QIBA Ultrasound Shear Wave Speed (SWS) Technical Committee
Friday, June 1, 2012; 11 AM CT
Call Summary

In attendance
Brian Garra, MD (Co-Chair)  David Cosgrove, MD  Laurent Sandrin, PhD  Joe Koudelik
Timothy Hall, PhD (Co-Chair)  Liexiang Fan  Cedric Schmitt, PhD  Julie Lisiecki
Andrew Milkowski, PhD (Co-Chair)  Ted Lynch, PhD  Gale Sisney, MD
Michael Andre, PhD  Steve Metz, PhD  Kai E. Thomenius, PhD
Cristel Baiu, MS  Kathy Nightingale, PhD  Keith Wear, PhD
Paul L. Carson, PhD, (QIBA Sci. Coord)  Mark Palmeri, PhD  Hua Xie, PhD
Claude Cohen-Bacrie, MS  Nicolas Rognin, MSc, PhD  Jim Zagzebski, PhD

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Discussion of Subcommittee Call Structure per Model Selected by Co-Chairs
• The Co-Chairs have selected a three-week model, and calls for subcommittees will alternate with technical committee calls on Mondays at 1 pm CT and Fridays at 11 am CT, respectively.
• The Phantom Subcommittee will meet at 1 pm CT on Monday, June 04, 2012, and the System Dependencies Subcommittee will meet Friday, June 8, 2012 at 11 am CT.
• Clinical Applications Subctte co-chairs not confirmed; first t-con yet to be scheduled (to alternate with the other Monday calls on a 3-week basis)
• RSNA staff will schedule and send reminders for these calls if held per this schedule.
  o If calls are scheduled outside of these times, calls may occur without RSNA staff support per the group’s own arrangements.
  o Call attendance may be light for the week of June 11th due to the Ultrasound Tissue Symposium Mtg.

2012 QIBA Annual Meeting Update
• The Co-Chairs of the Technical Committee provided a summary of the group’s three year plans to QIBA
  o Activities will be designed around completion of a Profile and protocol for clinical use
• Overall goal: Preserve differences among equipment manufacturers while reaching consensus regarding a uniform output value/numbers to quantify liver fibrosis as well as the measurement of shear wave speed in ultrasound
• End goal: Advance the clinical adoption of the US SWS biomarker by decreasing the current output variability cross platforms

General discussion
• In working with measurements, allow for advanced development without limiting innovation
• Despite current differences in measurement, a balance must be found to assist clinicians yet allow for manufacturer flexibility while trying to reduce the sources of variability in grading liver fibrosis
• The task of the committee is to discuss what is possible and what degree of variation is acceptable
• There is an Ultrasonic Imaging and Tissue Characterization Symposium, the week of June 11-13, 2012 at the Hyatt Arlington, in Rosslyn, VA: http://uitc-symposium.org/

Next steps: Subcommittees to meet and begin discussion/organization of tasks.

Next calls:
• Phantom Subcommittee - Monday, June 4, 2012 at 1:00 PM CT (Drs. Hall and Garra to moderate)
• System Dependencies Subcommittee - Friday, June 8, 2012 at 11:00 AM CT (Drs. Palmeri and Wear to moderate)
  o Dr Palmeri to compile list of common recourses – clinical and technical aspects need to be separated

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. QIBAwiki