

QIBA COPD/Asthma Technical Committee Update
August 10, 2011 at 2 PM CDT

Call Summary

In attendance

Philip F. Judy, PhD (Co-chair)
Andrew Buckler, MS
Sean B. Fain, PhD
Joshua Levy
David A. Lynch, MB
Daniel C. Sullivan, MD

RSNA

Joe Koudelik
Julie Lisiecki

Agenda:

- I. Discussion of Profile updates
- II. Discussion of reference and quality control standard
- III. Discussion of poster on group projects at the RSNA 2011 Annual Meeting (at the QIBA Kiosk).

Notes:

- Dr. Judy discussed his interpretations of lung density claims, with reference to abstracted terms from - "International vocabulary of metrology: Basic and general concepts and associated terms (VIM)" – http://www.bipm.org/utis/common/documents/jcgm/JCGM_200_2008.pdf.
- Discussion of terms: *measurement precision, reproducibility vs. repeatability, bias, variability, and accuracy*
- Dr. Judy uses perception studies (inclusion of bias and sensitivity) in his work; emphasis on measurement and consistent procedure
- Discussion of terms and standardization of language across QIBA teams is important for long-term project compatibility and groundwork claims
- Mathematical notations (equations) suggested to be associated with term definitions

Next steps:

- RSNA Staff to add Mr. Dima and Dr. Filliben to the roster for the next QIBA COPD/Asthma LDCRS WG call.
- Group to consider relationship between lung density and claim development and issues related to standard deviation
- NIST speakers (Drs. Chen-Mayer and Levine) will be presenting their recommended procedures on the 8/17 Lung Density and Reference and Consistency Standards Working Group call.

Next calls:

- COPD/Asthma TC update call: *Wednesday, August 24, 2011 at 2 PM CDT*
- COPD/Asthma Strategic Plan Working Group update call: *Thursday, August 25, 2011 at 2 PM CDT*
- COPD/Asthma LDCRS WG update call: *Wednesday, August 31, 2011 at 2 PM CDT*