Plan to Release Profile for Lung Nodule Volume Assessment and Monitoring in Low Dose CT Screening

- Rather than delay release for Public Comment, the Profile will not be converted to the newer template developed by the Process Committee.
- Strides in lung cancer screening have been made with the newly approved CPT codes for reimbursement.
- Steps toward release for Public Comment will be as follows:
  1. The Lung Nodule CT Screening Task Force will vote for release to the CT CC.
  2. The QIBA CT Coordinating Committee will vote to release via email using QIBA-provided forms.
- Alignment with the CT Tumor Volume Change for Advanced Disease (CTV-AD) Profile would be ideal; however, editing text that is unnecessarily different could be very time-consuming.

Remaining Open Issues for the CT Tumor Volume Change for Advanced Disease (CTV-AD) Profile:

- **Numbers table**: The greater the measurement reproducibility, the lower the bias must be.
  - Dr. Petrick will update the numbers table and clarify the location of the “lung-man” data.
  - It would be helpful if this data could be posted to a location where it would be permanently accessible for future users of the Profile.
  - This will be used to test how measurement-related algorithms perform for conformance.
  - Unfortunately, the RIDER data was acquired on an “older” scanner several years ago, not used by many now.
  - As the claim is provisional, based on the lung, and supported by RIDER data, this impedes the ability to compare to “ground truth”.
  - There is no existing scanner protocol that matches or uses the same Q-user performance specs.
  - RIDER data to act as Profile conformance data, but has limitations.
  - Leadership to follow up with Drs. Schwartz and Zhao regarding how the RIDER data was originally acquired.
  - Request will be considered for RIDER data (test / re-test coffee break study) from the Cancer Imaging Archive to be moved to the QIDW.

Action items (CT Tumor Volume Change for Advanced Disease (CTV-AD) Profile):

- Co-Chairs to decide if wording for Google form survey is ready to send with the latest Profile and authorship list.
- Dr. Goldmacher to email the CT Volumetry BC with brief explanation and link to Google form survey.
- Mr. O’Donnell to draft some questions for the SME reviewers regarding how to shape the scope of the Profile.
  - Does the RIDER data match/support the Profile?
- Dr. Siegelman and Mr. Buckler will review the draft text prior to sending to reviewers with the draft Profile.

Next Call: Monday, May 23rd at 11 am CT | Profile review | Next steps