### QIBA Ultrasound Shear Wave Speed (SWS) Technical Committee
**Monday March 4, 2013; 1 PM CT**

**Call Summary**

**In attendance**

<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
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<tr>
<td>Tim J. Hall, PhD (Co-Chair)</td>
<td>David Cosgrove, MD</td>
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<td>Brian Garra, MD (Co-Chair)</td>
<td>Steven Fick, PhD</td>
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<td>Andy Milkowski, MS (Co-Chair)</td>
<td>Jeremie Fromageau, PhD</td>
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<td>Kaisar Alam, PhD</td>
<td>Caterina Gallippi, PhD</td>
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<td>Paul Carson, PhD</td>
<td>Christopher Hazard, PhD</td>
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<td>Shigao Chen, PhD</td>
<td>Anis Hadj Henni, PhD</td>
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<tr>
<td>Claude Cohen-Bacrie, MS</td>
<td>Jennifer Kugel, MS (RT)</td>
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**RSNA**

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<tr>
<td>Ted Lynch, PhD</td>
<td>Joe Koudelik</td>
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<td>Stephen McAleavey, PhD</td>
<td>Julie Lisiecki</td>
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<td>Kathy Nightingale, PhD</td>
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<td>Mark Palmeri, MD, PhD</td>
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<td>Cedric Schmitt, PhD</td>
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<td>Keith Wear, PhD</td>
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**Moderator:** Dr. Garra

**Agenda:** Monday, March 4, 2013; 1 PM CT

1. Update on Status of Phantom Testing from Test Sites -- *all phantom testers*
2. Preliminary phantom data analysis update – *Mr. Andy Milkowski*
   - Data received from which sites
   - Analysis performed
   - Spreadsheet or other recording issues
3. Report of Clinical Subcommittee—*Dr. David Cosgrove, Mr. Claude Cohen-Bacrie*
   - Literature database meta-analysis discussion
   - Other activities
4. Phantom Subcommittee Activities Report – *Dr. Tim Hall, Dr. Brian Garra*
   - Any other activities beyond the phantom testing
5. System Dependencies Subcommittee update – *Dr. Keith Wear, Dr. Mark Palmeri*
   - Any other activities beyond phantom testing underway
6. Potential RSNA submissions
7. Other New Business
8. Adjourn

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

- Reproducibility numbers for the phantom materials were very high, indicating good results
- Three sets of data are currently being analyzed by Mr. Milkowski: Siemens, University of Michigan, and Echosens
  - The initial data is being used to create models for analysis of phantom uniformity
- Unknown factors related to government sequestration may delay funding opportunities; sharing of lossy phantoms may be prudent
  - Group must discuss estimated costs for lossy materials
- Dr. Chen (Mayo) is waiting for an additional small phantom to test
  - Dr. Carson promised to send the University of Michigan phantom to him and asked that it be returned once tests are complete
- Mendeley: Dr. Palmeri indicated that 85% of data from the collected literature has already been extracted into spreadsheet form
  - A point person, preferably with advanced statistical training, is needed to document the data
  - Mr. Cohen-Bacrie’s plan/ methodology for analyzing the database and accounting for all confounding factors will be posted to the wiki

**Action items**

- Dr. Carson to send the University of Michigan phantom to Dr. Chen
- Mr. Cohen-Bacrie’s plan/ methodology for analyzing the database and accounting for all confounding factors - posted to the wiki
- Dr. Garra volunteered to draft a submission entry for the RSNA 2013 abstract, taking into consideration possible oral presentations by group members; the **deadline for RSNA 2013 submission is April 10, 2013 at 12 noon CT.**
- Group to discuss Metrology issues on next System dependencies call, Friday, March 8th.
- Dr. Sandrin to discuss variations on the next Phantom subcommittee call, Monday, March 11th.

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

RSNA Staff attempt to identify and capture all committee members participating on WebEx calls. However, if multiple callers join simultaneously or call in without logging on to the WebEx, identification is not possible Call participants are welcome to contact RSNA staff at [QIBA@RSNA.org](mailto:QIBA@RSNA.org) if their attendance is not reflected on the call summaries. [QIBA wiki](#)
QIBA US SWS remaining March calls:

- 3/08/2013  11:00 am CT  Friday  System Dependencies Subcommittee (Dr. Palmeri)
- 3/11/2013  1:00 pm CT  Monday  Phantom System Testing & Measurement Subcommittee (Dr. Hall)
- 3/18/2013  1:00 pm CT  Monday  Clinical Applications & Biological Targets Subcommittee (Dr. Samir)