

## QIBA SPECT Biomarker Committee (BC)

Friday, January 19, 2018, 9 AM (CT)

### Call Summary

#### In attendance:

*P. David Mozley, MD (Co-Chair)*

*Yuni Dewaraja, PhD (Co-Chair)*

Denis Bergeron, PhD

John Dickson, PhD

Paul Kinahan, PhD

Helena McMeekin, MSc

Robert Miyaoka, PhD

Nancy Obuchowski, PhD

Eric Perlman, MD

Richard Wahl, MD, FACR

#### RSNA

Joe Koudelik

Julie Lisiecki

**Moderator:** Dr. Mozley

#### Discussion:

- Dr. Mozley provided a retrospective of the past year's accomplishments and gaps for the BC
- Discussion transitioned to brainstorming groundwork opportunities for 2018
- The BC is working to incorporate clinical trial language into both profiles
  - It was noted that there is a [Clinical Trial Planner](#) on the QIBA wiki
  - At present, profile claims apply to individuals; modification is needed to apply claims to groups (i.e. clinical trial)
  - A written procedure for conformance testing is needed
  - Dr. Kinahan reviewed the feasibility testing and checklist creation processes used by the FDG-PET/CT BC
  - The BC would like to advance Ioflupane Profile v1.0 to the Technically Confirmed phase for real world testing
    - The BC intends to perform conformance testing at a few expert sites with different scanner manufacturers and models by the end of the year
- Power calculations for conformance testing were discussed; Dr. Obuchowski to provide draft of latest guidelines
  - A certain threshold must be met for statistical analysis of claims, e.g., SD for uniform cylinder = 1 to 10%
- [Version control techniques for profile editing](#) were discussed, and all are asked to save working drafts with a new name and the date: **year-month-day** (YYYYMMDD) format
  - Track changes should be limited only to items that will require further discussion
  - Simple edits or corrections can be made without comment or tracked changes for efficiency

#### Action items:

- Dr. Mozley to work on a reorganized checklist
- Drs. Dickson and Seibyl to recruit ad hoc task force leaders to finish up Ioflupane Profile work
- Dr. Obuchowski to provide power calculation draft document to Dr. Mozley who will place it on the Dropbox
- Dr. Mozley to follow up with Dr. Seibyl regarding possible QIBA collaboration with the Michael J. Fox Foundation

#### Call Scheduling:

- An I-123 Profile Task Force (TF) call will be scheduled for the first Tuesday of the month, if needed
- A TC-99m/ oncology TF call will be scheduled for the second Tuesday of the month
- A sign-up sheet is available for the Technetium TF: <https://goo.gl/forms/XUjy203aiWvNJCF1>
  - Technical scribes are needed; if interested, please respond to Dr. Mozley: [mozley@gmail.com](mailto:mozley@gmail.com)

#### New members

- All are encouraged to recruit new members regularly; new names can be sent to [giba@rsna.org](mailto:giba@rsna.org)
- Previous meeting agendas, Profile versions, and work products are available in the group's [Dropbox folder](#)

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#### Nuclear Medicine WebEx Schedule:

**02/02** FDG-PET BC

**02/09** PET Amyloid BC

**02/16** SPECT BC

**02/23** NM Coordinating Ctte CC

**SPECT TF call: 02/13** TC<sup>99m</sup> Profile Development