

CMS Physician Focus Quality Chronic Disease and Prevention Measures

CHRONIC DISEASE MEASURES		ORGANIZATION	DATA SOURCE
Chronic Stable Coronary Artery Disease (CAD) – Measures to be applied to patients with a claims-based diagnosis of CAD			
CAD-1	Antiplatelet Therapy	CMS/PCPI	Prospective Flow Sheet, EMR, Retrospective medical records
	Percentage of patients with CAD who were prescribed antiplatelet therapy		
CAD-2	Drug Therapy for Lowering LDL Cholesterol	CMS	Prospective Flow Sheet, EMR Retrospective medical records
	Percentage of patients with CAD who were prescribed a lipid – lowering therapy (based on current ATP III guidelines)		
CAD-3	Beta-Blocker Therapy – Prior Myocardial Infarction (MI)	PCPI	Prospective Flow Sheet, EMR Retrospective medical records
	Percentage of CAD patients with prior MI who were prescribed beta-blocker therapy		
CAD-4	ACE Inhibitor Therapy	PCPI	Prospective Flow Sheet, EMR Retrospective medical records
	Percentage of patients with CAD who also have diabetes and/or LVSD who were prescribed ACE inhibitor therapy.		

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Diabetes Mellitus (DM) – Measures to be applied to patients with a claims-based diagnosis of Diabetes Mellitus			
	HbA1c management		
DM-1	Percentage of patients with one or more A1c test(s)	NDQIA (NQF endorsed)	EMR, Retrospective medical records; Administrative
DM-2	Percentage of patients with most recent A1c level > 9.0% (poor control)	NDQIA (NQF endorsed)	Retrospective medical records; EMR
	Urine protein testing:		
DM-3	Percentage of patients with at least one test for microalbumin during the measurement year; or who had evidence of medical attention for existing nephropathy (diagnosis of nephropathy or documentation of microalbuminuria or albuminuria)	NDQIA (NQF endorsed)	Retrospective medical records; EMR; Administrative
	Eye Exam		
DM-4	Percentage of patients who received a dilated eye exam or evaluation of retinal photographs by an optometrist or ophthalmologist during the reporting year, or during the prior year if patient is at low risk for retinopathy. A patient is considered low risk if all three of the following criteria are met: (1) the patient is not taking insulin; (2) has an A1c < 8.0%; and (3) has no evidence of retinopathy in the prior year	NDQIA (NQF endorsed)	Retrospective medical records; EMR; Administrative
	Foot Exam		
DM-5	Percent of eligible patients receiving at least one complete foot exam (visual inspection, sensory exam with monofilament, and pulse exam)	NDQIA (NQF endorsed)	Retrospective medical records; EMR;

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Heart Failure (HF) – Measures to be applied to patients with a claims-based diagnosis of HF			
HF-1	Left Ventricular Function (LVF) Assessment	PCPI (NQF endorsed)	Prospective Flow Sheet, EMR, Retrospective medical records
	Percentage of patients with HF, who have quantitative or qualitative results of LVF assessment recorded.		
HF-2	Left Ventricular Ejection Fraction Testing	CMS Physician Group Demo	EMR, Retrospective medical records; Administrative
	Left ventricular ejection fraction testing during the current year for patients hospitalized with a principal diagnosis of HF during the current year.		
HF-3	Weight Measurement	PCPI	Prospective Flow Sheet, EMR, Retrospective medical records
	Percentage of HF patient visits with weight measurement recorded.		
HF- 4	Patient Education	PCPI	Prospective Flow Sheet, EMR, Retrospective medical records
	Percentage of patients with HF who were provided with patient education on disease management and health behavior changes during one or more visit(s) within a six-month period		
HF- 5	Beta-Blocker Therapy	PCPI	Prospective Flow Sheet, EMR, Retrospective medical records
	Percentage of patients with HF who also have LVSD who were prescribed beta-blocker therapy.		
HF- 6	ACE Inhibitor Therapy	PCPI (NQF endorsed)	Prospective Flow Sheet, EMR, Retrospective medical records
	Percentage of patients with HF who also have LVSD who were prescribed ACE inhibitor therapy.		
HF-7	Warfarin Therapy for Patients with Atrial Fibrillation	PCPI	Prospective Flow Sheet, EMR, Retrospective medical records
	Percentage of patients with HF who also have paroxysmal or chronic atrial fibrillation who were prescribed warfarin therapy.		

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Osteoarthritis (OA) – Measures to be applied to patients with a claims-based diagnosis of Osteoarthritis in medical record or claim.			
OA-1	Assessment for Use of Anti-inflammatory or Analgesic OTC Medications Percentage of visits of patients with OA with an assessment for use of anti-inflammatory or analgesic OTC medications.	CMS/PCPI	Prospective Flow Sheet, EMR, Retrospective medical records
OA-2	Gastrointestinal (GI) Prophylaxis Percentage of patients prescribed a nonsteroidal anti-inflammatory drug (NSAID) who were assessed for presence of gastrointestinal complications and if risk factors were present, medications to reduce the risk of serious gastrointestinal complications are prescribed	CMS/NCQA	; Retrospective medical records; EMR
OA-3	Pain Assessment Percentage of patients diagnosed with symptomatic osteoarthritis who were assessed for pain annually.	CMS/RAND/AF	Retrospective medical records; EMR;
OA-4	Non-steroidal Anti-inflammatory Drug (NSAID) Risk Assessment Percentage of patients with osteoarthritis on prescribed or OTC NSAIDs who were assessed for GI/renal risk factors.	CMS/PCPI	Prospective Flow Sheet, EMR, Retrospective medical records
Prevention Measures – Measures to be applied to all patients		ORGANIZATION	DATA SOURCE
BLOOD PRESSURE MEASURES			
PC-1	Blood Pressure Measurement Percentage of patient visits with blood pressure (BP) measurement recorded during the last office visit	CMS/PCPI	Prospective Flow Sheet, EMR, Retrospective medical records
PC-2	Blood Pressure Level Percentage of patients with last BP < 140 / 90 mm Hg	CMS/PCPI	Prospective Flow Sheet, EMR, Retrospective medical records;

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PC-3	Plan of Care	PCPI	Prospective Flow Sheet, EMR, Retrospective medical records;
	Percentage of HTN patient visits with either systolic blood pressure \geq 140 mm Hg or diastolic blood pressure \geq 90 mm Hg with documented plan of care for hypertension.		
DEPRESSION MEASURES			
PC-4	Screening for Depression	VHA	EMR, Administrative, Retrospective medical records
	Percentage of patients who are screened annually for depression in primary care settings		
PC-5	Percentage of patients with a positive screen for depression with a follow-up assessment or referral		
PC-6	Continuation of Antidepressant Medication	PCPI	Prospective Flow Sheet, EMR, Retrospective medical records
	Percentage of patients with Major Depressive Disorder who were continued on medication for a minimum of 16 weeks following remission of symptoms.		
CANCER SCREENING MEASURES			
PC-7	Breast Cancer Screening	CMS/NCQA(H)	Administrative
	The percentage of women 40 years and older who had a mammogram during the measurement year or year prior to the measurement year.		
PC-8	Colorectal Cancer Screening	PCPI	EMR; Administrative; Retrospective medical records
	Percentage of patients screened for colorectal cancer during the one-year measurement period		
IMMUNIZATION SCREENING MEASURES			
PC-9	Influenza vaccination	NCQA/CMS (NQF endorsed)	EMR, Retrospective medical records; Patient Survey Administrative
	The percentage of patients who received an influenza vaccination from September through February of the year prior to the measurement year.		

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PC-10	Pneumonia Vaccination	NCQA/CMS (NQF endorsed)	EMR, Retrospective medical records; Patient Survey Administrative
	The percentage of patients who <u>ever</u> received a pneumococcal vaccination.		
GENERAL PREVENTIVE MEASURES			
PC-11	Lipid Measurement	NDQIA	EMR, Retrospective medical records; Administrative
	Percentage of patients with at least one low-density lipoprotein (LDL) cholesterol test		
PC-12	LDL Cholesterol Level	NDQIA	EMR, Retrospective medical records
	Percentage of patients with most recent LDL cholesterol < 130 mg/dl		
PC-13	Tobacco Use	PCPI	Prospective Flow Sheet, EMR, Retrospective medical records
	Percentage of patients who were queried about tobacco use one or more times during the two-year measurement period.		
PC-14	Tobacco Use	PCPI (NQF endorsed)	Prospective Flow Sheet, EMR, Retrospective medical records
	Percentage of patients identified as tobacco users who received cessation intervention during the two-year measurement period		

Abbreviations:

ACE – Angiotensin Converting Enzyme Inhibitor

AF – Arthritis Foundation

CMS Administrative Data Workgroup – CMS DOQ Project Administrative Workgroup

NDQIA – National Diabetes Quality Improvement Alliance

ATP III – Adult Treatment Panel III, NHLBI, National Institute of Health

CMS – Centers for Medicare and Medicaid Services

CMS Physician Group Demo – CMS Physician Group Demonstration Project

EMR – Electronic Medical Record

LDL- Low Density Level

LSVD – Left ventricular systolic dysfunction

NCQA – National Committee for Quality Assurance

NCQA (H) – NCQA HEDIS measures

NQF – National Quality Forum

PCPI – The Physician Consortium for Performance Improvement, American Medical Association

TEP – Technical Expert Panel

VHA – Veterans Health Administration