

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

Wednesday, December 15, 2021; 2 PM CT

Call Summary

In attendance

David Fetzer, MD (Co-Chair)
Stephen McAleavey, PhD (Co-Chair)
Stephen Rosenzweig, PhD (Co-Chair)
Michael André, PhD
Paul Carson, PhD

J. Brian Fowlkes, PhD
Timothy J. Hall, PhD
Rik Hansen, PhD
Zheng Feng Lu, PhD
Ravi Managuli, PhD

Ogonna Kenechi Nwawka, MD
Nancy Obuchowski, PhD
Arinc Ozturk, MD
Theresa Tuthill, PhD
Keith Wear, PhD

RSNA

Julie Lisiecki

Moderator: Dr. Rosenzweig

The following were discussed:

- Updated protocols received from Dr. Ozturk
- IEC development of an international standard for shear wave elastography, with focus on the liver
- DICOM meeting on 1/19 focusing on report items for shear wave elastography, to be led by Mr. O'Donnell
- AIUM presentation regarding QIBA activities

Action items:

- Appendix A, committee members and authors, to be updated
- It was decided that no updates were needed for appendices B and C; they are part of a previous template
- Co-chairs to send their latest version of the Checklist (with tracked changes) to the BC for review – TBD
- The BC will be asked to review the Profile one last time prior to a voice vote on the 1/19 call
- Next meeting for the IEC TC87 WG9 falls on 1/19; interested SWE experts are needed and asked to self-nominate
 - RSNA staff will share details once received from Dr. Lu
- Dr. Lu to provide her slides for distribution and details regarding the IEC call

Next Steps per QIBA Process Committee

- Clean up the checklist (keep most/all the recommended lines, migrate normative material from Notes into Requirements, clean up any ambiguities)
- Get BC approval of the checklist modifications - via a voice vote
- Resynch the Profile so the table contents match the updated checklists
- Circulate updated Profile & checklist for BC approval– focus on approving technical content of the Profile (Resolve any comments that come in)
- Circulate the resulting Profile & Checklist for formal CC approval (email ballot) – focus on approving the BC is doing everything properly (Resolve any ballot comments that come in)
- Publish as Stage 2: Consensus and move on to Stage 3: Technically Confirmed. (Road test the new checklists.)
- An AIUM presentation regarding QIBA activities is going forward and will feature Drs. Hall and McAleavey as speakers for SWS, as well as QIBA co-chairs from other US BCs for CEUS, PEQUS, and VBF

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

Minor Profile updates do not require voting but must be documented appropriately for versioning

Next call – *Wednesday, January 19th at 2 pm CT*

01/19	SWS BC – 3 rd Wednesday @ 2 pm CT
02/09	SWS BC – 2 nd Wednesday @ 2 pm CT – note new day