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QIBA Communications Committee (QCC)
30 September 2022 at 11 AM CT
Call Summary
Notes provided by Dr. Smith
Sep. 30, 2022 - meeting notes are in blue text

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In attendance		RSNA
Anne M. Smith, PhD (Co-Chair)	Richard Wahl, MD, FACR	Joe Koudelik
Majid Chalian, MD (Co-Chair)	Gudrun Zahlmann, PhD	Julie Lisiecki
Maria Athelogou, PhD		

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?"
      i. Dr. Wahl's feedback
         1. Need to show a business case
            a. Quality metric
            b. Increase in payment
            c. Radiopharmaceutical Therapy - established a Center of Excellence for SNMMI (> 30 centers)
               i. Could be a first step towards building a business case, increasing quality, reimbursement, etc.
   b. Dr. Ehman's MRE video may be some help
   c. Will ask Rich Wahl to help out with this group
      i. Society of Chairs of Academic Radiology Departments (SCARD)
         1. Dr. Tom Grist may be a good contact person (RSNA member as well)
            a. **Majid will reach out to him and cc Rich Wahl, after discussing with Julie and Joe**
         2. Program is already set for Oct 2022 meeting
            a. Dr. Wahl can discuss with SCARD leadership getting QIBA on to program
               i. Send Dr. Wahl links to our QIBA Communication Videos
               ii. **Run videos in a hallway during Conference?**
                  1. RSNA supports the SCARD meeting until June 2023
                  2. MRE may be optimal - success story and business case
                     a. Increased reimbursement
                  3. **Will run videos at the QIBA Kiosk all week**
         3. AI is a big topic, even bigger than quantification
      ii. Mid-October is main meeting
      iii. Smaller meeting in April
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 (see below)
   e. Gudrun already heading this effort
      i. Will include work on this topic in RSNA poster (Gudrun working on it)
         1. **Communications Committee will give feedback on draft poster**
         2. October 28 is our next scheduled meeting
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
      i. Feedback from Maria (works for NVidia) - provides hardware and software
         1. **Maria will send links on Nvidia's work in Healthcare AI**
         2. **Can meet Nvidia contact at RSNA in Chicago**

        3. Meet with other AI companies at RSNA - e.g., White Rabbit AI (breast density model)

                a. PACS AI companies (e.g., SECTRA) - AI plugins on their PACs

                        i. Explore standardizing plugins

      4. Best opportunity is to reach out to clusters (groups of universities, companies, etc.)

                a. Germany: Würzburg, Berlin, Tübingen

                b. Each cluster has a manager - reach out to this person

                        i. Introduce QIBA, make them aware of it

                        ii. Present QIBA at their seminars

                c. Also lists of University Hospitals with AI Groups

      5. Maria will provide lists, websites and contacts

      6. Maria will provide a list of AI Healthcare conferences and Societies

      7. Major Healthcare Societies (e.g., ECR, RSNA, SNMMI, etc.) have dedicated AI sessions as well at their conferences

    ii. Caroline's focus is on US AI Community

    iii. Gudrun discussed with PhantomX (3D printed phantoms based on CT patient data)

        1. Can discuss with them at RSNA in Chicago

    iv. Already have good relationship with Caliber MRI, Accumetra for lung nodule

    v. Digital Twin technology is also very interesting (from Siemens)

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
  - 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	• What is an QIB? • How do I get to it? • How do I use it? • How can I write a QIB grant application?	• 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	• Detailed basic information on the QIB? • Detailed (video) instructions	• MRE tech video

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 *How do we get information on the relevant Profiles needed per society?*

Heads of radiology departments	Introduction of QIBA Available Profiles/BCs What is in it for my department?	General information – QIBA leadership *Do we have a good what is in it for me story for medical care and/or clinical trials?*
Dedicated medical subspecialty scientists interested in clinical trials (example brain tumors)	Brain tumor related imaging endpoints and its value for trials	*Specific information material would be needed – can QIBA deliver this?*

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 *Specific slides for EARL* *Specific slides for RadSite* *Specific slides for Radsite-payors* *Specific slides for Radsite - VA*

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 *Requires more thought from QIBA Leadership*

Ongoing action items (please strike if complete)

- 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. Chung to work on making the connection between AI and QI and how QIBA fits into this picture
- RSNA staff to invite Drs. Cole, Pepin, and Ms. Matthews to next call to provide advice regarding clinical trials
- RSNA staff to provide contact details to Dr. Chalian for Dr. Thomas Grist and invite him to the next call
- RSNA staff to provide QIBA YouTube video links to Dr. Wahl

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

Other Topics:

EU Ready for Lung Cancer Screening

- **Anne will send Sebastian Schmidt Email: sebastian.s.schmidt@siemens-healthineers.com**