

QIBA FDG-PET/CT Tech Ctte Update Call

20 June 2014 at 9 AM CT (GMT-5)

Call Summary

In attendance:

Ling Shao, PhD (Co-chair)

John Sunderland, PhD (Co-chair)

Hubert Beaumont, PhD

Ronald Boellaard, PhD

Howard Higley, PhD

Paul Kinahan, PhD

Gregory Klein, PhD

Jeff Kolthammer, PhD

Martin Lodge, PhD

Lawrence MacDonald, PhD

Dennis Nelson, PhD

Eric Perlman, MD

Larry Alan Pierce, PhD

Anne Smith, PhD

Rathan Subramaniam, MD

Daniel Sullivan, MD

Jean-Luc Vanderheyden, PhD

Scott Wollenweber, PhD

Jeffrey Yap, PhD

Brian Zimmerman, PhD

RSNA

Fiona Miller

Julie Lisiecki

Madeleine McCoy

Agenda

- 1) Steering Committee (SC) and adjacent committee updates
 - a) Past/Upcoming meeting update
 - i. Update on Annual Meeting (review of minutes)
 - ii. 2015 Project proposal status
 - b) Adjacent committee updates
 - i. None
- 2) QIBA Newsletter Status Update Template Discussion
- 3) Project Updates
 - a) Profile Field Testing
 - b) DRO Project update
- 3) Amyloid Writing Group Updates
- 4) Others

General Discussion

Update on QIBA Annual Meeting, May 21-22, 2014

- Key points from the Plenary Session were overviewed by Dr. Sullivan
 - Dr. Pyenson: *The Concept of "Value" as Payers Implement It: CT Screening Example*
 - Background of the role Quantitative Imaging plays in lung cancer screening
 - Mr. O'Donnell: *Update on QIBA Compliance* relating to IHE and ACR Accreditation
 - Dr. Ford: *Imaging CRO's Perspective re: QIBA*
 - Dr. Hoekstra: *EANM Example*
 - Update of EANM accreditation progress

2015 NIBIB Project Proposal Status

- Dr. Shao shared the project proposal score sheet and overall status of FDG-PET Projects
 - Dr. Kinahan emphasized that the comments listed did not reflect the overall SC view
- The next project edits are due to the RSNA by July 7th for review by the SC on July 17th

Project Updates

- Profile Field Testing
 - Drs. Turkington, Boellaard, Lodge and Kinahan are working through 125 outstanding items which have been mitigated to one spreadsheet
 - The items will be distinguished as to whether or not they are feasible for testing
 - A request was made for the group to present examples of how the items are being broken down and analyzed/classified, e.g. 10-15 items, within the next two weeks
 - Non-essential items for project compliance checklist to be removed

- DRO Project update
 - The data have been submitted for a revised *Radiology* manuscript
 - The DRO was reviewed
 - New developments/additions to the DRO have been implemented and will be tested soon.
 - Dr. Pierce shared slides to update the groups' progress
 - 6 different region of interest tests have been performed
 - 22 sites have recorded data
 - Placement of ROIs, testing tool functionality, as well as measurement of voxels, was discussed
 - The intent is to publish an answer key which will include threshold
 - Possible role for DRO in Profile Compliance to be discussed
- Amyloid Writing Group Update
 - Dr. Smith updated the group with developments from the recent SNMMI 2014 in St. Louis
 - Dr. Smith will reach out to Maria C. Carrillo, PhD, Senior Director, Medical and Scientific Relations Alzheimer's Association, re: a potential collaboration with [GAAIN](#) (*The Global Alzheimer's Association Interactive Network*), *an online repository of federated Alzheimer's disease research data that will transform the way neuroscience data is shared and accessed by scientists around the world.*
 - The Test-retest subgroup t-con is scheduled for next week and will be led by Dr. Frey

Upcoming Calls:

QIBA PET Amyloid WG Subgroup T-Con, Friday, June 27th at 8:30am (CT)

NO QIBA FDG-PET Tech Ctte T-Con on Friday, July 4th due to the U.S. 4th of July Holiday

QIBA PET Amyloid WG Subgroup T-Con, Friday, July 11th at 8:30am (CT)

QIBA FDG-PET Tech Ctte T-con is scheduled for Friday, July 18th at 9 AM (CT)