

Measure ID ASNC 3

Measure Title Cardiac Stress Nuclear Imaging Not Meeting Appropriate Use Criteria: Testing in

Asymptomatic, Low-Risk Patients

Measure Description Percentage of stress nuclear Myocardial Perfusion Imaging (MPI) studies performed on

asymptomatic, low coronary heart disease (CHD) risk patients 18 years and older for

initial detection and risk assessment.

Numerator Number of stress nuclear Myocardial Perfusion Imaging (MPI) studies performed on

asymptomatic, low CHD risk patients for initial detection and risk assessment.

Denominator All instances of stress nuclear Myocardial Perfusion Imaging (MPI) studies performed on

patients aged 18 years and older during the reporting period.

Denominator Exclusions None

Denominator Exceptions None

High Priority High Priority

Outcome

Inverse Measure Y

Rationale Diagnostic testing, such as stress SPECT and stress PET myocardial perfusion imaging, is

used to detect disease and provide risk assessment used to modify treatment strategies and approaches. Information provided by such testing can initiate, modify and stop further treatments for coronary heart disease (medications and revascularization) which have an impact on patient outcomes. In addition, false positives and false negatives can adversely impact the patient and their treatment outcomes. Lastly, radiation from stress SPECT and stress PET pose a minimal but still important consideration for patient safety. Ensuring proper patient selection can avoid using resources in patients not expected to

benefit from the testing and for which the associated risks would be unnecessary.