

## QIBA SPECT Biomarker Committee (BC)

Friday, May 20, 2016, 9 AM (CT)

Call Summary

### In attendance:

Yuni Dewaraja, PhD (Co-Chair)

P. David Mozley, MD (Co-Chair)

John Dickson, PhD

Eric Frey, PhD

Paul Kinahan, PhD

Robert Miyaoka, PhD

Nancy Obuchowski, PhD

Amy Perkins, PhD

Eric Perlman, MD

Johannes Zeintl, PhD

Brian Zimmerman, PhD

### RSNA

Joe Koudelik

Julie Lisiecki

**Moderator:** Dr. Mozley

### Dropbox Tips for Profile Work:

- A [Dropbox](#) folder has been set up to assist the SPECT team members working on the Profile.
- If two people open and edit a file in a shared folder simultaneously, Dropbox will save changes as separate files.
  1. Please use the latest version of the Profile if making new changes
  2. Re-save with the date and if needed, an "a," "b," or "c," if there are other versions with the same date
  3. Close the document if you are called away or need so shift focus
  4. If "older" versions exist, please move them to the "z.drafts" folder
  5. Accept trivial formatting edits – this helps to limit edits to those with action items
  6. Please leave other edits in "tracked changes" mode
  7. If an edit is resolved from the open issues section, please make a note documenting the change, e.g., "Resolved on Tuesday, 17 May 2016 by First Name, Last Name."
- If anyone would like to be added to the Dropbox, please email Julie at [jlisiecki@rsna.org](mailto:jlisiecki@rsna.org) for an invitation to Dropbox

### General Profile Review

- A goal has been set to get the Profile out for release before the next SPECT BC meeting (June 17)
- Some additional items that need to be addressed include:
  - How to incorporate the DRO into the Profile
  - What is needed from the phantom study
- Sections 2, 3, and 4 were discussed: revised claims, harmonization, gaps, and time lines
  - **Section 2:** The cross sectional claim was broken down into two parts as recommended by Dr. Obuchowski:
    - **Claim 1:** Cross sectional discriminatory claim, meaning that an SBR above some cutoff value could rule out Parkinson's disease. Whether this claim must be applied to the whole striatum, a hemi-striatum, or an anterior-versus-posterior putamen will be resolved by the clinical task force during an upcoming Tuesday meeting.
    - **Claim 2:** Cross sectional calibration claim. No change to text yet. This was the original cross sectional claim.
    - **Claim 3:** Longitudinal. Verbatim as per what was called, "Claim 2".
  - **Sections 3 & 4:** Already obvious that perfect symmetry will fail, but will keep subsections congruent for now, e.g., activities described in Section 3.6 will be assessed as per Section 3.4 until at the very end we see there are gaps because some activities need no assessments.

### QIBA SPECT BC Profile Progress:

- One more month of calls is anticipated for the rotating Tuesday I-123 focused Task Force meetings
- Once this first draft is complete, the group plans to pursue parallel Profiles regarding theranostics and radiotherapy
- Initial topics will be target density, oncology, and inflammation

Suggestions for improving meetings remain welcome: [mozley@gmail.com](mailto:mozley@gmail.com) ; [yuni@umich.edu](mailto:yuni@umich.edu); [jseibyl@mrimaging.com](mailto:jseibyl@mrimaging.com)

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**MAY / JUNE Nuclear Medicine WebEx Schedule****Committees (Fridays, 9 am CT):**

- June 03: FDG-PET BC
- June 10: Amyloid BC
- June 17: SPECT BC
- June 24: Combined NM BCs (TBD)

**SPECT Task Forces: (Tuesdays, 2 pm CT)**

- May 24: Clinical / Literature Review – Dr. Seibyl
- June 07: Image Acquisition / Processing for DaTscan – *Dr. Dewaraja*
- June 14: Quantitative / Image Analysis – *Drs. Miyaoka and Seibyl*
- June 21: Phantoms / DRO Group – *Drs. Dickson and Zimmerman*
- June 28: Clinical / Literature Review – *Dr. Seibyl (TBD)*

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RSNA Staff attempt to identify and capture all committee members participating on WebEx calls. However, if multiple callers join simultaneously or call in without logging on to the WebEx, identification is not possible. Call participants are welcome to contact RSNA staff at [QIBA@RSNA.org](mailto:QIBA@RSNA.org) if their attendance is not reflected on the call summaries. [QIBA wiki](#)