

QIBA Process Committee
Wednesday, April 6, 2016 at 3 PM CDT
Call Summary

Attendees:

Daniel Sullivan, MD (Chair)
Cathy Elsinger, PhD
Brian Garra, MD

Alexander Guimaraes, MD, PhD
Edward Jackson, PhD
Lisa Karam PhD

Nancy Obuchowski, PhD
Eric Perlman, MD

RSNA Staff:

Joseph Koudelik
Susan Weinmann

Process/Best Practices for Initial Literature Search around a New Biomarker/Profile

- A need for guidance with literature searches has been identified for QIBA groups, specifically as the DCE TF has begun to conduct theirs
- Aim is not to push for standardization in the literature search process, but to provide recommended steps for a thorough, yet efficient process across all modalities
- QIBA groups find data in existing articles and/or identify knowledge gaps in order to plan a groundwork study to inform Profile Claims
- There is a unique challenge with DCE and DWI in regard to a large scope of data due to multiple organs/sites, resulting in a more daunting literature search
- The DSC TF is also in need of literature search guidance
- QIBA groups have found that it is a challenge to track literature review progress and they have looked into tools for this
- Cross-modality guidance is needed for selecting quantitative literature search metrics
- The DCE TF is working on a cross-modality Round-6 Project (Dr. Laue, et al.)
 - The DCE & DSC TFS have collaborated extensively during DCE's literature review
 - They are devising a tool set that may be beneficial from other QIBA groups
 - Sharing methodology results
- Next steps
 - The DCE cross-modality project will answer many of the questions of the Process Committee
 - Round-6 projects to be reviewed on the June cross-modality leadership call

Checklist – Profiles

- Currently under discussion in FDG-PET BC
- Assessing feasibility test
- Best location for checklist is being explored:
 - Included in specifications in body of Profile
 - In Profile appendix
 - As separate document
- FDG-PET BC favors the location of the check list in the appendix

- Concern was expressed regarding relationship between checklist and conformance statement
- The Process Committee to observe how QIBA groups navigate this issue and do not plan to step in at this time

Publishing Profile Documents

- Discussion occurred regarding methods for publishing QIBA Profiles and some ideas were:
 - Prepare paper on QIBA TF activities and give Profile as one of the TF's output activities
 - Abridged version of a Profile (or UPICT Profile) instead of full Profile document
 - QIBA monograph: printed reference document/user manual
 - Technical white paper
- Length of Profile is an obstacle to being printed as a technical document
- May publish an abridged version of a Profile and link to full-length document
- Dr. Kinahan is leading a development of a manuscript for FDG-PET to introduce QIBA and the Profile in context of QIBA's goals; not analogous to UPICT (which is only a summary of protocol)

Next Call: Wednesday, May 4 at 3 PM CDT