



**PULSE-ECHO QUANTITATIVE ULTRASOUND  
BIOMARKER COMMITTEE**  
*Agenda for Friday, August 4, 2023*  
*11:00am – 12:00pm*

Attendees: Ivan Miguel Rosado-Mendez (Co-Chair), Anthony Samir (Co-Chair), Michael Wang (Co-Chair), Jeffrey Bamber, Anil Chauhan, Todd Erpelding, Giovanna Ferraioli, David Fetzer, J. Brian Fowlkes, Jing Gao, Timothy Hall, Aiguo Han, Roberto Lavarello, Amy M. Lex, Kibo Nam, Arinc Ozturk, Michelle L. Robbin, Stephen Rosenzweig, Jonathan Rubin, Paul Sidhu, Kai Thomenius, Theresa Tuthill, Xiaohong Wang, Keith Wear, Hayley Whitson, Mehdi Zeighami Salimabad, Scott Schoen Jr

AIUM Staff: Kelly Phillips

TOPIC	COMMENTS	ACTION ITEMS
Introduction	Welcome (MW)	
Announcements	Centralized phantom study image database (IRM) Phantom characterization at Madison (MZS)	Site managers look for email from Wisconsin asking to create account and PW
Phantom Study	Update on phantom study (MW) <ul style="list-style-type: none"> <li>a. Condition and location of phantoms</li> <li>b. Measurement progress</li> <li>c. Schedule updates</li> <li>d. Open issues</li> </ul>	
Work Groups	Work Group Progress Reports <ul style="list-style-type: none"> <li>a. Phantom</li> <li>b. Backscatter</li> <li>c. Attenuation</li> <li>d. Sound Speed</li> <li>e. Profile</li> </ul>	

Discussion	Open discussion	
NEXT CALL	Date: September 1, 2023 Time: 11:00am, EST	

IRM – gave update on database for images collected in round robin study

- Every site manager will receive a request to set up an account in the next week

MZ – presented results of measurement of backscatter coefficient, attenuation and speed of sound of samples

MW – provided phantom study update –

- Kibo – instructed to hold at the site catch potential deviations (any sites currently acquiring data) – let Arinc and Anil know when image acquisition is complete, they will check images, then can ship to next site

Work group progress reports

Attenuation WG – AO

- Discussion about developing 2 sets of claims (discussed in profile writing group) posted in Basecamp
  - o 1 for clinically collected data, 1 for phantom data
  - o Next steps: waiting for phantom data to be completed

Sound Speed WG – SR

- Discussed profile
- Reviewing proofs for paper

Backscatter WG – TT

- Discussion on effect on BS measurement of reverberations in Phantom A1 – Aiguo provided spectra
- Has attenuation group noted variations?

Phantom WG – DF

- No updates
- Continue to work with leadership and troubleshooting artifacts and minor manufacturing issues with the phantoms

#### Profile Writing Group

- No update given due to time, some discussions on Basecamp