

<b>Measure ID</b>	IGR12
<b>Modality</b>	Transthoracic Echocardiography
<b>Measure Title</b>	Appropriate diagnosis verification and severity grading for valve disease through transthoracic echocardiography (TTE) quantitative parameters.
<b>Measure Description</b>	<p>This measure addresses changes in cardiac structure and function in patients with aortic stenosis and/or mitral regurgitation. Changes in left ventricular size and function AND quantitative assessment of severity of aortic stenosis and/or mitral regurgitation should be performed in patients with significant left sided valvular lesions. Both sets of data (left ventricle structure and function, and extent of valvular disease) are needed to reach a conclusion about whether valve surgery or repair is needed. While qualitative assessments are commonly employed, they are generally inadequate to determine severity and to track changes over time. This is a multi-strata measure consisting of the following strata:</p> <ol style="list-style-type: none"> <li>1. Percentage of transthoracic echocardiogram reports with at least moderate mitral regurgitation including qualitative MR severity, two quantitative MR measurements to support the qualitative severity grading, quantitative LVEF, one quantitative measurement of LV size at end diastole and end systole, AND blood pressure at time of study.</li> <li>2. Percentage of transthoracic echocardiogram reports with at least moderate aortic stenosis including peak velocity, mean systolic gradient, aortic valve area, quantitative LVEF, one quantitative measurement of LV size at end diastole and end systole, AND blood pressure at the time of study.</li> </ol> <p>The overall performance will be calculated using a weighted average.</p>
<b>Numerator</b>	<ol style="list-style-type: none"> <li>1. Number of transthoracic echocardiogram reports with at least moderate mitral regurgitation including qualitative MR severity, two quantitative MR measurements to support the qualitative severity grading, quantitative LVEF, one quantitative measurement of LV size at end diastole and end systole, AND blood pressure at time of study.</li> <li>2. Number of transthoracic echocardiogram reports with at least moderate aortic stenosis including peak velocity, mean systolic gradient, aortic valve area, quantitative LVEF, one quantitative measurement of LV size at end diastole and end systole, AND blood pressure at the time of study</li> </ol>
<b>Numerator Exclusions</b>	None
<b>Denominator</b>	<ol style="list-style-type: none"> <li>1. Number of transthoracic echocardiogram (TTE) studies performed with moderate or greater mitral regurgitation reported on patients 18 years of age or older.</li> <li>2. Number of comprehensive transthoracic Echo (TTE) studies performed with moderate or greater aortic valve stenosis reported on patients 18 years of age or older.</li> </ol>
<b>Denominator Exclusions</b>	None
<b>Denominator Exceptions</b>	None
<b>High Priority Status</b>	No
<b>Measure Type</b>	Process

<b>Inverse Measure</b>	No
<b>Number of rates</b>	1
<b>Overall Performance Rate</b>	N/A
<b>Measure Rate Type</b>	Proportional
<b>Meaningful Measure Area</b>	Transfer of Health Information and Interoperability
<b>NQS Domain</b>	Effective Clinical Care
<b>NQF ID Number</b>	N/A
<b>Risk-Adjusted</b>	No

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