

## QIBA COPD/Asthma Technical Committee Update

September 7, 2011 at 2 PM CDT

### Call Summary

#### In attendance

John Newell, Jr, MD (Co-chair)

Andrew Buckler, MS

Paul L. Carson, PhD

David A. Lynch, MB

Frank Ranallo, PhD

Jered Sieren

Daniel C. Sullivan, MD

#### RSNA

Joe Koudelik

Julie Lisiecki

#### Agenda:

- I. Review University of Iowa version of the Profile - Mr. Jered Sieren
- II. Discuss what else needs to be done to finish the most recent profile
- III. Discuss how to write the protocols that are derived from the profile
- IV. Discuss RSNA QIBA COPD/Asthma TC poster\*
- V. Discuss STR-QIBA meeting - Dr. David Lynch

#### Discussion of Profile Issues:

- Mr. Sieren discussed the feedback and edits incorporated to the University of Iowa profile
  - Discussion of breathing instructions and clinical application
  - Debate on Scan FOV vs. focal spot size
  - Use of 64 slice scanner recommended, but consideration needs to be given to 16 slice scanners due to prevalence in the community
  - Dr. Judy to provide additional information on phantoms, etc.
  - Dr. Crapo to provide additional information on reproducibility and accuracy of measurement
- Profile claims not based in data yet
  - Group moving forward to provide the necessary documentation through studies or additional groundwork
  - Drs. Newell and Judy to review and select various studies in support of the claims to help finalize the Profile
  - Agreed to use U.S. method for standard measurement in the Profile
- More information is needed regarding the precision of single point measurements to demonstrate change/ statistical performance/ correlation
- Goal to get the Profile out as soon as possible for public use; need to capture the most important elements at this point in time rather than delay distribution

#### Next steps:

- Drs. Newell and Lynch to collaborate on finalizing the claims to move the Profile toward the public comment phase
- Call for additional comments regarding the Univ of Iowa Profile to be sent to Mr. Sieren: [jered-sieren@uiowa.edu](mailto:jered-sieren@uiowa.edu).
- Mr. Buckler to follow up with Dr. Lynch regarding sample templates from other groups for wording of claims
- Dr. Judy to respond still with additional information on phantoms, etc. for the Profile
- Dr. Crapo to provide additional information on reproducibility and accuracy of measurement for the Profile

#### Next calls:

- Next COPD/Asthma LDCRS WG update call: **Wednesday, September 14, 2011 at 2 PM CDT**
- Next COPD/Asthma TC update call: **Wednesday, September 21, 2011 at 2 PM CDT**

\*For reference, the 2010 posters are available on the QIBA WIKI:

[http://qibawiki.rsna.org/index.php?title=QIBA and UPICT posters from RSNA 2010 Annual Meeting](http://qibawiki.rsna.org/index.php?title=QIBA_and_UPICT_posters_from_RSNA_2010_Annual_Meeting)