

QIBA Process Committee Call
Tuesday, March 6, 2018 at 3 PM CT
Call Summary

Attendees:

Kevin O'Donnell, MASC (Co-Chair)
Daniel Sullivan, MD (Co-Chair)

Nancy Obuchowski, PhD
Eric Perlman, MD

Nicholas Petrick, PhD
Brian Zimmerman, PhD

RSNA Staff:

Joe Koudelik
Susan Stanfa

- Guidance for Profile Authors Drafting Statistical Assumption and Composite Performance Assessment Procedures The latest draft is located on the QIBA Wiki at:
http://qibawiki.rsna.org/index.php/Assessment_Procedure_Guidance
- Review of Section 2.2.2 “Procedure Guidance: Bias Profile”
 - Focusing on bias is the goal
 - The user should have a good understanding of the characteristics of the bias of their biomarker and how it varies over different measurement targets (i.e. the biomarker’s bias profile)
 - Knowing the bias of biomarker measurements helps guide decisions on formulating Claims
 - Dr. Obuchowski sketched a figure in Section 2, illustrating linearity, bias and slope for the Amyloid DRO-based approach
- Dr. Obuchowski drafted figures for Section 3.1: Bottom-Up Threshold Selection Approach and Section 3.2: Top-Down Threshold Selection Approach
 - Rationale behind choosing top-down vs. bottom-up approach to be included
 - Dr. Obuchowski converted the examples in Section 3.1 into a table focusing on the study design required to estimate Actor precision (and thus might provide reasonable thresholds for Actor requirements in the Profile)
 - Review of table; updates made
- Mr. O’Donnell to edit the document based upon feedback from the Process Cmte and send it to Dr. Obuchowski
- Review of Dr. Obuchowski’s tables to be conducted during the March 20 call

Review of QIBA Process Pages on QIBA Wiki

- QIBA Process-related pages on the QIBA Wiki were reviewed and briefly discussed
 - Guidance for the following aspects of QIBA committee procedures can be found at:
http://qibawiki.rsna.org/index.php/Committee_Procedures:
 - Meeting Procedures
 - Voting
 - Email Ballot
 - Consensus Process
 - Committee Leadership

- Discussion on the clarity of instructions on QIBA Wiki “Publication Process” page at: http://qibawiki.rsna.org/index.php/Publication_Process occurred; roles of Profile authors and RSNA staff are specified
- Review Process QIBA Wiki page: http://qibawiki.rsna.org/index.php/Review_Process
 - Biomarker Committee assigns/recruits subject matter experts/reviewers for Profile sections
 - Internal Profile review for a suggested period of two weeks
 - An eBallot is sent to eligible BC voters who confirm that all detailed contents are correct and the Profile meets the criteria for the stage
 - An eBallot is sent to CC voting members who confirm that the Profile claims are on target, and perform a high-level overview
 - The balloting process can be found on the QIBA Wiki at: http://qibawiki.rsna.org/index.php/Balloting_Process
 - Negative votes result in further discussion to reach a compromise or resolution as stated at: http://qibawiki.rsna.org/index.php/Consensus_Process
 - Voting results to be captured in call notes and made public on QIBA Wiki
 - Mr. O’Donnell to draft guidelines for addressing negative votes and related issues
- The Voting Process page is located at: http://qibawiki.rsna.org/index.php/Voting_Process
- Instructions for how to write a QIBA Profile can be found at: http://qibawiki.rsna.org/index.php/How_to_Write_a_Profile
- The QIBA process is described at: <http://qibawiki.rsna.org/index.php/Process>
- Mr. O’Donnell to update process pages based on Process Cmte member feedback
- There was a discussion regarding methods for bringing QIBA leadership up-to-date with committee procedures; suggestions included:
 - Presenting the content directly on BC or CC calls, which might resonate more effectively than emailing a reading assignment
 - Briefly mention the information during the Process Committee Report and Discussion agenda item during the May QIBA Annual Meeting
 - Schedule familiarization session t-con with RSNA staff
 - RSNA staff to poll QIBA BC leaders and Profile editors for dates for 1-2 “Process Update” t-cons

Other Business

- Suggestion to provide front page access to Profile datasets on the QIDW; purpose would be to make content more visible and insure against buried and/or broken links to datasets

Next Call: Tuesday, March 20, 2018 at 3 PM CT