In attendance

Tim J. Hall, PhD (Co-Chair)  
Elaine Collins, RDMS  
Mark Palmeri, MD, PhD  
Joe Koudelik

Brian Garra, MD (Co-Chair)  
David Cosgrove, MD  
Nicolas Rognin, MSc, PhD  
Julie Lisiecki

Andy Milkowski, MS (Co-Chair)  
Steven Fick, PhD  
Laurent Sandrin, PhD

Kaisar Alam, PhD  
Alpana Harisinghani, MD  
Cedric Schmitt, PhD

Michael Andre, PhD  
Christopher Hazard, PhD  
Daniel C. Sullivan, MD

Jeffrey Bamber, PhD  
Ted Lynch, PhD  
Keith Wear, PhD

Jeremy Bercoff, PhD  
Ravi Managuli, PhD, RDMS  
Hua Xie, PhD

Paul Carson, PhD  
Thomas R. Nelson, PhD  
Jim Zagzebski, PhD

Shigao Chen, PhD  
Kathy Nightingale, PhD  
Bajram Zeqiri, PhD

Moderator: Dr. Hall

Agenda: Friday, February 8, 2013; 11 AM CT

1. Status of the Phase I Phantom study of cross-platform shear wave speed measurements
2. Timeline for completion of scanning with imaging systems
3. Plans for data analysis and reporting
4. Plans for funding this effort
5. Plans for the Phase II Phantom study
6. Proposed materials for Phase II phantoms

Updates on the Phantom Study Project – Phase I

- Dr. Nightingale reported findings from initial measurements performed on phantoms at Duke University
- The goal of these measurements was to evaluate phantom uniformity, not algorithm variability
- Results showed that the phantoms were quite uniform and very close in all depth measurements (e.g., within 5%), with only 2 outliers, one of which was the larger MRE phantom
- It was recommended that that phantoms be weighed and also that measurements be aimed at the center of the phantoms
- Domestic shipments have all been delivered; two shipments to France have been delayed in customs due to paperwork
- All participants are requested to complete the measurements within a week of phantom delivery
- Care should be taken with the force used to press down on the transducer; phantoms should be kept in a Ziploc bag when not in use
- It was decided to use only adult measurement settings at this time
- Mr. Milkowski and Dr. Garra will provide a new randomization table for the two different types of phantoms (soft vs. stiff)
- Mr. Milkowski to provide revised draft protocol for measurement and reporting for circulation to tech committee.
- Consideration is being given to returning phantoms to Duke (at shipper’s expense) for follow-up inter-phantom measurements
- The group also discussed sending an additional “small” phantom to Mayo/Dr. Chen for additional site data

Action items

- Dr. Garra and Mr. Milkowski to follow up regarding updates to the measurement spreadsheet in Excel, randomization, and the revised draft protocol for measurement and reporting

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