QIBA Lung Density Technical Committee
September 24, 2014 at 2 PM CT
Call Summary

**In attendance**

**Philip F. Judy, PhD (Chair)**
- Andrew Buckler, MS
- Heather Chen-Mayer, PhD
- Sean Fain, PhD
- Matthew Fulld, PhD
- Bernice Hoppel, PhD

**RSNA**
- Songtao Liu, MD
- John D. Newell, Jr., MD
- Nancy Obuchowski, PhD
- Jered Sieren
- Amit Vasanji, PhD

**Call Summary**

**In attendance**

- Philip F. Judy, PhD (Chair)
- Andrew Buckler, MS
- John D. Newell, Jr., MD
- Matthew Fuld, PhD
- Bernice Hoppel, PhD

**RSNA**

- Songtao Liu, MD
- Nancy Obuchowski, PhD
- Jered Sieren
- Amit Vasanji, PhD

Agenda 9/24/2014: Lung Density Technical Committee

1. RSNA Meeting Poster plans
2. Finalize Precision Claim for Perc1S and Volume Correction
   - Incorporate into draft profile
   - Bias?
   - Fraction less than -950 HU?
3. Status of AEC and IR Project
4. Acquisition and reconstruction specifications
   - Report from Vendor Working Group
   - CT Number bias requirement given claims
5. Plan to analysis sections of Profile

Discussion:

- Dr. Fain agreed to coordinate a poster for RSNA 2014 that focuses on Profile development for both airway and lung density measurements, with input from the group
  - Research from Drs. Chen-Mayer, Fain, Obuchowski, and Rodriguez to be included
  - A background panel (text) re airways, the clinical beginnings of COPD, emphysema, etc. to be included
  - Poster topics to contain: Metrology analysis, Claim language, approached to CT volume correction and airway measurement
  - Previous posters are available for reference on the QIBA wiki
  - Print-ready PPT posters are due to RSNA by October 31st if RSNA is to print the poster

- Continued group discussion regarding proposed revisions to claim language based on the investigation of volume correction issues by Drs. Chen-Mayer and Fain and applicability to clinical usefulness
  - Work ongoing to distill statistically meaningful mean and confidence intervals

- Drs. Fuld and Hoppel are working in parallel with vendor partners to determine what bearing these measurements might have for scanner acquisition protocols

Action items:

- Dr. Fain to head up the poster effort for the technical committee; draft due to RSNA by October 31st

Next call: 10/08/2014 at 2:00 PM (CT)

QIBA Technical Committees - Working Meeting at RSNA 2014

- Wednesday, December 3rd | 2:30pm – 5:00pm | Chicago, McCormick Place | Room: E272B
- Please let us know whether you plan to attend by responding to the following poll: http://doodle.com/mk7qecxint6vbwf5.

QIBA Poster Meet-the-Expert (MTE) Sessions at RSNA 2014

- Location: McCormick Place, Chicago - Learning Center (Hall D) – QIBA Kiosk
- Please provide your availability to volunteer for the QIBA Poster Meet-the-Expert (MTE) sessions.
- Doodle Poll URL: Lung Density Technical Committee: http://doodle.com/ay5aqkemq2f8wkt8