

# QIBA Ultrasound Shear Wave Speed (SWS) Biomarker Committee

Friday, March 6, 2015; 11 AM CT

Draft Call Summary

## In attendance

Andy Milkowski, MS (Co-Chair)

Timothy J. Hall, PhD (Co-Chair)

Kaisar Alam, PhD

Michael André, PhD

Richard Barr, MD, PhD

Paul Carson, PhD

Jun Chen, PhD

David Cosgrove, MD

Gilles Guennette, RDMS, RDCS, RVT

Mike MacDonald, PhD

Yasuo Miyajima, MS

Kathy Nightingale, PhD

Nancy Obuchowski, PhD

Nicolas Rognin, MSc, PhD

Stephen Rosenzweig, PhD

Daniel Sullivan, MD

Keith Wear, PhD

## RSNA

Joe Koudelik

Julie Lisiecki

Moderator: Mr. Milkowski

## General Discussion

### Review of February 13<sup>th</sup> US SWS BC call notes

- Approved as written

### Phase II Phantom Study Update (Dr. Hall)

- The timeline for completion of the study has been reevaluated. Teams have independently been measuring properties of the phantoms, incorporating bias and variance for each set of phantoms.
- The larger group can only discuss consensus items to avoid influencing those teams that have not yet completed measurements, as it is a blinded study
- CIRS phantoms, sets I and II, are both still in circulation among the teams
  - Most likely, only data from the second set of phantoms will be published
  - Current Round-3 final project reports to be circulated from Drs. Hall, Palmeri and Samir to the US SWS Biomarker Ctte with next distribution of items to the group
    - Dr Palmeri: Simulation Study
    - Dr. Samir: Clinical Pilot Study (effect of steatosis and inflammation on SWS in the liver)
    - Dr Hall: Phase II Phantom Study

### 2015 AIUM Annual Meeting - discussion plans for the next potential biomarker

- A meeting of QIBA/ AIUM members is scheduled for Tuesday, March 24 at 10:30 AM to discuss options under consideration for the next US biomarker
- Mr. Milkowski urged the group to focus on a clinical target when selecting the new biomarker, i.e., something that clinicians have access to in a typical workflow process.

#### MARCH 2015 calendar

March 13 No call / AIUM preparations

March 20 No Call / Travel to AIUM

March 27 No Call / Travel from AIUM

#### Proposed APRIL 2015 calendar – to confirm with co-chairs

April 3 No call

April 8 [RSNA ABSTRACT DEADLINE](#), 12 noon CT

April 10 US SWS Biomarker Ctte (Dr. Garra)

April 17 System Dependencies & Phantom Task Force (Dr. Wear)

April 15 - 18 [15th International Symposium on Therapeutic Ultrasound – Utrecht – The Netherlands](#)

April 24 Clinical Task Force (Dr. Samir)