

## QIBA Volumetric CT Technical Committee Update Call

October 17, 2011 at 11 AM CDT

### Call Summary

#### In attendance:

P. David Mozley, MD (Co-chair)  
Lawrence Schwartz, MD (Co-chair)  
Hubert Beaumont, PhD  
Andrew Buckler, MS  
Paul L. Carson, PhD  
Barbara Croft, MD  
Alden Dima, MS  
Charles Fenimore, PhD  
Kavita Garg, MD  
Philip Judy, PhD  
Andy Jurasz, MD, PhD  
Michael McNitt-Gray, PhD  
David Miller, PhD

James Mulshine, MD  
Kevin O'Donnell  
Nicholas Petrick, PhD  
Yuanxin Rong, MD, MPH  
Ann Scherzinger, PhD  
Neil Steinmetz, MD, JD  
Daniel Sullivan, MD  
David J. Vining, MD  
Binsheng Zhao, DSc

#### RSNA:

Joe Koudelik  
Madeleine McCoy

#### QIBA Poster for RSNA 2011

- Discuss the components of the QIBA VOL-CT Poster for RSNA 2011 Annual Meeting
  - Column 1 Bottom - Dr Petrick: 1A
  - Column 2 - Dr McNitt-Gray : 1B—May change the title
  - Column 3 - Dr Fenimore: 1C—May replace chart with a listing of ACRIN 6678
  - Column 4 Top - Dr Samei: Duke update
  - Column 4 Bottom - Dr Garg: Colorado update
  - Column 5 Top - Dr Athelougou: 3A—Remove “3A” from title
  - Column 5 Middle - Dr Zhao: 3B update
  - Column 5 Bottom - Mr O'Donnell: Profile detail
- Oct 18<sup>th</sup> morning deadline to submit material/ changes to Dr Mozley
- Discussion of including the WIKI URL for attendees to the poster to snap a screen shot into their i-Phones.

#### QIBA Profile Compliance

- 3 Actors involved
  - Imaging sites
  - People - users
  - Equipment/ systems
- Governance: RSNA/ QIBA could create a neutral, research-driven, safe harbor around quantitative imaging similar to ACRIN efforts with CT within clinical trials.
- QIBA may acquire financial resources by overseeing vendor compliance and offering this list to Pharma for specific clinical trials.
- Offline discussions and further t-con time proposed to discuss ACR/QIBA Compliance.
- Dr Barboriak's slide presentation on DCE-MRI Synthetic Data has ideas that may be applicable to CT volumetry as well: different figures of merit, but a framework that may generalize well to other biomarkers as well.
  - These ideas are complementary and mutually supportive of the previously distributed slide set “Approach to Compliance” by Mr. Buckler

### **QIBA Vol-CT AdvDisease v2 Public Comment Profile Feedback**

- Mr O'Donnell led a discussion describing the various priority levels of Profile comments
- Labeling and organization of comment levels (high/medium/low) was associated with the IHE and DICOM process; further discussions will be held at face-to-face meetings;
  - Dedicated time (f2f preferred) needed to further Profile editing
- Suggestion to designate 10 to 15 minutes on each Vol-CT Tech Ctte t-con Mr O'Donnell (Profile Editor) to provide a list of specific Profile comments to be re-read before each t-con.
- Dr Mozley to work with Mr O'Donnell to select the most pertinent comments for discussion on subsequent calls
- Dr McNitt-Gray to revise the Profile performance parameter table to meet Claim language
- Goal is to complete the VolCT Advanced Disease Profile by the end of 2011

### **Next steps:**

- Deadline for submitting 2011 poster material to Dr Mozley will be by Tuesday morning, Oct 18th
- The Oct 31st t-con will include a discussion with Mr. Avila on the Open Image Archives (OIA) User Requirements Document.
- Dr McNitt-Gray to revise the Profile performance parameter table to address the scan rate issue that appears to require 64 slice systems only
- The t-con schedule for November will resume weekly calls once more with each dedicating time to discuss the Profile.

### **RSNA 2011 ANNUAL MEETING ACTIVITIES-Chicago, McCormick Place**

- Special Interest Session- Quantitative Imaging Biomarkers for Clinical Care and Research  
Monday, November 28<sup>th</sup>, 4:30pm – 6:00pm, Room: TBD
- QIBA Technical Committees Working Meeting  
Wednesday, November 30<sup>th</sup>, 3:00pm – 5:00pm, Room: N136
- Please respond with your availability for the MTE at the RSNA 2011 Annual Meeting  
<http://www.doodle.com/gbzvi647e2udmg76>