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)  Michael McNitt-Gray, PhD
Hubert Beaumont, PhD  James Mulshine, MD
Andrew Buckler, MS  Kevin O’Donnell, MASc
Barbara Croft, PhD  Nicholas Petrick, PhD
Paul R. Garrett, MD  Daniel C. Sullivan, MD
Edward D. Helton, PhD  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
  o Dr. Petrick to enquire with NIST colleagues regarding potential interest in collaboration.
• Project 2: A coffee break study of liver lesions
  o 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
  o A clear hypothesis and definition of end use to be determined.
  o 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
  o FNIH is currently contacting Pharma companies to obtain data. This data may be available for multiple projects.
  o Group to define what is needed to move forward, including defined uses for data and possible legal implications.

• Next QIBA CT-VOL Tech Ctte t-con, Monday, July 15, 2013 at 11am (CDT).