QIBA Process Committee Call
Wednesday, August 9, 2017 at 3 PM CT
Call Summary

Attendees: **RSNA Staff:**

Kevin O'Donnell, MASc (Co-Chair)   Alexander Guimaraes, MD, PhD   Nancy Obuchowski, PhD   Joe Koudelik

Daniel Sullivan, MD (Co-Chair)   Edward Jackson, PhD   Julie Lisiecki

Susan Weinmann

Review of the QIBA Assessment Procedure Guidance Document

- Located on the QIBA Wiki at: http://qibawiki.rsna.org/index.php/Assessment_Procedure_Guidance
- The original purpose of this document was for testing statistical assumptions underlying the Claim(s) and for testing the composite performance of a site to compare it against the Claim(s)
- Work has continued off line by Mr. O'Donnell & Dr. Obuchowski
  - Updates made by Mr. O'Donnell & Dr. Obuchowski were reviewed
  - Initial guidance and assessment procedures updates made by Dr. Obuchowski

- Review on call of first 3 paragraphs
  - Many groups are making assumptions that a 10% variation in measurement based on one dataset is statistically sufficient (Dr. Obuchowski)
  - More formal test to be required which will take into account sample size and how far the results are from 10% with a 95% confidence interval

- Additions to be made to Section 1: (related to Claim development)
- Common guidance will be provided for assessing actor performance that is related to statistical assumptions underlying the Claim and any other actor performance requirements.
  - Not assessing Claim, but rather assessing assumptions underlying the Claim

- To add "assessing a Technical Performance Claim" section: Discussion on Technical Performance Claim (for Profile Stage 4)
  - Does not test Claim; tests assumptions underlying Claim
  - Will need to know bias and linearity

- Mr. O'Donnell to accept changes, make edits as discussed and send to Dr. Obuchowski
- Dr. Obuchowski to confirm or rewrite info, then proceed to 2.2 Bias Section

- ➢ **If you plan to attend the 2017 RSNA Annual Meeting, the QIBA Working Meeting will be held on Wednesday, November 29, 2017, 2:30 – 5 PM**

Next Call: TBD