

QIBA Ultrasound Shear Wave Speed (SWS) Technical Committee

Monday, September 09, 2013; 1 PM CDT

Call Summary

In attendance

Timothy J. Hall, PhD (Co-Chair)

Andy Milkowski, MS (Co-Chair)

Brian Garra, MD (Co-Chair)

Michael Andre, PhD

Paul Carson, PhD

David Cosgrove, MD

Steven Fick, PhD

Alpana Harisinghani, MD

Christopher Hazard, PhD

Mike Macdonald, PhD

Stephen McAleavey, PhD

Mark Palmeri, MD, PhD

Nicolas Rognin, MSc, PhD

Matthew Urban, PhD

Keith Wear, PhD

Hua Xie, PhD

RSNA

Joe Koudelik

Madeleine McCoy

Moderator: *Mr. Milkowski*

General Discussion

Summary from August 9, 2013 Tech Cttee t-con was approved as written

Status update of the Phantom I Study

Differences between manufacturer systems were identified by the preliminary analysis

The ultimate goal is a calibration phantom, not a reference or gold standard

MR data might assist validating phantom depth-dependency issues

- Follow-up with sites that performed MR analysis is needed
- MRE phantom is to be shipped to UCSD for testing

Analysis spreadsheet containing raw data submitted by all participating vendors (including Philips) to be distributed to all US SWS Technical Committee members for reference; data not intended for publication

Overview of Sub-committee Objectives

Phantom Sub-ctte

- Phase I phantom study almost completed
- Data being analyzed; differences identified between manufacturer systems as a function of shear wave depth
- Phase II phantom study overview provided
- Dr Garra to follow up with Dr Madsen re: the status of the FDA phantom purchase

Clinical Applications Sub-ctte

- Confirm the effects of controllable confounding factors within clinical studies
- Develop Profiles and Protocols
- Dr Samir's QIBA project proposal is focused on identifying potential agreement re: cofounding factors

Action Items:

- Mr Milkowski to forward the analysis spreadsheet containing raw data submitted by all vendor participants (including Philips) to RSNA staff for distribution to all US SWS Technical Committee members for reference
- Mr Milkowski to provide RSNA staff explanatory text re: a Doodle poll requesting change implementation details from the equipment reps – Topic: Are manufacturers planning to implement any changes to their approach/processes for the Phantom II Study based on what was learned from the Phantom I Study?
- Dr Garra to follow up with Dr Madsen re: the status of the FDA phantom purchase
- Dr Palmeri to update and forward his slides re: Phantom I Study analysis to RSNA staff for circulation

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 | 2:30pm – 5:00pm | Chicago, McCormick Place | Room: **N129**

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

<http://www.doodle.com/fwf76cegg78r75b>.

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