



PULSE-ECHO QUANTITATIVE ULTRASOUND

BIOMARKER COMMITTEE

Agenda for Friday, May 5, 2023

11:00am – 12:00pm

Attendees: Ivan Rosado-Mendez, Michael Wang, Anthony Samir, Richard Barr, Todd Erpelding, Raul Esquivel, Giovanna Ferraioli, David Fetzer, Jing Gao, Timothy Hall, Aiguo Han, Viksit Kumar, Yassin Labyed, Stephen McAleavey, Gary Ng, Michelle Robbin, Stephen Rosenzweig, Jonathan Rubin, Kai Thomenius, Theresa Tuthill, Xiaohong Wang, Keith Wear, Jim Zagzebski, Firouzeh Heidari, Peter Edmonds, Scott Schoen, Marco Crocco, Nancy Obuchowski

AIUM Staff: Kelly Phillips

TOPIC	COMMENTS	ACTION ITEMS
Introduction	Welcome (MW)	
Phantom scanning	Update on phantom scanning from study sites (MW and site reps) <ul style="list-style-type: none"> • Condition and location of phantoms • Measurement progress • Schedule updates • Open issues 	Let us know if the updated phantom study schedule does not work for your site.
QIDW	Update on QIDW (MW) <ul style="list-style-type: none"> • Other options to host and share data 	
Work Groups	Work Group Progress Reports <ol style="list-style-type: none"> a. Sound Speed b. Attenuation c. Backscatter 	

	d. Phantom e. Profile	
Discussion	Open discussion	
NEXT CALL	Date: June 2, 2023 Time: 11:00am, EST	

Update on phantom study

- GE started scanning last week, one of the phantoms showed some reverb – sent back to Ted L for membrane repairs

QIDW

- Likely not supporting data storage beyond 2023
 - o Handle on a case by case basis

Work group updates

- Attenuation WG (VK)
 - o No updates
- Sound Speed WG (SR)
 - o Waiting to hear back about manuscript, Teddy is reaching out for status update
 - o No other updates
- Backscatter WG (TT)
 - o Work for phantom study
 - Formalize transfer of data and results
 - o Profile writing
 - Focus on performance with phantoms and not “clinical performance target”
 - Aside from phantom results (from 2 manufacturers), could additional comments be made based on data from research (non-commercially available) scanners?

- Phantom WG (DF)
 - o Working with Ivan and Ted on some of the manufacturing and stability challenges of the 2 phantom sets; helping review images of homogeneity and separation of the phantom material of the casing along one of the walls; helping Ted to troubleshoot
 - o UT Southwestern – continuing to look into fabrication of a lipid based phantom

Profile Writing Group (IRM)

- Created backbones of the profiles for each biomarker
- Next steps – each representative meet to determine which claims can be made from the information they have gathered through the literature review and identify those claims that will have to be drawn from the phantom study
- Next meeting – end of May

Reminder for reimbursement for shipping – W9 on Basecamp to be sent to RSNA