

# QIBA Ultrasound Shear Wave Speed (SWS) Technical Committee

Monday January 7, 2013; 1 PM CT

## Call Summary

### In attendance

Tim J. Hall, PhD (Co-Chair)

Andy Milkowski, MS (Co-Chair)

Kaisar Alam, PhD

Michael Andre, PhD

Paul Carson, PhD

Shigao Chen, PhD

Elaine Collins, RDMS

David Cosgrove, MD

Steven Fick, PhD

Caterina M. Gallippi, PhD

Alpana Harisinghani, MD

Christopher Hazard, PhD

Anis Hadj Henni, PhD

Ted Lynch, PhD

Stephen McAleavey, PhD

Kathy Nightingale, PhD

Mark Palmeri, MD, PhD

Laurent Sandrin, PhD

Keith Wear, PhD

Hua Xie, PhD

Zheng Zhang, PhD

Haoyan Zhou, MS

### RSNA

Joe Koudelik

Julie Lisiecki

**Moderator:** Mr. Milkowski

**Agenda:** Monday January 7, 2013; 1 PM CT

1. Approve previous meeting minutes
2. Review of the procedural document for the phantom study
3. Review of current status of phantom specification and manufacturing
4. Review of data collection procedure
5. Action items
6. Other business
7. Adjourn

### Updates

- Phantoms have been poured and cured and are 'resting' prior to shipment in the next two weeks
  - Both high and low elastic modulus materials have been cast; measurements are blinded for participants
- Dr. Lynch will ship all phantoms to Duke for preliminary measurement on one system to establish the inter-phantom variance.
  - Adherence to individual manufacturer protocols will be followed, using the most up-to-date software available, and documenting equipment, software version, etc.
  - Drs. Palmeri and Nightingale will discuss feasibility and a schedule for completion of the measurements.
  - Once measurements are complete, phantoms will be shipped overnight, to individual test sites.
- Each site provided an update on available equipment and current software versions.
- Drs. Andre and Hall volunteered to test several machines
- Mr. Milkowski to provide revised draft protocol for measurement and reporting for circulation to tech committee.
  - Volunteers to provide comments within one week.
  - Format for document will be Microsoft Word with a separate Microsoft Excel spreadsheet for reporting use once document is approved.

### Action items

- Mr. Milkowski to follow up with the following participants to see if they have any updates to software/ procedures:
  - Dr. Sandrin (FibroScan)
  - Mr. Cohen-Bacrie (SuperSonic)
  - Dr. Tanter (Institute Langevin-Paris)
- Dr. McAleavey to follow up with Drs. Hazard and Parker (GE) regarding GE preferences for protocol
- Mr. Milkowski to provide revised draft protocol for measurement and reporting for circulation to tech committee.
  - Volunteers to provide comments within one week.

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

### Upcoming QIBA US SWS Calls – January 2013

1/14/2013	1:00 pm CT	Monday	Phantom System Testing & Measurement Subcommittee	Dr. Hall
1/18/2013	11:00 am CT	Friday	System Dependencies Subcommittee	Dr. Palmeri
1/21/2013	1:00 pm CT	Monday	Clinical Applications & Biological Targets Subcommittee	Dr. Cosgrove

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