



**PULSE-ECHO QUANTITATIVE ULTRASOUND
BIOMARKER COMMITTEE**

Agenda for Friday, January 6, 2023

11:00am – 12:00pm

Attendees: Ivan Miguel Rosado-Mendez (Co-Chair), Anthony Samir (Co-Chair), Michael Wang, (Co-Chair), Stephane Audiere, Cristel Baiu, Jeffrey Bamber, Richard G. Barr, Paul L. Carson, Raul Esquivel, Giovanna Ferraioli, David Fetzer, J. Brian Fowlkes, Jing Gao, , Joel Gay, Timothy Hall, Aiguo Han, Roberto Lavarello, Amy M. Lex, Tian Liu, Kibo Nam, Arinc Ozturk, , Stephen Rosenzweig, Jonathan Rubin, Timothy Stiles, Theresa Tuthill, Keith Wear, James Zagzebski, Firouzeh Heidari, Hayley Whitson, Nancy Obuchowski, Coz Burgan,

AIUM Staff: Kelly Phillips

TOPIC	COMMENTS	ACTION ITEMS
Introduction	Welcome (MW) 5 min	
Phantom Study	Update on status of phantom study (Firouzeh, IRM) 10 min	
Work Groups	Work Group Progress Reports a. Attenuation (10 min) b. Sound Speed (10 min) c. Backscatter (10 min) d. Phantom (10 min)	
Discussion	Open discussion (MW) 5 min	Reminder to send the names of the volunteer working on the profile draft

NEXT CALL	Date: February 3, 2023 Time: 11:00am, EST	
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Phantom Study Update –

IRM – UW Madison – 2 phantoms had issues with the membranes, sending back for repair, then to Dr. Barr – one month schedule delay

Firouzeh – no membrane damage seen, gave update for MGH

Arinc – update on attenuation, backscatter and sound speed values – no raw data – need vendor feedback

- IRM to contact Aaron Engel
- Potential damage using Fibroscan device – using a standoff pad

MW – updated schedule will need to be revised again; **double check that the information listed for your site is correct**

Work Group Updates

AO – Attenuation WG

- Focusing on updating study protocols

SR – Sound Speed WG

- Resubmitted the paper to UMB, waiting for feedback

TT – Backscatter WG

- Limited systems to calculate Backscatter – is Fuji a viable system?
- Data collected from different sites, looking at statistical analysis

TS – Phantom WG

- Membrane issue

IRM – Discussion on higher frequency range and hockey pucks – figure out what sites are able to make the measurements at high frequencies

DF – update on lipid based second-generation phantoms – coming up with a protocol and test phantom in the next couple of months