

QIBA FDG-PET/CT Tech Ctte Update Call

28 February 2014 at 9 AM CT (GMT-6)

DRAFT Call Summary

In attendance:

Ling Shao, PhD (co-chair)

John Sunderland, PhD (co-chair)

Richard Wahl, MD, FACR (co-chair)

Hubert Beaumont, PhD

Janice Campbell, PhD

Ming-Kai Chen, MD, PhD

Paul Christian

Patricia Cole, MD, PhD

Edward Eikman, MD

Howard Higley, PhD

John Hoffman, MD

Paul Kinahan, PhD

Jeffrey Kolthammer, PhD

Martin Lodge, PhD

Lawrence MacDonald, PhD

Dawn Matthews, MS, MBA

Eric Perlman, MD

Anne Smith, PhD

Charles Smith, MSCS

Daniel Sullivan, MD

Pierre Terve, MS

Timothy Turkington, PhD

John Wolodzko, PhD

Brian Zimmerman, PhD

RSNA

Joe Koudelik

Julie Lisiecki

Agenda

- 1) Steering committee and adjacent committee updates
 - a) Past/Upcoming meeting update
 - i. RSNA Abstract submission (April 9 - what, owner)
 - ii. Grant progress update (March 3, what, owner)
 - b) Adjacent committee updates
 - i. NBDA – (Dr. Sullivan)
- 2) Project Updates
 - a) Profile Field Testing Update (Check list Progress)
 - b) DRO Project update
 - c) UPICT comments feedback and next steps (None)
- 3) Amyloid Writing Group Updates
- 4) Others

Next call: Friday, March 14th at 9am (CT)

General Discussion

Meetings

- QIBA Steering Committee Meeting Update
 - Contract semi-annual progress report is due to RSNA staff on Monday, March 3rd. Drs. Kinahan and Turkington to provide updates.
 - QIDW cross-modality phone call planned in about one month – dialogue to include how to use DROs
- RSNA 2014 abstract submission
 - April 9, 2014, noon central time, is the deadline for RSNA abstract submission.
 - Several abstracts are being considered for submission by the group (in addition to the QIBA Kiosk Tech Ctte poster, due ~October):
 1. A DRO abstract to QIRR (Quantitative Imaging Reading Room) due April 9th
 2. An abstract for the FDG-PET Profile Field Test of the project (to be discussed with Drs. Boellaard, Lodge, and Turkington) due April 9
 3. FDG-PET UPICT protocol (to be discussed with Dr. Yap) due April 9
 - RSNA staff will also contact prior PIs to determine if they may be interested.

NBDA Update (Dr. Sullivan)

- [The National Biomarker Development Alliance, or NBDA](#)
 - **Mission:** To collaboratively create an evidence-based end-to-end biomarker development process based on standards, best practices, guidelines (inclusive of all phases from early discovery to clinical application).

- Goal to define developmental pathways and endpoints for biomarker development, utilizing data from randomized clinical trials, with a primary focus on drug development
- Key people in the organization have ties to NCI
- Arizona State University Center for Adaptive Systems hosting site
- Support use of standards for operating procedures and are very interested in QIBA's procedures and templates
- Hurdles for the group remain the scientific challenge and lack of funding in the private sector i.e., no affiliated medical center or university

Profile Template Update

- Mr. O'Donnell has recently revised the Profile template to include a section on compliance procedures (section 4).
- This new format will be implemented in the future, when the current PET Profile is revised a year or two from now.
- Questions related to the new template will affect the development of the Profile Checklist.
 - Dr. Kinahan to follow up with Mr. O'Donnell regarding the checklist/ Profile relationship

Project Updates

- Profile Field Testing Update (Check list Progress)
 - Drs. Turkington, Boellaard, and Lodge are on parsing the Profile work into four categories:
 1. Workstation
 2. Scanner
 3. Workflow at site
 4. Dose calibration
 - Possibility of re-purposing specification tables for the checklist.
 - Question remains regarding whether and to what degree the sites will be responsible for performance of the scanners vs. the manufacturers' responsibility.

NIBIB Round-4 Project Timeline

- Anyone with ideas for a proposed project is asked to email the co-chairs: ling.shao@philips.com; john-sunderland@uiowa.edu; rwahl@jhmi.edu
- Dr. Kinahan suggested a review of last year's prioritization of proposed projects; RSNA staff to re-circulate

Action items

- Dr. Higley to give a 5 – 10 minute presentation regarding FDA biomarker qualification efforts, on a future call TBD
- Drs. Kinahan and Turkington to provide updates for the contract progress report due to Joe on Monday, March 3rd.
- Dr. Kinahan to follow up with Mr. O'Donnell regarding the checklist/ Profile relationship
- RSNA staff to re-circulate the Round-3 prioritization of proposed FDG-PET projects for brainstorming Round-4 proposals
- RSNA staff to contact prior PIs to determine if they may be interested in submitting abstracts for general scientific sessions or QIRR at RSNA 2014

Amyloid Writing Group Update

- Next t-con, Friday, March 7th at 8:30am (CT).
- Doodle Poll for amyloid group participation encouraged: <http://www.doodle.com/mdy2xfcdk5yeu39g>

Next FDG-PET/CT Tech Ctte t-con is scheduled for Friday, March 14th at 9 AM (CT)