

## QIBA Ultrasound Shear Wave Speed (SWS) Technical Committee

Monday May 6, 2013; 1 PM CT

### Call Summary

#### In attendance

Brian Garra, MD (Co-Chair)

Kaisar Alam, PhD

Michael Andre, PhD

Jeffrey Ballyns, PhD

Paul Carson, PhD

Shigao Chen, PhD

David Cosgrove, MD

Liexiang Fan, PhD

Steven Fick, PhD

Christopher Hazard, PhD

Kathy Nightingale, PhD

Mark Palmeri, MD, PhD

Nicolas Rognin, MSc, PhD

Cedric Schmitt, PhD

Keith Wear, PhD

#### RSNA

Julie Lisiecki

**Moderator:** *Dr. Garra*

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#### SWS Technical Committee Agenda, 5-6-2013

1. Review/approval of previous notes. -ALL
2. Elastic phantom analysis update: Andy Milkowski
3. Remaining sites for testing: Do they have phantoms and the equipment for testing? - GARRA, MILKOWSKI
4. Other Phantom subcommittee business-- development of proposal for lossy phantom testing. Materials and method. -- HALL, GARRA

#### 5. Clinical Subcommittee:

- a. Report of activities - COSGROVE, COHEN-BACRIE
- b. Discuss a New Task for clinical Subcommittee: Use published data to establish a "short list" of key clinical factors affecting SWS.
- c. Develop a program to study these factors for relative importance and magnitude of effect for possible QIBA funding (about 50K). – GARRA

#### 6. System Dependencies Subcommittee update -- WEAR, PALMERI

7. RSNA abstract submitted - GARRA
8. Other new business - ALL

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**NOTE:** *Due to an unplanned fire drill in Dr. Garra's building, this meeting was adjourned after fifteen minutes.*

#### Updates on the Phantom Study Project – Phase I

- Mr. Milkowski has been working on data analysis
- The co-chairs are waiting for data to be sent from Philips
- An abstract for RSNA 2013 detailing the QIBA US SWS Phantom Project, Phase I was submitted by Dr. Garra. All co-authors will be credited if the abstract is accepted.
- Dr. Garra assigned a task to the Clinical Subcommittee for consideration:
  - To devise a short clinical study utilizing the clinical parameters that will most affect shear wave speed measurements

#### Action item

- Clinical Subcommittee to devise a short study utilizing the clinical parameters that will most affect shear wave speed measurements

**Subcommittee Updates:** Detailed project updates may be found on each subcommittee's page: [QIBA wiki](#)

#### QIBA US SWS remaining May calls:

- **5/17/2013** 11:00 am CT Friday System Dependencies Subcommittee (Dr. Palmeri)
- **5/20/2013** 1:00 pm CT Monday Clinical Applications & Biological Targets Subcommittee (Dr. Cosgrove)

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