

## QIBA FDG-PET Technical Committee Update

Friday, October 21, 2011 at 9 AM CDT

Call Summary

### In attendance:

Paul Kinahan, PhD (Co-chair)  
Richard L. Wahl, MD (Co-chair)  
Andrew Buckler, MS  
Patricia E. Cole, PhD, MD  
Barbara Croft, MD  
Robert K. Doot, PhD  
John M. Hoffman, MD  
Blaine Horvath, RT  
Martin A. Lodge, PhD  
Dennis Nelson, PhD

Larry Alan Pierce, PhD  
Rathan Subramaniam, MD  
Daniel C. Sullivan, MD  
John J. Sunderland, PhD  
Valerie Treyer, PhD  
Timothy G. Turkington, PhD  
Scott D. Wollenweber, PhD  
Jeffrey T. Yap, PhD  
Brian E. Zimmerman, PhD

### RSNA

Joe Koudelik  
Madeleine McCoy

### Guests

Rick Avila  
Patrick Reynolds

### Agenda Topics:

1. Meeting summary from the September 2, 2011 was approved as written
2. PET/CT Digital Reference Object (DRO): Ready for Testing
  - Created by Dr. Larry Pierce and Brian Elston (U Washington)
  - Details at <http://depts.washington.edu/petctdro>
  - Login: **guest**; Password: **physicsDRO**
  - The goal of this site is to test whether image display software can calculate the SUV in the manner expected
  - Downloadable DRO test object is available for Tech Ctte Beta testing - Feedback to Dr Kinahan is encouraged
  - Dr. Kinahan would like feedback concerning workstation/viewer capabilities with this DRO; not all are expected to function properly
3. OIA User Requirements Document (Mr. Rick Avila, Kitware, Inc.)
  - Motivation: RSNA recognizes the need for archiving images related to the QIBA activities
    - Figure out needs for storing, organizing and disseminating image datasets
    - Goal: To walk through the OIA requirement categories to capture the FDG-PET priorities/needs
    - FDG-PET TC data sharing needs are limited; no database in place yet
    - Ease to upload meta/data is critical
    - Beyond DICOM data, archive needs include:
      - Details about the study
      - Study specifics that weren't captured with DICOM tags, eg, such as blood glucose levels
      - Output of analysis from reviewers
      - Scanner calibration and QA detail
      - All data on case report forms
      - ROI and statistics for ROI's
4. Discussion of the RSNA 2011 Annual Meeting QIBA Poster
  - RSNA deadline for hard copy is November 4<sup>th</sup>
  - Poster material will cover the activities and goals of FDG-PET; namely the material from last year

### Next steps:

- Dr. Kinahan to receive feedback on the FDG-PET Digital Reference Object (DRO) Beta testing

- Next Call will be scheduled in at the beginning of November (tbd): Discussion Topics to include--
  - Update on Y2 funding proposals
  - QIBA Annual Report
  - Response to FDA
  - New business
  
- **REMINDER: QIBA Poster Meet-the-Expert (MTE) Sessions at RSNA 2011:**  
Please provide your availability to participate in the QIBA Poster **Meet-the-Expert** (MTE) sessions at the RSNA 2011 Annual Meeting; Doodle link to sign-up: <http://www.doodle.com/gnartbzuuydqiauk>

This is a chance to interact with meeting attendees and discuss committee and poster content. Sessions are 30 minutes over the noon-time hour, Sunday through Thursday.