

QIBA FDG-PET/CT Tech Ctte Update Call

31 January 2014 at 9 AM CT (GMT-6)

Call Summary

In attendance:

Co-chair:

Ling Shao, PhD

John Sunderland, PhD

Richard Wahl, MD, FACR

Hubert Beaumont, PhD

Chris Buckle, MD

Patricia Cole, PhD, MD

Paul Kinahan, PhD

Gregory Klein, PhD

Jeffrey Kolthammer, PhD

Lawrence MacDonald, PhD

Dawn Matthews, MS, MBA

Anne Smith, PhD

Rathan Subramaniam, MD

Daniel Sullivan, MD

Pierre Terve, PhD

Timothy Turkington, PhD

Scott Wollenweber, PhD

Dewen Yang, MD, PhD

Jeffrey Yap, PhD

Brian Zimmerman, PhD

RSNA

Joe Koudelik

Proposed Agenda

- 1) Steering committee and adjacent committee updates
 - a) Past/Upcoming meeting update (Chicago meeting)
 - b) Adjacent committee updates (CTN, etc)
- 2) Project Updates
 - a) Profile Field Testing Update
 - b) DRO Project update
 - c) UPICT comments feedback and next steps
- 3) Amyloid Writing Group Updates
- 4) Others

General Discussion

Meetings

- Drs Shao and Sullivan provided a brief overview of the Jan 23rd QIBA Steering Committee f2f meeting in Chicago
 - All Tech Cttes provided status updates and the group discussed Profile Compliance, ranging from definition to enforcement
 - Content within sections 3 and 4 of the PET Profile and generic Profile Template were compared
 - All “Shall” statements should be located within Section 3; trimming Profile to the minimum “Shall” requirements recommended to minimize user push-back
 - All detailed procedures to help attain Section 3 performance to be with Section 4
 - Better aligning all Profile formats deemed critical across all Tech Cttes
 - Discerning Action and Actor roles critical to the various stakeholders using the Profile
 - Possible revenue to support QIBA activities from licensing Phantoms and standardization documents (Profiles/Protocols) was met with mixed feelings and concerns
- Adjacent ctte updates included Dr Sunderland’s role as a Co-chair on the CT Harmonization Group
- NCI study comparing multiple scanners versions in efforts to harmonize vendor reconstruction output for use in clinical trials
- Dr Boellaard to be invited to present an update re EARL activities on a future call

Projects

- Dr Turkington reported the Profile test/retest study project framework is being drafted
- Dr Kinahan provided an update on his DRO project: three new components will be added to his DRO for increased SUVpeak, display alignment and ROI fidelity measurements
- Project PIs to develop a timeline for milestones once subcontracts have been finalized; project start date remains Sept 30, 2013 and end date is Sept 29, 2014

- Dr Yap provided an update re the UPICT PET Protocol development
 - Few comments received and addressed; next step is to incorporate changes and publish the Protocol as v1.0 to the QIBA Wiki
 - UPICT Protocol has proven to be a solid reference source for other ctte members who are drafting alternate versions
- The relationship between the QIBA Profile and UPICT Protocol were discussed

Amyloid Writing Group Update

- Dr Smith gave an overview of the two recent calls
- The amyloid group will use the current FDG-PET Profile as a framework and edit to meet amyloid needs
- A divide-and-concur approach will be used to parse out writing assignments
- Clinical trials vs. clinical use test/retest literature was discussed
- Current schedule working well with the amyloid calls alternating with the Tech Ctte on Friday mornings

Next FDG-PET/CT Tech Ctte call is scheduled for Friday, February 14, 2014 at 9 AM CST