

## **QIBA VOL-CT Tech Ctte (General Business) Update Call**

Monday, March 21, 2011 at 11 AM CDT

### Draft Call Summary

#### **In attendance**

Michael McNitt-Gray, PhD (Moderator)  
Hubert Beaumont, PhD  
Charles Fenimore, PhD  
Kavita Garg, MD  
Paul Garrett, MD  
David Gustafson, PhD  
Philip Judy, PhD  
Grace Kim, PhD  
David Miller, PhD  
James Mulshine, MD  
Kevin O'Donnell  
Nicholas Petrick, PhD

Lino Ramirez, PhD  
Samuel Richard, PhD  
Yuanxin Rong, MD, MPH  
Ann Sherzinger, PhD  
Daniel Sullivan, MD  
Ying Tang, PhD  
Jeffrey Toyes  
Hiro Yoshida, PhD

#### **RSNA**

Joe Koudelik

#### **General Discussion Items**

- RSNA Abstract Submission for various VolCT projects discussed
- Deadline to submit is 12 PM (noon) Central Time on March 31, 2011
  - Dr McNitt-Gray's 1B data may be ready: "Reader Results"
  - Data from Dr Fenimore's 1C project may be available: "How to Characterize Image Quality"
  - Dr Richard may provide data: "Predicting Volumetric Estimation of CT Systems"
- QIBA Funded Duke Project Overview (Dr Richard)
  - Kyoto LungMan phantom scanning results discussed
  - Reconstruction vs. iterative reconstruction algorithms discussed
  - Accuracy and Precision of algorithms studied
  - Noise used as predictor of precision
  - Noise and image resolution combined into a single metric attempted

#### **Next Steps**

- Dr McNitt-Gray to follow-up with Dr Fenimore (Group 1C) concerning abstract material submission to RSNA 2011
- Projects headed by Dr Garg and Dr Richard to consider joining the ranks of Groups 1A, 1B and 1C for additional Tech Ctte (group) support
- Next call scheduled for Monday, March 28, 2011 at 11 am CDT (focus: Advanced Disease Profile Authoring)