

## QIBA FDG-PET/CT Tech Ctte Update Call

26 April 2013 at 9 AM CT (GMT-6)

### Call Summary

#### In attendance:

Paul E. Kinahan, PhD (co-chair)

Ling X. Shao, PhD (co-chair)

Richard L. Wahl, MD (co-chair)

Keith Allberg

Paul E. Christian

Barbara Croft, PhD

Robert Doot, PhD

Edward Eikman, MD

Howard Higley, PhD

Jeff Kolthammer, PhD

Lawrence MacDonald, PhD

Neru Munshi, PhD

Eric Perlman, MD

Annette Schmid, PhD

Anne Smith, PhD

Daniel Sullivan, MD

John Sunderland, PhD

Scott Wollenweber, PhD

John Wolodzko, PhD

Jeffrey Yap, PhD

Brian Zimmerman, PhD

#### RSNA

Joe Koudelik

Julie Lisiecki

### Proposed Agenda, 4/26

1. QIBA Program updates: Program staff, Dr. Sullivan, Mr. Buckler (*as available*)
2. Next steps for additional NM profiles:
  - a) Develop brain FDG quant profile
  - b) Develop brain amyloid profile
  - c) Develop SPECT overall approach to QC
  - d) Field test the profiles
  - e) Expand data to aggregate and qualify FDG-PET as biomarker with FDA
  - e) Others?
3. Review Public Comment Form for QIBA Documents

### Discussion

- The Public Comment period has been extended until May 24<sup>th</sup> – (Profile Public Comment [Form](#))
  - Ad hoc t-con scheduled for Monday, April 29<sup>th</sup> at 9 am CT to triage public comments received.
  - To date, 46 comments have been received.
  - Dr. Shao will provide additional industry feedback next week.
- Possibility of future projects for the summer was discussed; a well-defined list of priorities is needed to aid decision
- QIBA Annual Meeting Agenda and possible breakout session topics discussed
- A combined CT Volumetry / FDG-PET Tech Ctte breakout session is scheduled for Tuesday afternoon, May 14th from 3:15 PM -5:30 PM to discuss potential QIN-QIBA projects related to algorithm comparison and Metrology studies.
- Feedback regarding the Quantitative Imaging Data Warehouse (QIDW) functionality testing is needed for Dr. Andriole in efforts to refine the database.
- Additional discussion regarding Dr. Eikman's paper on variability of SUV needed
- Group to vote on key issues, knowledge gaps, areas needed to complete the Profile once co-chairs provide topics
- Consideration for how to accomplish field testing of the FDG-PET Profile is also needed
  - Checklist for field testing phase of the FDG-PET Profile being considered to help monitor compliance
  - Dr. Shao suggested possible sponsoring of a few test sites with vendor cooperation for field testing
- Decided that a special call for triage of public comments is needed prior to the annual meeting

### Under consideration:

- A future Profile with multiple tracers for amyloid
- Consideration of SPECT and PET tracers for a future Profile

### Action Items:

1. Tech Ctte co-chairs to provide topics for a vote regarding future direction of the group
2. Committee feedback needed regarding implications of test-retest results on future Profiles (i.e., cost, effort, etc.)
3. Dr. Perlman encourages feedback in addressing current Profile Public Comments received: [ericperlman@gmail.com](mailto:ericperlman@gmail.com).
4. Reminder and discussion points needed for QIN/ QIBA joint breakout session at the QIBA Annual Meeting

### Next calls:

**Friday, May 3, 2013 at 9 am CT** – QIBA FDG-PET Technical Committee Weekly Update

**Monday, May 6, 2013 at 9 am CT** – QIBA FDG-PET Profile: Triage of Public Comments **{medical issues to be discussed-physicians needed, please}**