

QIBA FDG-PET/CT Tech Ctte Update Call

22 June 2012 at 9 AM CT (GMT-6)

Draft Call Summary

In attendance:

Paul Kinahan, PhD (co-chair)
Ling X. Shao, PhD (co-chair)
Richard L. Wahl, MD (co-chair)
Keith Allberg
Andrew Buckler, MS
Paul E. Christian

Patricia E. Cole, PhD, MD
Robert K. Doot, PhD
Howard Higley, PhD
Martin Lodge, PhD
Eric S. Perlman, MD
Anne M. Smith, PhD
Rathan Subramaniam, MD

Timothy G. Turkington, PhD
Jeffrey T. Yap, PhD

RSNA

Joe Koudelik
Julie Lisiecki

RSNA 2012

- Group to consider mentioning the Profile at the QI *Special Interest Session* and Committee Poster at the QIBA Kiosk

Assignments

- Drs. Lodge and Hoekstra are making comments to sections 6.4 and 6.5
- Dr. Yap is reviewing the Appendix
- Dr. Kinahan is reviewing the common data format mechanism relating to DICOM details

Timeline for Profile completion

- Allot one week for discussion of assigned areas
- End of July target date for completion and fine-tuning of document
- Mid - August – should be preparing for Public Comment
- Public Comment to coincide with FDA Review (as part of the Briefing Document)
- Public Comment period anticipated length – two months
- Response – Estimating two months will be needed
 - Group may need a few 3-4 hour work sessions, depending on type of comments received
- After Public Comment feedback is addressed, release of version 1.0 planned before the end of 2012

Issues under consideration

- NEMA Image Quality, section 6.4.0, European standard – need to make more global
- A test for consistency is needed, though a longitudinal study is beyond the scope of this document
- Recalibration and change of measurements up to 10%
- Resolution of noise measurements
- Test/ re-test on one scanner to make as simple as possible
- Section 6.4.1, Uniformity and Calibration, may need to be merged with previous section

Next steps:

- Any comments for editing to Dr. Kinahan, please: Kinahan@uw.edu
- Approach to addressing Public Comment needs further discussion
- Dr. Shao will lead calls while Dr. Kinahan is on vacation for the next two weeks.

Next call: To continue discussion of the Profile at **9 am (CT) July 6th**.