cSound™ in Cardiovascular Ultrasound

Helping reduce the burden of inconclusive transthoracic echocardiograms (TTEs)

Echocardiograms are among the most widely ordered tests in cardiovascular imaging



73.8% Echocardiography

25.6% Nuclear (SPECT MPI)

0.5% Cardiac CT

0.2% Cardiac Magnetic Resonance

NEGATIVE PATIENT OUTCOMES

Suboptimal image quality leads to



Missed or incorrect diagnoses



Additional clinical testing

SUBOPTIMAL IMAGING



10% to 15%

of transthoracic echocardiograms (TTEs) are inconclusive²

This may increase due to patient factors

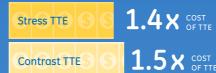






FINANCIAL IMPLICATIONS

Costs associated with additional testing compared to the cost of a TTE³



TEES S S S 1.5 X COST OF THE

Cardiac MR

1.2 X COST OF TTE



2.4x cost of the

NEW TECHNOLOGIES

Software Beamforming (SWBF), which may help improve image quality of TTEs, may help:



Reduce patient burden



Reduce costs



Improve patient care

- 1 Zoghbi WA. President's Page: Cardiovascular Imaging: A Look to the Past, Present, and Future. JACC. 2012; 60(22):2331-4
- 2 Kurt M, Shaikh K, Peterson L, et al. Impact on contrast echocardiography on evaluation of ventricular function and clinical management in a large prospective cohort. J Am Coll Cardiol. 2009: 53(9):802-810.
- 3 Centers for Medicare and Medicaid Services
 2016 Medicare Hospital Outpatient Prospective Payment System

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