

**QIBA FDG-PET/CT Tech Ctte Update Call**  
14 September 2012 at 9 AM CT (GMT-5)  
Call Summary

**In attendance:**

***Paul E. Kinahan, PhD (co-chair)***

***Ling X. Shao, PhD (co-chair)***

Keith Allberg

Andrew Buckler, MS

Barbara Croft, MD

Howard Higley, PhD

John M. Hoffman, MD

Martin Lodge, PhD

Lawrence MacDonald, PhD

Neru Munshi, PhD

Eric Perlman, MD

Rathan Subramaniam, MD

Daniel C. Sullivan, MD

John J. Sunderland, PhD

Wenli Wang, PhD

Scott D. Wollenweber, PhD

Jeffrey Yap, PhD

Brian Zimmerman, PhD

**RSNA**

Joe Koudelik

Julie Lisiecki

**Poster for RSNA 2012**

- **Interested volunteers: please respond to Dr. Kinahan at [kinahan@uw.edu](mailto:kinahan@uw.edu) .**

**Profile update**

- Brief review of remaining Profile tasks; Claim language to be finalized after ACRIN 6678 statistics are discussed in greater detail

**Claim**

- Coefficient of variation (CV) results from the ACRIN 6678 Test/Retest data discussed:
- Within-subject CVs were computed in both linear and log scales and for a variety of measurements.
- Group to check against FDG-PET Tech Ctte estimates for SUVmax and incorporate an explanation for repeatability/variability numbers
- Limits of repeatability provided, but no limit of correlation:
  - Within subject: 7.8%
  - Log scale: 8.2%
  - A pooled coefficient of variation would be helpful
  - Group to consider any other information that would be helpful prior to following up with Dr. Gatsonis
- Literature search found a coefficient of variation between 9-12, whereas the ACRIN results indicated a coefficient of variation closer to 8
- Must determine how these measurements were made, on what sample population, etc., to see if the measurements are comparable
- Tech Ctte would like to have the FDG-PET Profile ready for the Public Comment phase by the end of September

**Call for Profile Editor**

- If interested in tracking/incorporating the Public Comments to the Profile, please email one of the Co-Chairs:
  - Dr. Kinahan ([kinahan@uw.edu](mailto:kinahan@uw.edu))
  - Dr. Shao ([ling.shao@philips.com](mailto:ling.shao@philips.com))
  - Dr. Wahl ([rwahl@jhmi.edu](mailto:rwahl@jhmi.edu))

**Follow up items**

- Group members with assignments or those who have not yet commented on the Profile, please send feedback to Dr. Kinahan ([kinahan@uw.edu](mailto:kinahan@uw.edu)) by September 21, 2012.

**Next steps:**

- Approach to addressing Public Comment needs further discussion, along with resolving the ACRIN 6678 test-retest results in relation to the claim.

**Next call:** Next FDG-PET Technical Committee call - Discussion of claim and remaining action items, **Friday, September 21<sup>st</sup>, at 9 am CT.**