

QIBA CT Volumetry Technical Committee Update Call

January 16, 2012 at 11 AM CST

Call Summary

In attendance:

P. David Mozley, MD (Co-chair)

Hubert Beaumont, PhD
Andrew Buckler, MS
Paul L. Carson, PhD
Paul R. Garrett, MD
Gregory V. Goldmacher, MD, PhD
David Gustafson, PhD

Luna Hilaire, PhD
Hyun Grace Kim, PhD
Michael McNitt-Gray, PhD
Kevin O'Donnell, MASc
Guillaume Orioux
Neil Steinmetz, MD, JD
Ying Tang, PhD

RSNA:

Joe Koudelik
Madeleine McCoy

Project Updates

- Group 1B plans to finish their project in 2-6 weeks
- Dr. McNitt-Gray to e-mail Co-chairs with projected timelines/schedules
- Project plan to be reviewed when schedules allow

Strategy for Selecting New NIBIB Funding Proposals

- Project planning and future funding seen at 2 levels:
 1. Completing CT Volumetry biomarker in cancer vs. working on new CT biomarkers; the quantitative CT denominator remains
 2. Pursuing individual projects that people may have in mind for CT Volumetry
 - CT Volumetry not widespread; occasionally used in clinical trials
- Discussed project focus for extended 2012/2013 funding:
 - 1) Quantitative CT Volumetry
 - a. Repeat 1A, 1B, 1C projects for liver, spleen and other organs
 - 2) Morphometry (shape, angle, geometric features)
 - 3) Densitometry
 - 4) Multi-modality

QIBA Vol-CT AdvDisease v2 Public Comment Profile Feedback (led by Mr. O'Donnell)

- Tech Ctte continued their review of completed homework/comment assignments
- Wordsmithing changes included:
 - Line 38 #56: Proposal generally accepted to resolve by permitting Total Collimation of 16mm (down from 20mm). The table speed requirement will continue to ensure single breath hold coverage and reconstruction requirements put appropriate bounds on acquisition parameters. *Drs. McNitt-Gray, Carson and Steinmetz*
 - Line 127 #73: Drs. Mozley and Steinmetz submitted content to be incorporated. Need for this detail in the Profile not certain; more discussion required. *(Drs. Schwartz & Steinmetz to address)*
 - The open comments were shown and homework assignments continued to be discussed: Line 145 #77; Line 213 #107; Line 124 #248; Line 125 #248; Line 127-128 #258; 144 #483; 146 #38; 147 #38; 150 #59;
 - Section III: How actors work together to perform; Profile formats to remain the same across modalities
 - Line 135 #259 Section IV: "Shall language" was discussed. *(Dr. Clunie to address)*
 - Section IV: More procedural; consider keeping compliance as title and then making a performance assessment

Next steps:

- Mr. O'Donnell to post the updated versions of the profile and comment resolution document to the WIKI
- Agenda items for the next t-con:
 - Status Reports from workgroups including 1B and 1C
 - Review plans to finish Group 1B (Dr. McNitt-Gray) and 1C (Dr. Fenimore) projects
 - Continue brainstorming for 2012/2013 NIBIB Funding Projects
 - Profile public comments and resolution to continue
- Next call scheduled for Monday, January 23rd at 11 am CST