

QIBA Ultrasound Shear Wave Speed (SWS) Technical Committee

Friday, September 12, 2014; 11 AM CT

Notes provided by Mr. Milkowski

In attendance

Brian Garra, MD (Co-Chair)

Andy Milkowski, MS (Co-Chair)

Kaisar Alam, PhD

Paul Carson, PhD

Elaine Collins, RDMS

Manish Dhyani, MD

Steven Fick, PhD

Gilles Guennette, RDMS, RDCS, RVT

Ted Lynch, PhD

Stephen McAleavey, PhD

Yasuo Miyajima, MS

Kathy Nightingale, PhD

Nancy Obuchowski, PhD

Nicolas Rognin, MSc, PhD

Vijay Shamdasani, PhD

Daniel Sullivan, MD

Matthew Urban, PhD

Keith Wear, PhD

Hua Xie, PhD

RSNA

Joe Koudelik

Julie Lisiecki

Moderator: Mr. Milkowski

Agenda

1. Review of previous notes/minutes (ALL)
2. Current Project Status
 - a. CIRS phantom testing (Xie?)
 - b. Next steps - sites, clinical avail, etc. (ALL)
 - c. Clinical Study (Samir)
 - d. Other
3. Further Discussion on Calls in Increase Vendor Engagement with QIBA (Carson, Garra)
4. Draft Profile (Garra) --- Gathering materials needed: protocol, condensed results from first phantom trial
5. VA participation in QIBA testing? (Garra)
6. RSNA posters, other upcoming presentations (ALL, RSNA Staff) {Poster deadline will be Friday, October 31st.}
7. Other (ALL)

Updates for the Phantom Study, Phase II

- Reviewed status of Phase 2 phantom study: Kathy Nightingale - Duke performed measurements, previously presented results and forwarded phantoms to Hua Xie-Philips
- Hua presented results and compared to Philips/Mayo clinical study. Initial indications are that phantoms looked slightly less dispersive than human data. Hua to review data and update if appropriate after discussion.
- Discussion of 'bubble' / delamination on phantoms: Ted Lynch did not have a solution to bubbles on phantoms. Decision was made to continue study with existing phantoms.
- Decision made that current phase 2 phantoms may be both a) as good as can be made and b) good enough, so the study would continue with these phantoms. Ted to continue investigation on increasing dispersion.
- **Next steps:** Hua to send phantoms to Siemens. Siemens would then forward to Toshiba.

Current sites include:

1. Duke University (NORTH CAROLINA)
2. Philips (NEW YORK)
3. Toshiba (Redmond, WA and /or Tustin, CA) - TBD
4. Siemens (Issaquah, WASHINGTON)
5. Massachusetts General Hospital (MASSACHUSETTS)
6. Southwoods Imaging Center in Youngstown (OHIO)
7. University of Wisconsin (WISCONSIN)
8. DIDS/OSEL/CDRH/FDA (MARYLAND)
9. Mayo Clinic (MINNESOTA)
10. Duke University (NORTH CAROLINA)

Upcoming calls – Friday at 11 am CT:

- September 26, 2014: Clinical SC – Dr. Samir
- October 3, 2014: Systems/ Phantom SC – Dr. Wear
- October 10, 2014: Technical Committee – Dr. Hall
- October 17, 2014: Systems/ Phantom SC – Dr. Wear (TBD - if another call is needed)
- October 24, 2014: Clinical SC – Dr. Samir
- **October 31, 2014: No call**

[Conferences for Ultrasound](#) on QIBA Wiki have been updated (as known) for 2014 – 2015. Updates welcome.