

QIBA Communications Committee (QCC) Leadership Planning Call

26 August 2022 at 11 AM CT

Call Summary

Notes provided by Dr. Smith

In attendance

Anne M. Smith, PhD (Co-Chair)

Gudrun Zahlmann, PhD

RSNA

Joe Koudelik

Julie Lisiecki

Planning call

August 26, 2022

Looking at Gudrun's slides from the last meeting, we decided to prioritize these groups:

1. Head of Radiology Departments

- a. Build materials to answer, "What's in it for my department?"
- b. Dr. Ehman's MRE video may be some help
- c. Will ask Rich Wahl to help out with this group

2. Clinical Trials

- a. Work with NIMBLE (US Shear wave), GABLE, IROC, etc.
- b. Prepare a questionnaire to understand how QIBA and Profiles help
- c. Goal is to develop a QIBA success story (stories)
- d. Will ask Dawn, Kay Pepin and Pat Cole to help out with this group

3. Metric Companies

- a. RadSite, EARL
- b. Examples that can be shown to improve patient care
- c. Learning by doing
- d. Include AI companies if this makes sense
- e. Gudrun already heading this effort

4. AI

- a. Focus more on post-processing, work to automate this as much as possible
- b. Longitudinal follow-up (e.g., tracking PET lesions before and after treatment) is a good parallel with many of our QIBA Profiles, whose Claim is often longitudinal in nature
- c. Caroline already heading this effort, Maria may help

Other notes:

- Majid and Anne should review the QIBA RSNA 2022 posters, from a Communications point of view
- Imaging Students/Resident QIBA workshops already underway for 2023
 - o Working with EIBALL on this

Slides (Dr. Zahlmann):

Target groups	Information needs	QIBA
General public	General information on imaging, quantitative imaging, and importance of QIBs for medical decision making	General information by RSNA and other professional organizations QIBA wiki/RSNA homepages
Imaging students and residents	<ul style="list-style-type: none">• What is an QIB?• How do I get to it?• How do I use it?• How can I write a QIB grant application?	<ul style="list-style-type: none">• QIBA workshop on grant writing in collaboration with EIBALL• Other specific programs ???
QIBA interested parties	General information on QIBA with links to more details	QIBA video clips

QIBA MRE Profile Success Story

Imaging techs interested in a specific QIB related technique	<ul style="list-style-type: none"> Detailed basic information on the QIB? Detailed (video) instructions 	<ul style="list-style-type: none"> MRE tech video
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Target groups	Information needs	QIBA
Medical scientific societies	Introduction of QIBA Available Profiles/BCs for the dedicated medical subspecialty	General information – QIBA leadership Modality introduction – CC leaders <i>How do we get information on the relevant Profiles needed per society?</i>
Heads of radiology departments	Introduction of QIBA Available Profiles/BCs What is in it for my department?	General information – QIBA leadership <i>Do we have a good what is in it for me story for medical care and/or clinical trials?</i>
Dedicated medical subspecialty scientists interested in clinical trials (example brain tumors)	Brain tumor related imaging endpoints and its value for trials	<i>Specific information material would be needed – can QIBA deliver this?</i>

Target groups	Information needs	QIBA
Companies (including payors) interested in quality programs	Metrics and examples what can be done to improve care situation – being considered ‘best in class’	Provide specific slide decks that describe QSIC pilot results and the learnings – develop specific arguments as selling points <i>Specific slides for EARL</i> <i>Specific slides for RadSite</i> <i>Specific slides for Radsite-payors</i> <i>Specific slides for Radsite - VA</i>

Target groups	Information needs	QIBA
Medical imaging and non imaging specialists that face AI challenges	Imaging and AI What do we need to consider? What do we need to do and where is help?	Motivation on QIBs done right Dedicated information on specific QIBs and how it should be done to get the most out of AI/data supported decision in short/medium/long run <i>Requires more thought from QIBA Leadership</i>

Ongoing action items (please strike if complete)

- [RSNA Staff](#) to distribute updated prioritized notes; Co-chairs to ask for suggestions for how to best reach referring physicians on next call
- [RSNA Staff](#) to invite Dr. Wahl to next call
- [Dr. Pepin’s](#) MRE promotion work to be shared as an example for other committees re: educational campaign
- [Dr. Pepin](#) to invite imaging CRO contacts re: their perspective and how they use QIBA Profiles in clinical trials
- [Dr. Zahlmann](#) to follow up with Dr. Athellogou and Mr. Buckler re: software vendor outreach, AI
- [Dr. Chung](#) to work on making the connection between AI and QI and how QIBA fits into this picture

Next call: Friday, September 30th at 11 am CT

Reference: About QIBA page: http://qibawiki.rsna.org/index.php/About_QIBA

This new committee intends to help promote QIBA and the value of quantitative imaging to clinical trials and clinical practice and the broader radiology community