

QIBA Process Committee
Wednesday, June 15, 2016 at 3 PM CDT
Call Summary

Attendees:

Kevin O'Donnell, MASc (Chair) Nancy Obuchowski, PhD
Brian Garra, MD Eric Perlman, MD
Edward Jackson, PhD

RSNA Staff:

Fiona Miller
Joseph Koudelik
Susan Weinmann

Claim Guidance Document Review - continued (Mr. O'Donnell)

- A worksheet for developing a plan for actors to test conformance with the Profile Claim is currently being used by Dr. Obuchowski with CT Volumetry and Amyloid groups
 - A final step in testing conformance is the evaluation of the site's ability to achieve the performance stated in the claim.
 - All assessment procedures for a Profile should appear in chapter 4 of the Profile. CT has not yet written one for claim conformance but would like to.
 - For the last actor in the biomarker chain, this same assessment procedure can be a useful conformance test if suitable input data is available to that actor.
 - Step 1: Identify test data for evaluating actor's precision (i.e. repeatability).
 - Another option would be to require the actor to generate test data.
 - Step 2: Specify minimum number of subjects needed to evaluate precision
 - Step 3: State the methods for estimating actor's precision
- The suggestion was made to survey imaging physicians regarding choosing relevant performance metrics in order to complete table and better support the claim
- If Step 5 (determining clinically useful performance threshold) in the Claims Guidance document is completed, then the biomarker has a clear clinical use-case
- A draft of a Claim statement was shown to demonstrate that ground truth is not always needed; actors can be calibrated within a value range: this will be discussed on a future Process Cmte call
- Mr. O'Donnell has been invited to join the next Amyloid BC call
- Mr. O'Donnell to post the latest Claim Guidance document to QIBA wiki
- Dr. Jackson encouraged all cmte members to review Mr. O'Donnell's changes to the wiki
- For future discussion by the Process Cmte:
 - Developing a formal process for retiring a task force or biomarker committee
 - Profile publication opportunities

Next Call: Wednesday, June 29, 2016 at 3 PM CDT