

QIBA FDG-PET/CT Tech Cttee Update Call

21 June 2013 at 9 AM CT (GMT-5)

Draft Call Summary

In attendance:

Paul E. Kinahan, PhD (co-chair)

Ling X. Shao, PhD (co-chair)

Richard L. Wahl, MD (co-chair)

Keith Allberg

Janice Campbell, PhD

Paul Christian

Barbara Croft, PhD

Robert Doot, PhD

Gregory Klein, PhD

Jeff Kolthammer, PhD

Martin Lodge, PhD

Lawrence MacDonald, PhD

Neru Munshi, PhD

Eric S. Perlman, MD

Annette Schmid, PhD

Anne M. Smith, PhD

Daniel Sullivan, MD

John Sunderland, PhD

Timothy Turkington, PhD

Scott Wollenweber, PhD

John Wolodzko, PhD

RSNA

Joe Koudelik

Julie Lisiecki

Agenda

- Address remaining assigned public comment resolution for physics topics – *Dr. Perlman*

Public Comment resolution for assigned physics topics

- Continued discussion regarding scanner calibration and assuring accuracy, or imaging facility QC of device
- Topics included:
 - QC image parameters vs. manufacturing specs
 - Addressing bias as well as test/ retest for quantitative accuracy
 - The ability to make cross- scanner comparisons
 - Capability to turn on/ off TSF recon and “time of flight” issues for scanners
 - Sometimes new software upgrades may not be as quantitatively accurate as previous ones
 - It is desirable to have both the “old” and “new” software versions functional
- It is important to list what phantoms will be used and to define their dimensions
- Mobile PET scanners may require additional calibration or other measurements to remain compliant

Status of public comment remaining issues

- Three physics-related comments remain
- Approximately 25 DICOM issues require discussion

Action items:

- Mr. Christian to provide wording for item # 88
- Dr. Boellaard to provide wording for item # 21
- Dr. Kinahan to provide wording for item # 18
- Dr. Kinahan will follow up with inviting DICOM experts, Working Group 3 participants
- DICOM call to be scheduled for July
- Participants with additional comments asked to email Dr. Perlman (ericperlman@gmail.com)
- Volunteer editor position open for UPICT FDG_PET Protocol

Next call:

- **Friday, June 28th** – (9 am CT) – Regular Meeting of the FDG_PET Technical Committee – remaining PHYSICS topics