

**QIBA Proton Density Fat Fraction Biomarker Committee (PDFF BC) Update Call**  
Thursday, September 13, 2018 at 3 PM (CT)  
Call Summary

**Participants**

*Takeshi Yokoo, MD, PhD (Co-chair)*  
Gavin Hamilton, PhD

Harry Hu, PhD  
Nancy Obuchowski, PhD

Jonathan Riek, PhD  
Claude Sirlin, MD

**RSNA**

Joe Koudelik  
Susan Stanfa

**Review of Previous Call Summary**

- The 08.02.2018 call summary was approved as presented

**Multi-Vendor Phantom Study Update (Dr. Hu)**

- Dr. Hu is leading this round-robin multi-vendor study to determine bias in image acquisition and reconstruction
- Dr. Hu developed and distributed a phantom transportation schedule (in PDFF Dropbox) that allows each of the following nine sites [excluding the University of Wisconsin - Madison] 1 – 2 weeks for scanning
  - Currently two weeks behind the original schedule, circulation of the phantom to sites began this week
  - The phantom is currently at the University of Michigan in Ann Arbor and no issues have been reported
  - Dr Hu is collecting data; he and Dr. Middleton have perused them
  - The next site is Nationwide Children’s Hospital in Philadelphia and the contact has been notified that the phantom is scheduled to arrive in about 1.5 weeks
  - Not all scanning expected to be done, but scanning at 3-4 sites may be completed prior to the 2019 ISMRM Annual Meeting abstract deadline on November 7<sup>th</sup>
- Three protocols will be run, including: vendor-specific, QIBA-recommended and LipoQuant (Dr. Middleton)
- Drs. Hu and Middleton requested true phantom PDFF values (measurements) to help them evaluate the incoming site data; this ground truth data was not to be distributed to participating sites in efforts to avoid introducing possible measurement bias
- Dr. Hu to follow up with Dr. Reeder regarding forwarding the true phantom PDFF values to Dr. Middleton

**[RSVP to the QIBA Working Meeting at RSNA 2018 | Wednesday, November 28, 2 – 6pm – Lakeside Center](#)**



**Next call: Thursday, October 4, 2018 at 3 PM CT**

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