

## QIBA CT Volumetry Profile Writing Task Force (TF)

24 August 2021 at 2 PM (CT)

### Call Summary

#### In attendance

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

*Ehsan Samei, PhD (Co-Chair)*

Heang-Ping Chan, PhD

Lubomir Hadjiyski, PhD

Timothy J. Hall, PhD

Hyun Grace Kim, PhD

Claudia Kirsch, MD

Annelise Malkus, PhD

James Mulshine, MD

Nancy Obuchowski, PhD

Kevin O'Donnell, MASc

Nicholas Petrick, PhD

Ying Tang, PhD

Hiro Yoshida, PhD

Binsheng Zhao, DSc

#### RSNA

Joe Koudelik

Julie Lisiecki

**Moderator:** Dr. Jarecha

#### Streamlining of the Profile

- Mr. O'Donnell reviewed feedback from the survey checklist and TF members discussed whether certain items could be dropped as requirements or moved to an "assumptions" section
  - Any items that were deemed "good practices" will be moved to an "assumptions" section (more neutral terminology); these were assumed common practice and non-issues
  - Goal is to help sites take necessary steps to achieve predictable and reasonable level of performance for the biomarker
  - Any requirements that are not helping to meet the claim are under consideration to be dropped
- TF members are ranking checklist requirements based on their necessity for conformance to the Profile claims
- The three categories for ranking include: (1) impact on the claim (if dropped); (2) prevalence (in real world use); and (3) effort vs cost-benefit
- BCs will be encouraged by the Process Committee to begin this streamlining thought process in the early development stage, keeping in mind the 3 categories above
- Additional feedback via email is welcome to Mr. O'Donnell: [kodonnell@mru.medical.canon](mailto:kodonnell@mru.medical.canon)

#### Action items (ongoing):

- Following TF review, the streamlined Profile and checklist will be sent to the full BC for review
- 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: September {in 2-3 weeks}