Improving the Impact of the QIBA CT Small Lung Nodule Profile – Panel Discussion

**Panelist** Nancy Obuchowski, PhD
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“Resolving Large Software Bias Measurements"

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- If you have a good estimate of the bias of a scanner, then it’s straightforward to correct a scanner’s measurements for bias.
- We can estimate change over time, even if patient is measured on different scanners, as long as we know bias of scanners.
"Resolving Large Software Bias Measurements"

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• This is NOT the case for Precision!

• Improving repeatability is MUCH more important than reducing bias.
Will the SLN Profile make a difference?

- Technical performance studies are important first step
Will the SLN Profile make a difference?

- Technical performance studies
- Retrospective studies showing strong clinical correlation
- Integrated biomarker trials
- Integral biomarker trials