

## QIBA SPECT TC<sup>99m</sup> Biomarker Committee (BC) Call

Tuesday, August 14, 2018, 2 PM (CT)

Call Summary

### In attendance:

Robert Miyaoka, PhD (Co-Chair)

Yuni Dewaraja, PhD (Co-Chair)

Denis Bergeron, PhD

John Dickson, PhD

David Miranda

P. David Mozley, MD

Nancy Obuchowski, PhD

### RSNA Staff

Joe Koudelik

Julie Lisiecki

**Moderator:** Dr. Miyaoka

- Dr. Miyaoka introduced the newest member, Mr. David Miranda, with MIM software

### Profile Work

- Dr. Miyaoka sent out drafts of sections 3.2 and 3.6 - 3.8 for committee review and discussion
- Noted was the longitudinal trial design used by the QIBA PET Amyloid BC; perhaps the TC<sup>99m</sup> BC could model their trial design similarly
- Unlike the FDG-PET and PET Amyloid BCs, the TC<sup>99m</sup> BC also seeks to make a cross-sectional claim, in addition to the longitudinal claim

### Wish List for DICOM headers

- It was proposed that a shorter, more manageable wish list of critical DICOM headers be drafted and sent to device manufacturers so that their comments could be incorporated into the Profile
- Suggested contacts included:
  - Dr. Wahl – (has several new Philips systems)
  - Dr. Wahl and Mr. Kevin O'Donnell – (regarding Canon, formerly Toshiba, systems)
  - Dr. Smith – (regarding Siemens systems)
- There was also a question about gamma camera recommendations; a contact is needed
- Dr. Miyaoka will follow up with these contacts

### Readability

- Dr. Mozley suggested saving two Profile versions on Dropbox, one with tracked changes, and one clean version to enhance readability

### Timeline

- The BC would like to have a first draft of the Profile out by the end of the 3<sup>rd</sup> quarter (September)
- It is the goal of the group to work toward public comment by the end of the 4<sup>th</sup> quarter
- The group aims to start work on conformance testing by the 1<sup>st</sup> quarter of 2019 and then turn the page by the QIBA Annual Meeting in Spring 2019

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

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

### Next steps

- Dr. Miyaoka will distribute section text updates at least one week prior to the next t-con
- Information for Section 3.2 and longitudinal Profile claim design to be discussed on the next call, Tuesday, September 11<sup>th</sup>
- All are asked to look over the section written by the PET Amyloid BC ([Section 2.3 – Clinical Trial Utilization](#)).