

QIBA Lung Density Biomarker Committee (BC) Call

August 22, 2018 at 2 PM CT

Call Summary

In attendance

Sean Fain, PhD (Co-Chair)

Charles Hatt, PhD

Philipp Hoelzer, PhD

Philip Judy, PhD

Nancy Obuchowski, PhD

RSNA

Joe Koudelik

Julie Lisiecki

Comparative Study Update:

- A request from Drs. Fain and Lynch was sent to study participants on Monday, August 20th to reanalyze the data and include the QA step to evaluate the reproducibility coefficient
- The goal is to see if variability can be improved with a careful assessment of lung segmentation without calibration
- A 30-day window was requested to recomplete this testing by vendors (**deadline is September 17th**), after which the analysis, including a more robust and uniform measurement, will be incorporated into the Profile
- It was requested that RSNA Staff remind participants *weekly* to encourage all vendors to participate

Profile update:

- Data regarding the software comparison and repeatability of the analysis tool is needed to complete the Profile
- End-of-September is the goal for Profile release for public comment
- Feedback is encouraged regarding additional societies or contacts for the upcoming public comment review phase

CBQC Update:

- The COPD Biomarker Qualification Consortium (CBQC) intends to pursue biomarker qualification with the FDA for emphysema using the QIBA Profile, focusing on lung attenuation area (LAA) and Perc 15
- Dr. Lynch is working on a letter of intent (LOI) for the CBQC meeting to be held during the [European Respiratory Society \(ERS\) meeting](#), September 15th, and will distribute a draft document to BC members for review soon
- If any QIBA members are interested in attending this ERS meeting and did not receive an invite, please contact Debbie Merrill: dmerrill@COPDFoundation.org.

Next steps:

- Definition of the repeatability coefficient from the software analysis results
- Integration of challenge results into the Profile

Next meeting: [Wednesday, September 26, 2018 at 2 pm CT](#) (*Calls will now be scheduled monthly, for the 4th Wednesday*)