QIBA Quantitative CT Committee Update  
Monday, May 10, 2010  
11 AM CDT  

Call Summary  

In attendance  
Lawrence Schwartz, MD (co-chair)  
Maria Athelogou, MD  
Kristin Borradaile, MS  
Sung Chang, PhD  
Patricia E. Cole, PhD, MD  
Charles Fenimore, PhD  
David Gustafson, PhD  
Philip F. Judy, PhD  
John Lu, PhD  
Michael McNitt-Gray, PhD  
James Mulshine, MD  
Kevin O’Donnell  
Nicholas Petrick, PhD  
Antony P. Reeves, PhD  
David J. Vining, MD  
Binsheng Zhao, DSc  

RSNA  
Fiona Miller  
Susan Anderson, MLS  
Joe Koudelik  

Group 1A datasets  
- Continued discussion on cross-referencing data sets to Profile to address both clinical and technical needs and on reviewing acquisition parameters on current protocol draft  
- Dr Petrick and committee reviewed data sheets from phantom scan experiments  
  - The rows of data sheet correspond to DICOM headers and data that was tracked; all fields not necessarily reflected in Profile  
- General discussion of Acceptable, Target and Ideal values for fields such as slice interval (continuous or overlapping), contrast, dosing, spatial resolution and others  
- Decision to insert placeholders in Profile with explanation in text of pros, cons and potential issues; can state “we cannot make recommendation”  
- Interest in linking parameters to bias and variance; consider what would be useful to include in calculating an overall score  
- Indexing by technique followed by indexing by pathology (e.g. lesion size, etc.) would be of interest; Dr Petrick to work towards groupings based on 5mm slices for next call  

Next Steps  
- Dr Petrick to prepare groupings (such as by technique and by pathology) for continued discussion on cross-referencing Profile and 1A data sets (based on 5mm slices)  
- Next call scheduled for Monday, May 17 at 11 am CDT