

## QIBA COPD/Asthma Technical Committee

January 9, 2013 at 2 PM CT

Call Summary

### In attendance

Philip F. Judy, PhD (Chair)

Paul Carson, PhD

Heather Chen-Mayer, PhD

Harvey Coxson, PhD

Barbara Croft, PhD

Sean Fain, PhD

Bernice Hoppel, PhD

Zachary Levine, PhD

Joshua Levy

David Lynch, MB

Mark Schiebler, MD

Eva van Rikxoort, PhD

### RSNA

Julie Lisiecki

### Agenda:

1. CBQC/Alpha-1 Foundation Workshop
2. CT Emphysema Precision Meta-Analysis
3. CT Exam/Analysis Specifications – Start with Volumetric CT Profile
  - a. Deletions
  - b. Additions

**Committee Members:** Our precision meta-analysis, besides determining our claims, will identify the important protocol parameters and their values that need to be specified in the Profile. I recommend that we harmonize our Profile with the Lung Nodule Assessment in CT Screening Profile. That working group is starting Lung Volume protocol. I have attached the just specifications of that protocol document. Note that the specifications are rather generic and can be used as prototype specifications for our Profiles. If we have time Wednesday, I recommend that we discuss modification parameter values, addition of parameter, and addition of parameters. PJ

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### Discussion:

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

- All are welcome to attend this meeting, which will also be available via an interactive Webcast.
- Academics may register free of charge.

#### Evaluation of Precision articles; Review of Excel Spreadsheet

- Output of the collective article review should result in justification of Profile Claims Dr. Judy gave on overview approach to reviewing the precision articles and selecting data for the Excel spreadsheet
- The data from individual spreadsheets sent to group members will be added to a larger, relational database of the group's findings from this literature review
- Goal: Define repeatability and reproducibility for CT lung density – e.g., mean CT measures for Profile claim
  - A number associated with the precision measurement for the emphysema index is desired

### Action items:

- Volunteers (*Drs. Chen-Mayer, Levine, Lynch, and Siegelman*) to continue literature search by reading at least two articles and filling in the Excel spreadsheet with extracted precision attributes.
- Please send your completed spreadsheets to Dr. Judy prior to the January 23<sup>rd</sup> call so everyone's data can be incorporated. Thank you. ([philipfjudy@philipfjudy.com](mailto:philipfjudy@philipfjudy.com)).
- Dr. Judy to finalize QIBA program for IWPF, [July 20, 2013](#), and submit funding proposal with agenda to QIBA Steering Cttee.
- Dr. Lynch planning to send invitations for the QCT workshop (July 20, 2013) at UW-Madison soon.

**Next call:** QIBA COPD/Asthma Update Call, [Wednesday, 2 pm CT, January 23, 2013](#)