

QIBA Ultrasound Shear Wave Speed (SWS) Technical Committee

Friday, June 1, 2012; 11 AM CT

Call Summary

In attendance

Brian Garra, MD (Co-Chair)

Timothy Hall, PhD (Co-Chair)

Andrew Milkowski, PhD (Co-Chair)

Michael Andre, PhD

Cristel Baiu, MS

Paul L. Carson, PhD, (QIBA Sci. Coord)

Claude Cohen-Bacrie, MS

David Cosgrove, MD

Liexiang Fan

Ted Lynch, PhD

Steve Metz, PhD

Kathy Nightingale, PhD

Mark Palmeri, PhD

Nicolas Rognin, MSc, PhD

Laurent Sandrin, PhD

Cedric Schmitt, PhD

Gale Sisney, MD

Kai E. Thomenius, PhD

Keith Wear, PhD

Hua Xie, PhD

Jim Zagzebski, PhD

RSNA

Joe Koudelik

Julie Lisiecki

Discussion of Subcommittee Call Structure per Model Selected by Co-Chairs

- The Co-Chairs have selected a three-week model, and calls for subcommittees will alternate with technical committee calls on **Mondays at 1 pm CT** and **Fridays at 11 am CT**, respectively.
- The Phantom Subcommittee will meet at 1 pm CT on Monday, June 04, 2012, and the System Dependencies Subcommittee will meet Friday, June 8, 2012 at 11 am CT.
- Clinical Applications Subcttte co-chairs not confirmed; first t-con yet to be scheduled (to alternate with the other Monday calls on a 3-week basis)
- RSNA staff will schedule and send reminders for these calls if held per this schedule.
 - If calls are scheduled outside of these times, calls may occur without RSNA staff support per the group's own arrangements.
 - Call attendance may be light for the week of June 11th due to the Ultrasound Tissue Symposium Mtg.

2012 QIBA Annual Meeting Update

- The Co-Chairs of the Technical Committee provided a summary of the group's three year plans to QIBA
 - Activities will be designed around completion of a Profile and protocol for clinical use
- *Overall goal:* Preserve differences among equipment manufacturers while reaching consensus regarding a uniform output value/numbers to quantify liver fibrosis as well as the measurement of shear wave speed in ultrasound
- *End goal:* Advance the clinical adoption of the US SWS biomarker by decreasing the current output variability cross platforms

General discussion

- In working with measurements, allow for advanced development without limiting innovation
- Despite current differences in measurement, a balance must be found to assist clinicians yet allow for manufacturer flexibility while trying to reduce the sources of variability in grading liver fibrosis
- The task of the committee is to discuss what is *possible* and what degree of variation is *acceptable*
- There is an ***Ultrasonic Imaging and Tissue Characterization Symposium***, the week of June 11-13, 2012 at the Hyatt Arlington, in Rosslyn, VA: <http://uitc-symposium.org/>

Next steps: Subcommittees to meet and begin discussion/ organization of tasks.

Next calls:

- Phantom Subcommittee - **Monday, June 4, 2012 at 1:00 PM CT** (Drs. Hall and Garra to moderate)
- System Dependencies Subcommittee - **Friday, June 8, 2012 at 11:00 AM CT** (Drs. Palmeri and Wear to moderate)
 - Dr Palmeri to compile list of common recourses – clinical and technical aspects need to be separated

RSNA Staff attempt to identify and capture all committee members participating on WebEx calls. However, if multiple callers join simultaneously or call in without logging on to the WebEx, identification is not possible Call participants are welcome to contact RSNA staff at QIBA@RSNA.org if their attendance is not reflected on the call summaries. [QIBA wiki](#)