

QIBA CT Volumetry Biomarker Committee (BC)

15 March 2022 at 11 AM (CT)

Call Summary

In attendance

Rudresh Jarecha, MBBS, DNB, DMRE (Co-Chair)
Heang-Ping Chan, PhD
Lubomir Hadjiyski, PhD
Claudia Kirsch, MD
Jayant Narang, MD

Peter Ngum, MSc
Nancy Obuchowski, PhD
Jim O'Doherty, PhD, MSc
Kevin O'Donnell, MASC

Nicholas Petrick, PhD
Anthony P. Reeves, PhD
Ying Tang, PhD
Hiro Yoshida, PhD

RSNA

Julie Lisiecki

Moderator: Dr. Jarecha

Discussion Topics:

- Profile e-ballot
- Brainstorming ideas for Profile Stage 4
- CT Volumetry Profile application for other organs besides lung
- Model similar to the NIMBLE study for claim confirmation

Decisions/Action items:

- Streamlined Profile ready for ballot (at Stage 3, revised Profile)
- Revised Profile and Checklist to go to ballot for BC review
 - No vote needed at CC level as this is a Profile improvement (no change of stage)
- Mr. O'Donnell to post the streamlined Profile version on the BC wiki page
- Mr. O'Donnell to create a shared Google doc for brainstorming ideas for the next stage
- BC to consider issues related to test-retest data and how to move the Profile to the next stage
- More discussion needed re: liver and lymph applications for possible stage 4 testing
- RSNA staff to provide US CC leaders contact info and Drs. Ozturk and Samir re: NIMBLE study to Dr. Jarecha

Ongoing action items (not certain if complete):

- Mr. O'Donnell to add AAPM open-source software links to the Profile or for use on the wiki and to link a Google document that lists acceptable phantoms for the Profile for reference
- Mr. O'Donnell to consult Dr. Obuchowski if a revised coefficient of variation is needed

Next Calls: to be determined via doodle poll (approximately one month from now)