

QIBA FDG-PET/CT Tech Ctte Update Call

31 August 2012 at 9 AM CT (GMT-5)

Draft Call Summary

In attendance:

Paul E. Kinahan, PhD (co-chair)

Richard L. Wahl, MD (co-chair)

Andrew Buckler, MS

Paul Christian

Robert Doot, PhD

Michael Graham, MD, PhD

Howard Higley, PhD

Martin Lodge, PhD

Lawrence MacDonald, PhD

Neru Munshi, PhD

Dennis Nelson, PhD

Eric Perlman, MD

Rathan Subramaniam, MD

Valerie Treyer, PhD

Wolfgang Weber, MD

John G. Wolodzko, PhD

Jeffrey Yap, PhD

RSNA

Julie Lisiecki

Poster for RSNA 2012

- **Interested volunteers: please respond to Dr. Kinahan at kinahan@uw.edu.**

Profile update

- Brief review of remaining Profile tasks; Claim language to be finalized after ACRIN 6678 statistics are received
- Few section-specific comments are still outstanding; the majority have been integrated.
 - May assign remaining section review to those with specific expertise

Claim

- Dr. Gatsonis to pull out coefficient of variation data to check against FDG-PET Tech Ctte estimates for SUVmax
 - Repeatability / variability numbers must be incorporated to the claim
- Dr. Lodge raised questions about the asymmetric limits of repeatability
 - Retest numbers are higher, rather than lower as expected
 - Relevance of differences in analyses methods between FDG-PET Tech Ctte and ACRIN 6678 team
 - Suggested including a caveat regarding the asymmetric measurements.
- Mr. Buckler noted that changes can still be made after the Metrology Workshop and after Public Comment period
 - All QIBA Profiles may need updated claim language after the Metrology Workshop
- Dr. Kinahan would like to have the FDG-PET Profile ready for release prior to the Metrology Workshop and is aiming for the end of September
- Dr. Yap pointed out that interpretation and guidelines related to the statistics would also be needed to demonstrate biological change.
- Drs. Wahl and Kinahan to paraphrase/ cite ACRIN 6678 guide on how to interpret per-patient results.

Follow up items

- Dr. Kinahan to follow up with Dr. Dorfman regarding the status of the UPICT FDG-PET Protocol
- Group members to send in assignments to Dr. Kinahan (kinahan@uw.edu)

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 14th, at 9 am CT.**