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**Re: Statements of Support for Quantitative Imaging Biomarkers Alliance (QIBA) Profiles
(Clinical Sites; December 2016)**

Dr. Ed Jackson
RSNA QIBA Chair

Dear Dr. Jackson,

A quantitative imaging biomarker (QIB) is an objectively measured characteristic derived from an *in vivo* image as an indicator of normal biological processes, pathogenic processes or a response to a therapeutic intervention. Although quantitative imaging biomarkers (QIBs) have great potential both as objective endpoints in cancer clinical trials and to improve productivity and quality of care in the clinic, the development and implementation of QIBs has been hampered by lack of reproducibility in technical performance. The goal of QIBA is to improve the reproducibility of quantitative imaging biomarkers across devices, patients and time.

We, the undersigned, have led the process of developing the QIBA small nodule Profile which will be used to standardize quantitative imaging in the setting of lung cancer screening. We agree that use of this standardized quantitative imaging QIBA Profile will contribute significantly to improvements in the quality of cancer care as our proposed approach can be rapidly implemented nationally. Our proposed quantitative measurement approach also may substantially aid in the development of novel therapeutics in oncology as we expect the accuracy and consistency of the image measurements should be significantly more robust than what has been previously possible.

Sincerely,

James L. Mulshine, MD
Acting Dean Graduate College
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David S. Gierada, MD
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