

QIBA CT Volumetry Technical Committee Update Call

13 August 2012 at 11 AM CDT (GMT-5)

Call Summary

In attendance:

P. David Mozley, MD (Co-Chair)	Marios Gavrielides, PhD	Sarah Sherlock, PhD
Lawrence Schwartz, MD (Co-Chair)	Gregory V. Goldmacher, MD, PhD	Daniel C. Sullivan, MD
James Conklin, MS, MD (Co-chair)	David Gustafson, PhD	Ying Tang, PhD
Samuel G. Armato, III, PhD	Philip F. Judy, PhD	Luduan Zhang, PhD
Maria Athelougou, PhD	Michael McNitt-Gray, PhD	
Andrew Buckler, MS	Kevin O'Donnell, MASc	RSNA:
Baiyu Chen, PhD	Nicholas Petrick, PhD	Joe Koudelik
David A. Clunie, MBBS	Ehsan Samei, PhD	Madeleine McCoy
Paul R. Garrett, MD	Guarav Sawhney, MBA	

NIBIB funded project updates—the following CT projects are all expected to meet the 9/30/2012 deadline

- Third-quarter deliverables were discussed
 - Drs. McNitt-Gray and Clunie plan to submit their project data the first week of September
 - Update t-cons open to the entire CT Volumetry TC need to be scheduled for both Dr Garg's Colorado and Dr Zhao's Columbia projects

QIBA CT Volumetry AdvDisease Profile v2.0

- Mr. O'Donnell to prepare a clean Profile copy for dissemination
 - Claim background and compliance sections require minor revision
 - Goal is to have approval for formal Profile release
 - Established procedures to be confirmed

NIBIB funded project update—Duke (Dr. Samei)

- Duke Project-Dr. Samei--Development of Assessment and Predictive Metrics for Quantitative Imaging in Chest CT
 - Goal of the project is to characterize 3-D measurement performance
 - 5-step process of precision to follow (e') to determine lesion volume estimation
 - Assessment of lesion volume is affected by the lesion shape
 - Abstract to be prepared for the Feb 2013 SPIE meeting, but final NIBIB report will be delivered by 30 Sept 2012

Next steps

- RSNA staff to follow-up with Columbia and Colorado project PIs to schedule update t-cons
- Mr O'Donnell to make final revisions and Wiki post the latest CT Profile (v2.2)
- RSNA staff to Wiki post the current Modality Committee Member list and forward the Profile to the voting members (i.e., CT Modality Ctte)
- RSNA staff to circulate Dr Samei's Predicated PCR Contour Plot as presented in his Duke project update
- Drs McNitt-Gray, Kim and Clunie to present "1B" project status update on the Sept 10th TC update
- August 27th t-con Agenda Items
 - Update on application for continued external funding
 - Early Stage Lung Cancer Profile Writing Group to spark initial conversations of this new workgroup