

QIBA CT Volumetry Biomarker Committee (BC)

15 February 2022 at 10 AM (CT)

Call Summary

In attendance

Rudresh Jarecha, MBBS, DNB, DMRE (Co-Chair)

Maria Athelougou, PhD

Hubert Beaumont, PhD

Vadivel Devaraju, PhD

Timothy J. Hall, PhD

Ella A. Kazerooni, MD

Claudia Kirsch, MD

James Mulshine, MD

Jayant Narang, MD

Jim O'Doherty, PhD, MSc

Kevin O'Donnell, MASc

Nicholas Petrick, PhD

Ying Tang, PhD

Binsheng Zhao, DSc

RSNA

Julie Lisiecki

Moderator: Dr. Jarecha

Discussion Topics:

- Profile Streamlining
- Vetting criteria for items that can be removed
- Restructuring activity descriptions
- BC members' input regarding technical requirements
- Review of wording regarding phantoms related to patient measurements
- "Actor" and "Profile" terminology
- Innovation and disclaimers

Decisions/Action items:

- All essential information has been moved to the front of the Profile, focusing on conformance, essential requirements, and the checklist, with a compressed introduction
- Additional discussion and supporting material have been moved to the Appendix
- 15 pages have been removed from the original Profile, making it 1/3 shorter and easier to read
- Mr. O'Donnell to obtain input from Dr. Obuchowski to determine if a revised coefficient of variation is needed
- Mr. O'Donnell to post the updated Profile version on the BC wiki page
- 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
- Task Force to consider issues related to test-retest data and how to move the Profile to the next stage
- Dr. Beaumont and his colleagues are working with test-retest data and collaborating with the CT Vol BC
- More discussion needed re: liver and lymph applications
- Drs. Athelougou, Narang, and Mr. Buckler added to Task Force
- Revised Profile and Checklist will go to ballot for BC review once ready

Next Calls: Task Force call needed in 2-3 weeks - to be determined via doodle poll