VOL-CT Phantom Study Protocol (Part 1A) Update
Thursday, November 13, 2008
12:00 pm, Central Standard Time

In attendance:

Nicholas Petrick, PhD
Rick Avila, MS
Wendy Hayes, DO
Susan Anderson (RSNA)
Joe Koudelik (RSNA)

General Discussion

Goal is to finalize the protocol for the Proposed 1A Project and prepare for sign-off

Participants reviewed slides and made revisions:

- remove the 3-D hand segmentation from the first study
- statistician involvement not required for beta test; not going to size the trial for specific effect or significance
- discussion of "semi-automated" 3D volumetric measure and implications of narrowing to ROI/areas for reader variability
- discussion of scan thickness values; include 0.75 mm slices
- discussion of software: Dr Hayes agreed to talk with Dr. Ford at RadPharm re: standard PACS interface
- discussion of number and timing of reader sessions and tools needed.
  is there a need for time restrictions or instructions for reader sessions?
- not much inter-reader variability expected
- data collection is progressing; estimate completion by end of month
- note that open source software is one option
- a lesion sizing tool is expected by the end of December (Mr. Avila)
- consider adding minimum limits for software

Action items

- Please provide feedback by 11/20/08 on the revised slides; Joe Koudelik will send to group. This will be the "final" 1A project outline that we as a group will

forward to full QIBA for discussion. I'd like to make sure everyone is in basic agreement before we discuss with full QIBA.

- I am not currently planning on a call for Thursday 11/20/2008 unless I hear about significant outstanding issues by Wednesday 11/19/2008.