

QIBA Ultrasound Shear Wave Speed (SWS)
Clinical Applications and Biological Targets Task Force Call
Friday, 27 February 2015; 11 AM CT
Participation Tracking and to-dos

In attendance

Anthony Samir, MD, MPH (Co-Chair)
David Cosgrove, MD (Co-Chair)
S. Kaiser Alam, PhD
Michael André, PhD
Paul Carson, PhD
Jun Chen, PhD

Manish Dhyani, MD
Gilles Guenette, RDMS, RDCS, RVT
Tim Hall, PhD
Christopher Hazard, PhD
Mike Macdonald, PhD

Yasuo Miyajima, MS
Mark Palmeri, MD, PhD
Stephen Rosenzweig, PhD
Ioan Sporea, MD, PhD
Michael Wang, PhD, MASC

RSNA

Joe Koudelik
Julie Lisiecki

Moderator: *Anthony Samir, MD, MPH*

Round-3 Pilot Study on Steatosis Update:

- 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 242 subjects to-date, well beyond the original 65 estimated
 - 214 of the cases have had their pathology review and analysis
 - Best elastography metric for images TBD
- Dr. André recommended MIRC, an informatics solution for de-identification available via the RSNA website
 - He cautioned that there is a danger in duplication when connecting PACS / DICOM and that there is a proprietary link for Ultrasound machines that must be noted for every PACS modality
 - He also advocated use of a "lookup table" which notes type of machine and necessary protocols in one convenient at-a-glance location
- Phase II phantom expected at MGH soon after Dr. Barr has completed scanning at Northeastern Ohio Med U

QIBA Profile:

- Profile framework version 2 completed; additional image acquisition content will be drafted at MGH

Action items:

- Numerous clinical US images have been acquired and are awaiting de-identification for upload to the QIDW
- Drs. Samir and Dhyani to work off-line with Dr. Andriole to de-identify clinical data for QIDW upload/submission

Doodle Poll: Availability for informal QIBA US Mtg at AIUM 2015: <http://doodle.com/vs2r44v4akrxcgd4>

Upcoming Schedule for March (11 am CT, Friday):

March 06 – US SWS Biomarker Ctte (Dr. Hall's rotation) -?

March 13 – System Dependencies & Phantom Task Force (Dr. Wear's rotation)

March 20 – No Call / Travel to AIUM

March 27 – No Call / Travel from AIUM

RSNA 2015: [Call for Abstracts](#)