

QIBA Process Committee Call

Tuesday, August 18, 2020 at 2 pm (CT)

Call Summary

Attendees:

Kevin O'Donnell, MASC (Chair)

Michael Boss, PhD (Vice Chair)

Alexander Guimaraes, MD, PhD

Nancy Obuchowski, PhD

RSNA Staff:

Joe Koudelik

Susan Stanfa

Public Comment Resolutions Process Review

- Official Profiles (i.e., versions approved by BC and CC voting members) are published on the [Profiles page](#) of the QIBA Wiki
- As a prerequisite for entering Stage 2: Consensus, each BC is to submit their public comment resolutions document to staff to post on the [Public Comment Resolutions page](#) of the QIBA Wiki
- Staff have solicited groups for missing documents
- When the Profile public comment period expires, staff to update Profiles wiki page to note that the public comment period has closed
 - “Resolving Feedback,” status to appear after a public comment period is closed (until the resolutions document has been submitted to staff for posting)
 - Extra placeholder row to be added on the Comment Resolutions table/page for the Profile and the Consensus Profile to be linked

QIBA Guidance Document (QGD) Process Review

- Since the CT COVID-19 QGD is modality-specific, the CT CC has reviewed and approved its release
- Consensus was that the EC/SC should also review and approve QGD release
- A QGD would not include a performance claim or formal conformance requirements and would not be constrained to the common structure of a QIBA Profile
- A QGD could provide recommendations/best practices related to imaging procedures and associated patient handling, device qualification, etc. that is conducive to quantitative image analysis
- There was concern that QGD publication efforts may divert a BC from Profile development progress, as well as reduce community interest and engagement in QIBA Profiles (primary QIBA work product); discussion needed re: whether the benefits would merit this risk
- A QGD may be proposed to address image quality issues that warrant special attention; this may not occur very often (e.g., a new disease, such as COVID-19 calls for guidance, but existing disease might be more stable/covered)
- When deciding whether to pursue a QGD, the EC/SC will consider the resources the TF would require and its priority relative to the other Profiles in progress, as well as the potential marketing benefit to QIBA in having such guidance published
 - No summary notes would be provided as TFs would operate as informal, short term working groups created to meet a specific goal
 - Other staff support would still be needed (e.g., schedule coordination, initiating/hosting WebEx calls, document distribution, managing ballots, compiling public comments (if desired), etc.)
 - Once the QGD is approved and published, the TF would be dissolved, but may be reconvened to address feedback or update the doc

- Benefits of publishing QGD were discussed
 - Opportunity for QIBA members to help improve acquisition of quantitative (compatible) data, even if just formatting/data handling
 - Institutions may begin using quantitative imaging protocols recommended by QIBA member experts
 - Marketing and publicity that QIBA desperately needs; draw attention to QIBA Profiles
- It is recommended that TF membership include a breadth of expertise appropriate to the subject and scope of the guidance (i.e. similar to a BC)
 - TF membership ideally includes representation from radiologists, clinical specialists, physicists, equipment/SW vendors, technologists, etc.
 - It was agreed that TF size would depend upon needs
- Discussion re: the need to clearly differentiate between QIBA Profiles vs. Guidance Docs
 - It would probably be best if a QGD had different formatting to avoid confusion with QIBA Profiles
 - A QGD could be a “summarized Profile;” the recently published FDG-PET white paper was referenced
 - Concern that imaging community might embrace the easy-to-digest QGD and disregard the greater performance benefits of Profiles
 - The goal is to be judicious re: QGD proposals and several checkpoints will be built into the process
- The SC/EC to consider whether a QGD would undergo peer review and journal publication (more formal process) vs. declining the paper as a QGD, but it can still be posted on the QIBA Wiki (less formal process)
- It was noted that the QGD process is not intended for typical white papers authored by BC members based on QIBA work

Action Items

- Staff to remind MRE and Small Lung Nodule BC Profile editors to submit their comments resolution document for staff to post on the [Public Comment Resolutions page](#) of the QIBA Wiki
- Mr. O’Donnell to update the QIBA Guidance Document Process Wiki page in preparation of the Aug. 20 SC meeting
- SC agenda to include a discussion item re: whether benefits of publishing QGDs would merit the various concerns
- Process Cmte members were asked to review the “Intended Audience” bulleted list offline

Next Process Cmte Call: Tuesday, September 1, 2020 at 2 pm CT (1st & 3rd weeks of each month)