

QIBA Lung Nodule Assessment in CT Screening Writing Group

13 June 2013 at 3 PM CDT

Call Summary

In attendance:

Samuel G. Armato III, PhD (Co-chair)

James L. Mulshine, MD (Co-chair)

David S. Gierada, MD (Co-chair)

Rick Avila, MS

Andrew J. Buckler, MS

Philip F. Judy, PhD

Michael McNitt-Gray, PhD

David F. Yankelevitz, MD

Daniel C. Sullivan, MD

RSNA:

Joe Koudelik

Madeleine McCoy

Discussion Topics

- Dr. Yankelevitz discussed the incorporation of image acquisition parameters as outlined in the ***CT Lung Nodule CT Image Quantification Recommendations*** into the lung screening Profile.
- Scope of Profile claim language was discussed re: screening CT dose parameters
- Two goals for this Profile were identified:
 - QIBA – improvements in quantitative imaging
 - The International Association for the Study of Lung Cancer (IASLC)- a broader, more general use based on a tiered approach for profiles/protocols regarding performance levels: target/acceptable/ideal
- Profile should address (1) viewer detection, i.e., become a world-compatible process, and (2) improve quantitative imaging (an aspirational goal)
- Mr. Avila offered to develop the first Claim draft based on quantitation, eventually being supported by groundwork /literature data
- The timetable established will be followed to achieve the Profile Public Comment review deadline of September 2013.
 - By 6/27: changes made to the profile text by Drs. Yankelevitz, Reeves and Mr. Avila, sending the revised version to the group.
 - By 6/27: iteration for refinement by team as well as identification of any other areas needing to change with assignments on who will change them.
 - By 7/25: assigned parties to make their changes in the profile text and sent to the group for review.
 - August 8th final review of the Profile before Public Comment Phase begins.

Next steps

- The latest profile from Dr. Gierada will be posted to the WIKI and Dr. Yankelevitz will insert the image acquisition parameters.
 - http://qibawiki.rsna.org/index.php?title=CT_Volumetry_tech_ctte
- The next t-con will be Thursday, June 27th at 3 PM (CDT)