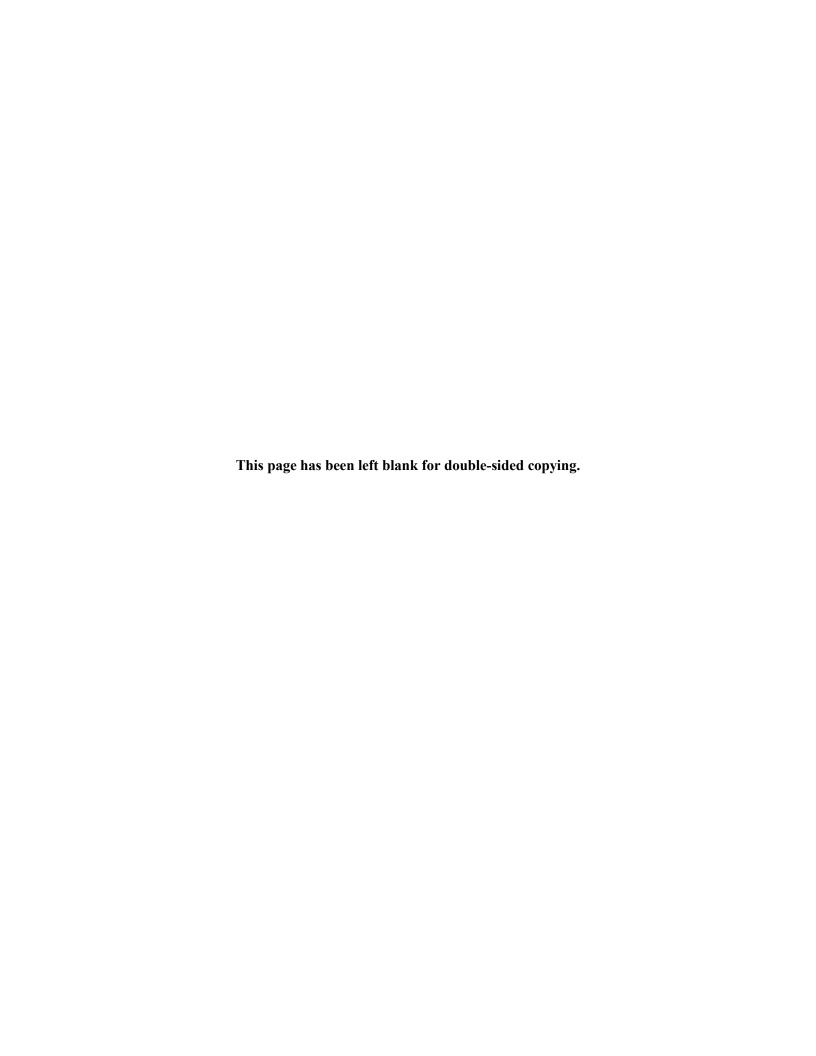
Technical Release Notes:

2024 Reporting Period Electronic Clinical Quality Measures (eCQMs)

for Eligible Hospitals and Critical Access Hospitals



CMS71v13 - Anticoagulation Therapy for Atrial Fibrillation/Flutter

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated grammar, wording, and/or formatting to improve readability and consistency.	Header	Description	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Replaced asterisks with bullets to align with style guide.	Header	Denominator Exclusions	Standards/Technical Update
Added value set 'History of Atrial Ablation' to provide additional approaches for identifying history of atrial ablation.	Logic	Denominator	Measure Lead
Removed definition 'Anticoagulant Therapy at Discharge' and replaced it with inline reference to QDM datatype 'Medication, Discharge' to improve readability.	Logic	Numerator	Measure Lead
Renamed definition from 'Reason for Not Giving Anticoagulant at Discharge' to 'Documented Reason for Not Giving Anticoagulant at Discharge' based on recommendation from clinical experts.	Logic	Denominator Exceptions	Measure Lead
Updated the version number of the TJC Overall Library to v7.1.000.	Logic	Definitions	Annual Update
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Definitions	Standards/Technical Update
Combined two definitions, 'Encounter with a history of Atrial Fibrillation or Flutter' and 'Encounter with Current Diagnosis Code of Atrial Fibrillation or Flutter', and renamed to 'Encounter with Prior or Present Diagnosis of Atrial Fibrillation or Flutter' align with logic intent.	Logic	Definitions	Measure Lead
Added Global functions EarliestOf, Earliest and HasStart in new history of atrial ablation logic.	Logic	Functions	Measure Lead
Updated the version number of the TJC Overall Library to v7.1.000.	Logic	Functions	Annual Update
Added QDM datatypes 'Assessment, Performed' and 'Diagnosis' for new value set 'History of Atrial Ablation' to provide additional approaches for identifying patients with a history of atrial ablation to reduce burden.	Logic	Multiple Sections	Measure Lead
Value set Anticoagulant Therapy (2.16.840.1.113883.3.117.1.7.1.200): Added 7 RxNorm codes (2590616, 2590620, 2590623, 2590627, 2590631, 2590635, 2618839) based on terminology update.	Value Set	Terminology	Annual Update
Value set Atrial Fibrillation or Flutter (2.16.840.1.113883.3.117.1.7.1.202): Added 2 SNOMED CT codes (312442005, 428076002) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set History of Atrial Ablation (2.16.840.1.113762.1.4.1110.76) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set (2.16.840.1.113883.3.117.1.7.1.473): Renamed to Medical Reason For Not Providing Treatment based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set Patient Refusal (2.16.840.1.113883.3.117.1.7.1.93): Added 2 SNOMED CT codes (1162745003, 895451009) based on terminology update. Deleted 5 SNOMED CT codes (183944003, 413312003, 183947005, 371138003, 609589008) based on terminology update.	Value Set	Terminology	Annual Update
Value set Payer (2.16.840.1.114222.4.11.3591): Added 5 SOP codes (1111, 1112, 142, 344, 141) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS72v12 - Antithrombotic Therapy By End of Hospital Day 2

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Updated grammar, wording, and/or formatting to improve readability and consistency.	Header	Rationale	Annual Update
Renamed value set from 'Non-Elective Inpatient Encounter' to 'Nonelective Inpatient Encounter' to remove special characters.	Header	Guidance	Measure Lead
Replaced asterisks with bullets to align with style guide.	Header	Denominator Exclusions	Standards/Technical Update
Replaced asterisks with bullets to align with style guide.	Header	Denominator Exceptions	Standards/Technical Update
Renamed definition from 'No Antithrombotic Ordered or Administered' to 'Documented Reason for No Antithrombotic Ordered or Administered' consistent with recommendation from clinical experts.	Logic	Denominator Exceptions	Measure Lead
Renamed definition from 'No Antithrombotic Ordered or Administered Day Of or Day After Hospital Arrival' to 'Encounter with Documented Reason for No Antithrombotic Ordered or Administered Day Of or Day After Hospital Arrival' consistent with recommendation from clinical experts.	Logic	Denominator Exceptions	Measure Lead
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	e Logic	Definitions	Standards/Technical Update
Updated the version number of the TJC Overall Library to v7.1.000.	Logic	Definitions	Annual Update
Updated the version number of the TJC Overall Library to v7.1.000.	Logic	Functions	Annual Update
Value set Antithrombotic Therapy for Ischemic Stroke (2.16.840.1.113762.1.4.1110.62): Added 9 RxNorm codes (2267026, 2360605, 2590616, 2590620, 2590623, 2590627, 2590631, 2590635, 2618839) based on terminology update. Deleted 1 RxNorm code (308417) based on terminology update.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113762.1.4.1110.62): Renamed to Antithrombotic Therapy for Ischemic Stroke based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.117.1.7.1.473): Renamed to Medical Reason For Not Providing Treatment based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set Patient Refusal (2.16.840.1.113883.3.117.1.7.1.93): Added 2 SNOMED CT codes (1162745003, 895451009) based on terminology update. Deleted 5 SNOMED CT codes (183944003, 413312003, 183947005, 371138003, 609589008) based on terminology update.	Value Set	Terminology	Annual Update
Value set Payer (2.16.840.1.114222.4.11.3591): Added 5 SOP codes (1111, 1112, 142, 344, 141) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS104v12 - Discharged on Antithrombotic Therapy

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Updated grammar, wording, and/or formatting to improve readability and consistency.	Header	Rationale	Annual Update
Renamed value set from 'Non-Elective Inpatient Encounter' to 'Nonelective Inpatient Encounter' to remove special characters.	Header	Guidance	Measure Lead
Changed upper case 'Ischemic stroke' to 'ischemic stroke'.	Header	Denominator	Standards/Technical Update
Replaced asterisks with bullets to align with style guide.	Header	Denominator Exclusions	Standards/Technical Update
Replaced asterisks with bullets to align with style guide.	Header	Denominator Exceptions	Standards/Technical Update
Removed definition 'Antithrombotic Therapy at Discharge' and replaced it with inline reference to QDM datatype 'Medication, Discharge' to improve readability.	Logic	Numerator	Measure Lead
Renamed definition from 'Encounter with No Antithrombotic At Discharge' to 'Encounter with Documented Reason for No Antithrombotic At Discharge' consistent with recommendation from clinical experts.	Logic	Denominator Exceptions	Measure Lead
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Definitions	Standards/Technical Update
Updated the version number of the TJC Overall Library to v7.1.000.	Logic	Definitions	Annual Update
Updated the version number of the TJC Overall Library to v7.1.000.	Logic	Functions	Annual Update
Value set Antithrombotic Therapy for Ischemic Stroke (2.16.840.1.113762.1.4.1110.62): Added 9 RxNorm codes (2267026, 2360605, 2590616, 2590620, 2590623, 2590627, 2590631, 2590635, 2618839) based on terminology update. Deleted 1 RxNorm code (308417) based on terminology update.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113762.1.4.1110.62): Renamed to Antithrombotic Therapy for Ischemic Stroke based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.117.1.7.1.473): Renamed to Medical Reason For Not Providing Treatment based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set Patient Refusal (2.16.840.1.113883.3.117.1.7.1.93): Added 2 SNOMED CT codes (1162745003, 895451009) based on terminology update. Deleted 5 SNOMED CT codes (183944003, 413312003, 183947005, 371138003, 609589008) based on terminology update.	Value Set	Terminology	Annual Update
Value set Payer (2.16.840.1.114222.4.11.3591): Added 5 SOP codes (1111, 1112, 142, 344, 141) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS108v12 - Venous Thromboembolism Prophylaxis

	Source of Change	Measure Section	Type of TRN	Technical Release Notes
	Annual Update	eCQM Version Number	Header	Updated the eCQM version number.
	Annual Update	Copyright	Header	Updated copyright.
	Measure Lead	Reference	Header	Updated references.
	Measure Lead	Denominator Exclusions	Header	Updated exclusion language in the narrative to align with measure intent and current CQL timing
	ivicasure Leau	Denominator Exclusions	Tieauei	requirements.
	Annual Update	Multiple Sections	Header	Updated grammar, wording, and/or formatting to improve readability and consistency.
	Measure Lead	Initial Population	Logic	Consolidated and simplified the initial population definitions to improve clarity and efficiency.
	Create de la /Trade d'ad 11	N		Changed the alias names from 'NoVTEDevice' to 'NoMechanicalProphylaxis' because the definition was
pdate	Standards/Technical U	Numerator	Logic	renamed because the QDM data element associated with the name is no longer a valid QDM data element.
Indate	Standards/Technical II	Definitions	Logic	Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style
puate	Standards/ reclinical o	Definitions	Logic	Guide.
	Annual Update	Definitions	Logic	Updated the version number of the TJC Overall Library to v7.1.000.
	Annual Update	Definitions	Logic	Updated the version number of the VTE Library to v7.2.000.
	Annual Update	Functions	Logic	Updated the version number of the TJC Overall Library to v7.1.000.
	Annual Update	Functions	Logic	Updated the version number of the VTE Library to v7.2.000.
	Moscuro Load	Torminology	Value Set	Value set Atrial Fibrillation or Flutter (2.16.840.1.113883.3.117.1.7.1.202): Added 2 SNOMED CT codes
	ivieasure Leau	reminology	value Set	(312442005, 428076002) based on review by technical experts, SMEs, and/or public feedback.
	Annual Update	Torminology	Value Set	Value set Direct Thrombin Inhibitor (2.16.840.1.113883.3.117.1.7.1.205): Added 6 RxNorm codes (2590616,
		t Terminology	value Set	2590620, 2590623, 2590627, 2590631, 2590635) based on terminology update.
	Annual Update	a Sat Tarminalany	Value Set	Value set General Surgery (2.16.840.1.113883.3.117.1.7.1.255): Deleted 4 SNOMED CT codes (119884008,
		reminology	value set	235288004, 238215005, 315323003) based on terminology update.
	Annual Undate	Terminology	Value Set Terminology	Value set Glycoprotein IIb IIIa Inhibitors (2.16.840.1.113762.1.4.1045.41): Deleted 1 RxNorm code (241162)
	7 iiiidai opaate	Terrimology	value set	based on terminology update.
	A al III adata	Torminology	Value Set	Value set Gynecological Surgery (2.16.840.1.113883.3.117.1.7.1.257): Added 7 ICD-10-PCS codes (0UT90ZL,
	Amuai Opuate	reminology	value Set	0UT97ZL, 0UT98ZL, 0U508ZZ, 0U518ZZ, 0U528ZZ, 0U548ZZ) based on terminology update.
				Value cat His Daylessmant Surgan, /2 15 040 1 112002 2 117 1 7 1 250 Addad 9 ICD 10 DCC cades (05D0000
	Annual Update	Terminology	Value Set	
				OSKBOOA, OSKBOOZ, OSK
	Annual Undate	Terminology	Value Set	Value set Intermittent pneumatic compression devices (2.16.840.1.113883.3.117.1.7.1.214): Added 1 SNOMED
	Annual Opuate	reminology	value set	CT code (432441000124100) based on terminology update.
				Value set Intracranial Neurosurgery (2.16.840.1.113883.3.117.1.7.1.260): Added 1 SNOMED CT code
	Annual Update	Terminology	Value Set	(1201979001) based on terminology update. Deleted 3 SNOMED CT codes (171446006, 244238001,
				82443007) based on terminology update.
system	ONC Project Tracking S	Terminology	Value Set	Value set Knee Replacement Surgery (2.16.840.1.113883.3.117.1.7.1.261): Added 20 ICD-10-PCS codes based
	(JIRA): CQM-5903	reminology		on terminology update.
	Annual IIndata	Torminology	Value Cat	Value set Low Molecular Weight Heparin for VTE Prophylaxis (2.16.840.1.113883.3.117.1.7.1.219): Added 1
	Annual Opdate	rerminology	value Set	RxNorm code (2618839) based on terminology update.
	Annual Update Annual Update Annual Update Measure Lead Annual Update ONC Project Tracking S	Definitions Functions Functions Terminology Terminology Terminology Terminology Terminology Terminology Terminology Terminology Terminology	Logic Logic Logic Logic Logic Value Set	Updated the version number of the TJC Overall Library to v7.1.000. Updated the version number of the VTE Library to v7.2.000. Updated the version number of the TJC Overall Library to v7.1.000. Updated the version number of the TJC Overall Library to v7.1.000. Updated the version number of the VTE Library to v7.2.000. Value set Atrial Fibrillation or Flutter (2.16.840.1.113833.3.117.1.7.1.202): Added 2 SNOMED CT codes (312442005, 428076002) based on review by technical experts, SMEs, and/or public feedback. Value set Direct Thrombin Inhibitor (2.16.840.1.113883.3.117.1.7.1.205): Added 6 RxNorm codes (2590616, 2590620, 2590623, 2590627, 2590631, 2590635) based on terminology update. Value set General Surgery (2.16.840.1.113883.3.117.1.7.1.255): Deleted 4 SNOMED CT codes (119884008, 235288004, 238215005, 315323003) based on terminology update. Value set Glycoprotein Ilb Illa Inhibitors (2.16.840.1.113762.1.4.1045.41): Deleted 1 RxNorm code (241162) based on terminology update. Value set Gynecological Surgery (2.16.840.1.113883.3.117.1.7.1.257): Added 7 ICD-10-PCS codes (0UT90ZL, 0UT97ZL, 0UT98ZL, 0U508ZZ, 0U518ZZ, 0U528ZZ, 0U548ZZ) based on terminology update. Value set Hip Replacement Surgery (2.16.840.1.113883.3.117.1.7.1.259): Added 8 ICD-10-PCS codes (0SR9069, 0SR906A, 0SR906Z, 0SR90EZ, 0SR90EZ, 0SRB06A, OSRB06Z, 0SRB0EZ) based on terminology update. Value set Intermittent pneumatic compression devices (2.16.840.1.113883.3.117.1.7.1.214): Added 1 SNOMED CT code (432441000124100) based on terminology update. Value set Intracranial Neurosurgery (2.16.840.1.113883.3.117.1.7.1.260): Added 1 SNOMED CT code (1201979001) based on terminology update. Value set Knee Replacement Surgery (2.16.840.1.113883.3.117.1.7.1.261): Added 20 ICD-10-PCS codes based on terminology update.

CMS108v12 - Venous Thromboembolism Prophylaxis

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set (2.16.840.1.113883.3.117.1.7.1.473): Renamed to Medical Reason For Not Providing Treatment	Value Set	Torminology	Annual Undata
based on recommended value set naming conventions.	value Set	Terminology	Annual Update
Value set Mental Health Diagnoses (2.16.840.1.113883.3.464.1003.105.12.1004): Added 18 SNOMED CT codes			
based on terminology update. Deleted 18 SNOMED CT codes based on terminology update. Added 36 ICD-10-	Value Cat	Torminalogy	Annual Lindata
CM codes based on terminology update. Deleted 2 ICD-10-CM codes (F03.91, F43.8) based on terminology	Value Set	Terminology	Annual Update
update.			
Value set (2.16.840.1.113883.3.117.1.7.1.263): Renamed to Obstetrical or Pregnancy Related Conditions based	Value Set	Torminalogy	Annual Update
on recommended value set naming conventions.		Terminology	
Value set Obstetrical or Pregnancy Related Conditions (2.16.840.1.113883.3.117.1.7.1.263): Added 21			
SNOMED CT codes based on terminology update. Deleted 44 SNOMED CT codes based on terminology update.	Value Cat	et Terminology	Annual Update
Added 177 ICD-10-CM codes based on terminology update. Deleted 14 ICD-10-CM codes based on terminology	value Set '		
update.			
Value set Obstetrics VTE (2.16.840.1.113883.3.117.1.7.1.264): Added 3 SNOMED CT codes (609449004,			
609459003, 609480009) based on terminology update. Deleted 6 SNOMED CT codes (51096002, 57734001,	Value Set	e Set Terminology	Annual Update
21604008, 26743002, 37787009, 55589000) based on terminology update.			
Value set Patient Refusal (2.16.840.1.113883.3.117.1.7.1.93): Added 2 SNOMED CT codes (1162745003,			
895451009) based on terminology update. Deleted 5 SNOMED CT codes (183944003, 413312003, 183947005,	Value Set	Value Set Terminology	Annual Update
371138003, 609589008) based on terminology update.			
Value set Payer (2.16.840.1.114222.4.11.3591): Added 5 SOP codes (1111, 1112, 142, 344, 141) based on	Value Cat	Torminalogy	Magazira Laad
review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS190v12 - Intensive Care Unit Venous Thromboembolism Prophylaxis

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Updated references.	Header	Reference	Measure Lead
Updated exclusion language in the narrative to align with measure intent and current CQL timing requirements.	Header	Denominator Exclusions	Measure Lead
Updated grammar, wording, and/or formatting to improve readability and consistency.	Header	Multiple Sections	Annual Update
Consolidated and simplified the initial population definitions to improve clarity and efficiency.	Logic	Initial Population	Measure Lead
Changed the alias names from 'NoVTEDevice' to 'NoMechanicalProphylaxis' because the definition was renamed because the QDM data element associated with the name is no longer a valid QDM data element.	Logic	Numerator	Standards/Technical Update
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Definitions	Standards/Technical Update
Updated the version number of the TJC Overall Library to v7.1.000.	Logic	Definitions	Annual Update
Updated the version number of the VTE Library to v7.2.000.	Logic	Definitions	Annual Update
Updated the version number of the TJC Overall Library to v7.1.000.	Logic	Functions	Annual Update
Updated the version number of the VTE Library to v7.2.000.	Logic	Functions	Annual Update
Value set Atrial Fibrillation or Flutter (2.16.840.1.113883.3.117.1.7.1.202): Added 2 SNOMED CT codes (312442005, 428076002) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Direct Thrombin Inhibitor (2.16.840.1.113883.3.117.1.7.1.205): Added 6 RxNorm codes (2590616, 2590620, 2590623, 2590627, 2590631, 2590635) based on terminology update.	Value Set	Terminology	Annual Update
Value set General Surgery (2.16.840.1.113883.3.117.1.7.1.255): Deleted 4 SNOMED CT codes (119884008, 235288004, 238215005, 315323003) based on terminology update.	Value Set	Terminology	Annual Update
Value set Glycoprotein IIb IIIa Inhibitors (2.16.840.1.113762.1.4.1045.41): Deleted 1 RxNorm code (241162) based on terminology update.	Value Set	Terminology	Annual Update
Value set Gynecological Surgery (2.16.840.1.113883.3.117.1.7.1.257): Added 7 ICD-10-PCS codes (0UT90ZL, 0UT97ZL, 0UT98ZL, 0U508ZZ, 0U518ZZ, 0U528ZZ, 0U548ZZ) based on terminology update.	Value Set	Terminology	Annual Update
Value set Hip Replacement Surgery (2.16.840.1.113883.3.117.1.7.1.259): Added 8 ICD-10-PCS codes (0SR9069, 0SR906A, 0SR906Z, 0SR906Z, 0SRB06B, 0SRB06Z, 0SRB06Z, 0SRB0EZ) based on terminology update.	Value Set	Terminology	Annual Update
Value set Intermittent pneumatic compression devices (2.16.840.1.113883.3.117.1.7.1.214): Added 1 SNOMED CT code (432441000124100) based on terminology update.	Value Set	Terminology	Annual Update
Value set Intracranial Neurosurgery (2.16.840.1.113883.3.117.1.7.1.260): Added 1 SNOMED CT code (1201979001) based on terminology update. Deleted 3 SNOMED CT codes (171446006, 244238001, 82443007) based on terminology update.	Value Set	Terminology	Annual Update
Value set Knee Replacement Surgery (2.16.840.1.113883.3.117.1.7.1.261): Added 20 ICD-10-PCS codes based on terminology update.	Value Set	Terminology	Annual Update
Value set Low Molecular Weight Heparin for VTE Prophylaxis (2.16.840.1.113883.3.117.1.7.1.219): Added 1 RxNorm code (2618839) based on terminology update.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.117.1.7.1.473): Renamed to Medical Reason For Not Providing Treatment based on recommended value set naming conventions.	Value Set	Terminology	Annual Update

CMS190v12 - Intensive Care Unit Venous Thromboembolism Prophylaxis

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set (2.16.840.1.113883.3.117.1.7.1.263): Renamed to Obstetrical or Pregnancy Related Conditions based	Value Set	Terminology	Annual Update
on recommended value set naming conventions.	value set	reminology	
Value set Obstetrical or Pregnancy Related Conditions (2.16.840.1.113883.3.117.1.7.1.263): Added 21			
SNOMED CT codes based on terminology update. Deleted 44 SNOMED CT codes based on terminology update.		Tarminalagu	Annual Update
Added 177 ICD-10-CM codes based on terminology update. Deleted 14 ICD-10-CM codes based on terminology	Value Set	Terminology	
update.			
Value set Obstetrics VTE (2.16.840.1.113883.3.117.1.7.1.264): Added 3 SNOMED CT codes (609449004,			
609459003, 609480009) based on terminology update. Deleted 6 SNOMED CT codes (51096002, 57734001,	Value Set Terminology	Annual Update	
21604008, 26743002, 37787009, 55589000) based on terminology update.			
Value set Patient Refusal (2.16.840.1.113883.3.117.1.7.1.93): Added 2 SNOMED CT codes (1162745003,			
895451009) based on terminology update. Deleted 5 SNOMED CT codes (183944003, 413312003, 183947005,	Value Set	Terminology	Annual Update
371138003, 609589008) based on terminology update.			
Value set Payer (2.16.840.1.114222.4.11.3591): Added 5 SOP codes (1111, 1112, 142, 344, 141) based on	Value Cot	Tarminalagu	Massura Laad
review by technical experts, SMEs, and/or public feedback.	Value Set	ue Set Terminology	Measure Lead

CMS334v5 - Cesarean Birth

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated the NQF Number and Endorsed By fields to reflect NQF endorsement.	Header	NQF Number	Measure Lead
Updated the NQF Number and Endorsed By fields to reflect NQF endorsement.	Header	Endorsed By	Measure Lead
Updated grammar, wording, and/or formatting to improve readability and consistency.	Header	Description	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Added guidance to clarify patients may now be qualified for the denominator based on gestational age diagnosis codes when neither calculated or reported gestational age is available.	Header	Guidance	Measure Lead
Added guidance to note Gravida, Preterm Birth, Term Birth and Parity results are expected to be submitted via QRDA I as integers (and not quantities or numbers) to meet measure criteria.	Header	Guidance	Measure Lead
Removed redundant language from the Guidance section relating to Parity, Gravidity and Preterm/Term births	. Header	Guidance	Measure Lead
Updated Initial Population language to 'who undergo a delivery procedure with a discharge date that ends during the measurement period' to better align metadata and logic.	Header	Initial Population	Measure Lead
Removed redundant language from the Denominator section relating to Parity, Gravidity and Preterm/Term births.	Header	Denominator	Measure Lead
Expanded placenta previa denominator exclusion to include placenta accreta and vasa previa, per technical/clinical expert recommendation and applicability to the measure.	Header	Denominator Exclusions	Measure Lead
Moved metadata language that referred to the chart abstracted measure from the Denominator and Denominator Exclusions sections to the Guidance section to reduce potential confusion.	Header	Multiple Sections	Measure Lead
Added logic to denominator criteria to capture patients with specified weeks gestation based on diagnosis codes when neither calculated or reported gestational age is available.	Logic	Denominator	Measure Lead
Revised definition names to align with the expanded denominator exclusion of placenta accreta and vasa previa per technical/clinical expert recommendation and applicability to the measure.	Logic	Definitions	Measure Lead
Updated the version number of the PC Maternal Library to v3.0.000.	Logic	Definitions	Annual Update
Added 'EarliestOf' and 'relevantPeriod' to the Gravida, Parity, Preterm/Term Birth functions' 'where' and 'sort by' logic which will cause the 'NormalizeInterval' to be invoked, allowing for the consistent application of relevant datetime and relevant period when using 'Assessment, Performed' datatype.	Logic	Functions	ONC Project Tracking System (JIRA): CQM-5620
Removed 'Truncate.Time' function and added 'as DateTime' to Estimated Delivery Date result to simplify logic and allow hospitals to submit data as date only or as date/time.	Logic	Functions	Measure Lead
Updated the version number of the PC Maternal Library to v3.0.000.	Logic	Functions	Annual Update
Added value set 37 to 42 Plus Weeks Gestation (2.16.840.1.113762.1.4.1110.68) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Value set Abnormal Presentation (2.16.840.1.113762.1.4.1045.105): Added 13 SNOMED CT codes based on applicability of value set and/or OID. Added 7 ICD-10-CM codes (O64.8XX0, O64.8XX1, O64.8XX2, O64.8XX3, O64.8XX4, O64.8XX5, O64.8XX9) based on applicability of value set and/or OID.	Value Set	Terminology	Measure Lead
Value set (2.16.840.1.113762.1.4.1110.37): Renamed to Placenta Previa or Accreta or Vasa Previa based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS334v5 - Cesarean Birth

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value Set Placenta Previa or Accreta or Vasa Previa (2.16.840.1.113762.1.4.1110.37): Added 5 SNOMED CT codes (199895009, 199896005, 33058001, 70129008, 79668009) based on review by technical experts, SMEs, and/or public feedback. Deleted 1 SNOMED CT code (48888007) based on terminology update. Added 9 ICD-10-CM codes (O43.213, O43.219, O69.4XX0, O69.4XX1, O69.4XX2, O69.4XX3, O69.4XX4, O69.4XX5, O69.4XX9) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Payer (2.16.840.1.114222.4.11.3591): Added 5 SOP codes (1111, 1112, 142, 344, 141) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS506v6 - Safe Use of Opioids - Concurrent Prescribing

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated grammar, wording, and/or formatting to improve readability and consistency.	Header	Description	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Updated the Clinical Recommendation Statement to reflect current evidence.	Header	Clinical Recommendation	Measure Lead
- opuated the chilical neconfinentiation statement to reflect current evidence.	Tieauei	Statement	
Updated references.	Header	Reference	Measure Lead
Updated denominator exclusion language to more accurately reflect the logic excluding patients receiving			
palliative and hospice care in emergency department and observation stays before the relevant inpatient	Header	Denominator Exclusions	Measure Lead
encounter.			
Updated the denominator exclusion language to clarify that orders for palliative or hospice care count as a	Header	Denominator Exclusions	Measure Lead
palliative or hospice exclusion.	пеацеі	Denominator Exclusions	
Updated logic to assess Denominator Exclusion criteria for the Initial Population eligible encounter to better	Logic	Denominator Exclusions	ONC Project Tracking System
align with the measure intent and streamlined the logic construction.	Logic	Denominator Exclusions	(JIRA): CQM-5961
Updated the logic to align with measure intent that denominator exclusions apply only to the relevant	Logic	Denominator Exclusions	ONC Project Tracking System
encounter and not to all of a patient's encounters within the measurement period.	Logic	Denominator Exclusions	(JIRA): CQM-5965
Value set All Primary and Secondary Cancer (2.16.840.1.113762.1.4.1111.161): Added 1 ICD-10-CM code	Value Set	Terminology	ONC Project Tracking System
(C56.3) based on terminology update.	value Set	reminology	(JIRA): CQM-5788
Value set All Primary and Secondary Cancer (2.16.840.1.113762.1.4.1111.161): Deleted 12 SNOMED CT codes	Value Set	Terminology	Annual Update
based on terminology update.	value Set	reminology	Aimai Opuate
Value set Payer (2.16.840.1.114222.4.11.3591): Added 5 SOP codes (1111, 1112, 142, 344, 141) based on	Value Set	Terminology	Measure Lead
review by technical experts, SMEs, and/or public feedback.	value Set	reminology	Measure Leau
Value set Schedule II & III Opioid Medications (2.16.840.1.113762.1.4.1111.165): Added 1 RxNorm code			
(1944541) based on review by technical experts, SMEs, and/or public feedback. Deleted 1 RxNorm code	Value Set	Terminology	Measure Lead
(860151) based on terminology update. Deleted 3 RxNorm codes (994289, 994402, 993755) based on review		reminology	ivieasure Leau
by technical experts, SMEs, and/or public feedback.			

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CMS816v3 - Hospital Harm - Severe Hypoglycemia

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated grammar, wording, and/or formatting to improve readability and consistency.	Header	Description	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Updated the rationale to reflect recent evidence supporting the importance of the measure.	Header	Rationale	Measure Lead
Updated the Clinical Recommendation Statement to reflect current evidence.	Header	Clinical Recommendation	Measure Lead
opuated the chinical Recommendation statement to renect current evidence.	пеацег	Statement	ivieasure Lead
Updated references.	Header	Reference	Measure Lead
Removed duplicative statement from guidance.	Header	Guidance	Measure Lead
Revised the Initial Population narrative to reflect the updated age anchor to 18 years and older at the start of	Header	Initial Population	Measure Lead
the inpatient hospitalization to harmonize with other hospital measures.	rieauei	ilitiai Fopulation	ivieasure Leau
Revised the numerator to clarify the qualifying severe hypoglycemic event is not constrained to the first event	Header	Numerator	Measure Lead
in order to be counted in the numerator.	rieauei	Numerator	ivieasure Leau
Updated the definition to reflect glucose tests and relevant results are not limited to blood specimen or	Header	Multiple Sections	Measure Lead
laboratory or point of care test.	пеацег	Widitiple Sections	ivieasure Leau
Revised the age anchor to 18 years and older at the start of the inpatient hospitalization to harmonize with	Logic	Initial Population	Measure Lead
other hospital measures.	Logic	ilitiai Fopulation	ivieasure Leau
Revised the timing associated with Laboratory Test, Performed data elements to use Global. 'EarliestOf'() for			
the test timing to decrease implementation burden due to variable use of timing attributes for select QDM	Logic	Definitions	Measure Lead
data types.			
Revised glucose testing logic to constrain the test to the qualifying encounter to meet measure intent.	Logic	Definitions	Measure Lead
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style	Logic	Definitions	Standards/Technical Update
Guide.			
Value set Glucose Lab Test Mass Per Volume (2.16.840.1.113762.1.4.1248.34): Added 2 LOINC codes (1547-9,	Value Set	Terminology	Measure Lead
99504-3) based on review by technical experts, SMEs, and/or public feedback.			
Value set Hypoglycemics Severe Hypoglycemia (2.16.840.1.113762.1.4.1196.393): Added 1 RxNorm code	Value Set		
(2589008) based on review by technical experts, SMEs, and/or public feedback. Deleted 28 RxNorm codes		Terminology	Measure Lead
based on terminology update.			
Value set Payer (2.16.840.1.114222.4.11.3591): Added 5 SOP codes (1111, 1112, 142, 344, 141) based on	Value Set	Terminology	Measure Lead
review by technical experts, SMEs, and/or public feedback.			

CMS819v2 - Hospital Harm - Opioid-Related Adverse Events

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Removed duplicative statement regarding opioid antagonist administration in the operating room from the description as it is already in the guidance.	Header	Description	Measure Lead
Updated grammar, wording, and/or formatting to improve readability and consistency.	Header	Description	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Annual Update
Updated the rationale to reflect recent evidence supporting the importance of the measure.	Header	Rationale	Measure Lead
Updated the Clinical Recommendation Statement to reflect current evidence.	Header	Clinical Recommendation Statement	Measure Lead
Updated references.	Header	Reference	Measure Lead
Revised the Initial Population narrative to clarify that only opioid medications administered outside of the operating room (OR) will be evaluated.	Header	Initial Population	Measure Lead
Revised the Initial Population narrative to reflect the updated age anchor to 18 years and older at the start of the inpatient hospitalization to harmonize with other hospital measures.	Header	Initial Population	Measure Lead
Revised the narrative to clarify the route of administration of the opioid antagonist must be by intranasal spray, inhalation, intramuscular, subcutaneous, or intravenous injection in order to be evaluated for the numerator.	Header	Numerator	Measure Lead
Revised the narrative to remove 'Naloxone' when describing the opioid antagonists since it is no longer the only opioid antagonist medication in the measure.	Header	Multiple Sections	Measure Lead
Revised the age anchor to 18 years and older at the start of the inpatient hospitalization to harmonize with other hospital measures.	Logic	Initial Population	Measure Lead
Revised the definition name to align with logic content.	Logic	Initial Population	Measure Lead
Updated the Initial Population to exclude events where the opioid medication was given in the operating room.	Logic	Initial Population	Measure Lead
Updated the Numerator definition to only evaluate opioid antagonists given by a non-enteral (i.e., intravenous, intramuscular, subcutaneous, intranasal, inhalation) route. Revised the definition name to align with logic content.	Logic	Numerator	Measure Lead
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Definitions	Standards/Technical Update
Added nalmefene as a new type of opioid antagonist medication to the value set Opioid Antagonist (2.16.840.1.113762.1.4.1248.119) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Routes of Administration for Opioid Antagonists (2.16.840.1.113762.1.4.1248.187) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Value set Opioids, All (2.16.840.1.113762.1.4.1196.226): Added 19 RxNorm codes based on review by technical experts, SMEs, and/or public feedback. Deleted 153 RxNorm codes based on terminology update.	Value Set	Terminology	Measure Lead

CMS819v2 - Hospital Harm - Opioid-Related Adverse Events

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Opioid Antagonist (2.16.840.1.113762.1.4.1248.119): Added 2 RxNorm codes (199059, 2592953) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations. Added 1 RxNorm code (2596175) based on terminology update. Deleted 2 RxNorm codes (1191212, 1191228) based on terminology update.	Value Set	Terminology	Measure Lead
Value set Payer (2.16.840.1.114222.4.11.3591): Added 5 SOP codes (1111, 1112, 142, 344, 141) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS871v3 - Hospital Harm - Severe Hyperglycemia

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated grammar, wording, and/or formatting to improve readability and consistency.	Header	Description	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Annual Update
Updated the rationale to reflect recent evidence supporting the importance of the measure.	Header	Rationale	Measure Lead
Updated the Clinical Recommendation Statement to reflect current evidence.	Header	Clinical Recommendation Statement	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated the definition to clarify hospital 'days' are not defined as midnight-to-midnight but are full 24-hour periods that start at the time of admission to the hospital (including emergency department and observation), excluding the last period before discharge if it is less than 24 hours.	Header	Definition	Measure Lead
Updated the guidance to provide further clarity on how hyperglycemic event days are counted.	Header	Guidance	Measure Lead
Revised the Initial Population to reflect the updated age anchor to 18 years and older at the start of the inpatient hospitalization to harmonize with other hospital measures.	Header	Initial Population	Measure Lead
Revised the numerator to clarify the definition of discharge as the end of the hospitalization.	Header	Numerator	Measure Lead
Revised the descriptions of the Measure Observations to differentiate the Numerator/Denominator and the Measure Observation numerator/Measure Observation denominator ratio requirements and provide clarity.	Header	Measure Observations	Measure Lead
Updated the narrative to reflect glucose tests and relevant results are not limited to blood specimen or laboratory or point of care test.	Header	Multiple Sections	Measure Lead
Revised the age anchor to 18 years and older at the start of the inpatient hospitalization to harmonize with other hospital measures.	Logic	Initial Population	Measure Lead
Revised the denominator exclusion to constrain the glucose test to the qualifying encounter.	Logic	Denominator Exclusions	ONC Project Tracking System (JIRA): CQM-5566
Revised the timing associated with Laboratory Test, Performed data elements to use Global. 'EarliestOf'() for the test timing to decrease implementation burden due to variable use of timing attributes for select QDM data types.	Logic	Definitions	Measure Lead
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Definitions	Standards/Technical Update
Updated the Denominator Observations and Numerator Observations functions to return 0 for the Measure Observations results for encounters that meet the Denominator Exclusion criteria.	Logic	Functions	ONC Project Tracking System (JIRA): CQM-5218
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Deleted 54 ICD-9-CM codes based on validity of code during timing of look back period. Deleted 3 SNOMED CT codes (190369008, 237618001, 314771006) based on validity of code during timing of look back period.	Value Set	Terminology	Measure Lead
Value set Glucose Lab Test Mass Per Volume (2.16.840.1.113762.1.4.1248.34): Added 2 LOINC codes (1547-9, 99504-3) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

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CMS871v3 - Hospital Harm - Severe Hyperglycemia

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Hypoglycemics Treatment Medications (2.16.840.1.113762.1.4.1196.394): Added 1 RxNorm code	Value Set n		
(2589008) based on review by technical experts, SMEs, and/or public feedback. Added 2 RxNorm codes			
(2599362, 2619152) based on terminology update. Added 6 RxNorm codes (2601743, 2601755, 2601761,		Torminalogy	Measure Lead
2601767, 2601773, 2601784) based on updated evidence in published guidelines, published literature, or from		Terminology	
published specialty medical society or group recommendations. Deleted 39 RxNorm codes based on			
terminology update.			
Value set Payer (2.16.840.1.114222.4.11.3591): Added 5 SOP codes (1111, 1112, 142, 344, 141) based on	Value Set	Torminalogy	Measure Lead
review by technical experts, SMEs, and/or public feedback.		Terminology	

CMS986v2 - Global Malnutrition Composite Score

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Revised the narrative of the Initial Population age parameter to start at the beginning of the encounter to align	Heredon.	Header Description	ONC Project Tracking System
the measure with other eligible hospital measures.	Header		(JIRA): CQM-5829
Updated copyright.	Header	Copyright	Annual Update
Updated references.	Header	Reference	Measure Lead
Added definitions for the four component measures (i.e., 'Malnutrition Risk Screening', 'Nutrition Assessment',			<u> </u>
'Malnutrition Diagnosis', and 'Nutrition Care Plan') to clarify each component's activity and responsible	Header	Definition	Measure Lead
discipline(s).			
Revised the narrative of the Initial Population age parameter to start at the beginning of the encounter to align	llaada.	laitial Bandatian	ONC Project Tracking System
the measure with other eligible hospital measures.	Header	Initial Population	(JIRA): CQM-5829
Updated grammar, wording, and/or formatting to improve readability and consistency.	Header	Multiple Sections	Annual Update
Updated measure language to indicate referral to a hospital dietitian is applicable to meet the measure intent	Heredon.	M. Itiala Castiana	NA I I
as care for patients who are malnourished.	Header	Multiple Sections	Measure Lead
Added narrative to clarify performance calculations for individual and aggregate scores based on review by			ONC Project Tracking System
technical experts, SMEs, and/or public feedback.	Header	Multiple Sections	(JIRA): CQM-5495
Revised the age anchor from the start of the measurement period to the start of the encounter to align the			ONC Project Tracking System
measure with other eligible hospital measures.	Logic	Initial Population	(JIRA): CQM-5829
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style	1		
Guide.	Logic	Definitions	Standards/Technical Update
Revised the timing attributes for the logic definitions to more accurately represent the timing for the		_	
performed measure observations.	Logic	Definitions	Measure Lead
Updated measure definitions to allow all clinically eligible activities performed in pre-admission settings to be			
evaluated in the Measures Observations.	Logic	Definitions	Measure Lead
Added logic to capture hospitalizations for patients 'not at risk' for malnutrition.	Logic	Definitions	Measure Lead
Added logic to capture hospitalizations for patients 'not or mildly malnourished'.	Logic	Definitions	Measure Lead
Added logic to capture hospitalizations for patients 'not at risk' for malnutrition.	Logic	Functions	Measure Lead
Added logic to capture hospitalizations for patients 'not or mildly malnourished'.	Logic	Functions	Measure Lead
Updated the sixth measure observation logic in hospitalizations for patients who were screened for			Measure Lead
malnutrition risk, identified as not at risk for malnutrition, and did not have an order for a hospital dietitian	Logic	Multiple Sections	
referral during that hospitalization.			
Added value set Emergency Department Visit (2.16.840.1.113883.3.117.1.7.1.292) based on change in	Value Set	Terminology	Measure Lead
measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Hospital Dietitian Referral (2.16.840.1.113762.1.4.1095.91) based on change in measure	Value Set	Torminology	Measure Lead
requirements/measure specification.	Value Set	Terminology	Measure Leau
Value set Malnutrition Diagnosis (2.16.840.1.113762.1.4.1095.55): Added 3 ICD-10-CM codes (T73.0XXA,			
T73.0XXD, T73.0XXS) based on terminology update. Deleted 1 ICD-10-CM code (T73.0) based on terminology	Value Sat	alue Set Terminology	Measure Lead
update. Deleted 2 SNOMED CT codes (190602008, 360549009) based on review by technical experts, SMEs,	value Jet		IVICUSUIE LEAU
and/or public feedback.			

CMS986v2 - Global Malnutrition Composite Score

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Replaced value set Malnutrition Risk Screening (2.16.840.1.113762.1.4.1095.40) with value set Malnutrition Risk Screening (2.16.840.1.113762.1.4.1095.92) based on applicability of value set and/or OID.	Value Set	Terminology	Measure Lead
Value set Malnutrition Screening At Risk Result (2.16.840.1.113762.1.4.1095.38): Added 3 SNOMED CT codes (129845004, 445421000124101, 704361005) based on review by technical experts, SMEs, and/or public feedback. Deleted 1 SNOMED CT code (284670008) based on review by technical experts, SMEs, and/or public feedback.		Terminology	Measure Lead
Added value set Malnutrition Screening Not At Risk Result (2.16.840.1.113762.1.4.1095.34) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Replaced value set Malnutrition Assessment (2.16.840.1.113762.1.4.1095.29) with value set Nutrition Assessment (2.16.840.1.113762.1.4.1095.21) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Replaced value set Nutritional Status Moderately Malnourished (2.16.840.1.113762.1.4.1095.47) with value set Nutrition Assessment Status Moderately Malnourished (2.16.840.1.113762.1.4.1095.44) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Nutrition Assessment Status Not or Mildly Malnourished (2.16.840.1.113762.1.4.1095.48) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Replaced value set Nutrition Care Plan (2.16.840.1.113762.1.4.1095.88) with value set Nutrition Care Plan (2.16.840.1.113762.1.4.1095.93) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Replaced value set Nutritional Status Severely Malnourished (2.16.840.1.113762.1.4.1095.43) with value set Nutrition Assessment Status Severely Malnourished (2.16.840.1.113762.1.4.1095.42) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Observation Services (2.16.840.1.113762.1.4.1111.143) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Value set Payer (2.16.840.1.114222.4.11.3591): Added 5 SOP codes (1111, 1112, 142, 344, 141) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

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CMS1028v2 - Severe Obstetric Complications

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated grammar, wording, and/or formatting to improve readability and consistency.	Header	Description	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Added link to the Risk Methodology Report to aid implementation.	Header	Risk Adjustment	Measure Lead
Clarified Lab and Physical Exam Results to improve readability.	Header	Risk Adjustment	Measure Lead
Updated risk adjustment variable description from 'BMI>=40' to 'Morbid Obesity' as ICD-10 coding guidelines indicate BMI codes are not to be assigned for pregnant patients.	Header	Risk Adjustment	Measure Lead
Added guidance to clarify patients may now be qualified for the denominator based on gestational age diagnosis codes when neither calculated or reported gestational age is available.	Header	Guidance	Measure Lead
Added guidance to clarify where present on admission information may be sourced.	Header	Multiple Sections	Measure Lead
Added logic to denominator criteria to capture patients with specified weeks gestation based on diagnosis codes when neither calculated or reported gestational age is available.	Logic	Denominator	Measure Lead
Updated definition name to 'Risk Variable Morbid Obesity' to reflect change in value set as ICD-10 coding guidelines indicate BMI codes are not to be assigned for pregnant patients.	Logic	Definitions	Measure Lead
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Definitions	Standards/Technical Update
Updated the version number of the PC Maternal Library to v3.0.000.	Logic	Definitions	Annual Update
Removed 'Truncate.Time' function and added 'as DateTime' to Estimated Delivery Date result to simplify logic and allow hospitals to submit data as date only or as date/time.	Logic	Functions	Measure Lead
Updated the version number of the PC Maternal Library to v3.0.000.	Logic	Functions	Annual Update
Added value set 20 to 42 Plus Weeks Gestation (2.16.840.1.113762.1.4.1110.67) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Value set (2.16.840.1.113883.3.117.1.7.1.271): Renamed to Acute or Persistent Asthma based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set Anemia (2.16.840.1.113762.1.4.1029.323): Added 4 ICD-10-CM codes (D59.30, D59.31, D59.32, D59.39) based on terminology update. Deleted 1 ICD-10-CM code (D59.3) based on terminology update.	Value Set	Terminology	Annual Update
Value set Bleeding Disorder (2.16.840.1.113762.1.4.1029.287): Added 10 ICD-10-CM codes (D68.00, D68.01, D68.020, D68.021, D68.022, D68.023, D68.029, D68.03, D68.04, D68.09) based on terminology update. Deleted 1 ICD-10-CM code (D68.0) based on terminology update.	Value Set	Terminology	Annual Update
Value set Blood Transfusion (2.16.840.1.113762.1.4.1029.213): Added 19 SNOMED CT codes based on terminology update. Added 20 ICD-10-PCS codes based on terminology update.	Value Set	Terminology	Annual Update
Value set Cardiac Disease (2.16.840.1.113762.1.4.1029.341): Added 30 ICD-10-CM codes based on terminology update. Deleted 5 ICD-10-CM codes (I47.2, I31.3, I34.8, Q21.1, Q21.2) based on terminology update.	Value Set	Terminology	Annual Update
Value set Economic Housing Instability (2.16.840.1.113762.1.4.1029.292): Added 3 ICD-10-CM codes (Z59.82, Z59.86, Z59.87) based on terminology update.	Value Set	Terminology	Annual Update
Value set Gastrointestinal Disease (2.16.840.1.113762.1.4.1029.338): Added 1 ICD-10-CM code (K76.82) based on terminology update.	Value Set	Terminology	Annual Update

CMS1028v2 - Severe Obstetric Complications

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Hematocrit lab test (2.16.840.1.113762.1.4.1045.114): Added 1 LOINC code (48703-3) based on	Value Set	Terminology Mea	Measure Lead
review by technical experts, SMEs, and/or public feedback.	value Set	reminology	Measure Lead
Value set (2.16.840.1.113762.1.4.1029.272): Renamed to HIV in Pregnancy Childbirth and Puerperium based	Value Set	Townsingles	Annual IIndata
on recommended value set naming conventions.	value Set	Terminology	Annual Update
Value set Mental Health Disorder (2.16.840.1.113762.1.4.1029.314): Added 5 ICD-10-CM codes (F32.A, F06.70,	,		
F06.71, F43.81, F43.89) based on terminology update. Deleted 1 ICD-10-CM code (F43.8) based on	Value Set	Terminology	Annual Update
terminology update.			
Value set (2.16.840.1.113762.1.4.1029.329): Renamed to Mild or Moderate Preeclampsia based on	Value Cat	T	Americal Hardete
recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113762.1.4.1029.290): Renamed to Morbid or Severe Obesity based on recommended		Tamainalam	
value set naming conventions.	Value Set	Terminology	Annual Update
Value set Neuromuscular Disease (2.16.840.1.113762.1.4.1029.308): Added 2 ICD-10-CM codes (G40.833,	Value Set	Townsingles	Annual Update
G40.834) based on terminology update.	value Set	Terminology	
Value set Payer (2.16.840.1.114222.4.11.3591): Added 5 SOP codes (1111, 1112, 142, 344, 141) based on	Value Set	Tamain alam.	Measure Lead
review by technical experts, SMEs, and/or public feedback.	value Set	Terminology	
Value set Previous Cesarean (2.16.840.1.113762.1.4.1029.278): Added 1 ICD-10-CM code (O34.218) based on	Value Set	Tamain alam.	Annual Update
terminology update.	value Set	Terminology	
Value set Renal Disease (2.16.840.1.113762.1.4.1029.335): Added 7 ICD-10-CM codes (N03.A, N04.A, N05.A,			
N07.A, N18.30, N18.31, N18.32) based on terminology update. Deleted 1 ICD-10-CM code (N18.3) based on	Value Set	Terminology	Annual Update
terminology update.			
Value set Respiratory Support Procedures Related to COVID 19 (2.16.840.1.113762.1.4.1029.379): Deleted 1	Value Set	Terminology	Annual Update
ICD-10-PCS code (5A0522C) based on terminology update.	value Set		
Value set Severe Maternal Morbidity Diagnoses (2.16.840.1.113762.1.4.1029.255): Added 44 ICD-10-CM codes	5		
based on terminology update. Deleted 1 ICD-10-CM code (O72.3) based on review by technical experts, SMEs,	Value Set	Terminology	Measure Lead
and/or public feedback. Deleted 8 ICD-10-CM codes (I71.1, I71.5, I63.8, I71.01, I71.2, I71.3, I71.4, I71.6) based	value Set		
on terminology update.			
Value set Severe Maternal Morbidity Procedures (2.16.840.1.113762.1.4.1029.256): Added 61 SNOMED CT	Value Set	Terminology	Measure Lead
codes based on review by technical experts, SMEs, and/or public feedback.		reminology	Measure Lead
Value set Substance Abuse (2.16.840.1.113762.1.4.1029.320): Added 21 ICD-10-CM codes based on	Value Set	Terminology	Annual Update
terminology update.			
Value set (2.16.840.1.113762.1.4.1029.363): Renamed to Venous Thromboembolism in Pregnancy based on	Value Set	Torminology	Annual Hadata
recommended value set naming conventions.		Terminology	Annual Update
Value set White blood cells count lab test (2.16.840.1.113762.1.4.1045.129): Added 2 LOINC codes (12227-5,	Value Set	Terminology	Measure Lead
92635-2) based on review by technical experts, SMEs, and/or public feedback.		Terminology	ivieasure Lead