

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

Wednesday, May 19, 2021; 2 PM CT

Call Summary

In attendance

David Fetzer, MD (Co-Chair)

Stephen McAleavey, PhD (Co-Chair)

Stephen Rosenzweig, PhD (Co-Chair)

Anil Chauhan, MD

Todd Erpelding, PhD, MSE

J. Brian Fowlkes, PhD

Timothy J. Hall, PhD

Rik Hansen, PhD

Reinhard Kubale, MD

Viksit Kumar, PhD

Nancy Obuchowski, PhD

Kevin O'Donnell, MASc

Arinc Ozturk, MD

Mark Palmeri, MD, PhD

Theresa Tuthill, PhD

Matthew Urban, PhD

Keith Wear, PhD

James Wiskin, PhD

RSNA

Joe Koudelik

Julie Lisiecki

Moderator: Dr. McAleavey

Profile Update:

- The co-chairs are revising the current Profile to remove the proposed point-based conformance system (section 5) and simplify the checklist for ease of use and to encourage adoption
 - Setting the bar too high may result in lack of use, inability to conform, and inadequate resources
- Checklist requirements are being categorized as **required** for core requirements and **recommended** for less critical items that could be aspired to for better performance, but not required for conformance
 - Mr. O'Donnell suggested the option of two checklists with these categories to streamline the process
 - There are many permutations / combinations of ways that data are collected, and BC leaders would like to simplify this process without limiting possible combinations
 - Several of the current checklists were reviewed as examples of what would qualify as "required" versus those qualifying as "recommended"
- Easing the burden for sites, especially those with many scanners, e.g., 50 or more, would be appreciated, as it would be difficult for sites to conform otherwise
 - Cost and logistics barriers to site conformance exist, including the use and shipment of phantoms
- Finding the sweet spot between the high and low bar for conformance is the goal
 - Dropping certain important requirements may degrade Claim performance and must be carefully considered
- Dr. Chauhan also recommended consulting hepatologists regarding quality standards

Action item:

- Co-chairs will send their latest version of the Profile (with tracked changes) to the BC for internal comment prior to the next call on June 16th

Profile Approval Process: See voting and balloting process links: <http://qibawiki.rsna.org/index.php/Process>

QIBA US Schedule: next call – *NEW day and time - Wednesday, June 16th at 2 pm CT*

6/16	SWS BC – 3 rd Wednesday @ 2 pm CT
7/21	SWS BC – 3 rd Wednesday @ 2 pm CT
8/18	SWS BC – 3 rd Wednesday @ 2 pm CT