QIBA FDG-PET Technical Committee Update
Friday, August 19, 2011 at 9 AM CDT

Call Summary

In attendance:
Paul Kinahan, PhD (Co-chair)
Richard Wahl, MD (Co-chair)
Ronald Boellaard, PhD
Andrew Buckler, MS
Michael Casey, PhD
Paul Christian
Patricia Cole, PhD, MD
Robert Doot, PhD
Howard Higley, PhD
John Hoffman, MD

Blaine Horvath, RT
Daniel Sullivan, MD
John Sunderland, PhD
Timothy Turkington, PhD
Scott Wollenweber, PhD
John Wolodzko, PhD
Jeffrey Yap, PhD

RSNA
Fiona Miller
Joe Koudelik

Agenda Topics

UPICT PET Profile update
- Profile content elements exist; need to assemble into Profile template
- Mr Buckler to review both PET protocol and Profile for potential gaps to focus writing effort
- Comparison to MR and CT Profiles to be made; gap analysis to converge material to template
- Hiring a technical writer/ content expert to work with Mr Buckler in drafting the Profile as a paid consultant proposed
- All PET TC members invited to self/ submit nominations to Co-chairs for consideration
- FDG-PET call schedule to resume alternating between Tech Ctte and Profile writing topics

Y1 project updates
- RSNA staff to wiki post Y1 PET project updates for reference
- http://qibawiki.rsna.org/index.php?title=FDG-PET_tech_ctte (under 'Round 1 of QIBA Funded Projects')

Y2 project updates
- Follow-up t-con planned for Aug 26th for refining proposals
    o Quantitative reader study
    o Yap/Hoekstra/Boellaard combined project

Compliance/ Adherence to Standards
- FDA looking to adhere to standards for both clinical trials as well as clinical practice; visibility needed on a global scale
- NIST traceable positron source discussed (to be addressed in Profile)
- Need to engage additional associations (AAPM, SNM Clinical Trials Network, etc) in development of an implementable radiation standards and quality control procedure for manufacturers, organizations, and clinical practice; CRO's to be educated and involved as well

Next steps:
- Weekly FDG-PET call schedule to resume alternating between Tech Ctte and Profile writing
- Proposed agenda items for next TC call (Sept 2nd)
    o Y1 project updates by all PI's