

QIBA Lung Density Biomarker Committee (BC) Call

October 25, 2017 at 2 PM CT

Call Summary

In attendance

Sean Fain, PhD (Co-Chair)

Heather Chen-Mayer, PhD

Charles Hatt, PhD

Philipp Hoelzer, PhD

Bernice Hoppel, PhD

Stephen Humphries, PhD

Philip Judy, PhD

Nancy Obuchowski, PhD

Jered Sieren, BSRT (R) MR CT

RSNA

Joe Koudelik

Julie Lisiecki

RSNA 2017 Poster Review:

- The poster draft is nearly complete and ready for review
- Dr. Humphries to confer with Dr. Lynch regarding updating the plots in figure 2
- Dr. Fain to try to reduce the size/resolution of images or graphs to minimize the poster file size
- RSNA staff to distribute a final version to BC members for review with comments by Friday, October 27th

Upcoming WebEx calls:

- Due to travel anticipated for the *COPDGene Investigator's Meeting* and close proximity to the Thanksgiving holiday, there will be no calls for the BC in November
- The next meeting for the group will be at the face-to-face breakout session on November 29th for those attending RSNA 2017

RSNA 2017 breakout meeting plans

- The following items will be discussed at the face-to-face breakout session:
 1. Next steps regarding the supplementary grant proposal
 2. Data from Dr. Humphries' Round-6 groundwork study
 3. The Profile

Comparative Algorithm Study update:

- 13 participants signed up for the comparative study: 7 academic and 6 commercial
- Dr. Hatt has completed a QA beta test of the data and everything is working properly
- Mr. Sieren intends to conduct a second QA beta test to test a different tool
- Detailed instructions to participate, including data download and results reporting, have been prepared and are awaiting co-chair review and approval
- Anticipated timeline for study completion is 2 months after instructions are distributed; a deadline of January 15, 2018 has been proposed

SRM Calibration Phantom and Procedure Update:

- The inclusion of the Standard Reference Material (SRM) phantom detail is outside the scope of the current Profile
- Measurements from the SRM Calibration Procedure may be included with a new cross-sectional claim for a future iteration of the Profile based on a comparison of HU and density
- Manufacturers continue their work on conformance statements
- Toshiba and GE scanners will be represented
- Data is still needed for Philips and Siemens scanners

Profile:

- Dr. Fain is incorporating final suggestions and making minor edits
- Profile to be circulated among the BC by the end of the week
- Once internal BC review is complete, an [e-ballot](#) at the BC and CC levels will be needed to release the Profile for public comment per the [Profile Process](#) outlined by the Process Committee

Next meeting: will take place at RSNA 2017 due to travel / other obligations for the co-chairs in the next few weeks

SAVE-THE-DATE: QIBA Working Meeting at RSNA 2017 | Wednesday, November 29, 2:30-6 pm – Lakeside Center

