

QIBA Volumetric CT Tech Ctte Update

Monday, June 13, 2011 at 11 am CDT

Call Summary

In attendance

Andrew Buckler, MS (QIBA Program Director)
P. David Mozley, MD (Co-chair)
Lawrence Schwartz, MD (Co-chair)
David Clunie, MBBS
Patricia Cole, PhD, MD
Charles Fenimore, PhD
Kavita Garg, MD
Paul Garrett, MD
Philip Judy, PhD

Hyun Grace Kim, PhD
Maria McAfee
Michael McNitt-Gray, PhD
James Mulshine, MD
Kevin O'Donnell
Nicholas Petrick, PhD
Ying Tang, PhD

RSNA

Joe Koudelik

QIBA VolICT Advanced Disease Profile

- Few remaining "To Do" items discussed
- "Aspirational" term to be changed to "consensus" in the Profile
- Claim statement discussed
 - Wordsmithing done; perfect language may not be possible yet
 - Leave Claim somewhat general; special assertions needed concerning image quality under certain conditions
- Radiation dose discussed
 - Trade-off in image quality for reduced dose
 - Caution to avoid radiation biology detail in Claim text
 - Acknowledge dose issues and provide general guidelines suggested
 - Confine scan to specific body region
 - Number of scans
 - Number of phases
- Noise discussed as a quality metric; caution that noise is still an undefined term
- Current modulation and iterative reconstructions discussed
- Protocol to eventually be made concurrent with Updated Profile

Next Steps

- Dr McNitt-Gray to help wordsmith the image quality/dose section
- 3 paragraphs of dose text needs consensus feedback within 72 hours to incorporate into the Profile; RSNA staff to distribute for feedback
- Acknowledgments section requires contributor confirmation before Public Comment phase
- Next call schedule for Monday, June 20, 2011 at 11 am CDT