QIBA Q-CT Committee Weekly Update  
Monday, July 26, 2010  
11 AM CDT

Call Summary

In Attendance
Andrew Buckler, MS (co-chair)  
P. David Mozley, MD (co-chair)  
Karita Garg, PhD  
Phillip Judy, PhD  
Michael McNitt-Gray, PhD  
James Mulshine, MD  
Daniel Nicolson  
Kevin O'Donnell  
Nicholas Petrick, PhD  
Anthony P. Reeves, PhD  
Yuanxin Rong, MD, PhD  
Daniel C. Sullivan, MD  
RSNA  
Fiona Miller  
Madeleine McCoy

Review of Action Items from 06/07/10- 06/14/10

- Literature review:
  - Consider tabulated wiki document to keep document alive vs. data dump that may be practical but does not meet the objectives/needs of the group
    - qualification process requires in-depth understanding of other activities/studies
    - published version static and does not include recent articles
  - Dr. Mozley to distribute expanded literature review document to all, via RSNA staff
  - Dr. Garg to prepare for group review; summary statement to include identified areas of variability, current status, questions to be addressed by larger community, etc.
  - Quarterly or biannual data review by VolCT committee during scheduled calls will keep document current
  - Structure and organization of QIBA website and Wiki needs to be discussed.
    - Remapping to provide easy access to critical documents e.g., literature review, data library

- Data Library:
  - Continue to build referenced data subsets that link to bull’s-eye model
  - Mr O’Donnell is working on a method to provide composite score
  - Use cases need to be provided
    - consider using NBIA Use cases
    - may be appropriate for collaboration with Open Image Archives (OIA) ad hoc committee
      - OIA in process of defining criteria for archives
      - Important to have cross communication and representation
      - Mr. Buckler to identify most recent use-case document developed by OIA for distribution to Vol CT Committee
  - Need to return to prioritization of datasets for upload to NBIA
    - Begin with datasets used in 1A Project
    - Element scoring needed for a number of data sets before determining need for profile updates
    - RSNA staff to set conference call for Drs McNitt-Gray and Petrick and Mr O’Donnell to review phantom data
    - Dr. McNitt-Gray will then review 1B dataset to look at human subject performance
    - Links to prioritized datasets for both to be provide on QIBA and/or NBIA Wikis
Letter to Pharma Companies:
- OIA developing use-case and attributes for archives but awaiting Pharma input
- Above needed for letter to pharma
  - Cosigned by QIBA and Prevent Cancer Foundation
- Mr Buckler to distribute merged text version for review
- Dr Mozley recommended that a first step would be a request for Prevent Cancer Foundation to high-level pharma for designated reps to work on qualification process
- Dedicated call needed for Drs Sullivan, Buckler, Mozley, Mulshine, Avila, and Zahlman to discuss strategy and sequence of events

1A and 1B Update
- Dr Petrick to pursue SPIE abstract submission (8/4)
- 1B readings complete and will move to share results for analysis

Next Steps:
- Dr Mozley to forward full literature review to RSNA staff for distribution to VolCT committee
- Dr Garg to update current literature review with new papers and incorporating criteria that were previously distributed
- Mr Buckler to provide update use-case document developed by OIA
- RSNA Staff to set up t-con with Drs McNitt-Gray and Petrick and Mr O'Donnell to review phantom data
- Dr McNitt-Gray to review 1B dataset to look at human subject performance and post to QIBA Wiki
- RSNA Staff to set up t-con with Drs Sullivan, Buckler, Mulshine, Mozley Avila and Zahlmann to discuss strategy and sequence of events for pharma letter(s)
- Next call scheduled for August 2nd, 2010 am CDT
  - Subgroup updates
  - Continue review of action items from 6/21 onward