

QIBA vCT Technical Committee Weekly Update
Monday, July 20, 2009
11 am CDT

Call Summary

In attendance

Nicholas Petrick, PhD (Moderator)
P. David Mozley, MD (Co-Chair)
Denise Aberle, MD
Harris Ahmad, MD
Maria Athelougou, MD
Kristin Borradaile, MS
Charles Fenimore, PhD
David Gustafson, PhD
Michael McNitt-Gray, PhD
Kevin O'Donnell

Michael O'Neal, MD
Anthony P. Reeves, PhD
Daniel Sullivan, MD
Matthias Thorn, PhD
Brenda Ye, MD

RSNA staff

Susan Anderson
Mary Cerceo

Agenda (Dr Petrick)

- 1) Discussion of RSNA presentations
 - Posters and accompanying Meet the Experts Session
 - QIBA Kiosk
 - Technical Committee updates at QI IB Informational meeting, Monday, Nov 30
- 2) Updates on QIBA subcommittees

RSNA 2009 planning

- Discussion of content for posters and QIBA kiosk:
 - Poster:
 - Kiosk to provide general information and refer to posters which will contain more in-depth project detail
 - 1 poster on Profile with general information about group
 - 1 poster on Groups 1A, B and C, general info on what study design and data will look like. These posters should be such that they don't inhibit our ability to submit these studies to RSNA scientific session in future meetings
 - 1 poster (possible) on Future directions, e.g. Group 2
 - Meet the Expert sessions: (5 days, 1 hour each day)
 - Dr Petrick will commit to one day of MTE sessions
 - Request volunteers from committee for other days if we decide this is worthwhile.
- Prior decision not to present a paper on 1A activities at RSNA 2009 but could use layout and preliminary data in poster; however, do not want to preclude eventual paper or abstract submission to RSNA
- Committee to consider topics for Technical Committee updates at QI IB Informational meeting, Monday, Nov 30

Subcommittee updates

Group 1A (Dr Petrick)

- Hope to start data analysis plan this week with completion in August
- Group 1A t-con to be scheduled when analysis plan is complete

Group IB (Dr McNitt-Gray)

- Finalizing aspects of experimental design and procedures over the last few weeks
- The MSKCC Coffee Break data (8 Gig data) is now available from NCIA; data can be incorporated into 1B experiments
 - Dr McNitt-Gray will post instructions for download on QIBA wiki
- Dr McNitt-Gray and student assistants will inventory data and prepare indicator spreadsheets by Case, Lesion, Coordinates to Identify Target Lesions
 - Will include Screenshots (useful to RadPharm with 1A data)
 - RadPharm used iterations while working with 1A data:
 - XYZ coordinates
 - Screenshots
 - Portable hard drive of cases which were sent by Dr Petrick

Group 1C (Dr Fenimore)

- Draft experimental design needs input from sites that are participating
- Two branches: specifying the protocol and specifying performance level (need medical physicist for this branch; will scan for specified noise and resolution levels)
 - Recruiting medical physicists to participate
 - After recruitment, will schedule Group 1C t-con
- Want to include a GE scanner in the process

Next steps:

- Dr McNitt-Gray will post instructions for download of NCIA data on wiki
- Group 1B call Wednesday, 3pm EST