

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

Friday, 31 January 2014; 11 AM CT
Draft Call Summary

In attendance

Anthony Samir, MD (Co-Chair)
David Cosgrove, MD (Co-Chair)
Michael Andre, PhD
Paul Carson, PhD

Brian Garra, MD
Nicolas Rognin, MSc, PhD
Ioan Sporea, PhD
Daniel Sullivan, MD

RSNA

Joe Koudelik
Julie Lisiecki

Moderator: *Anthony Samir, MD*

Discussion points:

- Dr. Dhyani is in the process of conducting a literature review on confounders of clinical relevance for liver inflammation / steatosis:
 - To date, 1500 papers have been indexed from shear wave and transient elastography
 - Narrowing down the list with specific confounding factors has brought the number to 287
 - These papers have been compiled in an Excel spreadsheet
 - Key findings are being compiled about these studies to aid in future analysis
 - Input is welcome: mdhyani@partners.org
- Patient recruitment is underway for the QIBA project, and 16 additional patients have been added (80 total is the goal)
 - Some IRB questions remain regarding data upload to the QIDW database
 - It is unclear whether DICOM images can be uploaded and analyzed
 - Technical assistance is needed from SuperSonic Imagine (SSI)
 - Currently an SSI-provided Osirix plug-in provides assistance with analysis; however, the doctors would like to make the data more readily available to interested researchers in a homogenized format
- Goal is development of a SWS Profile, UPICT-based imaging protocol, and a standardized template for pathology reporting
- Plan is to work through the UPICT process (Uniform Protocols for Imaging in Clinical Trials)

Next call: 1 pm CT – Monday, February 24th

February Call Schedule:

<i>Date</i>	<i>Time (CT)</i>	<i>Day</i>	<i>Committee/ Subcommittee</i>	<i>Moderator</i>
02/10/2014	1:00 pm CT	Monday	US SWS Technical Committee	Dr. Hall
02/21/2014	11:00 am CT	Friday	COMBINED: System Dependencies / Phantom Subcommittees Call	Dr. Wear
02/24/2014	1:00 pm CT	Monday	US SWS Clinical Applications Subcommittee	Dr. Samir
02/18/2014	11:00 am CT	Tuesday	QIDW US SWS follow up call (image database) - SMALL GROUP ONLY	Only Drs. Andriole, Dhyani, and Samir

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