### Call Summary

**In attendance**

<table>
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<th>RSNA</th>
<th>In attendance</th>
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<tbody>
<tr>
<td>Tim Hall, PhD (Co-Chair)</td>
<td>Todd Erpelding, PhD, MSE</td>
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<td>Andy Milkowski, MS (Co-Chair)</td>
<td>Steven Fick, PhD</td>
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<td>S. Kaisar Alam, PhD</td>
<td>Alan Gee</td>
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<td>Michael André, PhD</td>
<td>Ken Linkhart</td>
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<td>Paul Carson, PhD</td>
<td>Mike MacDonald, PhD</td>
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<td>Anil Chauhan, MD</td>
<td>Stephen McAleavey, PhD</td>
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**Moderator:** Dr. Hall

**Review prior call summary:** July 7th summary approved as submitted

**Discussion included:**

- Proposal to calibrate US SWS phantoms utilizing the Verasonics platform (as an open, readily available system) using the open-source implementation code created by Dr. Palmeri and Dr. Urban

- Transducer/probe differences are a concern
  - While some variability is expected, the larger concern is the shape of the acoustic field produced
  - Significant differences in the acoustic field created by vastly different transducer designs (target applications) will likely significantly affect shear wave experiments
  - There is no absolute liver stiffness standard to test against
  - A common software package for calibrating US systems is desired

- How to compensate for probe differences and system variations must be taken into consideration
  - Differences from one probe to the next of the same design from the same manufacturer will likely lead to minimal differences in shear wave experiments
  - Differences from one system to the next from the same manufacturer with the same hardware configuration are likely to be minimal

- One site may be designated as a “calibration site”
  - At least three sites with identical configurations that can cross-validate calibrations is desired.

- Verasonics is interested in collaborating, pending confirmation that no software agreements are violated
  - US SWS leadership to follow up with Verasonics business leadership regarding a software agreement
  - The Duke University software is already posted on GitHub, and the Verasonics leadership is aware of that

**Next QIBA WebEx calls are as follows:**

- **Sept 01:** SWS BC
- **Sept 08:** CEUS BC
- **Sept 29:** US Coordinating Ctte
SAVE-THE-DATE:

QIBA Biomarker Committee Working Meeting at RSNA 2017 | Wednesday, November 29, 2:30-5 pm – Lakeside Center