QIBA Ultrasound Shear Wave Speed (SWS) Technical Committee  
Monday May 6, 2013; 1 PM CT  
Call Summary

In attendance  
Brian Garra, MD (Co-Chair)  
Kaisar Alam, PhD  
Michael Andre, PhD  
Jeffrey Ballyns, PhD  
Paul Carson, PhD 

RSNA  
Shigao Chen, PhD  
David Cosgrove, MD  
Liexiang Fan, PhD  
Steven Fick, PhD  
Keith Wear, PhD 

Moderator: Dr. Garra

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SWS Technical Committee Agenda, 5-6-2013  
1. Review/approval of previous notes. -ALL  
2. Elastic phantom analysis update: Andy Milkowski  
3. Remaining sites for testing: Do they have phantoms and the equipment for testing? - GARRA, MILKOWSKI  
4. Other Phantom subcommittee business-- development of proposal for lossy phantom testing. Materials and method. -- HALL, GARRA  
5. Clinical Subcommittee:  
   a. Report of activities - COSGROVE, COHEN-BACRIE  
   b. Discuss a New Task for clinical Subcommittee: Use published data to establish a "short list" of key clinical factors affecting SWS.  
   c. Develop a program to study these factors for relative importance and magnitude of effect for possible QIBA funding (about 50K). -- GARRA  
6. System Dependencies Subcommittee update -- WEAR, PALMERI  
7. RSNA abstract submitted - GARRA  
8. Other new business - ALL

NOTE: Due to an unplanned fire drill in Dr. Garra’s building, this meeting was adjourned after fifteen minutes.

Updates on the Phantom Study Project – Phase I  
• Mr. Milkowski has been working on data analysis  
• The co-chairs are waiting for data to be sent from Philips  
• An abstract for RSNA 2013 detailing the QIBA US SWS Phantom Project, Phase I was submitted by Dr. Garra. All co-authors will be credited if the abstract is accepted.  
• Dr. Garra assigned a task to the Clinical Subcommittee for consideration:  
   o To devise a short clinical study utilizing the clinical parameters that will most affect shear wave speed measurements

Action item  
• Clinical Subcommittee to devise a short study utilizing the clinical parameters that will most affect shear wave speed measurements

Subcommittee Updates: Detailed project updates may be found on each subcommittee’s page: QIBA wiki

QIBA US SWS remaining May calls:  
• 5/17/2013  11:00 am CT  
  Friday  
  System Dependencies Subcommittee (Dr. Palmeri)  
• 5/20/2013  1:00 pm CT  
  Monday  
  Clinical Applications & Biological Targets Subcommittee (Dr. Cosgrove)

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