



**PULSE-ECHO QUANTITATIVE ULTRASOUND
BIOMARKER COMMITTEE**
Agenda for Friday March 1, 2024
11:00am – 12:00pm

Attendees: Ivan Rosado Mendez (Co-Chair), Michael Wang (Co-Chair), Anthony Samir (Co-Chair), Stephane Audiere, Jeff Bamber, Paul Carson, Guy Cloutier, Marco Crocco, Stefano de Beni, David Fetzer, Brian Fowlkes, Jing Gao, Timothy Hall, Aiguo Han, Stephen, McAleavey, Roberto Lavarello Montero, Amy Lex, Ted Lynch, , Arinc Ozturk, Theodore Pierce, Jonathan Rubin, Stephen Rozensweig, Scott Schoen Jr, Tim Stiles, Theresa Tuthill, Xiaohong Wang, Keith Wear, Jim Zagzebski, Caitlin Schneider, Peter Edmonds, Pietro Menini, Sara Traversini, Saubhagya Srivastava, Peter Edmonds, Gudrun Zahlmann, Manish Dhyani

AIUM Staff: Kelly Phillips

TOPIC	COMMENTS	ACTION ITEMS
Introduction	Welcome (MW)	
Phantom Study	Phantom study update (IRM) <ul style="list-style-type: none"> • Condition and location of phantoms • Measurement progress • Schedule updates • Data curation • Open Issues 	<p>-Ivan will share the updated schedule via email</p> <p>-Arinc will work with Ivan to coordinate QC of RF data and DICOM images from Siemens and GE systems</p> <p>-Ivan, Arinc and Kelly to reach out to sites to upload their images</p>
Work Groups	Work Group Progress Reports <ol style="list-style-type: none"> a. Phantom b. Attenuation c. Backscatter d. Sound Speed a. Profile writing 	<p>-Theresa will work with Arinc and Mike to arrange QC for GE data; work directly with Siemens</p>

Discussion	Open discussion	
NEXT CALL	Date: April 5, 2024 Time: 11:00am, EST	

IRM – Gave update on phantom study

- Track 1 currently at NC State
- Track 2 currently at Univ of Rochester

Work group updates

Phantom WG

DF – hoping to submit a technical manuscript on the formulation and validation of the phantoms that each of the other profiles can reference

- Continue work at UW Southwestern on microparticle lipid-based phantoms

Attenuation WG

AO – meeting was rescheduled

- Action Item is to finalize draft of claims test

Backscatter WG

TT – Work for phantom study

- RF Data now received from multiple sites
- Getting all three analysis sites access to data
- Analysis to be done in bulk. Discussion on QC-ing when initially received
 - o Theresa will work with Arinc on QC, and directly with Siemens to make sure data is acceptable

- Profile Writing
 - o Still on hold (waiting for Attenuation group's work)

Sound Speed WG

XW – gave profile writing update

Profile writing WG

IRM – no update, no meeting, waiting on data from the groundwork study

Keith W confirmed manuscript was submitted into Radiology