QIBA FDG-PET/CT Tech Ctte Update Call
12 October 2012 at 9 AM CT (GMT-5)

Call Summary

In attendance:

Paul E. Kinahan, PhD (co-chair)  Robert Doot, PhD  Wolfgang Weber, MD
Richard L. Wahl, MD (co-chair)  Martin Lodge, PhD  John Wolodzko, PhD
Keith Allberg  Lawrence MacDonald, PhD  Brian Zimmerman, PhD
Ronald Boellaard, PhD  Dennis Nelson, PhD  RSNA
Andrew Buckler, MS  Eric Perlman, MD  Joe Koudelik
Paul Christian  Annette Schmid, PhD  Julie Lisiecki
Patricia Cole, PhD, MD  John Sunderland, PhD
Barbara Croft, MD  Valerie Treyer, PhD

Poster for RSNA 2012

• Interested volunteers: please respond to Dr. Kinahan at kinahan@uw.edu.
• A printed copy of the technical committee poster is due to RSNA by November 1st.
  o Alternatively, tech committee members may install their posters on Saturday, November 24th.

Profile update

• Claim language and Profile edits discussed in preparation for Public Comment Phase
• Time between dose administration and scan acquisition was discussed
  o 60 minutes was suggested as the practical compromise
  o Any less than 55 minutes was deemed insufficient
  o Target window +/- 10 minutes
• Sections reviewed on call:
  o 3.3.3 (Imaging Data Storage And Transfer)
    ▪ All images to be DICOM compliant and archived by a technologist
  o 3.6.4.4 (Phantom imaging data analysis)
    ▪ Want to be inclusive of DRO and ROI details
    ▪ May want another appendix here containing DRO instructions
  o 3.6.6 (Quality Control of Interpretation)
    ▪ Variability of reader performance: to promote quantitative performance standards for the quality of interpretation
    ▪ There is a need for intra-reader variability studies
• Aiming to have the FDG-PET Profile ready for the Public Comment phase by October 31, 2012.

Action items for 10/19 call:

• All members are asked to read Section 4 (Compliance) for discussion
• Dr. Wolodzko to compare section 3.3.3 (Imaging data storage & transfer) in relation to compliance section
• Drs. Kinahan and Lodge to work on equations for COV (coefficients of variation)
• Dr. Kinahan to send updated version of Profile for review.

Next call: Next FDG-PET Technical Committee call - Discussion of remaining items, Friday, October 19th, at 9 am CT.