

**QIBA SPECT TC<sup>99m</sup> Biomarker Committee (BC) Call**  
**Tuesday, May 12, 2020, 2 PM (CT)**  
*Call Summary*

**In attendance:**

Yuni Dewaraja, PhD (Co-chair)  
Denis Bergeron, PhD

John Dickson, PhD  
Clara Ferreira

P. David Mozley, MD  
Nancy Obuchowski, PhD

**RSNA Staff**

Joe Koudelik  
Julie Lisiecki

**Moderator:** Dr. Mozley

**SPECT TC<sup>99m</sup> Public Comment – Feedback Resolution Update**

- BC members finalized addressing public comment feedback
- The BC might have another call in June, if needed

**Comments Resolved:**

- Line 466 - “NIST-traceable or equivalent” was deemed sufficient for comments regarding NIST references, as they are general enough terms to apply to other measurement bodies where NIST-traceable supplies may not be available
- Line 266 – Text now states, "Same biological properties as the target, including blood flow, or a known method of compensating for differences, such as blood flow."
- Line 621 - provides instructions on how to determine the time per view angle. First one needs to determine the number of events to collect per view (i.e., equation is 2 million counts/number of projection views) and then one can determine the time per view by dividing the number of counts to acquire per view by the count rate of the detector.
- Line 443 – The text states that daily is ideal; quarterly is the minimum standard.
  - The BC decided to change this to not less than semi-annually to check the CT attenuation maps for SPECT CT-alignment for the phantom, within manufacturer specifications
  - The overall system performance is not less than annually
- Dr. Miyaoka made corrections to the text regarding references to clocks
- Line 497 – FWHM is the correct abbreviation for Full-width-half-maximum; typo corrected
- Line 500 – Reference to LEAP collimators was eliminated and text was adjusted accordingly
- Line 523 – the text has been revised to no larger than 5 mm.
- BC members to think more about reconstruction parameters
  - It is not typical for QIBA to dictate how specifications are met
- For section 3.9, table 3.9.2, the reference to laying on a calibrator has now been deleted as suggested

**Final edits:**

- Dr. Mozley to check that text for “4.8” and “LEAP” references have all been corrected, and to confirm no problems with repagination
- Acknowledgement list to include active BC members; Dr. Mozley suggested active as attending 3 of the last 6 BC calls
- Dr. Mozley to provide an updated copy of the Profile for posting to the QIBA wiki
- Changes will be saved and a copy with all changes accepted will be saved to the Dropbox

**Profile Consensus Steps:**

- A vote will be taken at the BC level, followed by a vote at the NM CC level to publish the Profile as “Consensus,” Stage 2 on the QIBA wiki
- Before this can happen, the Profile, a [comment resolution sheet](#) and checklist must be prepared/available to accompany the ballot
- [Profile writing guidelines](#) are available on the wiki – and on the [Process Committee](#) wiki page

**Next BC call** –Tuesday, June 9, 2020 at 2 PM CT ([Tentative](#))