QIBA COPD/Asthma Technical Committee (TC)

March 27, 2013 at 2 PM CT

Call Summary

In attendance		**RSNA**
Philip F. Judy , PhD (Chair)	Ella Kazerooni, MD	Julie Lisiecki
Paul Carson, PhD	Joshua Levy	
Heather Chen-Mayer, PhD	David Lynch, MB	
Barbara Croft, PhD	Daniel Sullivan, MD	
Bernice Hoppel, PhD	Eva van Rikxoort, PhD	

Agenda COPD/Asthma Technical Committee
3/27/2013

1. Experience with image data warehouse
2. Possible image data upload into warehouse
    a) Tube potential effect
    b) Tube current experiments
    c) Centering of phantom
3. Recycled posters for QIBA Annual Meeting
4. Specification of acquisition parameters

Discussion topics:

1. Experience with image data warehouse

- Mr. Connell and Dr. van Rikxoort confirmed successful data uploads to the image data warehouse
- Dr. Fain has expressed interest in facilitating the image warehouse activity.

4. Specification of acquisition parameters

- Dr. Judy indicated that stronger wording is needed in the 3/13 summary regarding contrast, i.e., "The use of contrast is prohibited."
- Specific written breathing instructions are to be included in the Profile.
    - More information is needed regarding timing, e.g., "the 10-second breath hold"
    - Using a **range** for the breath hold measurements was suggested with possible "target," "acceptable," and "ideal" levels
        - More discussion is needed regarding measurement range
        - All items within the performance specifications table are linked with reconstruction parameters and how to calibrate them
        - The dose cannot be too high or too low

Other considerations:

- More discussion needed regarding emphysema measures and the down-side of specifying the data collection diameter, or Field of View

Action items:

- Dr. Judy to follow up with Dr. Fain regarding current modulation data
- Dr. Judy to update technical specifications based on 3/27 discussion.
- Group to identify critical performance specifications; input welcome: philipfjudy@philipfjudy.com.
    - For next call: Focus on emphysema measures and reconstruction issues

Next call: *QIBA COPD/Asthma Update Call,* ***Wednesday, 2 pm CT, April 10, 2013***