

QIBA Lung Density Biomarker Committee (BC) Call

March 28, 2018 at 2 PM CT

Call Summary

In attendance

Sean Fain, PhD (Co-Chair)

David Lynch, MD (Co-Chair)

Philipp Hoelzer, PhD

Stephen Humphries, PhD

Philip Judy, PhD

Miranda Kirby, PhD

Adam LaPrad, PhD

Nancy Obuchowski, PhD

Jered Sieren

RSNA

Joe Koudelik

Julie Lisiecki

New Member: Dr. LaPrad

- Dr. LaPrad introduced himself to the group
- He is with *PneumRx*, a medical device company that uses quantitative CT for emphysema patient treatment planning strategies

Profile Update:

- Dr. Fain is working offline on the Profile to incorporate internal BC comments received
- Dr. Obuchowski provided positive feedback and suggested that items be organized by actors for ease of use
- Other suggestions included the following:
 - Bias did not factor into the claim, but it would be OK to add some expectations
 - A precision assessment procedure is needed based on patient data (not currently available): Challenge results need to be added
 - Requiring actors to make two measurements per subject to obtain subject variability would be helpful
- The Challenge reference dataset will remain available on the QIDW for additional vendors using the Profile to run tests
 - Some re-identification may be necessary; this is a future possibility for consideration
 - The measurements are fully automated
- Dr. Lynch will be giving a presentation during a meeting of the COPD Biomarker Qualification Consortium (CBQC) at the ATS 2018 Conference to raise awareness of the Profile and hopes that others attending the meeting will be able to join him at the CBQC session on Friday, May 18th in the evening
- Please let Dr. Lynch know if you will be in attendance: LynchD@NJHealth.org
- Mr. Sieren suggested that the group strategize how to better align with ACR (the organization that currently sets the standard for lung cancer screening), as existing ACR guidelines do not mesh well with quantitative CT
 - To encourage adoption, he recommended that such a standard would need to be very easy to use
 - Also, there would need to be a concerted unified effort amongst stakeholders to create support

Next meeting: [Wednesday, April 25, 2018 at 2 pm CT](#) (Calls will now be scheduled monthly, for the 4th Wednesday)