

QIBA Ultrasound Shear Wave Speed (SWS) Technical Committee

Friday, August 09, 2013; 11 AM CT
Call Summary

In attendance

Timothy J. Hall, PhD (Co-Chair)

Andy Milkowski, MS (Co-Chair)

Brian Garra, MD (Co-Chair)

Kaisar Alam, PhD

Michael Andre, PhD

Jeffrey Ballyns, PhD

Tharakeswara K. Bathala, MBBS, MD

Paul Carson, PhD

Elaine Collins, RDMS

Steven Fick, PhD

Christopher Hazard, PhD

Jingfeng Jiang, PhD

Jennifer Kugel, MS (RT)

Mike Macdonald, PhD

Stephen McAleavey, PhD

Kathy Nightingale, PhD

Mark Palmeri, MD, PhD

Nicolas Rognin, MSc, PhD

Cedric Schmitt, PhD

Keith Wear, PhD

Hua Xie, PhD

RSNA

Fiona Miller

Julie Lisiecki

Moderator: Dr. Hall

Discussion

Summary from July 15, 2013 Tech Cttee t-con was approved as written

Results from Phase I of the Phantom Study were presented at the July 2013 IEEE/UFFC joint symposium.

- Conference proceedings paper to be submitted for peer review/ possible publication
- Preliminary analysis indicated that there are differences existing between phantoms, thus making a gold standard difficult
 - The ultimate goal is a calibrated lossy phantom
 - The group is still working to resolve discrepancies among systems for SWS

Revised paper to be submitted with updated Philips information; to be posted to wiki

Analysis spreadsheet to be distributed with raw data for further discussion

Phase II phantom study overview

- In effort to minimize costs, only two identical phantoms will be manufactured; one will shipped between sites, the other will be retained at the manufacturing site for serial measurements of material stability. All will be designed to study depth dependence.
 - Dr. Andre suggested presenting the project to the QIBA Sustainability Task Force for input
 - A new material that could be used to replace water-based gels would have broad appeal in the marketplace

Dr. Garra to contact Dr. Samir regarding proposed project for the Phantom Subcommittee call.

Dr. Palmeri indicated that he would be available to provide a brief presentation

Subcommittee Updates: Detailed project updates may be found on each subcommittee's page: [QIBA wiki](#)

RSNA 2013 Annual Meeting - QIBA Technical Committees Working Meeting:

Wednesday, December 4th | 3:00pm – 5:00pm | Chicago, McCormick Place | Room: TBD

Please let us know whether you plan to attend by responding to the following poll:

<http://www.doodle.com/fw76cegg78r75b>.

We appreciate your continued support and look forward to your participation - Thank You!

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](#)