QIBA SPECT TC^{99m} Biomarker Committee (BC) Call
Tuesday, October 9, 2018, 2 PM (CT)
Call Summary

In attendance:			**RSNA Staff**
Robert Miyaoka, PhD (Co-Chair)	Denis Bergeron, PhD	David Mirando	Joe Koudelik
Yuni Dewaraja, PhD (Co-Chair)	John Dickson, PhD	P. David Mozley, MD	Julie Lisiecki

Moderator: Dr. Miyaoka

Poster Updates for the SPECT BCs at RSNA 2018

- The poster has been updated with some new graphics, additional authors, and data to reflect the work of the SPECT I-123 and TC99m biomarker committees
- The poster will remain in the 2018 SPECT Work Products folder on Dropbox for additional committee input; however, if no additional edits are made, this poster is considered print-ready for the October 31st deadline

Profile Work

- Dr. Miyaoka reviewed language in section 3.5.2 for committee discussion regarding camera calibration
- *Language added was as follows*:
  - "Shall assess current SPECT calibration factor after / with each PM (at least annually); if a change in sensitivity is noted during daily flood scans; if there has been a change to the system hardware; or more often if recommended by the system manufacturer."
- On the next call, Dr. Miyaoka would like to review technologist notes in section 3.11.2, and asks that all review the current wording prior to the call

Discussion Regarding Longitudinal Trial Design

- Template based on the PET-Amyloid Profile used to format Section 2.3: Clinical Trial Utilization
- Group tried to identify a similar Tc-99m SPECT application, i.e. business driver or use case
  - It was determined that bone mets may not meet the size criteria and a proper use case does not exist at this time for technetium
  - Not certain if SPECT/CT can be used as a response assessment tool
  - It was decided to defer drafting this section as it is too hypothetical for now
  - It may be revisited if a new clinical use case demands development

Timeline

- The BC had hoped to have a first draft of the Profile out by the end of 3Q2018
- It is the goal of the group to work toward release for public comment by the end of 4Q2018
- The group aims to start work on conformance testing by the 1Q2019 and make significant progress by the QIBA Annual Meeting in June 2019

Work Assignments for section editors / mini-task forces per Dr. Miyaoka:

- claims sans CVs: Moz/Nancy, et al (mozley@gmail.com); target deadline: **end of 1Q2018**
- image acquisition: Yuni Dewaraja, et al (yuni@med.umich.edu); target deadline: **end of 1Q2018**
- image recon: Eric Frey, et al (efrey@jhmi.edu); target deadline: **end of 2Q2018**
- image analysis: Robert Miyaoka, et al (rmiyaoka@uw.edu); target deadline: **end of 2Q2018**
- QA: Denis Bergeron/Brian Zimmerman, et al (denis.bergeron@nist.gov); target deadline: by f2f meeting 2018

Next steps

- All are asked to review technologist notes in section 3.11.2 for discussion on the next call.

Next call – 2nd Tuesday of October (November 13, 2018 at 2 pm CT)
- Dr. Miyaoka will be attending an IEEE meeting and will not be able to moderate.
- Drs. Mozley and Dewaraja will determine who can moderate between them.