

**QIBA Ultrasound Shear Wave Speed (SWS)
Clinical Applications and Biological Targets Subcommittee Call**

Friday, 25 April 2014; 11 AM CT
Draft Call Summary

In attendance

Anthony Samir, MD, MPH (Co-Chair)
Michael Andre, PhD
Paul Carson, PhD
Jun Chen, PhD

Manish Dhyani, MD
Gilles Guennette, RDMS, RDCS, RVT
Timothy J. Hall, PhD
Mark Palmeri, MD, PhD

RSNA

Joe Koudelik
Julie Lisecki

Moderator: *Anthony Samir, MD, MPH*

Discussion points:

- Dr. Samir’s standardized case report forms on guidelines for using pooled data are available for use. Any feedback may be sent to: ASAMIR@mgh.harvard.edu
- A UPICT protocol for clinical use is also planned for release for public comment by the end of May; A steatosis report should also be available by the end of May
 - Papers with summaries of key findings have been compiled in an Excel spreadsheet; available via *DropBox*
- **Clinical study update:**
 - Patient recruitment will likely exceed the 80 person goal by October. There is an interest in clinical data with underlying RF data, and equivalent measurements across multiple systems to understand bias and variance; an interim analysis is expected by late May.
 - Data from an Echosens Fibroscan device would be desirable but may add cost
 - Repeatability and reproducibility studies with these measurements should be included
 - Measurements through all stages of cirrhosis would be helpful, normal through fully cirrhotic patients
 - Dr. Palmeri has newly acquired, clean visco-elastic datasets with calibrated data for humans that will be accessible via the [QIBA wiki](#) soon
 - Dr. Palmeri will provide some suggested parameters for a successful simulation for group feedback

QIDW Update

- Drs. Barr and Cosgrove have agreed to upload images and will coordinate with Dr. Andriole
- Dr. Samir discussed a research registry called, “[RedCap](#),” which is on a HIPAA-compliant host server
 - It is unclear at this time whether this would be used in lieu of or in conjunction with QIDW
 - Drs. Samir and Dhyani to confer with Drs. Andriole and Bresolin

Action items:

- Dr. Samir to follow up with Dr. Barr regarding his experiment and data analysis
- Dr. Samir to follow up with Drs. Andriole and Bresolin re: QIDW/ “RedCap” research registries
- Drs. Samir and Dhyani to confer with Drs. Andriole and Bresolin
- Mr. Guennette suggested that the group invite Kevin O’Donnell to meet with them to discuss the vendor perspective

Proposed Schedule for May:

<i>Date</i>	<i>Time (CT)</i>	<i>Day</i>	<i>Committee/ Subcommittee</i>	<i>Moderator</i>
05/02/2014	11:00 am CT	Friday	COMBINED: System Dependencies / Phantom Subcommittees	Dr. Wear
05/09/2014	11:00 am CT	Friday	US SWS Technical Committee	Dr. Hall
05/30/2014	11:00 am CT	Friday	US SWS Clinical Applications Subcommittee	Dr. Samir

[Conferences for Ultrasound](#) on QIBA Wiki

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