

QIBA CT Volumetry Technical Committee Update Call

04 June 2012 at 11 AM CDT (GMT-5)

Call Summary

In attendance:

P. David Mozley, MD (Co-chair)
Lawrence Schwartz, MD (Co-chair)
Hubert Beaumont, PhD
Andrew Buckler, MS
Barbara Croft, MD
Steven Federici, BS, RT
Kavita Garg, MD

Paul L. Garrett, MD
Richard Jacobs
Philip F. Judy, PhD
Hyun Grace Kim, PhD
Michael McNitt-Gray, PhD
Kevin O'Donnell, MASc
Nicholas Petrick, PhD

Michael Silver, PhD
Daniel Sullivan, MD
Ying Tang, PhD

RSNA:

Joe Koudelik
Madeleine McCoy

Dr. Mozley and Mr. Buckler reviewed the vCT Modality and Technical Committee action items from the May 23rd F2F meetings

- Dr. Judy to present technical groundwork overlaps between oncology and the COPD/Asthma committees on the June 18th t-con. Dr. Judy plans to outline all COPD/Asthma TC summer activities on his next TC call; all COPD/Asthma Tech Ctte members welcome to participate on this call.
- Team to discuss possible business models for QIBA on the July 2nd Tech Ctte call (e.g., based on ATCC) in efforts to generate funding for QIBA.
 - Dr. Mulshine to explain the ATCC business model to generate funds
 - Fee-for-Services, Fee-for-Artifacts, access to datasets to reflect curation costs, compliance testing, Profile generation...all possible sources of funding support.
- Closer QIBA/QIN coordination discussed; not clear best means to leverage both efforts; inviting QIN investigators to the poster session at the 2013 QIBA Annual Meeting proposed.
 - RSNA Staff to schedule a t-con with QIBA members participating in QIN and the QIBA Tech Ctte Co-chairs.
- RSNA Staff to schedule an ad hoc t-con between the QIBA Profile editors and committee chairs to discuss technical/Profile commonalities cross Tech Cttes.
- Dr. McNitt-Gray to reach out to Drs. Schwartz and Zhao to discuss the business model and technical components of the ACRIN and QIN accreditation process and identify any possible gaps.
- Mr. Buckler to draft text for a poll of the QIBA membership to gauge interest in:
 - a. Additional Quantitative CT features, e.g.,
 - i. Morphometry (shape, angle, geometric features)
 - ii. Densitometry (heterogeneity) (as a general capability, not just lung density)
 - iii. Multi-feature composites
 - b. Multi-modality transfer and harmonization
 - i. Volumes on MR, e.g., GBM
 - ii. TLG with PET lesion segmentations
- Drs. Sullivan and Schwartz to follow up concerning development of plenary and educational sessions at alliance/partner meetings, eg, CALGB.
- Dr. Mozley to work on the layout of action items for the QIBA Proffered Protocol.
- Dr. Sullivan to consider how best to consider chairing and staffing an activity for small masses (whether for screening follow-up, neoadjuvant clinical trials, or both):
 - RSNA Staff to work with Dr. Mulshine to coordinate setting a time that Dr. Reeves and new radiologists can meet as well as invite leaders from Japan, US groups, EU groups.
 - Dr. McNitt-Gray to reach out to a new physicist from the ACRIN/NLCST to help draft the proposed lung screening Profile; Denise Aberle, MD (UCLA) suggested; Profile draft expected by Dec 01, 2012.
 - Determine plans on building image warehouse and conducting analyses, challenges, or other activities as pursued in advanced disease activity.

Next Steps:

- Follow action items as summarized in notes above.