

QIBA COPD/Asthma Technical Committee

January 23, 2013 at 2 PM CT

Call Summary

In attendance

Philip F. Judy, PhD (Chair)

Paul Carson, PhD

Heather Chen-Mayer, PhD

Barbara Croft, PhD

Zachary Levine, PhD

Joshua Levy

Mark Schiebler, MD

Michael Schmidt, MSc

Jenifer Siegelman, MD, MPH

Daniel Sullivan, MD

RSNA

Joe Koudelik

Julie Lisiecki

New member

- Dr. Judy welcomed Mr. Michael Schmidt, Fraunhofer MEVIS, who is interested in airway quantification.

COPD Biomarker Qualification Meeting (February 5-6, 2013, Bethesda, MD)

- Dr. Judy to provide RSNA staff with details for Doodle poll request regarding a possible breakfast meeting for QIBA COPD/Asthma members.
- Drs. Sullivan and Levine have indicated that they will attend.

Update on the IWPFI Conference and plans for the QIBA program on July 20th, 2013

- Dr. Schiebler indicated that 90% of speakers are confirmed for the conference at UW, Madison
- Currently, the QIBA segment of the program will be held, Saturday, July 20th from 7 am – 12 noon CT
- There is a possibility to expand the program into the afternoon, possibly until 3 pm CT, with the addition of COPD/Asthma quantitative presentations
- Strong participation is expected for this non-CME offered session
- Dr. Schiebler and colleagues are in the process of soliciting corporate support for the workshop

Proposed RSNA Image Database

- RSNA is testing an image database for QIBA data, based on the MIDAS software platform (Kitware) currently under development, with no long-term commitment
- Ultimate goal for this database is still under consideration with unresolved factors such as:
 - Cost
 - Personnel required
 - Maintenance and sustainability
- Dr. Judy has proposed including COPDGene phantom images, particularly with regard to airways and tubes, as a test case.

General Discussion and Future Planning

- Profile Claims are under consideration
 - March 2013 or July 2013 were suggested as timelines for a draft version of the Profile
 - A scanning protocol must be written prior to the Profile
- Dr. Judy has proposed a harmonized Profile in conjunction with the QIBA Lung Nodule Assessment Group
 - To consider airway/ dose tradeoff pending committee interest
 - To investigate whether screening dose levels would be useful for airway measurements
- A Profile on airways with iterative dose reduction reconstruction strategies is still under consideration
- Suggestions for the committee's three-year plan were also discussed

Action items:

- Dr. Lynch planning to send invitations for the QCT workshop at IWPFI, [July 20, 2013](#), at UW-Madison soon.
- Dr Carson and Judy to revisit the committee's three-year plan goals

Next call: QIBA COPD/Asthma Update Call, [Wednesday, 2 pm CT, February 13, 2013](#)