

QIBA FDG-PET/CT Tech Ctte Update Call

16 November 2012 at 9 AM CT (GMT-5)

Call Summary

In attendance:

Paul E. Kinahan, PhD (co-chair)

Ling S. Shao, PhD (co-chair)

Richard L. Wahl, MD (co-chair)

Andrew Buckler, MS

Paul Christian

Barbara Croft, PhD

Robert Doot, PhD

Michael Graham, MD, PhD

Otto Hoekstra, MD

John Hoffman, MD

Martin Lodge, PhD

Lawrence MacDonald, PhD

Neru Munshi, PhD

Joo Hyun O, PhD

Eric Perlman, MD

Rathan Subramaniam, MD

Daniel C. Sullivan, MD

John Sunderland, PhD

Valerie Treyer, PhD

Timothy Turkington, PhD

Matt Vanderhoeck, PhD

Scott Wollenweber, PhD

Jeffrey T. Yap, PhD

Brian Zimmerman, PhD

RSNA

Fiona Miller

Joe Koudelik

Julie Lisiecki

Version 0.9.6 Profile edits discussed in preparation for the Public Comment Phase

- Variations of lean body mass (or ideal body weight) formulas discussed
 - James formula recommended over the Morgan-Bray version
- A note in the appendix may need to be added – with additional clarification for manufacturers per NEMA
 - Allow manufacturers to select LBM formula, but require them to document.
- Additional equation for inter-reader variability to be provided by Dr. Kinahan
- Minor changes to be incorporated and circulated via email
- Modality group to vote on whether to release the Profile for Public Comment
- Vote to remain open for two weeks

Review of Dr. Joo Hyun O's presentation (NIBIB Round-2 Project at Johns Hopkins):

- Quality of PET data remains an issue
- The project included 235 patients –assessing 3 methods of tumor measurement
- Defining the “hottest” tumor across each method was discussed
- Still needed: link SUVmax to outcomes, as well as descriptors of methodology
 - Metrics must be clarified before linking to outcomes
 - Consideration of the quality of data and conclusion will determine the degree to which this data can be incorporated
- Final preparations for release to Public Comment will occur in the next two weeks via e-mail

Action items:

- Dr. Wahl requested feedback on his reporting form to plan for a multi-site study
- Dr. Yap volunteered to host UPICT FDG-PET/CT Protocol Working Group calls to finish up any remaining edits with the original core group
 - RSNA Staff to follow up on call scheduling, Doodle Poll, etc.
- Modality Committee members to vote within the next two weeks - whether the Profile is approved for release for Public Comment

Next call: **December 7, 2012 at 9 am CT.**