



AIUM/QIBA
Ultrasound Volume Blood Flow
Biomarker

MINUTES 2018-01-08

Attendance:

C. X. Baiu, P. Carson, B. Fowlkes, J. Gao, O. Kripfgans, C.Y. Lee, K. Minton, S. Pinter, M. Robbin, J. Rubin, T. Stiles, R. Tadross, T. Tuthill

I. Review of Phantom Round-Robbin

Third system is being investigated by manufacturer after first full data acquisition. Expecting to see second and third full data acquisition in the next 4 weeks.

Fourth system was modified by manufacturer to yield appropriate data stream of velocity and power, etc. Expecting system for evaluation to arrive in our laboratory within the next 4 weeks as well.

II. Questions to Gammex

On some occasions, some users of the phantom have noted bright echoes in the flow that may be indicative of bubbles or aggregates. Cristel was asked for his recommendations for phantom operations related to periodic operation and use on the day of experiments. He recommended the following: Phantom should be operated 15-30 min every week. When conducting experiments, start with 10 mL/s velocity, run $\frac{1}{2}$ to 1 hour before collecting data. He also indicated that the fluid could take on additional gas through the tubing over time. So we can send phantom back to Gammex to degas system.

III. AIUM schedule

We are planning face-to-face meetings on Saturday, March 24 for each of the QIBA working groups starting at 9 am, 10:30 am and noon. Kathi will check on this schedule, then we will notify RSNA. Will also be sent out to other committee chairs to confirm the selected times.

IV. KUDOS

Kudos to everyone that helped with the RSNA poster and that was manning it during the convention.