

Measure ID ASNC 24

Measure Title SPECT-MPI study utilization of exercise as a stressor

Measure Description Percentage of Single Photon Emission Computed Tomography (SPECT) Myocardial

Perfusion Imaging (MPI) studies using a Stress Test Type that includes exercise.

**Numerator** Number of denominator eligible studies performed where the Stress Test Type was

exercise.

**Denominator** Number of SPECT-MPI studies performed.

**Denominator Exclusions** Patients with Left Bundle Branch Block (LBBB), a pacemaker or who are unable to

exercise.

**Denominator Exceptions** None

**High Priority** High Priority

Outcome

Inverse Measure N

**Rationale** When a patient is able to exercise, exercise stress modality is usually preferred over

pharmacologic stress with the exception of patients with LBBB or implantable electronic pacing device. Exercise provides valuable diagnostic and prognostic information that cannot be obtained from pharmacologic stress. Moreover, image quality and diagnostic

accuracy is improved with exercise stress. Thus, patients who are able have no contraindication to exercise should undergo exercise stress when SPECT-MPI is

performed.