

QIBA CT Volumetry Technical Committee Update Call

November 21, 2011 at 11 AM CST

Call Summary

In attendance:

P. David Mozley, MD (Co-chair)

Lawrence Schwartz, MD (Co-chair)

Maria Athelougou, PhD

Hubert Beaumont, PhD

Andrew Buckler, MS

Paul L. Carson, PhD

David A. Clunie, MBBS

Barbara Croft, MD

Alden Dima, MS

Heidrun Endt

Charles Fenimore, PhD

David Gustafson, PhD

Luna Hilaire, PhD

Philip F. Judy, PhD

Michael McNitt-Gray, PhD

James Mulshine, MD

Kevin O'Donnell, MASc

Guillaume Orioux

Nicholas Petrick, PhD

Anthony Reeves, PhD

Neil Steinmetz, MD, JD

Daniel Sullivan, MD

Ying Tang, PhD

RSNA:

Joe Koudelik

Madeleine McCoy

QIBA Vol-CT AdvDisease v2 Public Comment Profile Feedback

- Mr. O'Donnell began the discussion with comment #56
 - Dr. McNitt-Gray worked on the numbers to confirm the Profile Claim is mathematically sound (ie, 4cm/sec scan rate is appropriate)
 - A question arose concerning the slice thickness at 2.5mm
 - Drs. Schwartz and Zhao will provide current literature to affirm Profile Claim
 - Papers currently cited to support Claim by Revel et al (May 2004)
 - Slice thickness opened to 2.5mm with the understanding that the Claim may be weakened
 - Key point: Stay relevant to the field of clinical practice—the slice thickness cannot be below 2.5mm
- Line 194: The acquisition device shall be capable of performing the required:
 - Axial rate could be changed to table speed (or its equivalent rate of coverage of the anatomy)
 - Dr. McNitt-Gray to confirm table speed with AAPM terms
- #162, Line 258: Dr. Clunie to be prepared to discuss multiple lesions and the tooling informatics issue
- #161, Line 248: Suggested that the group look into the verification with automated tools

Next steps:

- Updated public comment summary to be WIKI posted addressing submitted content (y Mr. O'Donnell)
- Supporting literature from Drs. Schwartz and Zhao to be discussed on the next t-con or at the f2f at the Annual Mtg
- Dr. McNitt-Gray to work on #187
- Proposed Next call: December 5, 2011 at 11am (CST),
- RSNA 2011 ANNUAL MEETING ACTIVITES-Chicago, McCormick Place
 - Special Interest Session - *Quantitative Imaging Biomarkers for Clinical Care and Research*
Monday, November 28th, 4:30pm – 6:00pm, Room: E451A
 - QIBA Technical Committees Working Meeting
Wednesday, November 30th, 3:00pm – 5:00pm, (6:00pm optional) Room: N136