

BPCI Advanced Clinical Episodes to Quality Measures Correlation Table – MY4

Overview

Starting in 2021 (MY4), Participants will be required to select Clinical Episode Service Line Groups (CESLGs) instead of Clinical Episode (CE) categories. Also in MY4, Participants will have the flexibility to be assessed on quality by selecting either the existing Administrative Quality Measures Set used in Model Years 1, 2, and 3, or a new Alternate Quality Measures Set, for each CE within a CESLG that they have committed to be held accountable. To aid Participants in their selections, this document identifies each CESLG; the aligned MY4 CEs with corresponding Medicare Severity–Diagnosis-Related Groups (MS-DRGs), Healthcare Common Procedure Coding System (HCPCS) codes, or International Statistical Classifications of Diseases (ICD) 9th or 10th revision¹; the aligned Administrative/Alternate Quality Measures; the National Quality Forum (NQF) or Quality Payment Program (QPP) number, if applicable; and the data source for each quality measure.

MY4 CESLGs (hyperlinked to the first CE in its category):

Cardiac Care	Cardiac Procedures	Gastrointestinal Care	Gastrointestinal Surgery
Medical & Critical Care	Neurological Care	Orthopedics	Spinal Procedures

Table 1. Model Year 4 Clinical Episodes by Code and Quality Measures Sets

CESLG	Clinical Episode	Administrative Quality Measures	Alternate Quality Measures
Cardiac Care	<p>Acute Myocardial Infarction (AMI)</p> <p>MS-DRGs: 280, 281 and 282</p>	<ul style="list-style-type: none"> Advance Care Plan² (NQF #0326) (Quality Data Code (QDC)) Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (Inpatient Reporting Program (IQR)) CMS Patient Safety Indicators 90² (NQF #0531) (IQR) Excess Days in Acute Care after Hospitalization for AMI² (NQF #2881) (IQR) 	<ul style="list-style-type: none"> Advance Care Plan² (NQF #0326) (QDC) Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) 3-Item Care Transition Measure² (NQF #0228) (IQR) Defect Free Care for AMI² (NQF #2377) (Registry: ACC NCDR Chest Pain – MI Registry or AHA GWTG Coronary Artery Disease)

¹ The procedure and diagnostic codes are up to date as of MY3 (2020) and will be updated for MY4 as needed.

² The quality measure has revisions to the published specifications. Reference the [BPCI Advanced Quality Measure Fact Sheets](#) for more information.

CESLG	Clinical Episode	Administrative Quality Measures	Alternate Quality Measures
Cardiac Care	Cardiac Arrhythmia MS-DRGs: 308, 309 and 310	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • 3-Item Care Transition Measure² (NQF #0228) (IQR) • Atrial Fibrillation and Atrial Flutter: Chronic Anticoagulation Therapy² (NQF #1525) (Registry: AHA GWTG[®]-AFib)
Cardiac Care	Congestive Heart Failure MS-DRGs: 291, 292 and 293	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • Heart Failure (HF): Angiotensin-Converting Enzyme (ACE) Inhibitor or Angiotensin Receptor Blocker (ARB) or Angiotensin Receptor-Neprilysin Inhibitor (ARNI) Therapy for Left Ventricular Systolic Dysfunction (LVSD) (NQF #0081) (Registry: AHA GWTG Heart Failure) • Heart Failure: Beta-Blocker Therapy for LVSD (NQF #0083) (Registry: AHA GWTG Heart Failure)

CESLG	Clinical Episode	Administrative Quality Measures	Alternate Quality Measures
<p>Cardiac Procedures</p>	<p>Cardiac Defibrillator (Inpatient)</p> <p>MS-DRGs: 222, 223, 224, 225, 226 and 227</p>	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • 3-Item Care Transition Measure² (NQF #0228) (IQR) • Discharge Medications (ACE/ARB and Beta Blockers) in Eligible Implantable Cardiac Defibrillator (ICD) /Cardiac Resynchronization Therapy Defibrillators (CRT-D) Implant Patients (Composite Measure) (NQF #0965) (Registry: ACC NCDR ICD Registry) • Hospital Risk-Standardized Complication Rate following Implantation of Implantable Cardioverter-Defibrillator (Registry: ACC NCDR ICD Registry)

CESLG	Clinical Episode	Administrative Quality Measures	Alternate Quality Measures
Cardiac Procedures	<p>Cardiac Defibrillator (Outpatient)</p> <p>HCPCS: 33249, 33262, 33263, 33264 and 33270</p>	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • Discharge Medications: Angiotensin-Converting Enzyme Inhibitor or Angiotensin Receptor Blocker and Beta-Blockers in Eligible ICD Implant Patients (Composite Measure) (NQF #0965) (Registry: ACC NCDR ICD Registry) • Hospital Risk-Standardized Complication Rate following Implantation of Implantable Cardioverter-Defibrillator (Registry: ACC NCDR ICD Registry)
Cardiac Procedures	<p>Cardiac Valve</p> <p>MS-DRGs: 216, 217, 218, 219, 220 and 221</p>	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) • Perioperative Care: Selection of Prophylactic Antibiotic: First- or Second-Generation Cephalosporin² (NQF #0268) (QDC) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • Substance Use Screening and Intervention Composite² (NQF #2597) (Registry: STS ACSD) • Volume Weighted Aortic Valve Replacement + Aortic Valve Replacement / CABG² (NQF #2561, 2563) (Registry: STS ACSD) • Volume Weighted Mitral Valve Replacement + Mitral Valve Replacement / CABG² (NQF #3031, 3032) (Registry: STS ACSD)

CESLG	Clinical Episode	Administrative Quality Measures	Alternate Quality Measures
Cardiac Procedures	<p>Coronary Artery Bypass Graft (CABG)</p> <p>MS-DRGs: 231, 232, 233, 234, 235 and 236</p>	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) • Hospital 30-Day, All-Cause, Risk-Standardized Mortality Rate Following CABG² (NQF #2558) • Perioperative Care: Selection of Prophylactic Antibiotic: First- or Second-Generation Cephalosporin² (NQF #0268) (QDC) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • Cardiac Rehabilitation Patient Referral from an Inpatient Setting² (NQF #0642) (Registry: STS ACSD) • Society of Thoracic Surgeons CABG Composite Score² (NQF #0696) (Registry: STS ACSD) • Substance Use Screening and Intervention Composite² (NQF #2597) (Registry: STS ACSD)
Cardiac Procedures	<p>Endovascular Cardiac Valve Replacement</p> <p>MS-DRGs: 266 and 267; ICD-9: 35.05 and 35.06; ICD-10: 02RF37H, 02RF37Z, 02RF38H, 02RF38Z, 02RF3JH, 02RF3JZ, 02RF3KH, 02RF3KZ and X2RF332</p>	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • 3-Item Care Transition Measure² (NQF #0228) (IQR)

CESLG	Clinical Episode	Administrative Quality Measures	Alternate Quality Measures
Cardiac Procedures	Pacemaker MS-DRGs: 242, 243 and 244	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • 3-Item Care Transition Measure² (NQF #0228) (IQR) • In-Person Evaluation Following Implantation of a Cardiovascular Implantable Electronic Device² (NQF #2461) (Claims)
Cardiac Procedures	Percutaneous Coronary Intervention (PCI) (Inpatient) MS-DRGs: 246, 247, 248, 249, 250, and 251	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • Cardiac Rehabilitation Patient Referral from an Inpatient Setting² (NQF #0642) (Registry: ACC NCDR CathPCI) • In-hospital Risk Adjusted Rate of Bleeding Events for Patients Undergoing PCI (NQF #2459) (Registry: ACC NCDR CathPCI) • Therapy with Aspirin, P2Y12 Inhibitor, and Statin at Discharge following PCI in Eligible Patients² (NQF #0964) (Registry: ACC NCDR CathPCI)

CESLG	Clinical Episode	Administrative Quality Measures	Alternate Quality Measures
Cardiac Procedures	Percutaneous Coronary Intervention (PCI) (Outpatient) HCPCS: 92920, 92924, 92928, 92933, 92937, 92943, C9600, C9602, C9604 and C9607	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • Cardiac Rehabilitation Patient Referral from an Inpatient Setting² (NQF #0642) (Registry: ACC NCDR CathPCI) • In-hospital Risk Adjusted Rate of Bleeding Events for Patients Undergoing PCI (NQF #2459) (Registry: ACC NCDR CathPCI) • Therapy with Aspirin, P2Y12 Inhibitor, and Statin at Discharge following PCI in Eligible Patients² (NQF #0964) (Registry: ACC NCDR CathPCI)
Gastrointestinal Care	Disorders of the Liver Except Malignancy, Cirrhosis, or Alcoholic Hepatitis MS-DRGs: 441, 442 and 443	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • 3-Item Care Transition Measure² (NQF #0228) (IQR)
Gastrointestinal Care	Gastrointestinal Hemorrhage MS-DRGs: 377, 378 and 379	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • 3-Item Care Transition Measure² (NQF #0228) (IQR)

CESLG	Clinical Episode	Administrative Quality Measures	Alternate Quality Measures
Gastrointestinal Care	Gastrointestinal Obstruction MS-DRGs: 388, 389 and 390	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • 3-Item Care Transition Measure² (NQF #0228) (IQR)
Gastrointestinal Care	Inflammatory Bowel Disease MS-DRGs: 385, 386 and 387	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • 3-Item Care Transition Measure² (NQF #0228) (IQR)
Gastrointestinal Surgery	Bariatric Surgery MS-DRGs: 619, 620 and 621	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) • Perioperative Care: Selection of Prophylactic Antibiotic: First- or Second-Generation Cephalosporin² (NQF #0268) (QDC) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • Bariatric Surgery Standards for Successful Programs Measure (Registry: ACS Registry Program) • Patient-Centered Surgical Risk Assessment and Communication² (QPP #358) (Registry: ACS MBSAQIP®) • Substance Use Screening and Intervention Composite² (NQF #2597) (Registry: ACS MBSAQIP®)

CESLG	Clinical Episode	Administrative Quality Measures	Alternate Quality Measures
Gastrointestinal Surgery	Major Bowel Procedure MS-DRGs: 329, 330 and 331	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) • Perioperative Care: Selection of Prophylactic Antibiotic: First- or Second-Generation Cephalosporin² (NQF #0268) (QDC) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • 3-Item Care Transition Measure² (NQF #0228) (IQR)
Medical & Critical Care	Cellulitis MS-DRGs: 602 and 603	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • 3-Item Care Transition Measure² (NQF #0228) (IQR)
Medical & Critical Care	Chronic Obstructive Pulmonary Disease (COPD), Bronchitis, Asthma MS-DRGs: 190, 191, 192, 202 and 203	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • 3-Item Care Transition Measure² (NQF #0228) (IQR) • Preventive Care & Screening: Tobacco Use: Screening & Cessation Intervention² (NQF #0028) (QDC)

CESLG	Clinical Episode	Administrative Quality Measures	Alternate Quality Measures
Medical & Critical Care	Renal Failure MS-DRGs: 682, 683 and 684	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • 3-Item Care Transition Measure² (NQF #0228) (IQR)
Medical & Critical Care	Sepsis MS-DRGs: 870, 871 and 872	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • 3-Item Care Transition Measure² (NQF #0228) (IQR) • Severe Sepsis and Septic Shock: Management Bundle² (NQF #0500) (IQR)
Medical & Critical Care	Simple Pneumonia and Respiratory Infections MS-DRGs: 177, 178, 179, 193, 194 and 195	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • 3-Item Care Transition Measure² (NQF #0228) (IQR) • Hospital 30-Day, All-Cause, Risk-Standardized Mortality Rate Following Pneumonia Hospitalization² (NQF #0468) (IQR)

CESLG	Clinical Episode	Administrative Quality Measures	Alternate Quality Measures
Medical & Critical Care	Urinary Tract Infection MS-DRGs: 689 and 690	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • 3-Item Care Transition Measure² (NQF #0228) (IQR)
Neurological Care	Seizures MS-DRGs: 100 and 101	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • 3-Item Care Transition Measure² (NQF #0228) (IQR)
Neurological Care	Stroke MS-DRGs: 061, 062, 063, 064, 065 and 066	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • Preventive Care & Screening: Tobacco Use: Screening & Cessation Intervention² (NQF #0028) (Registry: AHA GWTG Stroke) • STK-06: Discharged on Statin Medication (NQF #0439) (Registry: AHA GWTG Stroke) • Time to Intravenous Thrombolytic Therapy² (NQF #1952) (Registry: AHA GWTG Stroke)

CESLG	Clinical Episode	Administrative Quality Measures	Alternate Quality Measures
Orthopedics	<p>Double Joint Replacement of the Lower Extremity</p> <p>MS-DRGs: 461 and 462</p>	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) • Hospital-Level Risk-Standardized Complication Rate Following Elective Primary Total Hip Arthroplasty and/or Total Knee Arthroplasty² (NQF #1550) (IQR) • Perioperative Care: Selection of Prophylactic Antibiotic: First- or Second-Generation Cephalosporin² (NQF #0268) (QDC) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • Hospital-Level Risk-Standardized Complication Rate Following Elective Primary Total Hip Arthroplasty and/or Total Knee Arthroplasty² (NQF #1550) (IQR) • Patient-Centered Surgical Risk Assessment and Communication² (QPP #358) (Registry: AAOS Registry Program) • Substance Use Screening and Intervention Composite² (NQF #2597) (Registry: AAOS Registry Program)
Orthopedics	<p>Fractures of the Femur and Hip or Pelvis</p> <p>MS-DRGs: 533, 534, 535 and 536</p>	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • 3-Item Care Transition Measure² (NQF #0228) (IQR) • Patient-Centered Surgical Risk Assessment and Communication² (QPP #358) (Registry: AAOS Registry Program) • Substance Use Screening and Intervention Composite² (NQF #2597) (Registry: AAOS Registry Program)

CESLG	Clinical Episode	Administrative Quality Measures	Alternate Quality Measures
Orthopedics	Hip and Femur Procedures Except Major Joint MS-DRGs: 480, 481 and 482	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) • Perioperative Care: Selection of Prophylactic Antibiotic: First- or Second-Generation Cephalosporin² (NQF #0268) (QDC) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • 3-Item Care Transition Measure² (NQF #0228) (IQR) • Patient-Centered Surgical Risk Assessment and Communication² (QPP #358) (Registry: AAOS Registry Program) • Substance Use Screening and Intervention Composite² (NQF #2597) (Registry: AAOS Registry Program)
Orthopedics	Lower Extremity/Humerus Procedure Except Hip, Foot, Femur MS-DRGs: 492, 493 and 494	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) • Perioperative Care: Selection of Prophylactic Antibiotic: First- or Second-Generation Cephalosporin² (NQF #0268) (QDC) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • 3-Item Care Transition Measure² (NQF #0228) (IQR) • Patient-Centered Surgical Risk Assessment and Communication² (QPP #358) (Registry: AAOS Registry Program) • Substance Use Screening and Intervention Composite² (NQF #2597) (Registry: AAOS Registry Program)

CESLG	Clinical Episode	Administrative Quality Measures	Alternate Quality Measures
Orthopedics	<p>Major Joint Replacement of the Lower Extremity (Inpatient and Outpatient)</p> <p>MS-DRGs: 469,470, 521, and 522; HCPCS: 27447</p>	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) • Hospital-Level Risk-Standardized Complication Rate Following Elective Primary Total Hip Arthroplasty and/or Total Knee Arthroplasty² (NQF #1550) (IQR) • Perioperative Care: Selection of Prophylactic Antibiotic: First- or Second-Generation Cephalosporin² (NQF #0268) (QDC) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • Hospital-Level Risk-Standardized Complication Rate Following Elective Primary Total Hip Arthroplasty and/or Total Knee Arthroplasty² (NQF #1550) (IQR) • Patient-Centered Surgical Risk Assessment and Communication² (QPP #358) (Registry: AAOS Registry Program) • Substance Use Screening and Intervention Composite² (NQF #2597) (Registry: AAOS Registry Program)
Orthopedics	<p>Major Joint Replacement of the Upper Extremity</p> <p>MS-DRG: 483</p>	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) • Perioperative Care: Selection of Prophylactic Antibiotic: First- or Second-Generation Cephalosporin² (NQF #0268) (QDC) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • 3-Item Care Transition Measure² (NQF #0228) (IQR) • Patient-Centered Surgical Risk Assessment and Communication² (QPP #358) (Registry: AAOS Registry Program) • Substance Use Screening and Intervention Composite² (NQF #2597) (Registry: AAOS Registry Program)

CESLG	Clinical Episode	Administrative Quality Measures	Alternate Quality Measures
Spinal Procedures	Back and Neck Except Spinal Fusion (Inpatient) MS-DRGs: 518, 519 and 520	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) • Perioperative Care: Selection of Prophylactic Antibiotic: First- or Second-Generation Cephalosporin² (NQF #0268) (QDC) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • 3-Item Care Transition Measure² (NQF #0228) (IQR) • Patient-Centered Surgical Risk Assessment and Communication² (QPP #358) (QDC)
Spinal Procedures	Back and Neck Except Spinal Fusion (Outpatient) HCPCS: 62287, 63005, 63011, 63012, 63017, 63030, 63040, 63042, 63045, 63046, 63047, 63056 and 63075	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) • Perioperative Care: Selection of Prophylactic Antibiotic: First- or Second-Generation Cephalosporin² (NQF #0268) (QDC) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • Patient-Centered Surgical Risk Assessment and Communication² (QPP #358) (QDC)

CESLG	Clinical Episode	Administrative Quality Measures	Alternate Quality Measures
<p>Spinal Procedures</p>	<p>Spinal Fusion MS-DRGs: 453, 454, 455, 459, 460, 471, 472 and 473</p>	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • CMS Patient Safety Indicators 90² (NQF #0531) (IQR) • Perioperative Care: Selection of Prophylactic Antibiotic: First- or Second-Generation Cephalosporin² (NQF #0268) (QDC) 	<ul style="list-style-type: none"> • Advance Care Plan² (NQF #0326) (QDC) • Hospital-Wide All-Cause Unplanned Readmission Measure² (NQF #1789) (IQR) • 3-Item Care Transition Measure² (NQF #0228) (IQR) • Patient-Centered Surgical Risk Assessment and Communication² (QPP #358) (QDC)

Table 2. Registry Acronyms Reference Table

Clinical Episode	Administrative Quality Measures
AAOS - AJRR	American Association of Orthopedic Surgeons American Joint Replacement Registry
AAOS - SER	American Association of Orthopedic Surgeons Shoulder & Elbow Registry
ACC – NCDR Chest Pain MI	American College of Cardiology National Cardiovascular Data Registry Chest Pain – Myocardial Infarction (MI) Registry™
ACC – NCDR CathPCI	American College of Cardiology National Cardiovascular Data Catheterization and/or Percutaneous Coronary Intervention (CathPCI) Registry
ACC – NCDR ICD	American College of Cardiology National Cardiovascular Data Registry ICD Registry
ACS - MBSASQIP	American College of Surgeons National Surgical Quality Improvement Program Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (MBSAQIP®)
AHA - GWTG Stroke	American Heart Association Get With The Guidelines Stroke
AHA – GWTG Heart Failure	American Heart Association Get With The Guideline Heart Failure
AHA – GWTG Coronary Artery Disease	American Heart Association Get With The Guidelines® Coronary Artery Disease
STS - ACSD	Society of Thoracic Surgeons Adult Cardiac Surgery Database