

QIBA Ultrasound Shear Wave Speed (SWS)
Clinical Applications and Biological Targets Subcommittee Call
Friday, 27 June 2014; 11 AM CT
Call Summary

In attendance

Anthony Samir, MD, MPH (Co-Chair)
Claude Cohen-Bacrie, MS (Co-Chair)
Michael André, PhD
Paul Carson, PhD
Jun Chen, PhD
Manish Dhyani, MD
Gilles Guennette, RDMS, RDCS, RVT

Timothy J. Hall, PhD
Yasuo Miyajima, MS
Mark Palmeri, MD, PhD
Nicolas Rognin, MSc, PhD
Daniel Sullivan, MD
Michael Wang, PhD, MAsC

RSNA

Joe Koudelik
Julie Lisiecki

Moderator: Anthony Samir, MD, MPH

Discussion points:

- The group reviewed the version 2 of the draft UPICT protocol for clinical use. Dr. Dhyani will solicit feedback from the group's vendor members on accurate parameters for best practices for the sections highlighted in blue
 - Statistical guidance deemed necessary re: section 10 (Image Interpretation)
- Dr. Dhyani has prepared a DRAFT survey to be sent to hepatologists; 100 or more responses would be ideal.
 - Requests for suggested edits to be made prior to wider distribution. **Link to draft survey:** <https://redcap.partners.org/redcap/surveys/?s=pMWA6ZJ4JD>
- Comments are welcome and encouraged for both items above: Dhyani.Manish@mgh.harvard.edu.
- Dr. Samir's standardized case report forms on guidelines for using pooled data are available for use. A finalized form should be available by the next call on August 8th. Feedback may be sent to: ASAMIR@mgh.harvard.edu
- Dr. Samir's study, "A Pilot Study of the Effect of Steatosis and Inflammation on Shear Wave Speed for the Estimation of Liver Fibrosis Stage in Patients with Diffuse Liver Disease," has 163 subjects to-date, pathology reviews are proceeding and the project is on track for timely completion of all deliverables by the end of September 2014.

QIDW Update and RedCap

- IRB approval has been given to MGH for data to be uploaded to QIDW
 - Additional information from Dr. Andriole regarding de-identification methods for DICOM files is anticipated
 - Mr. Guennette recommended a tool for DICOM de-identification called "ShowCase": www.triltech.com.
- Drs. Samir and Dhyani are using the research registry, "RedCap" to store data from the standardized case report forms
 - QIBA US SWS Clinical Subcommittee members who provided signed forms for access to the RedCap database community will be able to use this research tool

Round-4 NIBIB proposals

- Any edits to project proposals are due to RSNA staff (jkoudelik@rsna.org) by July 7th. The QIBA Steering Committee will review the proposals toward the end of July prior to making a final decision regarding project funding.

Action items:

- Dr. Dhyani to contact QIBA US SWS technical committee vendors to request parameters for the draft UPICT protocol
- All group members are asked to review the draft UPICT protocol and provide feedback: Dhyani.Manish@mgh.harvard.edu.
- Group members are reminded to respond to the Dropbox invitations to join the shared folder in order to view papers with summaries of key findings

Next QIBA Ultrasound SWS Call Dates would be as follows – Fridays at 11 am CT:

- Friday, July 11, 2014: Systems/ Phantom SC – Dr. Wear
- Friday, July 18, 2014: US SWS Technical Committee Call – Dr. Hall
- **No call for clinical in July, due to schedule conflicts.** Next call will be August 8th at 11 am CT.

[Conferences for Ultrasound](#) on QIBA Wiki

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