

QIBA CT Volumetry Technical Committee Update Call

January 30, 2012 at 11 AM CST

Call Summary

In attendance:

P. David Mozley, MD (Co-chair)
Lawrence Schwartz, MD (Co-chair)
Maria Athelougou, PhD
Andrew Buckler, MS
Paul Carson, PhD
Patricia Cole, PhD, MD
Barbara Croft, MD
Alden Dima, MS
Heidrun Endt

Paul Garrett, MD
Gregory Goldmacher, MD, PhD
David Gustafson, PhD
Michael McNitt-Gray, PhD
James Mulshine, MD
Kevin O'Donnell, MASc
Nicholas Petrick, PhD
Daniel Sullivan, MD
Ying Tang, PhD

RSNA:

Joe Koudelik

General Discussion

- Current CT Volumetry projects on track with deliverables and timelines; updates from all groundwork teams to continue
- Post Sept 2012 QIBA/NIBIB funding is time sensitive; Tech Ctte feedback need to determine future projects to fill any remaining knowledge gaps
- Urgency conveyed to resume Profile development for small, solitary pulmonary nodules, as well as deliver v2 of the solid tumor Profile
- Differences and similarities between volumetry, morphology and densitometry associated with Profile development discussed
- Combining dimensional screening with window-of-opportunity topics proposed as an additional Profile; serial Profile development proposed if combining proves cumbersome, parallel development if subject overlap is less than expected
- Small 4-5 person Profile writing groups suggested, followed by Tech Ctte review and feedback
- Clinical trial vs Clinical practice discussed
- Additional brainstorming needed for future projects/efforts

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

- Mr O'Donnell to incorporate comments received from Dr Steinmetz and WIKI post
- Details concerning collimation for various FOVs, and image data acquisition discussed
- Balance between dose and quality of exposure discussed; current text approved by Dr McNitt-Gray
- Text for breath hold requirements considered complete
- Instructions for patients during image acquisitions reviewed and considered complete
- Image headers and details that the technologist is to record deemed beyond the scope of the QIBA Profile
- Drs Mozley, Schwartz and Zhao may have data to support the 15% and 30% Claim language; further statistical input from Dr Kim would prove helpful

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:
 - Continue brainstorming for 2012/2013 NIBIB Funding Projects
 - Profile public comments and resolution to continue
- Next call scheduled for Monday, February 6th at 11 am CST