

## QIBA CT Volumetry Biomarker Ctte (BC) Call

11 September 2017 at 11 AM CT

### Call Summary

In attendance:			RSNA:
<i>Ehsan Samei, PhD (Co-Chair)</i>	Philipp Hoelzer, PhD	Kevin O'Donnell, MASc	Joe Koudelik
Samuel Armato, III, PhD	Edward Jackson, PhD	Eric Perlman, MD	Julie Lisiecki
Rick Avila, MS	Yongguang Liang, PhD, DABR	Nicholas Petrick, PhD	
Andrew Buckler, MS	James Mulshine, MD	Marthony Robins, PhD	
Charles Fenimore, PhD	Jayant Narang, MD	Ying Tang, PhD	
David Gierada, MD	Nancy Obuchowski, PhD	Pierre Tervé, MS	

**Moderator:** Dr. Jackson (as BC co-chairs were not available at the start of the call)

#### Small Lung Nodule Profile Discussion:

- Since two BC co-chairs were unavailable, and one could not join the call until after many of the discussions concluded, a follow up call to discuss the data in support of the Small Lung Nodule profile compliance section is being planned
- Mr. Avila presented his recent findings
- There was a request from the Small Lung Nodule (SLN) Task Force that any specific issues regarding conformance procedures be very specifically stated, not as open-ended questions
- The goal of the task force is to get this Profile out in a timely manner, as lung cancer screening is a hot topic in the imaging community, and this is a critical opportunity for QIBA to be involved
- It was suggested that the specific questions posed by Drs. McNitt-Gray and Samei be addressed in writing, e.g., a response email; however, it was also pointed out that the answers to some of the questions were already addressed in the Profile and referenced publications and presentations
- A desire to balance the academic goal (best possible image quality metric assessments) with a practical process and approach (impact on the field) is needed to reach consensus and to move the Profile forward
- One more WebEx meeting will be held to discuss the data, to involve the individuals who were part of the CT Vol BC Physics Review and the Task Force Physics Review, along with Mr. Buckler, Mr. O'Donnell, and the QIBA chair and vice chair, if possible
- Dr. Jackson to distribute Dr. McNitt-Gray's comments (received early morning on 9/11) to the SLN Task Force
- Other issues brought up were as follows:
  - There has been no dispute over the claims in the Profile
  - Noise does not significantly impact segmentation
    - It is possible that the noise requirement may even be dropped
  - Issues with conformance procedures need to be resolved, as the method proposed is one of many that could be used
    - It is also possible that the proposed conformance procedure could exceed the need for the claims of the Profile. While providing very helpful and useful data to the committee at large, some of the proposed measures may not be needed for this specific Profile.

**Next Call:** TBD via doodle poll: <http://doodle.com/poll/vur646rywz6rx8tk>

**SAVE-THE-DATE:** QIBA Working Meeting at RSNA 2017 | Wednesday, November 29, 2:30-6 pm – Lakeside Center

