



2018 MIPS Quality Measures

Measure Number	Measure Name	High Priority	Measure Type	MIPS Data Submission Methods					Used in Other Programs
				Claims	EHR	CMS Web Interface	Administrative Claims	Registry	ACOs
001	Diabetes: Hemoglobin A1c (HbA1c) Poor Control (>9%)	Yes	Intermediate Outcome	Yes	Yes	Yes	No	Yes	Yes
005	Heart Failure (HF): Angiotensin-Converting Enzyme (ACE) Inhibitor or Angiotensin Receptor Blocker (ARB) Therapy for Left Ventricular Systolic Dysfunction (LVSD)	No	Process	No	Yes	No	No	Yes	No
006	Coronary Artery Disease (CAD): Antiplatelet Therapy	No	Process	No	No	No	No	Yes	No
007	Coronary Artery Disease (CAD): Beta-Blocker Therapy – Prior Myocardial Infarction (MI) or Left Ventricular Systolic Dysfunction (LVEF < 40%)	No	Process	No	Yes	No	No	Yes	No
008	Heart Failure (HF): Beta-Blocker Therapy for Left Ventricular Systolic Dysfunction (LVSD)	No	Process	No	Yes	No	No	Yes	No
009	Anti-Depressant Medication Management	No	Process	No	Yes	No	No	No	No
012	Primary Open-Angle Glaucoma (POAG): Optic Nerve Evaluation	No	Process	Yes	Yes	No	No	Yes	No



2018 MIPS Quality Measures

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014	Age-Related Macular Degeneration (AMD): Dilated Macular Examination	No	Process	Yes	No	No	No	Yes	No
018	Diabetic Retinopathy: Documentation of Presence or Absence of Macular Edema and Level of Severity of Retinopathy	No	Process	No	Yes	No	No	No	No
019	Diabetic Retinopathy: Communication with the Physician Managing Ongoing Diabetes Care	Yes	Process	Yes	Yes	No	No	Yes	No
021	Perioperative Care: Selection of Prophylactic Antibiotic – First OR Second Generation Cephalosporin	Yes	Process	Yes	No	No	No	Yes	No
023	Perioperative Care: Venous Thromboembolism (VTE) Prophylaxis (When Indicated in ALL Patients)	Yes	Process	Yes	No	No	No	Yes	No
024	Communication with the Physician or Other Clinician Managing On-going Care Post-Fracture for Men and Women Aged 50 Years and Older	Yes	Process	Yes	No	No	No	Yes	No
039	Screening for Osteoporosis for Women Aged 65-85 Years of Age	No	Process	Yes	No	No	No	Yes	No
043	Coronary Artery Bypass Graft (CABG): Use of Internal Mammary Artery (IMA) in Patients with Isolated CABG Surgery	No	Process	No	No	No	No	Yes	No

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044	Coronary Artery Bypass Graft (CABG): Preoperative Beta-Blocker in Patients with Isolated CABG Surgery	No	Process	No	No	No	No	Yes	No
046	Medication Reconciliation Post-Discharge	Yes	Process	Yes	No	Yes	No	Yes	Yes
047	Care Plan	Yes	Process	Yes	No	No	No	Yes	No
048	Urinary Incontinence: Assessment of Presence or Absence of Urinary Incontinence in Women Aged 65 Years and Older	No	Process	Yes	No	No	No	Yes	No
050	Urinary Incontinence: Plan of Care for Urinary Incontinence in Women Aged 65 Years and Older	Yes	Process	Yes	No	No	No	Yes	No
051	Chronic Obstructive Pulmonary Disease (COPD): Spirometry Evaluation	No	Process	Yes	No	No	No	Yes	No
052	Chronic Obstructive Pulmonary Disease (COPD): Long-Acting Inhaled Bronchodilator Therapy	No	Process	Yes	No	No	No	Yes	No
065	Appropriate Treatment for Children with Upper Respiratory Infection (URI)	Yes	Process	No	Yes	No	No	Yes	No
066	Appropriate Testing for Children with Pharyngitis	Yes	Process	No	Yes	No	No	Yes	No



2018 MIPS Quality Measures

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067	Hematology: Myelodysplastic Syndrome (MDS) and Acute Leukemias: Baseline Cytogenetic Testing Performed on Bone Marrow	No	Process	No	No	No	No	Yes	No
068	Hematology: Myelodysplastic Syndrome (MDS): Documentation of Iron Stores in Patients Receiving Erythropoietin Therapy	No	Process	No	No	No	No	Yes	No
069	Hematology: Multiple Myeloma: Treatment with Bisphosphonates	No	Process	No	No	No	No	Yes	No
070	Hematology: Chronic Lymphocytic Leukemia (CLL): Baseline Flow Cytometry	No	Process	No	No	No	No	Yes	No
076	Prevention of Central Venous Catheter (CVC) - Related Bloodstream Infections	Yes	Process	Yes	No	No	No	Yes	No
091	Acute Otitis Externa (AOE): Topical Therapy	Yes	Process	Yes	No	No	No	Yes	No
093	Acute Otitis Externa (AOE): Systemic Antimicrobial Therapy – Avoidance of Inappropriate Use	Yes	Process	Yes	No	No	No	Yes	No
099	Breast Cancer Resection Pathology Reporting: pT Category (Primary Tumor) and pN Category (Regional Lymph Nodes) with Histologic Grade	No	Process	Yes	No	No	No	Yes	No
100	Colorectal Cancer Resection Pathology Reporting: pT Category (Primary Tumor) and pN Category (Regional Lymph Nodes) with Histologic Grade	No	Process	Yes	No	No	No	Yes	No



2018 MIPS Quality Measures

Measure Number	Measure Name	High Priority	Measure Type	Claims	EHR	CMS Web Interface	Administrative Claims	Registry	ACOs
102	Prostate Cancer: Avoidance of Overuse of Bone Scan for Staging Low Risk Prostate Cancer Patients	Yes	Process	No	Yes	No	No	Yes	No
104	Prostate Cancer: Combination Androgen Deprivation Therapy for High Risk or Very High Risk Prostate Cancer	No	Process	No	No	No	No	Yes	No
107	Adult Major Depressive Disorder (MDD): Suicide Risk Assessment	No	Process	No	Yes	No	No	No	No
109	Osteoarthritis (OA): Function and Pain Assessment	Yes	Process	Yes	No	No	No	Yes	No
110	Preventive Care and Screening: Influenza Immunization	No	Process	Yes	Yes	Yes	No	Yes	Yes
111	Pneumococcal Vaccination Status for Older Adults	No	Process	Yes	Yes	Yes	No	Yes	Yes
112	Breast Cancer Screening	No	Process	Yes	Yes	Yes	No	Yes	Yes
113	Colorectal Cancer Screening	No	Process	Yes	Yes	Yes	No	Yes	Yes
116	Avoidance of Antibiotic Treatment in Adults With Acute Bronchitis	Yes	Process	No	No	No	No	Yes	No
117	Diabetes: Eye Exam	No	Process	Yes	Yes	Yes	No	Yes	Yes
118	Coronary Artery Disease (CAD): Angiotensin-Converting Enzyme (ACE) Inhibitor or Angiotensin Receptor Blocker (ARB) Therapy - Diabetes or Left Ventricular Systolic Dysfunction (LVEF < 40%)	No	Process	No	No	No	No	Yes	No
119	Diabetes: Medical Attention for Nephropathy	No	Process	No	Yes	No	No	Yes	No



2018 MIPS Quality Measures

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122	Adult Kidney Disease: Blood Pressure Management	Yes	Intermediate Outcome	No	No	No	No	Yes	No
126	Diabetes Mellitus: Diabetic Foot and Ankle Care, Peripheral Neuropathy – Neurological Evaluation	No	Process	No	No	No	No	Yes	No
127	Diabetes Mellitus: Diabetic Foot and Ankle Care, Ulcer Prevention – Evaluation of Footwear	No	Process	No	No	No	No	Yes	No
128	Preventive Care and Screening: Body Mass Index (BMI) Screening and Follow-Up Plan	No	Process	Yes	Yes	Yes	No	Yes	Yes
130	Documentation of Current Medications in the Medical Record	Yes	Process	Yes	Yes	No	No	Yes	No
131	Pain Assessment and Follow-Up	Yes	Process	Yes	No	No	No	Yes	No
134	Preventive Care and Screening: Screening for Depression and Follow-Up Plan	No	Process	Yes	Yes	Yes	No	Yes	Yes
137	Melanoma: Continuity of Care – Recall System	Yes	Structure	No	No	No	No	Yes	No
138	Melanoma: Coordination of Care	Yes	Process	No	No	No	No	Yes	No
140	Age-Related Macular Degeneration (AMD): Counseling on Antioxidant Supplement	No	Process	Yes	No	No	No	Yes	No
141	Primary Open-Angle Glaucoma (POAG): Reduction of Intraocular Pressure (IOP) by 15% OR Documentation of a Plan of Care	Yes	Outcome	Yes	No	No	No	Yes	No



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Measure Number	Measure Name	High Priority	Measure Type	Claims	EHR	CMS Web Interface	Administrative Claims	Registry	ACOs
143	Oncology: Medical and Radiation – Pain Intensity Quantified	Yes	Process	No	Yes	No	No	Yes	No
144	Oncology: Medical and Radiation – Plan of Care for Pain	Yes	Process	No	No	No	No	Yes	No
145	Radiology: Exposure Dose or Time Reported for Procedures Using Fluoroscopy	Yes	Process	Yes	No	No	No	Yes	No
146	Radiology: Inappropriate Use of “Probably Benign” Assessment Category in Screening Mammograms	Yes	Process	Yes	No	No	No	Yes	No
147	Nuclear Medicine: Correlation with Existing Imaging Studies for All Patients Undergoing Bone Scintigraphy	Yes	Process	Yes	No	No	No	Yes	No
154	Falls: Risk Assessment	Yes	Process	Yes	No	No	No	Yes	No
155	Falls: Plan of Care	Yes	Process	Yes	No	No	No	Yes	No
156	Oncology: Radiation Dose Limits to Normal Tissues	Yes	Process	Yes	No	No	No	Yes	No
160	HIV/AIDS: Pneumocystis Jiroveci Pneumonia (PCP) Prophylaxis	No	Process	No	Yes	No	No	No	No
163	Diabetes: Foot Exam	No	Process	No	Yes	No	No	No	No
164	Coronary Artery Bypass Graft (CABG): Prolonged Intubation	Yes	Outcome	No	No	No	No	Yes	No



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165	Coronary Artery Bypass Graft (CABG): Deep Sternal Wound Infection Rate	Yes	Outcome	No	No	No	No	Yes	No
166	Coronary Artery Bypass Graft (CABG): Stroke	Yes	Outcome	No	No	No	No	Yes	No
167	Coronary Artery Bypass Graft (CABG): Postoperative Renal Failure	Yes	Outcome	No	No	No	No	Yes	No
168	Coronary Artery Bypass Graft (CABG): Surgical Re-Exploration	Yes	Outcome	No	No	No	No	Yes	No
176	Rheumatoid Arthritis (RA): Tuberculosis Screening	No	Process	No	No	No	No	Yes	No
177	Rheumatoid Arthritis (RA): Periodic Assessment of Disease Activity	No	Process	No	No	No	No	Yes	No
178	Rheumatoid Arthritis (RA): Functional Status Assessment	No	Process	No	No	No	No	Yes	No
179	Rheumatoid Arthritis (RA): Assessment and Classification of Disease Prognosis	No	Process	No	No	No	No	Yes	No
180	Rheumatoid Arthritis (RA): Glucocorticoid Management	No	Process	No	No	No	No	Yes	No
181	Elder Maltreatment Screen and Follow-Up Plan	Yes	Process	Yes	No	No	No	Yes	No
182	Functional Outcome Assessment	Yes	Process	Yes	No	No	No	Yes	No
185	Colonoscopy Interval for Patients with a History of Adenomatous Polyps – Avoidance of Inappropriate Use	Yes	Process	Yes	No	No	No	Yes	No



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187	Stroke and Stroke Rehabilitation: Thrombolytic Therapy	No	Process	No	No	No	No	Yes	No
191	Cataracts: 20/40 or Better Visual Acuity within 90 Days Following Cataract Surgery	Yes	Outcome	No	Yes	No	No	Yes	No
192	Cataracts: Complications within 30 Days Following Cataract Surgery Requiring Additional Surgical Procedures	Yes	Outcome	No	Yes	No	No	Yes	No
195	Radiology: Stenosis Measurement in Carotid Imaging Reports	No	Process	Yes	No	No	No	Yes	No
204	Ischemic Vascular Disease (IVD): Use of Aspirin or Another Antithrombotic	No	Process	Yes	Yes	Yes	No	Yes	Yes
205	HIV/AIDS: Sexually Transmitted Disease Screening for Chlamydia, Gonorrhea, and Syphilis	No	Process	No	No	No	No	Yes	No
217	Functional Status Change for Patients with Knee Impairments	Yes	Outcome	No	No	No	No	Yes	No
218	Functional Status Change for Patients with Hip Impairments	Yes	Outcome	No	No	No	No	Yes	No
219	Functional Status Change for Patients with Foot or Ankle Impairments	Yes	Outcome	No	No	No	No	Yes	No
220	Functional Status Change for Patients with Lumbar Impairments	Yes	Outcome	No	No	No	No	Yes	No
221	Functional Status Change for Patients with Shoulder Impairments	Yes	Outcome	No	No	No	No	Yes	No
222	Functional Status Change for Patients with Elbow, Wrist or Hand Impairments	Yes	Outcome	No	No	No	No	Yes	No



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223	Functional Status Change for Patients with Other General Orthopaedic Impairments	Yes	Outcome	No	No	No	No	Yes	No
224	Melanoma: Overutilization of Imaging Studies in Melanoma	Yes	Process	No	No	No	No	Yes	No
225	Radiology: Reminder System for Screening Mammograms	Yes	Structure	Yes	No	No	No	Yes	No
226	Preventive Care and Screening: Tobacco Use: Screening and Cessation Intervention	No	Process	Yes	Yes	Yes	No	Yes	Yes
236	Controlling High Blood Pressure	Yes	Intermediate Outcome	Yes	Yes	Yes	No	Yes	Yes
238	Use of High-Risk Medications in the Elderly	Yes	Process	No	Yes	No	No	Yes	No
239	Weight Assessment and Counseling for Nutrition and Physical Activity for Children and Adolescents	No	Process	No	Yes	No	No	No	No
240	Childhood Immunization Status	No	Process	No	Yes	No	No	No	No
243	Cardiac Rehabilitation Patient Referral from an Outpatient Setting	Yes	Process	No	No	No	No	Yes	No
249	Barrett's Esophagus	No	Process	Yes	No	No	No	Yes	No
250	Radical Prostatectomy Pathology Reporting	No	Process	Yes	No	No	No	Yes	No
251	Quantitative Immunohistochemical (IHC) Evaluation of Human Epidermal Growth Factor Receptor 2 Testing (HER2) for Breast Cancer Patients	No	Structure	Yes	No	No	No	Yes	No
254	Ultrasound Determination of Pregnancy Location for Pregnant Patients with Abdominal Pain	No	Process	Yes	No	No	No	Yes	No



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255	Rh Immunoglobulin (Rhogam) for Rh-Negative Pregnant Women at Risk of Fetal Blood Exposure	No	Process	Yes	No	No	No	Yes	No
257	Statin Therapy at Discharge after Lower Extremity Bypass (LEB)	No	Process	No	No	No	No	Yes	No
258	Rate of Open Repair of Small or Moderate Non-Ruptured Infrarenal Abdominal Aortic Aneurysms (AAA) without Major Complications (Discharged to Home by Post-Operative Day #7)	Yes	Outcome	No	No	No	No	Yes	No
259	Rate of Endovascular Aneurysm Repair (EVAR) of Small or Moderate Non-Ruptured Infrarenal Abdominal Aortic Aneurysms (AAA) without Major Complications (Discharged to Home by Post Operative Day #2)	Yes	Outcome	No	No	No	No	Yes	No
260	Rate of Carotid Endarterectomy (CEA) for Asymptomatic Patients, without Major Complications (Discharged to Home by Post-Operative Day #2)	Yes	Outcome	No	No	No	No	Yes	No
261	Referral for Otologic Evaluation for Patients with Acute or Chronic Dizziness	Yes	Process	Yes	No	No	No	Yes	No
262	Image Confirmation of Successful Excision of Image-Localized Breast Lesion	Yes	Process	No	No	No	No	Yes	No
263	Preoperative Diagnosis of Breast Cancer	No	Process	No	No	No	No	Yes	No
264	Sentinel Lymph Node Biopsy for Invasive Breast Cancer	No	Process	No	No	No	No	Yes	No

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265	Biopsy Follow-Up	Yes	Process	No	No	No	No	Yes	No
268	Epilepsy: Counseling for Women of Childbearing Potential with Epilepsy	No	Process	Yes	No	No	No	Yes	No
271	Inflammatory Bowel Disease (IBD): Preventive Care: Corticosteroid Related Iatrogenic Injury – Bone Loss Assessment	No	Process	No	No	No	No	Yes	No
275	Inflammatory Bowel Disease (IBD): Assessment of Hepatitis B Virus (HBV) Status Before Initiating Anti-TNF (Tumor Necrosis Factor) Therapy	No	Process	No	No	No	No	Yes	No
276	Sleep Apnea: Assessment of Sleep Symptoms	No	Process	No	No	No	No	Yes	No
277	Sleep Apnea: Severity Assessment at Initial Diagnosis	No	Process	No	No	No	No	Yes	No
278	Sleep Apnea: Positive Airway Pressure Therapy Prescribed	No	Process	No	No	No	No	Yes	No
279	Sleep Apnea: Assessment of Adherence to Positive Airway Pressure Therapy	No	Process	No	No	No	No	Yes	No
281	Dementia: Cognitive Assessment	No	Process	No	Yes	No	No	No	No
282	Dementia: Functional Status Assessment	No	Process	No	No	No	No	Yes	No
283	Dementia Associated Behavioral and Psychiatric Symptoms Screening and Management	No	Process	No	No	No	No	Yes	No
286	Dementia: Safety Concerns Screening and Mitigation Recommendations or Referral for Patients with Dementia	Yes	Process	No	No	No	No	Yes	No
288	Dementia: Caregiver Education and Support	Yes	Process	No	No	No	No	Yes	No



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290	Parkinson's Disease: Psychiatric Symptoms Assessment for Patients with Parkinson's Disease	No	Process	No	No	No	No	Yes	No
291	Parkinson's Disease: Cognitive Impairment or Dysfunction Assessment	No	Process	No	No	No	No	Yes	No
293	Parkinson's Disease: Rehabilitative Therapy Options	Yes	Process	No	No	No	No	Yes	No
303	Cataracts: Improvement in Patient's Visual Function within 90 Days Following Cataract Surgery	Yes	Outcome	No	No	No	No	Yes	No
304	Cataracts: Patient Satisfaction within 90 Days Following Cataract Surgery	Yes	Outcome	No	No	No	No	Yes	No
305	Initiation and Engagement of Alcohol and Other Drug Dependence Treatment	No	Process	No	Yes	No	No	No	No
309	Cervical Cancer Screening	No	Process	No	Yes	No	No	No	No
310	Chlamydia Screening for Women	No	Process	No	Yes	No	No	No	No
317	Preventive Care and Screening: Screening for High Blood Pressure and Follow-Up Documented	No	Process	Yes	Yes	No	No	Yes	No
318	Falls: Screening for Future Fall Risk	Yes	Process	No	Yes	Yes	No	No	X
320	Appropriate Follow-Up Interval for Normal Colonoscopy in Average Risk Patients	Yes	Process	Yes	No	No	No	Yes	No
321	CAHPS for MIPS Clinician/Group Survey	Yes	Patient Engagement/ Experience	No	No	No	No	No	Yes



2018 MIPS Quality Measures

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322	Cardiac Stress Imaging Not Meeting Appropriate Use Criteria: Preoperative Evaluation in Low Risk Surgery Patients	Yes	Efficiency	No	No	No	No	Yes	No
323	Cardiac Stress Imaging Not Meeting Appropriate Use Criteria: Routine Testing After Percutaneous Coronary Intervention (PCI)	Yes	Efficiency	No	No	No	No	Yes	No
324	Cardiac Stress Imaging Not Meeting Appropriate Use Criteria: Testing in Asymptomatic, Low-Risk Patients	Yes	Efficiency	No	No	No	No	Yes	No
325	Adult Major Depressive Disorder (MDD): Coordination of Care of Patients with Specific Comorbid Conditions	Yes	Process	No	No	No	No	Yes	No
326	Atrial Fibrillation and Atrial Flutter: Chronic Anticoagulation Therapy	No	Process	Yes	No	No	No	Yes	No
327	Pediatric Kidney Disease: Adequacy of Volume Management	No	Process	No	No	No	No	Yes	No
328	Pediatric Kidney Disease: ESRD Patients Receiving Dialysis: Hemoglobin Level < 10g/dL	Yes	Intermediate Outcome	No	No	No	No	Yes	No
329	Adult Kidney Disease: Catheter Use at Initiation of Hemodialysis	Yes	Outcome	No	No	No	No	Yes	No
330	Adult Kidney Disease: Catheter Use for Greater Than or Equal to 90 Days	Yes	Outcome	No	No	No	No	Yes	No
331	Adult Sinusitis: Antibiotic Prescribed for Acute Viral Sinusitis (Overuse)	Yes	Process	No	No	No	No	Yes	No

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2018 MIPS Quality Measures

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332	Adult Sinusitis: Appropriate Choice of Antibiotic: Amoxicillin With or Without Clavulanate Prescribed for Patients with Acute Bacterial Sinusitis (Appropriate Use)	Yes	Process	No	No	No	No	Yes	No
333	Adult Sinusitis: Computerized Tomography (CT) for Acute Sinusitis (Overuse)	Yes	Efficiency	No	No	No	No	Yes	No
334	Adult Sinusitis: More than One Computerized Tomography (CT) Scan Within 90 Days for Chronic Sinusitis (Overuse)	Yes	Efficiency	No	No	No	No	Yes	No
335	Maternity Care: Elective Delivery or Early Induction Without Medical Indication at ≥ 37 and < 39 Weeks (Overuse)	Yes	Outcome	No	No	No	No	Yes	No
336	Maternity Care: Post-Partum Follow-Up and Care Coordination	Yes	Process	No	No	No	No	Yes	No
337	Psoriasis: Tuberculosis (TB) Prevention for Patients with Psoriasis, Psoriatic Arthritis and Rheumatoid Arthritis Patients on a Biological Immune Response Modifier	No	Process	No	No	No	No	Yes	No
338	HIV Viral Load Suppression	Yes	Outcome	No	No	No	No	Yes	No
340	HIV Medical Visit Frequency	Yes	Process	No	No	No	No	Yes	No
342	Pain Brought Under Control Within 48 Hours	Yes	Outcome	No	No	No	No	Yes	No
343	Screening Colonoscopy Adenoma Detection Rate	Yes	Outcome	No	No	No	No	Yes	No



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344	Rate of Carotid Artery Stenting (CAS) for Asymptomatic Patients, Without Major Complications (Discharged to Home by Post-Operative Day #2)	Yes	Outcome	No	No	No	No	Yes	No
345	Rate of Asymptomatic Patients Undergoing Carotid Artery Stenting (CAS) Who Are Stroke Free or Discharged Alive	Yes	Outcome	No	No	No	No	Yes	No
346	Rate of Asymptomatic Patients Undergoing Carotid Endarterectomy (CEA) Who Are Stroke Free or Discharged Alive	Yes	Outcome	No	No	No	No	Yes	No
347	Rate of Endovascular Aneurysm Repair (EVAR) of Small or Moderate Non-Ruptured Infrarenal Abdominal Aortic Aneurysms (AAA) Who Are Discharged Alive	Yes	Outcome	No	No	No	No	Yes	No
348	HRS-3: Implantable Cardioverter-Defibrillator (ICD) Complications Rate	Yes	Outcome	No	No	No	No	Yes	No
350	Total Knee Replacement: Shared Decision-Making: Trial of Conservative (Non-surgical) Therapy	Yes	Process	No	No	No	No	Yes	No
351	Total Knee Replacement: Venous Thromboembolic and Cardiovascular Risk Evaluation	Yes	Process	No	No	No	No	Yes	No
352	Total Knee Replacement: Preoperative Antibiotic Infusion with Proximal Tourniquet	Yes	Process	No	No	No	No	Yes	No
353	Total Knee Replacement: Identification of Implanted Prosthesis in Operative Report	Yes	Process	No	No	No	No	Yes	No
354	Anastomotic Leak Intervention	Yes	Outcome	No	No	No	No	Yes	No
355	Unplanned Reoperation within the 30 Day Postoperative Period	Yes	Outcome	No	No	No	No	Yes	No



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356	Unplanned Hospital Readmission within 30 Days of Principal Procedure	Yes	Outcome	No	No	No	No	Yes	No
357	Surgical Site Infection (SSI)	Yes	Outcome	No	No	No	No	Yes	No
358	Patient-Centered Surgical Risk Assessment and Communication	Yes	Process	No	No	No	No	Yes	No
359	Optimizing Patient Exposure to Ionizing Radiation: Utilization of a Standardized Nomenclature for Computed Tomography (CT) Imaging Description	Yes	Process	No	No	No	No	Yes	No
360	Optimizing Patient Exposure to Ionizing Radiation: Count of Potential High Dose Radiation Imaging Studies: Computed Tomography (CT) and Cardiac Nuclear Medicine Studies	Yes	Process	No	No	No	No	Yes	No
361	Optimizing Patient Exposure to Ionizing Radiation: Reporting to a Radiation Dose Index Registry	Yes	Structure	No	No	No	No	Yes	No
362	Optimizing Patient Exposure to Ionizing Radiation: Computed Tomography (CT) Images Available for Patient Follow-up and Comparison	Yes	Structure	No	No	No	No	Yes	No
363	Optimizing Patient Exposure to Ionizing Radiation: Search for Prior Computed Tomography (CT) Studies Through a Secure, Authorized, Media-Free, Shared Archive	Yes	Structure	No	No	No	No	Yes	No
364	Optimizing Patient Exposure to Ionizing Radiation: Appropriateness: Follow-up CT Imaging for Incidentally Detected Pulmonary Nodules According to Recommended Guidelines	Yes	Process	No	No	No	No	Yes	No

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366	Follow-Up Care for Children Prescribed ADHD Medication (ADD)	No	Process	No	Yes	No	No	No	No
367	Bipolar Disorder and Major Depression: Appraisal for alcohol or chemical substance use	No	Process	No	Yes	No	No	No	No
369	Pregnant women that had HBsAg testing	No	Process	No	Yes	No	No	No	No
370	Depression Remission at Twelve Months	Yes	Outcome	No	Yes	Yes	No	Yes	Yes
371	Depression Utilization of the PHQ-9 Tool	No	Process	No	Yes	No	No	No	No
372	Maternal Depression Screening	No	Process	No	Yes	No	No	No	No
373	Hypertension: Improvement in Blood Pressure	Yes	Intermediate Outcome	No	Yes	No	No	No	No
374	Closing the Referral Loop: Receipt of Specialist Report	Yes	Process	No	Yes	No	No	Yes	No
375	Functional Status Assessment for Total Knee Replacement	Yes	Process	No	Yes	No	No	No	No
376	Functional Status Assessment for Total Hip Replacement	Yes	Process	No	Yes	No	No	No	No
377	Functional Status Assessments for Congestive Heart Failure	Yes	Process	No	Yes	No	No	No	No
378	Children Who Have Dental Decay or Cavities	Yes	Outcome	No	Yes	No	No	No	No
379	Primary Caries Prevention Intervention as Offered by Primary Care Providers, including Dentists	No	Process	No	Yes	No	No	No	No
382	Child and Adolescent Major Depressive Disorder (MDD): Suicide Risk Assessment	Yes	Process	No	Yes	No	No	No	No
383	Adherence to Antipsychotic Medications For Individuals with Schizophrenia	Yes	Intermediate Outcome	No	No	No	No	Yes	No

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2018 MIPS Quality Measures

Measure Number	Measure Name	High Priority	Measure Type	Claims	EHR	CMS Web Interface	Administrative Claims	Registry	ACOs
384	Adult Primary Rhegmatogenous Retinal Detachment Surgery: No Return to the Operating Room Within 90 Days of Surgery	Yes	Outcome	No	No	No	No	Yes	No
385	Adult Primary Rhegmatogenous Retinal Detachment Surgery: Visual Acuity Improvement Within 90 Days of Surgery	Yes	Outcome	No	No	No	No	Yes	No
386	Amyotrophic Lateral Sclerosis (ALS) Patient Care Preferences	Yes	Process	No	No	No	No	Yes	No
387	Annual Hepatitis C Virus (HCV) Screening for Patients who are Active Injection Drug Users	No	Process	No	No	No	No	Yes	No
388	Cataract Surgery with Intra-Operative Complications (Unplanned Rupture of Posterior Capsule Requiring Unplanned Vitrectomy)	Yes	Outcome	No	No	No	No	Yes	No
389	Cataract Surgery: Difference Between Planned and Final Refraction	Yes	Outcome	No	No	No	No	Yes	No
390	Hepatitis C: Discussion and Shared Decision Making Surrounding Treatment Options	Yes	Process	No	No	No	No	Yes	No
391	Follow-Up After Hospitalization for Mental Illness (FUH)	Yes	Process	No	No	No	No	Yes	No
392	HRS-12: Cardiac Tamponade and/or Pericardiocentesis Following Atrial Fibrillation Ablation	Yes	Outcome	No	No	No	No	Yes	No
393	HRS-9: Infection within 180 Days of Cardiac Implantable Electronic Device (CIED) Implantation, Replacement, or Revision	Yes	Outcome	No	No	No	No	Yes	No
394	Immunizations for Adolescents	No	Process	No	No	No	No	Yes	No



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395	Lung Cancer Reporting (Biopsy/Cytology Specimens)	Yes	Process	Yes	No	No	No	Yes	No
396	Lung Cancer Reporting (Resection Specimens)	Yes	Process	Yes	No	No	No	Yes	No
397	Melanoma Reporting	Yes	Process	Yes	No	No	No	Yes	No
398	Optimal Asthma Control	Yes	Outcome	No	No	No	No	Yes	No
400	One-Time Screening for Hepatitis C Virus (HCV) for Patients at Risk	No	Process	No	No	No	No	Yes	No
401	Hepatitis C: Screening for Hepatocellular Carcinoma (HCC) in Patients with Cirrhosis	No	Process	No	No	No	No	Yes	No
402	Tobacco Use and Help with Quitting Among Adolescents	No	Process	No	No	No	No	Yes	No
403	Adult Kidney Disease: Referral to Hospice	Yes	Process	No	No	No	No	Yes	No
404	Anesthesiology Smoking Abstinence	Yes	Intermediate Outcome	No	No	No	No	Yes	No
405	Appropriate Follow-up Imaging for Incidental Abdominal Lesions	Yes	Process	Yes	No	No	No	Yes	No
406	Appropriate Follow-up Imaging for Incidental Thyroid Nodules in Patients	Yes	Process	Yes	No	No	No	Yes	No
407	Appropriate Treatment of Methicillin-Sensitive Staphylococcus Aureus (MSSA) Bacteremia	Yes	Process	Yes	No	No	No	Yes	No
408	Opioid Therapy Follow-up Evaluation	No	Process	No	No	No	No	Yes	No
409	Clinical Outcome Post Endovascular Stroke Treatment	Yes	Outcome	No	No	No	No	Yes	No
410	Psoriasis: Clinical Response to Oral Systemic or Biologic Medications	Yes	Outcome	No	No	No	No	Yes	No
411	Depression Remission at Six Months	Yes	Outcome	No	No	No	No	Yes	No
412	Documentation of Signed Opioid Treatment Agreement	No	Process	No	No	No	No	Yes	No

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413	Door to Puncture Time for Endovascular Stroke Treatment	Yes	Intermediate Outcome	No	No	No	No	Yes	No
414	Evaluation or Interview for Risk of Opioid Misuse	No	Process	No	No	No	No	Yes	No
415	Emergency Medicine: Emergency Department Utilization of CT for Minor Blunt Head Trauma for Patients Aged 18 Years and Older	Yes	Efficiency	Yes	No	No	No	Yes	No
416	Emergency Medicine: Emergency Department Utilization of CT for Minor Blunt Head Trauma for Patients Aged 2 Through 17 Years	Yes	Efficiency	Yes	No	No	No	Yes	No
417	Rate of Open Repair of Small or Moderate Abdominal Aortic Aneurysms (AAA) Where Patients Are Discharged Alive	Yes	Outcome	No	No	No	No	Yes	No
418	Osteoporosis Management in Women Who Had a Fracture	No	Process	Yes	No	No	No	Yes	No
419	Overuse Of Neuroimaging For Patients With Primary Headache And A Normal Neurological Examination	Yes	Efficiency	Yes	No	No	No	Yes	No
420	Varicose Vein Treatment with Saphenous Ablation: Outcome Survey	Yes	Outcome	No	No	No	No	Yes	No
421	Appropriate Assessment of Retrievable Inferior Vena Cava (IVC) Filters for Removal	No	Process	No	No	No	No	Yes	No
422	Performing Cystoscopy at the Time of Hysterectomy for Pelvic Organ Prolapse to Detect Lower Urinary Tract Injury	Yes	Process	Yes	No	No	No	Yes	No
423	Perioperative Anti-platelet Therapy for Patients Undergoing Carotid Endarterectomy	No	Process	Yes	No	No	No	Yes	No



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424	Perioperative Temperature Management	Yes	Outcome	No	No	No	No	Yes	No
425	Photodocumentation of Cecal Intubation	No	Process	Yes	No	No	No	Yes	No
426	Post-Anesthetic Transfer of Care Measure: Procedure Room to a Post Anesthesia Care Unit (PACU)	Yes	Process	No	No	No	No	Yes	No
427	Post-Anesthetic Transfer of Care: Use of Checklist or Protocol for Direct Transfer of Care from Procedure Room to Intensive Care Unit (ICU)	Yes	Process	No	No	No	No	Yes	No
428	Pelvic Organ Prolapse: Preoperative Assessment of Occult Stress Urinary Incontinence	No	Process	No	No	No	No	Yes	No
429	Pelvic Organ Prolapse: Preoperative Screening for Uterine Malignancy	Yes	Process	Yes	No	No	No	Yes	No
430	Prevention of Post-Operative Nausea and Vomiting (PONV) – Combination Therapy	Yes	Process	No	No	No	No	Yes	No
431	Preventive Care and Screening: Unhealthy Alcohol Use: Screening & Brief Counseling	No	Process	No	No	No	No	Yes	No
432	Proportion of Patients Sustaining a Bladder Injury at the Time of any Pelvic Organ Prolapse Repair	Yes	Outcome	No	No	No	No	Yes	No
433	Proportion of Patients Sustaining a Bowel Injury at the time of any Pelvic Organ Prolapse Repair	Yes	Outcome	No	No	No	No	Yes	No
434	Proportion of Patients Sustaining a Ureter Injury at the Time of any Pelvic Organ Prolapse Repair	Yes	Outcome	No	No	No	No	Yes	No



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435	Quality of Life Assessment For Patients With Primary Headache Disorders	Yes	Outcome	Yes	No	No	No	Yes	No
436	Radiation Consideration for Adult CT: Utilization of Dose Lowering Techniques	No	Process	Yes	No	No	No	Yes	No
437	Rate of Surgical Conversion from Lower Extremity Endovascular Revascularization Procedure	Yes	Outcome	Yes	No	No	No	Yes	No
438	Statin Therapy for the Prevention and Treatment of Cardiovascular Disease	No	Process	No	Yes	Yes	No	Yes	Yes
439	Age Appropriate Screening Colonoscopy	Yes	Efficiency	No	No	No	No	Yes	No
440	Basal Cell Carcinoma (BCC)/Squamous Cell Carcinoma (SCC): Biopsy Reporting Time – Pathologist to Clinician	Yes	Process	No	No	No	No	Yes	No
441	Ischemic Vascular Disease (IVD) All or None Outcome Measure (Optimal Control)	Yes	Intermediate Outcome	No	No	No	No	Yes	No
442	Persistence of Beta-Blocker Treatment After a Heart Attack	No	Process	No	No	No	No	Yes	No
443	Non-Recommended Cervical Cancer Screening in Adolescent Females	Yes	Process	No	No	No	No	Yes	No
444	Medication Management for People with Asthma	Yes	Process	No	No	No	No	Yes	No
445	Risk-Adjusted Operative Mortality for Coronary Artery Bypass Graft (CABG)	Yes	Outcome	No	No	No	No	Yes	No
446	Operative Mortality Stratified by the Five STS-EACTS Mortality Categories	Yes	Outcome	No	No	No	No	Yes	No
447	Chlamydia Screening and Follow Up	No	Process	No	No	No	No	Yes	No

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448	Appropriate Work Up Prior to Endometrial Ablation	Yes	Process	No	No	No	No	Yes	No
449	HER2 Negative or Undocumented Breast Cancer Patients Spared Treatment with HER2-Targeted Therapies	Yes	Process	No	No	No	No	Yes	No
450	Trastuzumab Received By Patients With AJCC Stage I (T1c) – III And HER2 Positive Breast Cancer Receiving Adjuvant Chemotherapy	Yes	Process	No	No	No	No	Yes	No
451	RAS (KRAS and NRAS) Gene Mutation Testing Performed for Patients with Metastatic Colorectal Cancer who receive Anti-epidermal Growth Factor Receptor (EGFR) Monoclonal Antibody Therapy	No	Process	No	No	No	No	Yes	No
452	Patients with Metastatic Colorectal Cancer and RAS (KRAS or NRAS) 4 with Anti-epidermal Growth Factor Receptor (EGFR) Monoclonal Antibodies	Yes	Process	No	No	No	No	Yes	No
453	Proportion Receiving Chemotherapy in the Last 14 Days of Life	Yes	Process	No	No	No	No	Yes	No
454	Proportion of Patients who Died from Cancer with more than One Emergency Department Visit in the Last 30 Days of Life	Yes	Outcome	No	No	No	No	Yes	No
455	Proportion Admitted to the Intensive Care Unit (ICU) in the Last 30 Days of Life	Yes	Outcome	No	No	No	No	Yes	No
456	Proportion Not Admitted To Hospice	Yes	Process	No	No	No	No	Yes	No
457	Proportion Admitted to Hospice for less than 3 days	Yes	Outcome	No	No	No	No	Yes	No
458	All-cause Hospital Readmission	Yes	Outcome	No	No	No	Yes	No	Yes

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459	Average Change in Back Pain following Lumbar Discectomy / Laminotomy	Yes	Outcome	No	No	No	No	Yes	No
460	Average Change in Back Pain following Lumbar Fusion	Yes	Outcome	No	No	No	No	Yes	No
461	Average Change in Leg Pain following Lumbar Discectomy and/or Laminotomy	Yes	Outcome	No	No	No	No	Yes	No
462	Bone Density Evaluation for Patients with Prostate Cancer and Receiving Androgen Deprivation Therapy	No	Process	No	Yes	No	No	No	No
463	Prevention of Post-Operative Vomiting (POV) - Combination Therapy (Pediatrics)	No	Process	No	No	No	No	Yes	No
464	Otitis Media with Effusion (OME): Systemic Antimicrobials-Avoidance of Inappropriate Use	Yes	Process	No	No	No	No	Yes	No
465	Uterine Artery Embolization Technique: Documentation of Angiographic Endpoints and Interrogation of Ovarian Arteries	Yes	Process	No	No	No	No	Yes	No
467	Developmental Screening in the First Three Years of Life	No	Process	No	No	No	No	Yes	No