

QIBA FDG-PET/CT Tech Ctte Update Call

11 January 2013 at 9 AM CT (GMT-5)

Call Summary

In attendance:

Paul E. Kinahan, PhD (co-chair)

Ling X. Shao, PhD (co-chair)

Richard L. Wahl, MD (co-chair)

Ronald Boellaard, PhD

Andrew Buckler, MS

Patricia Cole, PhD, MD

Barbara Croft, PhD

Howard Higley, PhD

Lawrence MacDonald, PhD

Neru Munshi, PhD

Dennis Nelson, PhD

Annette Schmid, PhD

Anne M. Smith, PhD

Rathan Subramaniam, MD

John Sunderland, PhD

Valerie Treyer, PhD

Timothy Turkington, PhD

Wenli Wang, PhD

Wolfgang Weber, MD

Scott Wollenweber, PhD

John Wolodzko, PhD

Jeffrey T. Yap, PhD

Brian Zimmerman, PhD

RSNA

Julie Lisiecki

Madeleine McCoy

Agenda, 1/11 - provided by co-chairs

0. Roll call

1. QIBA Updates from RSNA (Sullivan and/or Buckler)

2. Profile update (Kinahan)

3. UPICT update (Yap)

4. FDG-PET/CT TC projects (as available)

- Hoekstra - Meta-analysis to analyze the robustness of FDG SUV changes as a response marker, post and during systemic and multimodality therapy, for various types of solid extra cerebral tumors.
- Wahl - Analysis of SARC 11 Trial PET Data by PERCIST with Linkage to Clinical Outcomes
- Wahl - Evaluation of the Variability in Determination of Quantitative PET Parameters of Treatment Response Across Performance Sites and Readers
- Yap - Evaluation of FDG-PET SUV Covariates, Metrics and Response Criteria
- Hoekstra - Integration of Retrospective Reviews of 2-3 Groupings of Clinical Trial Datasets

5. New Nuclear Medicine Profile

6. New Business

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Discussion:

- New Profile efforts are being considered: 1) brain amyloid imaging, 2) FDG-PET brain imaging, and 3) SPECT imaging
 - Drs. Frey and Koeppel to be invited to provide their expertise on upcoming calls
- Version 0.9.8 Profile vote to release was approved and is in preparation for the Public Comment Phase
- UPICT FDG-PET/CT Protocol Writing Group: Dr. Yap and UPICT team considering publication of a condensed protocol in JNM
- Appendix E (QA procedures for different devices) needs GE perspective – Dr. Wollenweber completed the review
- QIBA-funded project investigators provided brief updates
 - Mr. Buckler reiterated QIBA's team approach and encouraged investigators to ask for input, share process
 - Dr. Higley offered to help Dr. Yap try to further his research in the area of predictive clinical outcomes in a series of clinical trials for metastatic breast cancer patients
 - Dr. Wahl invited everyone to provide input to his site survey

Action items for 1/18 – as assigned by the co-chairs:

1. Profile update (should be released by then) - RSNA

2. Dr. Kirk Frey – introduction/ discussion regarding the potential of writing a QIBA Profile for brain PET imaging

3. Project update from Dr. Hoekstra or designate

4. Recruitment for Dr. Wahl's multi-reader study (*attachments were distributed*)

5. FDA qualification update – Dr. Howard Higley

6. QIBA updates – Dr. Sullivan / Mr. Buckler

Action item for 1/25: Review of Profile stages – Mr. Kevin O'Donnell

Next call: **January 18, 2013 at 9 am CT.**