

QIBA Lung Density Biomarker Committee (BC)

Wednesday, October 27, 2021, 2 PM CT

Call Summary

In attendance

Charles Hatt, PhD (Co-Chair)

Miranda Kirby, PhD (Co-Chair)

Gonzalo Vegas-Sánchez-Ferrero, PhD, MSc (Co-Chair)

Ehsan Abadi, PhD

Samuel Yoffe Ash, MD

Rachel Eddy, PhD

Raúl San José Estépar, PhD

Philip Judy, PhD

Hatem Mehrez, PhD

Amin Motahari, PhD

Nancy Obuchowski, PhD

Josh Schirm, BSE

RSNA

Julie Lisiecki

Moderator: Dr. Hatt

The following topics were discussed:

- Introduction of Dr. Gonzalo Vegas-Sánchez-Ferrero as the third co-chair of the BC
- Poll results regarding prioritization of the two Profile proposals:
 - Total of 16 votes received
 - 9 in favor of starting with the gas-trapping Profile (will start with this first)
 - 7 in favor of starting with the airways Profile (will work on in parallel)
- Groundwork studies for software comparison and image analysis
- Streamlining of the [conformance checklist](#)
- Possible experiments with the Hoffman phantom

Action items:

- All are asked to review the [conformance checklist](#) and provide feedback to **Drs. Hatt, Kirby, and Vegas Sánchez-Ferrero**: charleshatt@imbio.com; miranda.kirby@ryerson.ca; gvegas@bwh.harvard.edu
 - If items are not directly impacting the claim, they should be removed
 - Requirements should be aligned with one actor to simplify checklists
- Dr. Vegas-Sánchez-Ferrero is drafting a proposal for funding to leverage phantom data from COPDGene

Next meetings: 11/24, 12/22 (tentative)-?

References: [Profile Stages page](#) | [Technical Confirmation Process](#)

- [Notes](#) posted to the [Lung Density BC QIBA wiki page](#) can be referenced for detailed descriptions of biomarkers