

QIBA Ultrasound Shear Wave Speed (SWS) Technical Committee

Friday, May 14, 2012; 11 AM CT

Call Summary

In attendance

Timothy Hall, PhD (Co-Chair)

Andrew Milkowski, PhD (Co-Chair)

Michael Andre, PhD

Cristel Baiu, MS

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

Shigao Chen, PhD

Ron Daigle, PhD

Caterina M. Gallippi, PhD

Barry Goldberg, MD

Ted Lynch, PhD

Ernest Madsen, PhD

Steve Metz, PhD

Kathy Nightingale, PhD

Adrian Nunn, PhD

Mark Palmeri, PhD

Nicolas Rognin, MSc, PhD

Jonathan Rubin, MD, PhD

Laurent Sandrin, PhD

Gale Sisney, MD

Daniel C. Sullivan, MD

Kai E. Thomenius, PhD

Keith Wear, PhD

Clark Zhe Wu, PhD

Hua Xie, PhD

Jim Zagzebski, PhD

RSNA

Fiona Miller

Joe Koudelik

Julie Lisiecki

Approval of last call summary, 5/4/2012

Discussion of Doodle Poll Results for Subcommittee Distribution

- Volunteers signed up for up to two subcommittees, indicating order of preference and interest in serving as a chair/co-chair
- Received 27 responses evenly distributed among sub-cmtes ; the poll will remain open for additional volunteers
- Draft charges to be used as guidance for subcommittee selection are posted to the [QIBA wiki](#)

Schedule for Webex calls

- Once subcommittees are organized per Doodle poll results, schedule availability requests will be sent to those willing to serve as co-chairs or chairs
- As needed, Doodle polls for the Subcommittee calls will be set up based on the availability of the Chair or Co-chairs
- RSNA staff will develop a proposed model for the alternating Tech Cmte/Sub Cmte call schedule.

General discussion

- Discussion of system dependencies –preliminary list of items that may cause variation in SWS measurements needed
 - This will be addressed by the subcommittee once established
- Underlying biological variability and what can be controlled in a clinical setting; mitigation strategies needed for controllable variability
- System focus and moderation of variability may be a more prudent approach in addressing biological issues
- Reference phantom will be needed to assess the amount of variation that comes from different techniques
 - Phantom can also be used to determine what parameters will cause variation
- Use of simulated data and work with models was also suggested

Next steps:

- Encourage all Committee members to participate in the general Doodle Poll for subcommittee selection to determine subcommittee composition, preference, and potential leaders:
 - <http://www.doodle.com/ck6zdypzstq2dhhc>
- Discuss phantoms and more technical issues on next call
- Co-chairs to review Doodle poll results and consider chair and co-chair assignments
- Preliminary schedule for subcommittees to be confirmed after QIBA Annual Meeting

Next call: Friday, June 1, 2012 at 11:00 AM CT (Dr. Hall to moderate)

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](#)