

**QIBA CT Volumetry Technical Committee Update Call**  
03 June 2013 at 11 AM CST (GMT-6)

Call Summary

**In attendance:**

<b>Gregory V. Goldmacher, MD, PhD (Co-Chair)</b>	Philip F. Judy, PhD
<b>Lawrence H. Schwartz, MD (Co-Chair)</b>	Eric S. Perlman, MD
Hubert Beaumont, PhD	Nicholas Petrick, PhD
Barbara Croft, PhD	Daniel C. Sullivan, MD
Paul R. Garrett, MD	Binsheng Zhao, DSc
Edward D. Helton, PhD	Luduan Zhang, PhD

**RSNA:**

Joe Koudelik  
Madeleine McCoy

**General Discussion**

**Projects to be prioritized for the next round of potential funding:**

- Future projects to address knowledge gaps and provide data for Profile development should be chosen.
- High-yield projects need prioritizing if funding becomes available, bearing in mind that not all useful projects require funding; volunteer efforts have sustained QIBA projects in the past.
- **Project 1:** Variability of CT volumetry in phantoms of hepatic and lymphatic metastases
- **Project 2:** A coffee break study of liver lesions
  - Projects 1 and 2 are most directly related to Profile development.
- Project 2 generated discussion on whether to use human or animal (pig) subjects
  - A “champion” site and PI would need to be identified
  - Dr. Sullivan will follow up with Dr. Daniele Marin at Duke re: his interest in leading this clinical study. Substantial cost assumed for performing clinical scans using Duke Technicians was noted.
  - Dr. Goldmacher will contact Dr. Juan Sanabria at Case Western to discuss logistics and cost of utilizing animal subjects.
  - Dr. Schwartz to research the CT Perfusion parameters currently used at MD Anderson Cancer Center.
  - Drs. Goldmacher and Schwartz welcome feedback and project suggestions.
- **Project 3:** A comparative algorithm challenge using real patient data
- Next QIBA CT-VOL Tech Ctte t-con, Monday, June 17, 2013 at 11am (CDT).