

QIBA Ultrasound Shear Wave Speed (SWS) Biomarker Committee (BC) Call

Friday, January 5, 2018; 11 AM CT

Call Summary

In attendance

Tim Hall, PhD (Co-Chair)

Andy Milkowski, MS (Co-Chair)

Paul Carson, PhD

Shuyan Du, PhD

Todd Erpelding, PhD, MSE

Joel Gay, MSc

Al Gee

Rik Hansen, PhD Fellow

Alpana Harisinghani, MD

Eleni Liapi, MD, ScM

Mi-Jung Lee, MD, PhD

Ravi Managuli, PhD, RDMS

Nancy Obuchowski, PhD

Arinc Ozturk, MD

Anthony Samir, MD, MPH

Theresa Tuthill, PhD

Michael Wang, PhD, MASc

Keith Wear, PhD

RSNA

Joe Koudelik

Julie Lisiecki

Moderator: Dr. Hall

Review prior call summary: October 6th summary approved as submitted

Profile update:

- The Profile was distributed to leadership for initial review, and will now be distributed to BC members for a 30-day internal review, with a deadline of **Friday, February 2nd**
- Members are asked to volunteer to review sections that appeal to expertise and to review checklists
 - Dr. Carson volunteered to review section 3.8, image-related QA
 - He also noted that medical physicists at UAB have volunteered to review DICOM related details
- Open issues have been documented within the Profile, as some follow up remains
- Remaining items include:
 - Finalized checklist by Dr. Garra in Excel format, framework for future interactive electronic version
 - List of overall pass / fail tolerances for phantoms to be provided by Dr. Lynch
 - Table of Contents suggested by Dr. Samir to aid with areas of expertise for review, as well as to help potential users of the Profile
 - References needed for some open issues
 - Although it would be preferable to have references updated prior to sending the Profile out for public comment; these can be added in parallel
 - It would also be helpful to determine how each manufacturer specifies outliers
 - Profile to specify a coefficient of variation (COV) regarding expected performance (based on claims), but not prescribe how to obtain these; this is left to each manufacturer
 - Clean-up of remaining highlighted areas within the Profile
- The checklists are complete; however, internal group review would be appreciated
- Comments welcome to Dr. Garra: Brian.Garra@fda.hhs.gov; Brian.Garra@va.gov; bgarra@gmail.com
 - **(Please use all three emails)**
- The goal is to have the Profile out for public comment sometime in February 2018

Profile Approval Process Next Steps:

- See voting and balloting process links <http://qibawiki.rsna.org/index.php/Process>
- Voting to release the Profile for public comment will be done electronically

Next QIBA WebEx calls are as follows:

- **Jan 12:** CEUS BC
- **Feb 02:** SWS BC
- **Feb 09:** CEUS BC
- **Feb 16:** Hold time for US Coordinating Ctte