

## QIBA COPD/Asthma Technical Committee (TC)

July 3, 2013 at 2 PM CT

Call Summary

### In attendance

Philip F. Judy, PhD (Chair)

Sean Fain, PhD

Michael Flynn, PhD

Matthew Fuld, PhD

David Gierada, MD

Bernice Hoppel, PhD

Baojun Li, PhD

Daniel C. Sullivan, MD

### RSNA

Joe Koudelik

Julie Lisiecki

### COPD/Asthma Technical Committee Agenda, 7/3/2013

1. Profile draft discussion PFJ 7/1/2013
  - a. I. Executive Summary
  - b. III. Profile Details 3
    - i. 1. Subject Handling 4-7
    - ii. 2. Image Data Acquisition 8
    - iii. 3. Image Data Reconstruction 9-10
    - iv. 4. Image Analysis 10-11
2. NIBIB Contract Project
  - a. Plans – email from Dr. Sullivan attached

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### Discussion topics:

#### Profile Progress

- Dr. Judy presented the first draft of the Profile for Computed Tomography: Lung Densitometry for review
- Breathing instructions were discussed, emphasizing that the subject's breathing rate be observed carefully
- Will attempt to harmonize the acquisition specifications with the lung cancer screening profile acquisition specifications. Was noted that an acquisition suitable for small nodule volume measurements might also be useful for airway size measurements.
- Suggestion to include minimum pitch but not maximum, to extend Profile use for multiple scanners
- Radiation dose and its relation to lung cancer screening under consideration for change "to potential"
- Dr. Judy welcomes feedback regarding the Executive Summary and Clinical Context sections

#### Action items:

- Dr. Judy to follow up with QIBA COPD/Asthma project investigators regarding QIBA RFP document – **deadline for document return to RSNA is Friday, July 12<sup>th</sup>**
- Dr. Judy to incorporate suggestions from the call discussion and distribute edited draft of Profile prior to July 10<sup>th</sup> call

#### IWPF Update - July 17-20: Lung Function Workshop

- Informal QIBA meeting at the workshop was mentioned; Dr. Fain to investigate the feasibility of having such a meeting on the morning of Friday, July 19<sup>th</sup> – to follow up with Dr. Judy offline

#### Summer Meetings:

July 17-20: Lung Function Workshop | September 7-11: European Respiratory Society | August 4-8: AAPM meeting

#### Next calls:

- QIBA COPD/Asthma Update Call, **Wednesday, July 10, 2013, 2 pm CT**
- QIBA COPD/Asthma Update Call, **Wednesday, July 31, 2013, 2 pm CT**

**Future Scheduling:** Dr. Judy cannot lead the call on August 14<sup>th</sup> – a volunteer moderator will be required if a call is to be held.