

## QIBA PET Amyloid Biomarker Committee (BC) Call

20 January 2017 at 9:00 AM CT

### Call Summary

#### In attendance:

*Eric Perlman, MD (Co-Chair)*

*Anne Smith, PhD (Co-Chair)*

Christopher Buckley, PhD

Alexander Drzezga, MD

Anurag Gupta, PhD

Paul Kinahan, PhD

Martin Lodge, PhD

Dawn Matthews, MS

Nancy Obuchowski, PhD

Amy Perkins, PhD

Rathan Subramaniam, MD, PhD, MPH

Na Sun, PhD

John Sunderland, PhD

Jean-Luc Vanderheyden, PhD

Richard Wahl, MD, FACR

#### RSNA

Joe Koudelik

Julie Lisiecki

**Moderator:** Dr. Perlman

#### General:

- The Nov 11<sup>th</sup> call summary was approved as written
- An overview of the nuclear medicine breakout session at RSNA 2016 was provided

#### Profile: Status Update:

- Some issues remain regarding the claim / meta-analysis due to lack of standardization and limitations of the scientific studies found in the literature
  - Whether the newer literature could be incorporated
  - Whether the coefficient of variation threshold should be lowered from 8% to 5%
    - It was noted that clinical relevance would be improved if smaller numbers were chosen
    - The user repeatability coefficient must match what is stated in the claim
      - BC members are asked to vote on this issue using this [Google Form](#)
- Ms. Matthews suggested adding caveats to clarify the biologically valid percentage change observed over short periods of time, but advocated moving the Profile forward
- Four physics-based questions to be resolved via email
- Dr. Buckley will provide additional data from a clinical study report, if possible
- Dr. Subramaniam to show that the data are “controlled” and intends to include repeatability and phantom data
- Ms. Matthews suggested including the ADNI data from the last 2 years
- Dr. Perlman to summarize and provide open issues to BC members for an internal Profile review
- Dr. Obuchowski encouraged the group to get the Profile out for public comment and suggested providing background information on how we can achieve lower confidence interval numbers

#### Profile: Next Steps and Milestones:

- Goal to finish internal BC review by February 10<sup>th</sup> and release for Public Comment in February 2017
- Staff to circulate clean and marked-up Profile (and issues spreadsheet) to BC for review/feedback
- Staff to poll BC members via Google form regarding whether they want to be listed as Profile authors or contributors