

## QIBA Lung Density Biomarker Committee (BC)

October 21, 2015 at 2 PM CT

Draft Call Summary

### In attendance

Sean Fain, PhD (Co-Chair)

Andrew Buckler, MS

Heather Chen-Mayer, PhD

Charles Hatt, PhD

Edward Jackson, PhD

Philip Judy, PhD

Hideki Ota, MD, PhD

Daniel Sullivan, MD

### RSNA

Joe Koudelik

Julie Lisiecki

### Lung Density BC Poster for RSNA 2015

- Dr. Fain acknowledged Alfonso Rodriguez, a graduate student in his group, to thank him for his role in preparing the first draft of the committee's poster
- Dr. Fain is coordinating production of the poster, and welcomes feedback: [sfain@wisc.edu](mailto:sfain@wisc.edu)
- The group intends to have the poster delivered to RSNA Staff by the October 30<sup>th</sup> deadline for printing
- Vendor engagement needs to be highlighted
- Dr. Chen-Mayer intends to send a few more slides to Dr. Rodriguez, regarding the NIST foams
- BC members were asked to volunteer for the Meet-the-Expert Poster Sessions at RSNA 2015
  - Volunteers for the Lung Density BC poster can sign up [here](#)

### Phantom Scanning, Round II:

- Continue to reconcile how to use vendor phantom scans to inform Profile specifics
- Discussion about harmonization steps to continue as data acquisition and analysis are in progress
- Feedback requested from the vendor members of the committee on the November 4<sup>th</sup> call if possible, or at RSNA if attending the breakout session for the QIBA Working Meeting on Wednesday, December 2<sup>nd</sup>.
- Drs. Fain and Hoppel have arranged for Marshfield Clinic (WI) to provide access to a Toshiba system the week of November 9<sup>th</sup> to refine AEC conversions using the Alderson 2 phantom with NIST calibrated foams.
  - Mr. Jered Sieren and Dr. Chen-Mayer will participate, if their schedules allow.

### Action items:

- Drs. Fuld and Lynch to lead the discussion on Nov. 4<sup>th</sup> (if available) working towards finalizing harmonization steps at the RSNA breakout meeting.
- Outstanding issues with harmonization need to be identified to incorporate the algorithm using the NIST foam standards into the Profile, and to identify the reference standard to be met.
- Dr. Lynch to provide parameters to Dr. Chen-Mayer to aid with baseline scan corrections for integration to the clinical standard under development (as discussed on the 10/7 teleconference)

**Next call:** Wednesday, November 4, 2015 at 2 pm CT