



**PULSE-ECHO QUANTITATIVE ULTRASOUND  
BIOMARKER COMMITTEE**  
*Agenda for Friday December 1, 2023*  
*11:00am – 12:00pm*

Attendees: Ivan Rosado Mendez (Co-Chair), Anthony Samir (Co-Chair), Michael Wang, (Co-Chair), Stephane Audiere, Jeff Bamber, Marco Crocco, Stefano Debeni, Todd Erpelding, Raul Esquivel Sirvent, David Fetzer, J. Brian Fowlkes, Jing Gao, Timothy Hall, Amy Lex, Ted Lynch, Ravi Managuli, Stephen McAleavey, Pietro Menini, Kibo Nam, Arinc Ozturk, Stephen Rosenzweig, Scott Schoen Jr, Paul Sidhu, Theresa Tuthill, Xiaohong Wang, Keith Wear, Sara Traversini, Nancy Obuchowski, Caitlin Schneider, Peter Edmonds, Manish Dhyani

AIUM Staff: Kelly Phillips

<b>TOPIC</b>	<b>COMMENTS</b>	<b>ACTION ITEMS</b>
Introduction	Welcome (AS)	
Phantom Study	Update on phantom study (Mike and IRM) <ul style="list-style-type: none"> <li>a. Schedule (MW)</li> <li>b. Databases (IRM)</li> <li>c. Puck shipping (IRM)</li> <li>d. Reference phantoms (IRM)</li> </ul>	
Work Groups	Work Group Progress Reports <ul style="list-style-type: none"> <li>a. Phantom</li> <li>b. Attenuation</li> <li>c. Backscatter</li> <li>d. Sound Speed</li> <li>e. Profile writing</li> </ul>	
Discussion	Open discussion	

NEXT CALL	Date: January 5, 2023 Time: 11:00am, EST	
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MW – Phantom study updates

- Shared study schedule/updates – **will upload after the call**
- Hockey puck schedule – shipment schedule included in protocol
  - o IRM shared shipping information and schedule – **will be sent to participating sites**

IRM –

- shared recent relevant publications,
- status of Google Sheets for database,
- status of DICOM image database – **let Ivan know if there are issues with access and data upload**

Work group updates –

Profile Writing – IRM

- shared timeline and deadlines for first draft of profile

Phantom – DF

- no updates
- continuing work at UT SW with micro-lipid particle-based phantoms

Backscatter – TT

- work for phantom study
  - o getting all 3 analysis sites access to data
    - Roberto creating data form
  - o Esaote has joined the backscatter group
    - Technology is based on the statistical analysis of the speckle distribution so it will not be included in the phantom study
- Profile writing
  - o Still on hold (waiting on Attenuation group's work)

Attenuation WG – AO

- Discussed profile writing action item/decision
  - o 2 different profile texts

- Based on phantom results
- Based on clinical results

Sound Speed WG – XW

- First draft of profile writing claim as of 11/15
- Block diagram of biomarker implementation – **Ivan will share with all**