

**QIBA Ultrasound Shear Wave Speed (SWS)**  
**Clinical Applications and Biological Targets Subcommittee Call**  
Friday, 24 October 2014; 11 AM CT  
Call Summary

**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 Guennette, RDMS, RDCS, RVT  
Timothy J. Hall, PhD  
Mike MacDonald, PhD

Yasuo Miyajima, MS  
Nancy Obuchowski, PhD  
Nicolas Rognin, MSc, PhD  
Ioan Sporea, MD, PhD  
Michael Wang, PhD, MASC

**RSNA**

Joe Koudelik  
Julie Lisiecki

**Moderator:** Anthony Samir, MD, MPH

**Agenda:**

1. Year 1 and Year 2 Projects: Progress-to-date
2. Update: US SWS Poster for RSNA 2014
3. Profile effort

**Discussion points:**

- 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 250 subjects to date.
  - Analysis regarding variability data with confounders is in progress.
  - Pathology reporting is slightly delayed due to the decision to use one pathologist to eliminate variability.
  - Approximately 125 gigabytes of data will be uploaded to the QIDW; de-identification tool still needed

**QIBA Profile**

- Dr. Garra is leading the Profile effort focusing on sources of variability in imaging protocols  
Dr. Samir the point person for clinical content; to follow up with Dr. Garra regarding authorship of the Profile and recruiting volunteers for the technical side/effort

**RSNA 2014 poster**

- Drs. Samir and Dhyani are spearheading creation of the RSNA 2014 poster for QIBA Ultrasound
- RSNA staff to investigate whether a 4m poster could be considered, due to the large amount of technical and clinical data available amongst QIBA Ultrasound teams

**Action items:**

- QIDW: Thousands of images have been acquired and de-identification software is needed to automate the process
  - Dr. Samir to follow up with Dr. Andriole offline

**Next QIBA Ultrasound SWS Call Dates – Fridays at 11 am CT:**

- **October 31, 2014: No call -- Deadline for RSNA 2014 poster print-ready file to be sent to RSNA**

**November:**

- November 7, 2014: Systems/ Phantom SC – Dr. Wear
- November 14, 2014: Biomarker Committee – Dr. Garra
- November 21, 2014: Clinical SC – Dr. Samir
- **November 28, 2014: No call (Day after Thanksgiving)**

\*RSNA 2014 begins on November 30<sup>th</sup> for attendees

**QIBA Biomarker Committees - Working Meeting at RSNA 2014**

- Wednesday, December 3<sup>rd</sup> | 2:30pm – 5:00pm | Chicago, McCormick Place | Plenary Room: **E253AB** | Breakout Room: **E262**
- Please let us know whether you plan to attend by responding to the following poll: <http://doodle.com/mk7qecxint6vbwf5>.

**QIBA Poster Meet-the-Expert (MTE) Sessions at RSNA 2014**

- **Location:** McCormick Place, Chicago - Learning Center (**Hall D**) – QIBA Kiosk
- Please provide your availability to volunteer for the QIBA Poster Meet-the-Expert (MTE) sessions : <http://doodle.com/uph4zgvfbsi4ynd7>