

QIBA Process Committee

Tuesday, June 1, 2021, at 2 pm (CT)

Call Summary

Attendees:

Kevin O'Donnell, MASC (Chair)

Michael Boss, PhD (Vice Chair)

Alexander Guimaraes, MD, PhD

Kay Pepin, PhD

Nicholas Petrick, PhD

Daniel Sullivan, MD

RSNA Staff:

Joe Koudelik

Susan Stanfa

Relationship between Site Practices and Performance at each Profile Stage

- Mr. O'Donnell reviewed the diagram to illustrate and clarify the nuances of Profile development (QIBA) vs. site (end user) conformance, which was discussed during Q2 Coordinating Committee meetings
- QIBA Profile Claims, values, procedures, and requirements in stage 1 or 2 Profiles are typically based on untested Claims; checklist requirements are not yet stable, and changes may be needed
- Descriptions of the performance Claim status of, "educated guess," was updated to the more scientific/rigorous term, "hypothesis"
- With advancement from stage 2 to 3, Profile requirements that are "believed practical" evolve to "tested practical" and the Claim is still only a hypothesis; when progressing from stage 3 to 4, requirements remain "tested practical," but the Claim has now been "demonstrated possible"

QIBA Profiles: Success Factors and Challenges Assessment

- The goal is to solicit feedback from BCs on various Profile-related topics, including BM selection criteria, onboarding process for new BCs, Profile development and milestone tracking, Profile adoption, etc.
- Process Cmte members to discuss these key topics and determine how information should be assessed with a survey form; the resulting input from all BCs will eventually be used to modify QIBA processes
- Some biomarkers lend themselves to Profiling and others do not, i.e., some Profiles develop and advance quickly with minimal resources needed; the process for determining this during BC selection to be refined
- Discussion needed on whether more CC oversight and guidance is needed to maintain BC momentum
- To determine which advice and resources would be most helpful for providing crucial information to new BCs
- The proposed Profile restructuring strategy will be presented to BCs
- The most critical BC onboarding period was defined as the first six months; this is an opportunity to help new BCs properly begin the Profile-writing process
- BCs will be asked to describe their literature search processes and metaanalyses; variability in methods will be assessed, and pros and cons of differing approaches will be determined in efforts to standardize the process
- Full detail from this discussion can be found on the ["QIBA Profiles - Success Factors and Challenges" Google Doc](#)

New BC Membership and Funding Opportunities

- Dr. Pepin reiterated the importance of engaged BC leadership and Profile editors to maintaining momentum
- Recommendation to identify QIBA members committed to seeking groundwork project funding opportunities; this effort could be under the purview of the QSIC or could occur within an ad hoc group (BC involvement will be essential in either case)
- Discussion regarding the next f2f opportunity for QIBA members
 - The next in-person meeting is expected to occur during the [2021 RSNA Annual Meeting in Chicago](#)
 - The next in-person QIBA Annual Meeting is planned for April 6-7, 2022 (at RSNA HQ)

Action items

- PC members were encouraged to add additional information to the [“QIBA Profiles - Success Factors and Challenges” Google Doc](#)

Next Process Cmte Call: Tuesday, June 15, 2021, at 2 p.m. (CT)