



2017 MIPS Quality Measures

Measure Number	Measure Name	High Priority	Measure Type	Submission Method
1	Diabetes: Hemoglobin A1c (HbA1c) Poor Control (>9%)	Yes	Intermediate Outcome	Claims, EHR, CMS Web Interface, Registry
5	Heart Failure (HF): Angiotensin-Converting Enzyme (ACE) Inhibitor or Angiotensin Receptor Blocker (ARB) Therapy for Left Ventricular Systolic Dysfunction (LVSD)	No	Process	EHR, Registry
6	Coronary Artery Disease (CAD): Antiplatelet Therapy	No	Process	Registry
7	Coronary Artery Disease (CAD): Beta-Blocker Therapy-Prior Myocardial Infarction (MI) or Left Ventricular Systolic Dysfunction (LVEF <40%)	No	Process	EHR, Registry
8	Heart Failure (HF): Beta-Blocker Therapy for Left Ventricular Systolic Dysfunction (LVSD)	No	Process	EHR, Registry
9	Anti-Depressant Medication Management	No	Process	EHR
12	Primary Open-Angle Glaucoma (POAG): Optic Nerve Evaluation	No	Process	Claims, EHR, Registry
14	Age-Related Macular Degeneration (AMD): Dilated Macular Examination	No	Process	Claims, Registry
18	Diabetic Retinopathy: Documentation of Presence or Absence of Macular Edema and Level of Severity of Retinopathy	No	Process	EHR
19	Diabetic Retinopathy: Communication with the Physician Managing Ongoing Diabetes Care	Yes	Process	Claims, EHR, Registry
21	Perioperative Care: Selection of Prophylactic Antibiotic - First OR Second Generation Cephalosporin	Yes	Process	Claims, Registry
23	Perioperative Care: Venous Thromboembolism (VTE) Prophylaxis (When Indicated in ALL Patients)	Yes	Process	Claims, Registry
24	Communication with the Physician or Other Clinician Managing On-going Care Post-Fracture for Men and Women Aged 50 Years and Older	Yes	Process	Claims, Registry
32	Stroke and Stroke Rehabilitation: Discharged on Antithrombotic Therapy	No	Process	Claims, Registry
39	Screening for Osteoporosis for Women Aged 65-85 Years of Age	No	Process	Claims, Registry
43	Coronary Artery Bypass Graft (CABG): Use of Internal Mammary Artery (IMA) in Patients with Isolated CABG Surgery	No	Process	Registry
44	Coronary Artery Bypass Graft (CABG): Preoperative Beta-Blocker in Patients with Isolated CABG Surgery	No	Process	Registry
46	Medication Reconciliation Post-Discharge	Yes	Process	Claims, CMS Web Interface, Registry
47	Care Plan	Yes	Process	Claims, Registry



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48	Urinary Incontinence: Assessment of Presence or Absence of Urinary Incontinence in Women Aged 65 Years and Older	No	Process	Claims, Registry
50	Urinary Incontinence: Plan of Care for Urinary Incontinence in Women Aged 65 Years and Older	Yes	Process	Claims, Registry
51	Chronic Obstructive Pulmonary Disease (COPD): Spirometry Evaluation	No	Process	Claims, Registry
52	Chronic Obstructive Pulmonary Disease (COPD): Long-Acting Inhaled Bronchodilator Therapy	No	Process	Claims, Registry
65	Appropriate Treatment for Children with Upper Respiratory Infection (URI)	Yes	Process	EHR, Registry
66	Appropriate Testing for Children with Pharyngitis	Yes	Process	EHR, Registry
67	Hematology: Myelodysplastic Syndrome (MDS) and Acute Leukemias: Baseline Cytogenetic Testing Performed on Bone Marrow	No	Process	Registry
68	Hematology: Myelodysplastic Syndrome (MDS): Documentation of Iron Stores in Patients Receiving Erythropoietin Therapy	No	Process	Registry
69	Hematology: Multiple Myeloma: Treatment with Bisphosphonates	No	Process	Registry
70	Hematology: Chronic Lymphocytic Leukemia (CLL): Baseline Flow Cytometry	No	Process	Registry
76	Prevention of Central Venous Catheter (CVC) - Related Bloodstream Infections	Yes	Process	Claims, Registry
91	Acute Otitis Externa (AOE): Topical Therapy	Yes	Process	Claims, Registry
93	Acute Otitis Externa (AOE): Systemic Antimicrobial Therapy - Avoidance of Inappropriate Use	Yes	Process	Claims, Registry
99	Breast Cancer Resection Pathology Reporting: pT Category (Primary Tumor) and pN Category (Regional Lymph Nodes) with Histologic Grade	No	Process	Claims, Registry
100	Colorectal Cancer Resection Pathology Reporting: pT Category (Primary Tumor) and pN Category (Regional Lymph Nodes) with Histologic Grade	No	Process	Claims, Registry
102	Prostate Cancer: Avoidance of Overuse of Bone Scan for Staging Low Risk Prostate Cancer Patients	Yes	Process	EHR, Registry
104	Prostate Cancer: Adjuvant Hormonal Therapy for High Risk or Very High Risk Prostate Cancer	No	Process	Registry
107	Adult Major Depressive Disorder (MDD): Suicide Risk Assessment	No	Process	EHR
109	Osteoarthritis (OA): Function and Pain Assessment	Yes	Process	Claims, Registry Claims, EHR, CMS
110	Preventive Care and Screening: Influenza Immunization	No	Process	Web Interface, Registry Claims, EHR, CMS
111	Pneumococcal Vaccination Status for Older Adults	No	Process	Web Interface, Registry



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112	Breast Cancer Screening	No	Process	Claims, EHR, CMS Web Interface, Registry
113	Colorectal Cancer Screening	No	Process	Claims, EHR, CMS Web Interface, Registry
116	Avoidance of Antibiotic Treatment in Adults With Acute Bronchitis	Yes	Process	Registry
117	Diabetes: Eye Exam	No	Process	Claims, EHR, CMS Web Interface, Registry
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	Registry
119	Diabetes: Medical Attention for Nephropathy	No	Process	EHR, Registry
122	Adult Kidney Disease: Blood Pressure Management	Yes	Intermediate Outcome	Registry
126	Diabetes Mellitus: Diabetic Foot and Ankle Care, Peripheral Neuropathy - Neurological Evaluation	No	Process	Registry
127	Diabetes Mellitus: Diabetic Foot and Ankle Care, Ulcer Prevention - Evaluation of Footwear	No	Process	Registry
128	Preventive Care and Screening: Body Mass Index (BMI) Screening and Follow-Up Plan	No	Process	Claims, EHR, CMS Web Interface, Registry
130	Documentation of Current Medications in the Medical Record	Yes	Process	Claims, EHR, Registry
131	Pain Assessment and Follow-Up	Yes	Process	Claims, Registry
134	Preventive Care and Screening: Screening for Clinical Depression and Follow-Up Plan	No	Process	Claims, EHR, CMS Web Interface, Registry
137	Melanoma: Continuity of Care - Recall System	Yes	Structure	Registry
138	Melanoma: Coordination of Care	Yes	Process	Registry
140	Age-Related Macular Degeneration (AMD): Counseling on Antioxidant Supplement	No	Process	Claims, Registry
141	Primary Open-Angle Glaucoma (POAG): Reduction of Intraocular Pressure (IOP) by 15% OR Documentation of a Plan of Care	Yes	Outcome	Claims, Registry



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143	Oncology: Medical and Radiation - Pain Intensity Quantified	Yes	Process	EHR, Registry
144	Oncology: Medical and Radiation - Plan of Care for Pain	Yes	Process	Registry
145	Radiology: Exposure Dose or Time Reported for Procedures Using Fluoroscopy	Yes	Process	Claims, Registry
146	Radiology: Inappropriate Use of Probably Benign" Assessment Category in Screening Mammograms"	Yes	Process	Claims, Registry
147	Nuclear Medicine: Correlation with Existing Imaging Studies for All Patients Undergoing Bone Scintigraphy	Yes	Process	Claims, Registry
154	Falls: Risk Assessment	Yes	Process	Claims, Registry
155	Falls: Plan of Care	Yes	Process	Claims, Registry
156	Oncology: Radiation Dose Limits to Normal Tissues	Yes	Process	Claims, Registry
160	HIV/AIDS: Pneumocystis Jiroveci Pneumonia (PCP) Prophylaxis	No	Process	EHR
163	Diabetes: Foot Exam	No	Process	EHR
164	Coronary Artery Bypass Graft (CABG): Prolonged Intubation	Yes	Outcome	Registry
165	Coronary Artery Bypass Graft (CABG): Deep Sternal Wound Infection Rate	Yes	Outcome	Registry
166	Coronary Artery Bypass Graft (CABG): Stroke	Yes	Outcome	Registry
167	Coronary Artery Bypass Graft (CABG): Postoperative Renal Failure	Yes	Outcome	Registry
168	Coronary Artery Bypass Graft (CABG): Surgical Re-Exploration	Yes	Outcome	Registry
176	Rheumatoid Arthritis (RA): Tuberculosis Screening	No	Process	Registry
177	Rheumatoid Arthritis (RA): Periodic Assessment of Disease Activity	No	Process	Registry
178	Rheumatoid Arthritis (RA): Functional Status Assessment	No	Process	Registry
179	Rheumatoid Arthritis (RA): Assessment and Classification of Disease Prognosis	No	Process	Registry
180	Rheumatoid Arthritis (RA): Glucocorticoid Management	No	Process	Registry
181	Elder Maltreatment Screen and Follow-Up Plan	Yes	Process	Claims, Registry
182	Functional Outcome Assessment	Yes	Process	Claims, Registry
185	Colonoscopy Interval for Patients with a History of Adenomatous Polyps - Avoidance of Inappropriate Use	Yes	Process	Claims, Registry
187	Stroke and Stroke Rehabilitation: Thrombolytic Therapy	No	Process	Registry
191	Cataracts: 20/40 or Better Visual Acuity within 90 Days Following Cataract Surgery	Yes	Outcome	EHR, Registry
192	Cataracts: Complications within 30 Days Following Cataract Surgery Requiring Additional Surgical Procedures	Yes	Outcome	EHR, Registry
195	Radiology: Stenosis Measurement in Carotid Imaging Reports	No	Process	Claims, Registry

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204	Ischemic Vascular Disease (IVD): Use of Aspirin or Another Antiplatelet	No	Process	Claims, EHR, CMS Web Interface, Registry
205	HIV/AIDS: Sexually Transmitted Disease Screening for Chlamydia, Gonorrhea, and Syphilis	No	Process	Registry
217	Functional Status Change for Patients with Knee Impairments	Yes	Outcome	Registry
218	Functional Status Change for Patients with Hip Impairments	Yes	Outcome	Registry
219	Functional Status Change for Patients with Foot or Ankle Impairments	Yes	Outcome	Registry
220	Functional Status Change for Patients with Lumbar Impairments	Yes	Outcome	Registry
221	Functional Status Change for Patients with Shoulder Impairments	Yes	Outcome	Registry
222	Functional Status Change for Patients with Elbow, Wrist or Hand Impairments	Yes	Outcome	Registry
223	Functional Status Change for Patients with General Orthopaedic Impairments	Yes	Outcome	Registry
224	Melanoma: Overutilization of Imaging Studies in Melanoma	Yes	Process	Registry
225	Radiology: Reminder System for Screening Mammograms	Yes	Structure	Claims, Registry
226	Preventive Care and Screening: Tobacco Use: Screening and Cessation Intervention	No	Process	Claims, EHR, CMS Web Interface, Registry
236	Controlling High Blood Pressure	Yes	Intermediate Outcome	Claims, EHR, CMS Web Interface, Registry
238	Use of High-Risk Medications in the Elderly	Yes	Process	EHR, Registry
239	Weight Assessment and Counseling for Nutrition and Physical Activity for Children and Adolescents	No	Process	EHR
240	Childhood Immunization Status	No	Process	EHR
243	Cardiac Rehabilitation Patient Referral from an Outpatient Setting	Yes	Process	Registry
249	Barrett's Esophagus	No	Process	Claims, Registry
250	Radical Prostatectomy Pathology Reporting	No	Process	Claims, Registry
251	Quantitative Immunohistochemical (IHC) Evaluation of Human Epidermal Growth Factor Receptor 2 Testing (HER2) for Breast Cancer Patients	No	Structure	Claims, Registry
254	Ultrasound Determination of Pregnancy Location for Pregnant Patients with Abdominal Pain	No	Process	Claims, Registry
255	Rh Immunoglobulin (Rhogam) for Rh-Negative Pregnant Women at Risk of Fetal Blood Exposure	No	Process	Claims, Registry
257	Statin Therapy at Discharge after Lower Extremity Bypass (LEB)	No	Process	Registry



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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	Registry
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	Registry
260	Rate of Carotid Endarterectomy (CEA) for Asymptomatic Patients, without Major Complications (Discharged to Home by Post-Operative Day #2)	Yes	Outcome	Registry
261	Referral for Otologic Evaluation for Patients with Acute or Chronic Dizziness	Yes	Process	Claims, Registry
262	Image Confirmation of Successful Excision of Image-Localized Breast Lesion	Yes	Process	Registry
263	Preoperative Diagnosis of Breast Cancer	No	Process	Registry
264	Sentinel Lymph Node Biopsy for Invasive Breast Cancer	No	Process	Registry
265	Biopsy Follow-Up	Yes	Process	Registry
268	Epilepsy: Counseling for Women of Childbearing Potential with Epilepsy	No	Process	Claims, Registry
271	Inflammatory Bowel Disease (IBD): Preventive Care: Corticosteroid Related Iatrogenic Injury - Bone Loss Assessment	No	Process	Registry
275	Inflammatory Bowel Disease (IBD): Assessment of Hepatitis B Virus (HBV) Status Before Initiating Anti-TNF (Tumor Necrosis Factor) Therapy	No	Process	Registry
276	Sleep Apnea: Assessment of Sleep Symptoms	No	Process	Registry
277	Sleep Apnea: Severity Assessment at Initial Diagnosis	No	Process	Registry
278	Sleep Apnea: Positive Airway Pressure Therapy Prescribed	No	Process	Registry
279	Sleep Apnea: Assessment of Adherence to Positive Airway Pressure Therapy	No	Process	Registry
281	Dementia: Cognitive Assessment	No	Process	EHR
282	Dementia: Functional Status Assessment	No	Process	Registry
283	Dementia: Neuropsychiatric Symptom Assessment	No	Process	Registry
284	Dementia: Management of Neuropsychiatric Symptoms	No	Process	Registry
286	Dementia: Counseling Regarding Safety Concerns	Yes	Process	Registry
288	Dementia: Caregiver Education and Support	Yes	Process	Registry
290	Parkinson's Disease: Psychiatric Symptoms Assessment for Patients with Parkinson's Disease	No	Process	Registry
291	Parkinson's Disease: Cognitive Impairment or Dysfunction Assessment	No	Process	Registry
293	Parkinson's Disease: Rehabilitative Therapy Options	Yes	Process	Registry
294	Parkinson's Disease: Parkinson's Disease Medical and Surgical Treatment Options Reviewed	Yes	Process	Registry
303	Cataracts: Improvement in Patient's Visual Function within 90 Days Following Cataract Surgery	Yes	Outcome	Registry



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304	Cataracts: Patient Satisfaction within 90 Days Following Cataract Surgery	Yes	Outcome	Registry
305	Initiation and Engagement of Alcohol and Other Drug Dependence Treatment	No	Process	EHR
309	Cervical Cancer Screening	No	Process	EHR
310	Chlamydia Screening for Women	No	Process	EHR
312	Use of Imaging Studies for Low Back Pain	Yes	Process	EHR
317	Preventive Care and Screening: Screening for High Blood Pressure and Follow-Up Documented	No	Process	Claims, EHR, Registry
318	Falls: Screening for Future Fall Risk	Yes	Process	EHR, CMS Web Interface
320	Appropriate Follow-Up Interval for Normal Colonoscopy in Average Risk Patients	Yes	Process	Claims, Registry
321	CAHPS for PQRS Clinician/Group Survey	Yes	Patient Engagement/Experience	CSV
322	Cardiac Stress Imaging Not Meeting Appropriate Use Criteria: Preoperative Evaluation in Low Risk Surgery Patients	Yes	Efficiency	Registry
323	Cardiac Stress Imaging Not Meeting Appropriate Use Criteria: Routine Testing After Percutaneous Coronary Intervention (PCI)	Yes	Efficiency	Registry
324	Cardiac Stress Imaging Not Meeting Appropriate Use Criteria: Testing in Asymptomatic, Low-Risk Patients	Yes	Efficiency	Registry
325	Adult Major Depressive Disorder (MDD): Coordination of Care of Patients with Specific Comorbid Conditions	Yes	Process	Registry
326	Atrial Fibrillation and Atrial Flutter: Chronic Anticoagulation Therapy	No	Process	Claims, Registry
327	Pediatric Kidney Disease: Adequacy of Volume Management	Yes	Process	Registry
328	Pediatric Kidney Disease: ESRD Patients Receiving Dialysis: Hemoglobin Level < 10 g/dL	Yes	Intermediate Outcome	Registry
329	Adult Kidney Disease: Catheter Use at Initiation of Hemodialysis	Yes	Outcome	Registry
330	Adult Kidney Disease: Catheter Use for Greater Than or Equal to 90 Days	Yes	Outcome	Registry
331	Adult Sinusitis: Antibiotic Prescribed for Acute Sinusitis (Overuse)	Yes	Process	Registry
332	Adult Sinusitis: Appropriate Choice of Antibiotic: Amoxicillin With or Without Clavulanate Prescribed for Patients with Acute Bacterial Sinusitis (Appropriate Use)	Yes	Process	Registry
333	Adult Sinusitis: Computerized Tomography (CT) for Acute Sinusitis (Overuse)	Yes	Efficiency	Registry
334	Adult Sinusitis: More than One Computerized Tomography (CT) Scan Within 90 Days for Chronic Sinusitis (Overuse)	Yes	Efficiency	Registry



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335	Maternity Care: Elective Delivery or Early Induction Without Medical Indication at ≥ 37 and < 39 Weeks (Overuse)	Yes	Outcome	Registry
336	Maternity Care: Post-Partum Follow-Up and Care Coordination	Yes	Process	Registry
337	Tuberculosis (TB) Prevention for Psoriasis, Psoriatic Arthritis and Rheumatoid Arthritis Patients on a Biological Immune Response Modifier	No	Process	Registry
338	HIV Viral Load Suppression	Yes	Outcome	Registry
340	HIV Medical Visit Frequency	Yes	Process	Registry
342	Pain Brought Under Control Within 48 Hours	Yes	Outcome	Registry
343	Screening Colonoscopy Adenoma Detection Rate	Yes	Outcome	Registry
344	Rate of Carotid Artery Stenting (CAS) for Asymptomatic Patients, Without Major Complications (Discharged to Home by Post-Operative Day #2)	Yes	Outcome	Registry
345	Rate of Postoperative Stroke or Death in Asymptomatic Patients Undergoing Carotid Artery Stenting (CAS)	Yes	Outcome	Registry
346	Rate of Postoperative Stroke or Death in Asymptomatic Patients Undergoing Carotid Endarterectomy (CEA)	Yes	Outcome	Registry
347	Rate of Endovascular Aneurysm Repair (EVAR) of Small or Moderate Non-Ruptured Infrarenal Abdominal Aortic Aneurysms (AAA) Who Die While in Hospital	Yes	Outcome	Registry
348	HRS-3: Implantable Cardioverter-Defibrillator (ICD) Complications Rate	Yes	Outcome	Registry
350	Total Knee Replacement: Shared Decision-Making: Trial of Conservative (Non-surgical) Therapy	Yes	Process	Registry
351	Total Knee Replacement: Venous Thromboembolic and Cardiovascular Risk Evaluation	Yes	Process	Registry
352	Total Knee Replacement: Preoperative Antibiotic Infusion with Proximal Tourniquet	Yes	Process	Registry
353	Total Knee Replacement: Identification of Implanted Prosthesis in Operative Report	Yes	Process	Registry
354	Anastomotic Leak Intervention	Yes	Outcome	Registry
355	Unplanned Reoperation within the 30 Day Postoperative Period	Yes	Outcome	Registry
356	Unplanned Hospital Readmission within 30 Days of Principal Procedure	Yes	Outcome	Registry
357	Surgical Site Infection (SSI)	Yes	Outcome	Registry
358	Patient-Centered Surgical Risk Assessment and Communication	Yes	Process	Registry
359	Optimizing Patient Exposure to Ionizing Radiation: Utilization of a Standardized Nomenclature for Computed Tomography (CT) Imaging Description	Yes	Process	Registry
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	Registry
361	Optimizing Patient Exposure to Ionizing Radiation: Reporting to a Radiation Dose Index Registry	Yes	Structure	Registry



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362	Optimizing Patient Exposure to Ionizing Radiation: Computed Tomography (CT) Images Available for Patient Follow-up and Comparison Purposes	Yes	Structure	Registry
363	Optimizing Patient Exposure to Ionizing Radiation: Search for Prior Computed Tomography (CT) Studies Through a Secure, Authorized, Media-Free, Shared Archive	Yes	Structure	Registry
364	Optimizing Patient Exposure to Ionizing Radiation: Appropriateness: Follow-up CT Imaging for Incidentally Detected Pulmonary Nodules According to Recommended Guidelines	Yes	Process	Registry
366	ADHD: Follow-Up Care for Children Prescribed Attention-Deficit/Hyperactivity Disorder (ADHD) Medication	No	Process	EHR
367	Bipolar Disorder and Major Depression: Appraisal for alcohol or chemical substance use	No	Process	EHR
369	Pregnant women that had HBsAg testing	No	Process	EHR
370	Depression Remission at Twelve Months	Yes	Outcome	EHR, CMS Web Interface, Registry
371	Depression Utilization of the PHQ-9 Tool	No	Process	EHR
372	Maternal Depression Screening	No	Process	EHR
373	Hypertension: Improvement in Blood Pressure	Yes	Intermediate Outcome	EHR
374	Closing the Referral Loop: Receipt of Specialist Report	Yes	Process	EHR
375	Functional Status Assessment for Total Knee Replacement	Yes	Process	EHR
376	Functional Status Assessment for Total Hip Replacement	Yes	Process	EHR
377	Functional Status Assessments for Congestive Heart Failure	Yes	Process	EHR
378	Children Who Have Dental Decay or Cavities	Yes	Outcome	EHR
379	Primary Caries Prevention Intervention as Offered by Primary Care Providers, including Dentists	No	Process	EHR
382	Child and Adolescent Major Depressive Disorder (MDD): Suicide Risk Assessment	Yes	Process	EHR
383	Adherence to Antipsychotic Medications For Individuals with Schizophrenia	Yes	Intermediate Outcome	Registry
384	Adult Primary Rhegmatogenous Retinal Detachment Surgery: No Return to the Operating Room Within 90 Days of Surgery	Yes	Outcome	Registry
385	Adult Primary Rhegmatogenous Retinal Detachment Surgery: Visual Acuity Improvement Within 90 Days of Surgery	Yes	Outcome	Registry
386	Amyotrophic Lateral Sclerosis (ALS) Patient Care Preferences	Yes	Process	Registry
387	Annual Hepatitis C Virus (HCV) Screening for Patients who are Active Injection Drug Users	No	Process	Registry
388	Cataract Surgery with Intra-Operative Complications (Unplanned Rupture of Posterior Capsule Requiring Unplanned Vitrectomy)	Yes	Outcome	Registry



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389	Cataract Surgery: Difference Between Planned and Final Refraction	Yes	Outcome	Registry
390	Hepatitis C: Discussion and Shared Decision Making Surrounding Treatment Options	Yes	Process	Registry
391	Follow-Up After Hospitalization for Mental Illness (FUH)	Yes	Process	Registry
392	HRS-12: Cardiac Tamponade and/or Pericardiocentesis Following Atrial Fibrillation Ablation	Yes	Outcome	Registry
393	HRS-9: Infection within 180 Days of Cardiac Implantable Electronic Device (CIED) Implantation, Replacement, or Revision	Yes	Outcome	Registry
394	Immunizations for Adolescents	No	Process	Registry
395	Lung Cancer Reporting (Biopsy/Cytology Specimens)	Yes	Outcome	Claims, Registry
396	Lung Cancer Reporting (Resection Specimens)	Yes	Outcome	Claims, Registry
397	Melanoma Reporting	Yes	Outcome	Claims, Registry
398	Optimal Asthma Control	Yes	Outcome	Registry
400	One-Time Screening for Hepatitis C Virus (HCV) for Patients at Risk	No	Process	Registry
401	Hepatitis C: Screening for Hepatocellular Carcinoma (HCC) in Patients with Cirrhosis	No	Process	Registry
402	Tobacco Use and Help with Quitting Among Adolescents	No	Process	Registry
403	Adult Kidney Disease: Referral to Hospice	Yes	Process	Registry
404	Anesthesiology Smoking Abstinence	Yes	Intermediate Outcome	Registry
405	Appropriate Follow-up Imaging for Incidental Abdominal Lesions	Yes	Process	Claims, Registry
406	Appropriate Follow-up Imaging for Incidental Thyroid Nodules in Patients	Yes	Process	Claims, Registry
407	Appropriate Treatment of Methicillin-Sensitive Staphylococcus Aureus (MSSA) Bacteremia	Yes	Process	Claims, Registry
408	Opioid Therapy Follow-up Evaluation	No	Process	Registry
409	Clinical Outcome Post Endovascular Stroke Treatment	Yes	Outcome	Registry
410	Psoriasis: Clinical Response to Oral Systemic or Biologic Medications	Yes	Outcome	Claims, Registry
411	Depression Remission at Six Months	Yes	Outcome	Registry
412	Documentation of Signed Opioid Treatment Agreement	No	Process	Registry
413	Door to Puncture Time for Endovascular Stroke Treatment	Yes	Intermediate Outcome	Registry
414	Evaluation or Interview for Risk of Opioid Misuse	No	Process	Registry
415	Emergency Medicine: Emergency Department Utilization of CT for Minor Blunt Head Trauma for Patients Aged 18 Years and Older	Yes	Efficiency	Claims, Registry
416	Emergency Medicine: Emergency Department Utilization of CT for Minor Blunt Head Trauma for Patients Aged 2 Through 17 Years	Yes	Efficiency	Claims, Registry



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417	Rate of Open Repair of Small or Moderate Abdominal Aortic Aneurysms (AAA) Where Patients Are Discharged Alive	Yes	Outcome	Registry
418	Osteoporosis Management in Women Who Had a Fracture	No	Process	Claims, Registry
419	Overuse Of Neuroimaging For Patients With Primary Headache And A Normal Neurological Examination	Yes	Efficiency	Claims, Registry
420	Varicose Vein Treatment with Saphenous Ablation: Outcome Survey	No	Outcome	Registry
421	Appropriate Assessment of Retrievable Inferior Vena Cava (IVC) Filters for Removal	No	Process	Registry
422	Performing Cystoscopy at the Time of Hysterectomy for Pelvic Organ Prolapse to Detect Lower Urinary Tract Injury	Yes	Process	Claims, Registry
423	Perioperative Anti-platelet Therapy for Patients Undergoing Carotid Endarterectomy	No	Process	Claims, Registry
424	Perioperative Temperature Management	Yes	Outcome	Registry
425	Photodocumentation of Cecal Intubation	No	Process	Claims, Registry
426	Post-Anesthetic Transfer of Care Measure: Procedure Room to a Post Anesthesia Care Unit (PACU)	Yes	Process	Registry
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	Registry
428	Pelvic Organ Prolapse: Preoperative Assessment of Occult Stress Urinary Incontinence	No	Process	Registry
429	Pelvic Organ Prolapse: Preoperative Screening for Uterine Malignancy	Yes	Process	Claims, Registry
430	Prevention of Post-Operative Nausea and Vomiting (PONV) - Combination Therapy	Yes	Process	Registry
431	Preventive Care and Screening: Unhealthy Alcohol Use: Screening & Brief Counseling	No	Process	Registry
432	Proportion of Patients Sustaining a Bladder Injury at the Time of any Pelvic Organ Prolapse Repair	Yes	Outcome	Registry
433	Proportion of Patients Sustaining a Bowel Injury at the time of any Pelvic Organ Prolapse Repair	Yes	Outcome	Registry
434	Proportion of Patients Sustaining a Ureter Injury at the Time of any Pelvic Organ Prolapse Repair	Yes	Outcome	Registry
435	Quality of Life Assessment For Patients With Primary Headache Disorders	Yes	Outcome	Claims, Registry
436	Radiation Consideration for Adult CT: Utilization of Dose Lowering Techniques	No	Process	Claims, Registry
437	Rate of Surgical Conversion from Lower Extremity Endovascular Revascularization Procedure	Yes	Outcome	Claims, Registry
438	Statin Therapy for the Prevention and Treatment of Cardiovascular Disease	No	Process	CMS Web Interface, Registry
439	Age Appropriate Screening Colonoscopy	Yes	Efficiency	Registry
440	Basal Cell Carcinoma (BCC)/Squamous Cell Carcinoma: Biopsy Reporting Time - Pathologist to Clinician	Yes	Process	Registry



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441	Ischemic Vascular Disease (IVD) All or None Outcome Measure (Optimal Control)	Yes	Intermediate Outcome	Registry
442	Persistence of Beta-Blocker Treatment After a Heart Attack	No	Process	Registry
443	Non-Recommended Cervical Cancer Screening in Adolescent Females	Yes	Process	Registry
444	Medication Management for People with Asthma	Yes	Process	Registry
445	Risk-Adjusted Operative Mortality for Coronary Artery Bypass Graft (CABG)	Yes	Outcome	Registry
446	Operative Mortality Stratified by the Five STS-EACTS Mortality Categories	Yes	Outcome	Registry
447	Chlamydia Screening and Follow Up	No	Process	Registry
448	Appropriate Workup Prior to Endometrial Ablation	Yes	Process	Registry
449	HER2 Negative or Undocumented Breast Cancer Patients Spared Treatment with HER2-Targeted Therapies	Yes	Process	Registry
450	Trastuzumab Received By Patients With AJCC Stage I (T1c) - III And HER2 Positive Breast Cancer Receiving Adjuvant Chemotherapy	Yes	Process	Registry
451	KRAS Gene Mutation Testing Performed for Patients with Metastatic Colorectal Cancer who receive Anti-epidermal Growth Factor Receptor (EGFR) Monoclonal Antibody Therapy	No	Process	Registry
452	Patients with Metastatic Colorectal Cancer and KRAS Gene Mutation Spared Treatment with Anti-epidermal Growth Factor Receptor (EGFR) Monoclonal Antibodies	Yes	Process	Registry
453	Proportion Receiving Chemotherapy in the Last 14 Days of Life	Yes	Process	Registry
454	Proportion of Patients who Died from Cancer with more than One Emergency Department Visit in the Last 30 Days of Life	Yes	Outcome	Registry
455	Proportion Admitted to the Intensive Care Unit (ICU) in the Last 30 Days of Life	Yes	Outcome	Registry
456	Proportion Not Admitted To Hospice	Yes	Process	Registry
457	Proportion Admitted to Hospice for less than 3 days	Yes	Outcome	Registry
458	All-cause Hospital Readmission	No	Outcome	Administrative Claims