

Measure ID	IGR13
Modality	Transthoracic Echocardiography
Measure Title	Appropriate Evaluation of Left Ventricular Structure and Systolic Function with Transthoracic Echocardiography (TTE) to Guide Heart Failure and Cardiomyopathy Management
Measure Description	<p>This measure addresses appropriate evaluation of left ventricular structure and systolic function with TTE to guide heart failure and cardiomyopathy management on patients 18 years of age or older. This is a multi-strata measure consisting of the following strata:</p> <ol style="list-style-type: none"> 1. Percentage (%) of comprehensive transthoracic echocardiogram (TTE) studies performed on patients with heart failure/cardiomyopathy as the reason for the study, and including the following parameters for the study: <ul style="list-style-type: none"> - LV end-diastolic and end systolic diameters, end diastolic LV interventricular septum thickness and LV posterior wall thickness measurements - LV mass index calculation - Strain technology utilization - Use of intravenous contrast agent to visualize endocardial borders for LV volumes and ejection fraction (EF) measurement in technically difficult studies 2. Percentage (%) of comprehensive TTE studies performed on patients with heart failure/cardiomyopathy as the reason for the study where the LVEF < 40%, that include a recommendation to consider instituting guideline-directed medical therapy for heart failure, including beta-blocker and renin-angiotensin-aldosterone neurohormonal axis blockade and neprilysin/angiotensin receptor inhibitor if clinically indicated. <p>The overall performance will be calculated using a weighted average.</p>
Numerator	<ol style="list-style-type: none"> 1. Number of denominator eligible studies reporting a quantitative assessment of left ventricular (LV) structure and systolic function including: <ul style="list-style-type: none"> - LV end-diastolic and end systolic diameters, end diastolic LV interventricular septum thickness and LV posterior wall thickness measurements - LV mass index calculation - Strain technology utilization - Use of intravenous contrast agent to visualize endocardial borders for LV volumes and ejection fraction (EF) measurement in technically difficult studies 2. Number of denominator eligible studies that include a recommendation to consider instituting guideline-directed medical therapy for heart failure, including beta-blocker and renin-angiotensin-aldosterone neurohormonal axis blockade and neprilysin/angiotensin receptor inhibitor if clinically indicated.
Numerator Exclusions	None
Denominator	<ol style="list-style-type: none"> 1. Number of comprehensive TTE studies performed on patients with heart failure/cardiomyopathy as a reason for the study in patients 18 years of age or older. 2. Number of comprehensive TTE studies performed on patients with heart failure/cardiomyopathy as a reason for the study in patients 18 years of age or older where the LVEF < 40%.
Denominator Exclusions	None
Denominator Exceptions	None

High Priority Status	No
Measure Type	Process
Inverse Measure	No
Number of rates	1
Overall Performance Rate	N/A
Measure Rate Type	Proportional
Meaningful Measure Area	Patient-Focused Episode of Care
NQS Domain	Effective Clinical Care
NQF ID Number	N/A
Risk-Adjusted	No
