

QIBA Multi-parametric Metrology Call

13 January 2020 at 2 PM CT

Call Summary

In attendance

Nancy Obuchowski, PhD (Co-Chair)

Huiman Barnhart, PhD

Jana Delfino, PhD

Erich Huang, PhD

Paul Kinahan, PhD

Xiaofeng Wang, PhD

RSNA

Joe Koudelik

Moderators: Drs. Obuchowski and Huang

Welcome new members:

- a. Dr. Xiaofeng Wang, a colleague of Dr. Obuchowski at CCF, is interested in radiomics and has been involved with QIBA for a few years.
- b. Dr. Nandita deSouza was not on the call, possibly due to the late hour in the UK.

Appoint leaders for each paper:

Dr. Obuchowski provided an overview of the four proposed use cases and inquired about group leaders to co-chair the groups (not to do all the heavy lifting). Publishing all papers as a series/package suggested, similar to the previous metrology effort.

	<i>Intended use</i>	<i>Leaders (Co-chairs)</i>
	Overview	Nancy Obuchowski
1	Use Case 1: Multi-dimensional descriptor	David Raunig & Andy Buckler?
2	Use Case 2: Phenotype classification	Jana Delfino?
3	Use Case 3: Risk prediction	Erich Huang
4	Use Case 4: Radiomics	Xiaofeng Wang

Suggestions for organization for future meetings:

- a. One meeting/use case paper proposed (rotating through all four use cases every two months)
- b. Have each paper address similar questions/themes common across each use case:
 - i. What do the QIBA Profile claim statements look like
 - ii. What work needs to be done to develop the claim (include literature survey, gap analysis)
 - iii. What studies should be done to test conformance to claims
 - iv. How to properly carry out these methods
 - v. Illustrate methods with an example (include stakeholders' perspective)
 - vi. Challenges unique to this use case

To dos:

- a. Dr. Obuchowski to create a dataset of atherosclerosis examples and distribute to members
- b. Ask Julie for Doodle poll for second monthly meeting; ask about (1) accommodating time/day and (2) interest in specific use case groups (accommodating use case groups with new call times may be needed)

WebEx Schedule:

Monday, January 27, 2020 | Monday, February 10, 2020 (subject to change per doodle poll)

NEW! Visit the QIBA Citations EndNote Library! Details can be found on the QIBA Wiki Education page