

CMS Physician Focus Quality Initiative: Chronic Disease and Prevention Measures

CHRONIC DISEASE MEASURES		ORGANIZATION	EMR	Retrospective medical records	Administrative	Survey	Prospective Flow Sheet
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/ ACC/ AHA	√	√			√
	Percentage of patients with CAD who were prescribed antiplatelet therapy						
CAD-2	Drug Therapy for Lowering LDL Cholesterol	CMS/PCPI/ ACC/ AHA	√	√			√
	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/ ACC/ AHA	√	√			√
	Percentage of CAD patients with prior MI who were prescribed beta-blocker therapy						
CAD-4	Blood Pressure	PCPI/ ACC/ AHA	√	√			√
	Percentage of patients who had a blood pressure measurement during the last office visit						
CAD-5	Lipid Profile	PCPI/ ACC/ AHA	√	√	√		√
	Percentage of patients receiving at least one lipid profile during the reporting year						
CAD-6	LDL Cholesterol Level	CMS	√	√			√
	Percentage of patients with most recent LDL cholesterol < 130 mg/dl						
CAD-7	ACE Inhibitor Therapy	PCPI/ ACC/ AHA	√	√			√
	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							
DM-1	HbA1c management	NDQIA (NQF endorsed)	√	√	√		
	Percentage of patients with one or more A1c test(s)						
DM-2	Percentage of patients with most recent A1c level > 9.0% (poor control)	NDQIA (NQF endorsed)	√	√			
DM-3	Blood Pressure Management	NDQIA (NQF endorsed)	√	√			√
	Percentage of patients with most recent BP < 140 / 90 mm Hg						
DM-4	Lipid Measurement	NDQIA (NQF endorsed)	√	√	√		
	Percentage of patients with at least one low-density lipoprotein (LDL) cholesterol test						
DM-5	LDL Cholesterol Level	NDQIA (NQF endorsed)	√	√			
	Percentage of patients with most recent LDL cholesterol < 130 mg/dl						
DM-6	Urine protein testing:	NDQIA (NQF endorsed)	√	√	√		
	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)						

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DM-7	Eye Exam 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)	√	√	√		
DM-8	Foot Exam Percent of eligible patients receiving at least one complete foot exam (visual inspection, sensory exam with monofilament, and pulse exam).	NDQIA (NQF endorsed)	√	√			
Hypertension (HTN) – Measures to be applied to patients with a claims-based diagnosis of Hypertension							
HTN-1	Blood Pressure Screening Percentage of patient visits with blood pressure (BP) measurement recorded.	CMS/PCPI/ ACC/ AHA	√	√			√
HTN-2	Blood Pressure Control Percentage of patients with last BP < 140 / 90 mm Hg	CMS/NCOA	√	√			√
HTN-3	Plan of Care Percentage of patient visits with either systolic blood pressure ≥ 140 mm Hg or diastolic blood pressure ≥ 90 mm Hg with documented plan of care for hypertension.	PCPI/ ACC/ AHA	√	√			√

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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 Percentage of patients with HF, who have quantitative or qualitative results of LVF assessment recorded.	PCPI/ ACC/ AHA (¹ NQF endorsed)	√	√			√
HF-2	Left Ventricular Ejection Fraction Testing Left ventricular ejection fraction testing during the current year for patients hospitalized with a principal diagnosis of HF during the current year.	CMS	√	√	√		
HF-3	Weight Measurement Percentage of HF patient visits with weight measurement recorded.	PCPI/ ACC/ AHA	√	√			√
HF-4	Blood Pressure Screening Percentage of patient visits with blood pressure (BP) measurement recorded.	PCPI	√	√			√
HF- 5	Patient Education 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	PCPI/ ACC/ AHA	√	√	√		√
HF- 6	Beta-Blocker Therapy Percentage of patients with HF who also have LVSD who were prescribed beta-blocker therapy.	PCPI/ ACC/ AHA	√	√			√

¹ NQF-Endorsed Hospital Care Performance Measures

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HF- 7	ACE Inhibitor Therapy	PCPI/ ACC/ AHA	√	√			√
	Percentage of patients with HF who also have LVSD who were prescribed ACE inhibitor therapy.						
HF-8	Warfarin Therapy for Patients with Atrial Fibrillation	PCPI/ ACC/ AHA	√	√			√
	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/ AAOS	√	√			√
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 considered	CMS/NCQA/PCPI/ AAOS	√	√			
OA-3	Functional and Pain Assessment Percentage of patients diagnosed with symptomatic osteoarthritis who were assessed for function and pain annually.	CMS/RAND/AF/ PCPI/ AAOS	√	√			
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/ AAOS	√	√			√

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Prevention Measures– Measures to be applied to all patients with previously mentioned chronic conditions.							
BLOOD PRESSURE MEASURES							
PC-1	Blood Pressure Measurement	CMS/PCPI	√	√			√
	Percentage of patient visits with blood pressure (BP) measurement recorded.						
DEPRESSION MEASURES							
PC-2	Screening for Depression	VHA	√	√	√		
	Percentage of patients who are screened annually for depression in primary care settings						
PC-3	Percentage of patients with a positive screen for depression with a follow-up assessment or referral	VHA	√	√	√		
PC-4	Continuation of Antidepressant Medication	PCPI	√	√			√
	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-5	Breast Cancer Screening	CMS/NCQA (H)			√		
	The percentage of women 50 –69 years who had a mammogram during the measurement year or year prior to the measurement year.						
PC-6	Colorectal Cancer Screening	PCPI	√	√	√		√
	Percentage of patients screened for colorectal cancer during the one-year measurement period						

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IMMUNIZATION SCREENING MEASURES							
PC-7	Influenza Vaccination The percentage of patients 50 years and older who received an influenza vaccination from September through February of the year prior to the measurement year.	NCQA/CMS (² NQF endorsed)	√	√	√	√	
PC-8	Pneumonia Vaccination The percentage of patients 65 years and older who <u>ever</u> received a pneumococcal vaccination.	NCQA/CMS (³ NQF endorsed)	√	√	√	√	
GENERAL PREVENTIVE MEASURES							
PC-9	Lipid Measurement Percentage of patients with at least one low-density lipoprotein (LDL) cholesterol test	NDQIA	√	√	√		
PC-10	LDL Cholesterol Level Percentage of patients with most recent LDL cholesterol < 130 mg/dl	NDQIA	√	√			
PC-11	Tobacco Use Percentage of patients who were queried about tobacco use one or more times during the two-year measurement period.	PCPI	√	√			√
PC-12	Tobacco Cessation Percentage of patients identified as tobacco users who received cessation intervention during the two-year measurement period	PCPI	√	√			√

² NQF-Endorsed Hospital Care Performance measure

³ NQF-Endorsed Hospital Care Performance measure

Abbreviations:

AAOS - American Association of Orthopaedic Surgeons: <http://www.aaos.org/>

ACC - American College of Cardiology: <http://www.acc.org/>

ACE – Angiotensin Converting Enzyme Inhibitor

AF – Arthritis Foundation: <http://www.arthritis.org/>

AHA - American Heart Association: <http://www.americanheart.org>

CMS Administrative Data Workgroup – CMS DOQ Project Administrative Workgroup

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

CMS – Centers for Medicare and Medicaid Services: <http://www.cms.gov>

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: <http://www.ncqa.org/index.asp>

NCQA (H) – NCQA HEDIS measures: <http://www.ncqa.org/Programs/HEDIS/>

NDQIA – National Diabetes Quality Improvement Alliance: <http://www.diabetesalliance.org>

NQF – National Quality Forum: <http://www.qualityforum.org>

PCPI – The Physician Consortium for Performance Improvement, American Medical Association (AMA): <http://www.ama-assn.org/ama/pub/category/2946.html>

TEP – Technical Expert Panel

VHA – Veterans Health Administration: <http://www.va.gov/>