

## QIBA CT Volumetry Biomarker Ctte (BC) Call

14 December 2015 at 11 AM CT

### Draft Call Summary

#### In attendance:

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

Gregory Goldmacher, MD, PhD, MBA (Co-Chair)

Andrew Buckler, MS

Heang-Ping Chan, PhD, FAAPM, FInstP

Charles Fenimore, PhD

Ritu Gill, MD, MPH

Lubomir Hadjiyski, PhD

Rudresh Jarecha, MBBS, DNB, DMRE

Roland Mieziako, PhD

Nancy Obuchowski, PhD

Michael O'Connor, PhD

Kevin O'Donnell, MASc

Eric Perlman, MD

Marthony Robins, PhD

Ying Tang, PhD

Chuan Zhou, PhD

#### RSNA:

Joe Koudelik

Julie Lisiecki

#### Update from Breakout Sessions at QIBA Meeting, RSNA 2015

- Two presentations from the Breakout Session were:
  - Dr. Mulshine summarized remaining claim issues for clinicians
  - Mr. Avila presented a suggestion for an online calculator to help make the Profile more user-friendly for physicians, thus increasing Profile usage
    - This type of tool makes an assessment utilizing simple feedback from provided data elements
      - In context of the small nodule calculations, this could be a very useful tool, though some intricacies must be resolved
      - In general, this would be a much easier and more efficient way to quantify lesion change
    - Group to determine whether a similar tool exists that could be used for the CT Volumetry Profile, using volume measurements
- Dr. Obuchowski suggested that different coefficients of variation could be used depending on lesion sizes and shape configurations

#### State of the Profile

- To continue moving forward, the following ideas were suggested and will be further discussed on January 18<sup>th</sup>
  - Setting of milestones for Profile release / publication: Mr. O'Donnell to add any additional necessary requirements for analysis to the Profile for BC review and comment prior to the next call on January 18<sup>th</sup>
  - Consideration to forgo the Field Test / Technically Confirmed phase (step 3) by elevating the Profile Public Comment phase (step 2) status, and releasing the Profile for public use at this new "publication" or public release phase
    - While it is possible that some funds may be available for a Field Test, this has not yet been confirmed, though Dr. Sullivan is to follow up regarding potential NIH resources
  - A "registry" approach was another suggestion for moving the Profile forward
    - This may involve the use of consensus standards which are not quantitatively-supported, and would require revision to the claim language
    - Scans would be collected that are a) acquired in a way that is Profile-compliant and b) helpful to QIBA in terms of evaluating whether Profile-compliant scans meet the claim
    - This approach would allow for QIBA statistical design and analysis related to the data collection effort
      - Substantial and targeted marketing would be needed to alert the community that this is happening, and hopefully drive data submission
      - Support of the Process Committee would be needed
- These topics and others will be discussed beginning in mid-January prior to any official action

**Action item:** Mr. O'Donnell to update the Profile for BC comment and review prior to the next call on January 18<sup>th</sup>

**Next Call:** Monday, Jan. 18<sup>th</sup> at 11 am CT | 2016 planning and review of RSNA 2015 discussions at QIBA Working Meeting  
Review of the Profile and Next Steps