

eAppendix. Choosing Wisely Measure Definitions: Numerator and Denominator Inclusion Definitions

Choosing Wisely Recommendation	Measure Definition	Numerator	Denominator	Exclusions
Don't do imaging for low back pain within the first 6 weeks	% of patients with imaging performed for low back pain within the first 6 weeks	Patients ≥ 18 with low back pain and imaging performed within the first 6 weeks	Patients ≥ 18 with low back pain	N/A
Don't perform population based screening for 25-OH-vitamin D deficiency	% of 25-OH-vitamin D deficiency screening performed for nonindicated reasons	25-OH-vitamin D test for patients ≥ 18 with no indication	25-OH-vitamin D test for adults ≥ 18	N/A
Don't use opioid or butalbital treatment for migraine, except as a last resort	% of patients with migraine who received opioid or butalbital treatment	Prescription for opioid or butalbital following evaluation for migraine	Patients ≥ 18 with migraine headache	N/A
Don't perform cardiac testing for low-risk patients without symptoms	% of electrocardiograms, stress tests, and cardiac imaging exams performed on low-risk patients ≥ 18 without symptoms	Cardiac tests on low-risk patients ≥ 18 with no symptoms	Cardiac tests on patients ≥ 18	N/A
Don't routinely repeat DEXA scans more often than once every 2 years	% of DEXA exams followed by a repeat within 2 years	DEXA exams on women ≥ 18 repeated within 2 years of prior exam	DEXA exams on women ≥ 18	Breast cancer diagnosis prior to DEXA result data
Don't perform cardiac stress testing prior to low-risk noncardiac surgery	% of electrocardiograms, stress tests, and cardiac imaging exams performed on low-risk patients ≥ 18 in the 30 days before low-risk noncardiac surgery	Cardiac tests on low-risk patients ≥ 18 with no symptoms	Cardiac tests on patients ≥ 18 in the 30 days before low-risk noncardiac surgery	N/A

DEXA indicates bone densitometry; N/A, not applicable; OH, hydroxy.