

QIBA CT Volumetry Technical Committee Update Call

01 July 2013 at 11 AM CDT (GMT-5)

Call Summary

In attendance:

Gregory V. Goldmacher, MD, PhD (Co-Chair)
Hubert Beaumont, PhD
Andrew Buckler, MS
Barbara Croft, PhD
Paul R. Garrett, MD
Edward D. Helton, PhD

Michael McNitt-Gray, PhD
James Mulshine, MD
Kevin O'Donnell, MASc
Nicholas Petrick, PhD
Daniel C. Sullivan, MD
Ying Tang, PhD

RSNA:

Fiona Miller
Joe Koudelik
Madeleine McCoy

General Discussion

QIBA Scope with Budget Estimates for the Next Round of Potential Funding:

- A designated PI is needed for each project.
- **Project 1:** Variability of CT volumetry in phantoms of hepatic and lymphatic metastases
 - Dr. Petrick to enquire with NIST colleagues regarding potential interest in collaboration.
- **Project 2:** A coffee break study of liver lesions
 - Dr. Sullivan will continue discussions with Dr. Marin at Duke and request a cost estimate. Dr. Goldmacher to talk with Dr. Juan Sanabria at University Hospitals (Ohio) to discuss logistics and cost of utilizing animal subjects.
- **Project 3:** A comparative algorithm challenge using real patient data
- **Project 4:** Establishing the added value of pocket phantoms
 - A clear hypothesis and definition of end use to be determined.
 - Recommendation to reach out to Mr. Rick Avila with Kitware and Dr. Zachary Levine of NIST to gauge interest in participation.
- **Project 5:** Correlation of volume changes with survival data in the lung
 - FNHI is currently contacting Pharma companies to obtain data. This data may be available for multiple projects.
 - Group to define what is needed to move forward, including defined uses for data and possible legal implications.
- Next QIBA CT-VOL Tech Cttee t-con, Monday, July 15, 2013 at 11am (CDT).