



**PULSE-ECHO QUANTITATIVE ULTRASOUND
BIOMARKER COMMITTEE**

Agenda for Friday, June 3, 2022

11:00am – 12:00pm

Attendees: Ivan Miguel Rosado-Mendez (Co-Chair), Anthony Samir (Co-Chair), Michael Wang, (Co-Chair), Cristel Baiu, Paul L. Carson, Anil Chauhan, Yuling Chen, Chris De Korte, Todd Erpelding, Raul Esquivel, David Fetzer, J. Brian Fowlkes, Jing Gao, Zaegyoo Hah, Timothy Hall, Aiguo Han, Viksit Kumar, Roberto Lavarello, Jonathan Mamou, Gary Ng, Arinc Ozturk, Theodore Pierce, Michelle L. Robbin, Stephen Rosenzweig, Jonathan Rubin, Laurent Sandrin, Paul Sidhu, Timothy Stiles, Theresa Tuthill, Xiaohong Wang, Keith Wear, James Zagzebski, Carl Herickhoff, Peter Edmonds, Hayley Whitson, Nancy Obuchowski

AIUM Staff: Kelly Phillips

TOPIC	COMMENTS	ACTION ITEMS
Introduction	Welcome (IRM - 3 min)	
Phantom Study	Update on phantom study <ol style="list-style-type: none"> a. Update on manual (F. Heidari - 5 min) <ol style="list-style-type: none"> i. Reminder of deadline to send comments is today! b. Database through QIDW (IRM – 5 min) c. Phantom production (TS, DF – 12 min) <ol style="list-style-type: none"> i. Updates on effects of coupling media (IRM) ii. State of production of initial sets iii. Cost and feasibility of producing additional sets of phantoms for the study (last month’s agenda) iv. Estimate of total shipping weight for a single set of phantoms (all phantoms + coupling material + pelican case + ...?) (last month’s agenda) 	<ul style="list-style-type: none"> - Reach out to Ted regarding the second set of phantoms - Send protocol comments to Firouzeh

Work Groups	Work Group Progress Reports a. Attenuation (10 min) b. Backscatter (10 min) c. Sound Speed (10 min)	
Discussion	Open discussion/Adjourn (IRM – 5 min)	
NEXT CALL	Date: July 1, 2022 Time: 11:00am, EST	

Round Robin study data storage

- Access will be granted to each site’s contact person to upload data to their own folder on the QIDW
 - o Study leaders will have access to all the files
 - o Eventually, all folders will be made public for 10 years to support the PEQUS profile (Will try to anonymize before making public)
- Encourage each site to review contributor agreement
https://www.rsna.org/uploadedfiles/rsna/content/science_and_education/qiba/rsna-qidw-contributor-agreement-non-clinical-data.pdf

Work Group Progress Reports

- Attenuation WG
 - o Made changes to the depth-independent ROI size – comparison at 6cm with minimum ROI size at 3cm
 - o Finalized the phantom study protocol, posted in Basecamp (5/20)
 - o Action item – reach out to vendors to update imaging protocol

- Sound Speed WG
 - Measurement protocol/spreadsheet
 - On basecamp
 - If sites review and have questions – please reach out
 - Data Acquisition sheet on Basecamp (google form)
 - Needs to be updated with phantom names
 - Will have separate site registration form (for device information)
 - Manuscript Status
 - 6/1-6/6: manuscript and supplemental materials finalized, authors sign off
 - 6/7-6/13: manuscript submission
 - 6/14-6/30: contribution form/disclosures completion (if any)

-Backscatter WG

- Radiology paper (K.Wear)
 - Revision underway
 - Responding to comments
- Work for phantom study
 - Collecting additional info from manufacturers (Firouzeh collating)
 - Review of BSC data collection form
 - Review of imaging manuals