

QIBA CT Volumetry Technical Committee Update Call
12 August 2013 at 11 AM CDT (GMT-5)

Call Summary

In attendance:

Samuel G. Armato III, PhD (Co-Chair)

Gregory V. Goldmacher, MD, PhD (Co-Chair)

Hubert Beaumont, PhD

Andrew Buckler, MS

Barbara Croft, PhD

Matthew Fuld, PhD

James Mulshine, MD

Nicholas Petrick, PhD

Daniel C. Sullivan, MD

Ying Tang, PhD

Christian Tietjen, PhD

RSNA:

Fiona Miller

Julie Lisiecki

Madeleine McCoy

General Discussion

QIBA Project Updates for Next Round of Potential Funding:

- **Project 1:** Variability of CT volumetry in phantoms of hepatic and lymphatic metastases
 - Dr. Petrick shared a presentation comparing static liver phantoms.
 - T-con to be arranged with Msrs. Avila and Buckler and Drs. Goldmacher and Petrick to discuss phantom options.
- **Project 2:** A coffee-break study of liver lesions
 - Dr. Goldmacher provided an update on the recent pig liver model discussions.
 - The cost range for each pig model is between \$4K and \$30K depending on immune-suppression and lesion transplants.
 - Pharma companies may be able to provide expired Cyclosporine inexpensively.
 - Using 2 pigs for a pilot project would reduce the cost and help assess feasibility of a pivotal study.
 - The total cost would be approximately \$30K.
 - The goal of this project is to devise a dataset to be made available for independent analysis.
 - A PI to lead this project is still needed.
 - Dr. Goldmacher will look into the feasibility of working with existing projects at NIH Clinical Center.
 - Dr. Sullivan to provide contact information and direction.
 - Due to a conflict of interest with government funding being awarded back to NIH, associated costs could not be covered by NIBIB monies if contract is awarded.

Next Steps:

- T-Con between Drs. Goldmacher, Petrick and Msrs. Buckler and Avila to discuss phantom models to be scheduled by RSNA staff.
- Dr. Goldmacher to explore a collaboration with NIH Clinical Center

Next QIBA CT-VOL Tech Cttee t-con, Monday, August 26, 2013 at 11am (CDT).

RSNA 2013 Annual Meeting - QIBA Technical Committees Working Meeting:

- Wednesday, December 4th | 3:00pm – 5:00pm | Chicago, McCormick Place | Room: TBD
- Please let us know whether you plan to attend by responding to the following poll:
<http://www.doodle.com/fwf76ceggb78r75b>.
- We appreciate your continued support and look forward to your participation - Thank You!