Antonio)
- Profile to be Wiki posted as reference material
- Profile Claim language discussed regarding data bias, linearity and reproducibility
- Claim focus on patients vs. phantoms discussed
- Dr Judy welcomes feedback regarding Claim language
- Goal of Profile is to obtain the same image/ data output from different scanner models
- The relationship between data characteristics and image quality need to be understood
- Small Profile "writing groups" have been used by other Tech Cttes focusing on specific Profile sections; volunteers requested
 - Dr Kinney's insight welcome regarding "image reconstruction"
 - Drs Chen-Mayer and Hoppel suggested for "current imaging procedures"

Next call date: QIBA COPD/Asthma Tech Committee Update Call, [Wednesday, January 29, 2014, 2 pm CT](#)