

QIBA CT Volumetry Biomarker Committee (BC)

Profile Writing Task Force

26 July 2021 at 1 PM (CT)

Call Summary

In attendance

Ritu Gill, MD, MPH (Co-Chair)

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

Heang-Ping Chan, PhD

Lubomir Hadjiyski, PhD

Timothy J. Hall, PhD

Annelise Malkus, PhD

Nancy Obuchowski, PhD

Kevin O'Donnell, MAsc

Juan Carlos Ramirez-Giraldo, PhD

Hiro Yoshida, PhD

Binsheng Zhao, DSc

RSNA

Joe Koudelik

Julie Lisiecki

Moderator: Dr. Jarecha

New co-chair announced:

- Dr. Jarecha welcomed Dr. Ritu Gill, MD, MPH, as the new co-chair for the biomarker committee

Streamlining of the Profile

- A streamlined Profile will be distributed to BC members for review once updated
- Mr. O'Donnell suggested dropping requirements that are not helping to meet the claim
 - Input will be sought from BC members regarding which requirements could be removed
- Specific feedback will be needed from Drs. Obuchowski and Samei regarding how dropping specific checklist items may affect the Profile claim
- BC members will be asked to rank requirements based on their necessity for conformance to the Profile claims using the survey in development
- The survey will request the significance of impact on volume estimates and the universality of practice
- Reviewers will be asked to take into consideration the rationale provided for adhering to all checklist requirements
- Response columns for "not sure" and responses regarding practicality of the requirement will be added
- Core lab representation would be especially helpful; BC members may be asked to contact colleagues
- Though the checklists are broken out by actor, respondents will be asked to reply to all sections for additional feedback/perspective
- A response section regarding title/role or experience will be required to help sort actor responses
- Data from the survey will help to move the Profile forward
- An automated form for the checklist, e.g., a Google Form was suggested
- Mr. O'Donnell will distribute the streamlined Profile and survey checklist for review and comment prior to the next TF meeting, which will be planned for late August, via another doodle poll
- Following review by the TF, the Profile will be sent to the full biomarker committee for review
- Additional feedback via email is welcome to Mr. O'Donnell: kodonnell@mru.medical.canon
- Mr. O'Donnell noted a CT Vol-SLN Profile harmonization effort was being considered, but deemed too soon to begin discussion
- The next CT Vol BC call TBD

Action items (ongoing):

- Mr. O'Donnell to develop a survey for Profile streamlining efforts
- Mr. O'Donnell to provide simplified Profile to BC members for review and comment
- 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
- Obtain input from Dr. Obuchowski regarding the work of Dr. Samei's group to determine if a revised coefficient of variation is needed

Next Call: To be determined via doodle poll: August {last two weeks}