

**Technical Release Notes:**

**2022 Performance Period Electronic Clinical Quality Measures (eCQMs)  
for Eligible Hospitals and Critical Access Hospitals**

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**CMS9v10 - Exclusive Breast Milk Feeding**

<b>Technical Release Notes</b>	<b>Type of TRN</b>	<b>Measure Section</b>	<b>Source of Change</b>
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Added a period '.' to 'Measure specifications are in the Public Domain' in Copyright section to align with current guidelines.	Header	Copyright	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Added clarifying language to the guidance section of episode-based measures to define the episode.	Header	Guidance	Measure Lead
Added guidance to consider 40% dextrose or glucose gel as a medication to better align with the measure intent.	Header	Guidance	Measure Lead
Added guidance to use birth weight closest to delivery when there are multiple birth weights documented for consistency with measure intent.	Header	Guidance	<a href="#">ONC Project Tracking System (Jira): CQM-4012</a>
Removed guidance for calculation of gestational age based on ReVITALize guidelines because it is not consistent with current measure logic.	Header	Guidance	Measure Lead
Revised the unit of 'Gestational age--at birth' from 'wk' to 'weeks' to more accurately reflect the way it is documented within an EHR.	Logic	Initial Population	Measure Lead
Added 'day of' to the 'Single Live Term Newborn Encounter During Measurement Period' definition to align with a change to the Global.'Inpatient Encounter' definition.	Logic	Initial Population	Measure Lead
Created a new CQL library 'PCNewborn' to facilitate sharing the same Initial Population definitions across all newborn measures.	Logic	Initial Population	Measure Lead
Added 'Intensive Care Unit' facility location to capture all relevant denominator exclusion cases for newborns admitted to an intensive care unit.	Logic	Denominator Exclusions	<a href="#">ONC Project Tracking System (Jira): CQM-4044</a>
Added 'Medication, Administered' data type to express a denominator exclusion for newborn administered Total Parenteral Nutrition.	Logic	Denominator Exclusions	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Added value set Intensive Care Unit (2.16.840.1.113762.1.4.1029.206) based on new or changed coding guidelines.	Value Set	Terminology	Annual Update
Added value set Total Parenteral Nutrition (2.16.840.1.113762.1.4.1110.54) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead

**CMS71v11 - Anticoagulation Therapy for Atrial Fibrillation/Flutter**

<b>Technical Release Notes</b>	<b>Type of TRN</b>	<b>Measure Section</b>	<b>Source of Change</b>
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Added clarifying language to the guidance section of episode-based measures to define the episode.	Header	Guidance	Measure Lead
Updated Global.'Inpatient Encounter' definition by adding 'day of' to ensure all cases within the measurement period are captured and evaluated in the initial population.	Logic	Definitions	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Updated TJC_Overall CQL Library to version 5.2.000.	Logic	Multiple Sections	Measure Lead

**CMS72v10 - Antithrombotic Therapy By End of Hospital Day 2**

<b>Technical Release Notes</b>	<b>Type of TRN</b>	<b>Measure Section</b>	<b>Source of Change</b>
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Added clarifying language to the guidance section of episode-based measures to define the episode.	Header	Guidance	Measure Lead
Removed from guidance the phrase 'Enoxaparin 40mg once a day is not a therapeutic dose for antithrombotic therapy.' because it is not consistent with current measure logic.	Header	Guidance	<a href="#">ONC Project Tracking System (Jira): CQM-3989</a>
Updated Global.'Inpatient Encounter' definition by adding 'day of' to ensure all cases within the measurement period are captured and evaluated in the initial population.	Logic	Definitions	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Updated TJC_Overall CQL Library to version 5.2.000.	Logic	Multiple Sections	Measure Lead
Value set Intravenous or Intra-arterial Thrombolytic (t-PA) Therapy (2.16.840.1.113762.1.4.1045.21): Added 8 ICD-10-PCS codes (3E03017, 3E03317, 3E04017, 3E04317, 3E05017, 3E05317, 3E06017, 3E06317) based on terminology update.	Value Set	Terminology	<a href="#">ONC Project Tracking System (Jira): CQM-4425</a>
Replaced value set Antithrombotic Therapy (2.16.840.1.113883.3.117.1.7.1.201) with value set Antithrombotic Therapy (2.16.840.1.113762.1.4.1110.62) based on applicability of value set and/or OID.	Value Set	Terminology	Annual Update
Value set Antithrombotic Therapy (2.16.840.1.113762.1.4.1110.62): Added 2 RxNorm codes (854228, 854235) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Thrombolytic (t-PA) Therapy (2.16.840.1.113883.3.117.1.7.1.226): Added 1 RxNorm code (313212) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

**CMS104v10 - Discharged on Antithrombotic Therapy**

<b>Technical Release Notes</b>	<b>Type of TRN</b>	<b>Measure Section</b>	<b>Source of Change</b>
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Added clarifying language to the guidance section of episode-based measures to define the episode.	Header	Guidance	Measure Lead
Updated Global.'Inpatient Encounter' definition by adding 'day of' to ensure all cases within the measurement period are captured and evaluated in the initial population.	Logic	Definitions	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Updated TJC_Overall CQL Library to version 5.2.000.	Logic	Multiple Sections	Measure Lead
Replaced value set Antithrombotic Therapy (2.16.840.1.113883.3.117.1.7.1.201) with value set Antithrombotic Therapy (2.16.840.1.113762.1.4.1110.62) based on applicability of value set and/or OID.	Value Set	Terminology	Annual Update
Value set Antithrombotic Therapy (2.16.840.1.113762.1.4.1110.62): Added 2 RxNorm codes (854228, 854235) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

**CMS105v10 - Discharged on Statin Medication**

<b>Technical Release Notes</b>	<b>Type of TRN</b>	<b>Measure Section</b>	<b>Source of Change</b>
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Added clarifying language to the guidance section of episode-based measures to define the episode.	Header	Guidance	Measure Lead
Updated Global.'Inpatient Encounter' definition by adding 'day of' to ensure all cases within the measurement period are captured and evaluated in the initial population.	Logic	Definitions	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Updated TJC_Overall CQL Library to version 5.2.000.	Logic	Multiple Sections	Measure Lead
Value set LDL-c (2.16.840.1.113883.3.117.1.7.1.215): Added 2 LOINC codes (96259-7, 96597-0) based on terminology update.	Value Set	Terminology	Annual Update
Value set Statin Grouper (2.16.840.1.113762.1.4.1110.19): Deleted 4 RxNorm codes (757702, 757703, 757704, 757705) based on terminology update.	Value Set	Terminology	Annual Update

**CMS108v10 - Venous Thromboembolism Prophylaxis**

<b>Technical Release Notes</b>	<b>Type of TRN</b>	<b>Measure Section</b>	<b>Source of Change</b>
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Revised the measure description for consistency with the numerator statement.	Header	Description	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Corrected a misspelling.	Header	Clinical Recommendation Statement	Measure Lead
Added clarifying language to the guidance section of episode-based measures to define the episode.	Header	Guidance	Measure Lead
Revised the denominator statement for consistency with other measures where the denominator is the initial population.	Header	Denominator	Measure Lead
Created a library named 'VTE' for an Initial Population definition that is shared by both VTE-1 and VTE-2 measures.	Logic	Initial Population	Annual Update
Updated Global.'Inpatient Encounter' definition by adding 'day of' to ensure all cases within the measurement period are captured and evaluated in the initial population.	Logic	Definitions	Measure Lead
Replace relevantDatetime with Global.'EarliestOf'() for assessment performed datatype to decrease implementation burden due to variable use of timing attributes for the same QDM datatypes used across measures.	Logic	Multiple Sections	<a href="#">ONC Project Tracking System (Jira): CQM-3873</a>
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Updated VTEICU CQL Library to version 5.2.000.	Logic	Multiple Sections	Measure Lead
Updated TJC_Overall CQL Library to version 5.2.000.	Logic	Multiple Sections	Measure Lead
Value set Oral Factor Xa Inhibitor for VTE Prophylaxis or VTE Treatment (2.16.840.1.113883.3.117.1.7.1.134): Deleted 2 RxNorm codes (1927856, 1927864) 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): Deleted 1 RxNorm code (978713) 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 7 SNOMED CT codes (173743009, 173744003, 174309007, 235280006, 239989009, 287794009, 287861004) based on terminology update.	Value Set	Terminology	Annual Update
Value set Obstetrics VTE (2.16.840.1.113883.3.117.1.7.1.264): Deleted 2 SNOMED CT codes (200302000, 663008) based on terminology update.	Value Set	Terminology	Annual Update
Value set Venous Thromboembolism (2.16.840.1.113883.3.117.1.7.1.279): Deleted 1 ICD-10-CM code (I28.9) and 2 SNOMED CT codes (276494008, 413956008) based on terminology update.	Value Set	Terminology	Annual Update
Value set Obstetrics (2.16.840.1.113883.3.117.1.7.1.263): Added 3 ICD-10-CM codes (O99.891, O99.892, O99.893) based on terminology update. Deleted 36 SNOMED CT codes and 1 ICD-10-CM code (O99.89) based on terminology update.	Value Set	Terminology	Annual Update



**CMS108v10 - Venous Thromboembolism Prophylaxis**

<b>Technical Release Notes</b>	<b>Type of TRN</b>	<b>Measure Section</b>	<b>Source of Change</b>
Value set Mental Health Diagnoses (2.16.840.1.113883.3.464.1003.105.12.1004): Added 54 SNOMED CT codes and 780 ICD-10-CM codes based on review by technical experts, SMEs, and/or public feedback. Deleted 25 SNOMED CT codes and 5 ICD-10-CM codes (F32.8, F34.8, F42, F50.8, F53) based on terminology update.	Value Set	Terminology	<a href="#">ONC Project Tracking System (Jira): CQM-4028</a>
Renamed value set Rivaroxaban for VTE Prophylaxis (2.16.840.1.113762.1.4.1110.50) based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set Rivaroxaban for VTE Prophylaxis (2.16.840.1.113762.1.4.1110.50): Deleted 2 RxNorm codes (1927856, 1927864) based on terminology update.	Value Set	Terminology	Annual Update

**CMS111v10 - Median Admit Decision Time to ED Departure Time for Admitted Patients**

<b>Technical Release Notes</b>	<b>Type of TRN</b>	<b>Measure Section</b>	<b>Source of Change</b>
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Revised and updated the rationale section to include recent citations.	Header	Rationale	Measure Lead
Revised and updated the clinical recommendation section to include recent citations.	Header	Clinical Recommendation Statement	Measure Lead
Updated references.	Header	Reference	Annual Update
Added clarifying language to the guidance section of episode-based measures to define the episode.	Header	Guidance	Measure Lead
Added guidance to explain why the measure stratification includes psychiatric/mental health populations.	Header	Guidance	Measure Lead
Shortened the names of AdmitDecisionUsingAssessmentDuringLastEDBeforeDeparture and admitDecisionUsingEncounterOrderDuringLastEDandBeforeDeparture to AdmitDecisionUsingAssessment and AdmitDecisionUsingEncounterOrder to improve readability.	Logic	Initial Population	Annual Update
Added a 'let' clause AdmitAssessment: 'AdmitDecisionUsingAssessmentDuringLastEDBeforeDeparture'(EncounterInpatient) to streamline the text used to express the logic in the NormalizeInterval function in the ED Encounter with Decision to Admit definition.	Logic	Initial Population	Annual Update
Removed the word 'from' and added parentheses to group logic to ensure intent is captured in the ED Encounter with Decision to Admit definition.	Logic	Definitions	Annual Update
Updated Global.'Inpatient Encounter' definition by adding 'day of' to ensure all cases within the measurement period are captured and evaluated in the initial population.	Logic	Definitions	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Definitions	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Functions	Standards Update
Corrected the spelling of the word 'occurred' within the inline comment of the function AdmitDecisionUsingEncounterOrderDuringLastEDandBeforeDeparture.	Logic	Functions	Measure Lead
Relocated the 'EDEvaluation.result' in 'Admit Inpatient' clause in the logic to improve calculation efficiency and added starts to the timing to ensure intent is captured in the AdmitDecisionUsingAssessment function.	Logic	Functions	Annual Update
Revised the approach for identifying the location period end date by adding the Global.'HasEnd' function. The Global.'HasEnd' function more clearly and consistently identifies when the Emergency Department Visit location period interval has an end date.	Logic	Functions	Standards Update
Value set Decision to Admit to Hospital Inpatient (2.16.840.1.113883.3.117.1.7.1.295): Added 1 SNOMED CT code (432661000124104) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

**CMS111v10 - Median Admit Decision Time to ED Departure Time for Admitted Patients**

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Psychiatric/Mental Health Diagnosis (2.16.840.1.113883.3.117.1.7.1.299): Added 2 SNOMED CT codes (160822004, 817962007) based on terminology update. Deleted 8 SNOMED CT codes (106013002, 111476001, 191539009, 192118006, 229729009, 231475006, 28857002, 82096005) based on terminology update.	Value Set	Terminology	Annual Update
Value set Admit Inpatient (2.16.840.1.113762.1.4.1111.164): Deleted 6 SNOMED CT codes (183767005, 183768000, 183783005, 183789009, 185970004, 185971000) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

**CMS190v10 - Intensive Care Unit Venous Thromboembolism Prophylaxis**

<b>Technical Release Notes</b>	<b>Type of TRN</b>	<b>Measure Section</b>	<b>Source of Change</b>
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Corrected a misspelling.	Header	Clinical Recommendation Statement	Measure Lead
Added clarifying language to the guidance section of episode-based measures to define the episode.	Header	Guidance	Measure Lead
Created a library named 'VTE' for an Initial Population definition that is shared by both VTE-1 and VTE-2 measures.	Logic	Initial Population	Annual Update
Updated Global.'Inpatient Encounter' definition by adding 'day of' to ensure all cases within the measurement period are captured and evaluated in the initial population.	Logic	Definitions	Measure Lead
Replace relevantDatetime with Global.'EarliestOf'() for assessment performed datatype to decrease implementation burden due to variable use of timing attributes for the same QDM datatypes used across measures.	Logic	Multiple Sections	<a href="#">ONC Project Tracking System (Jira): CQM-3873</a>
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Updated VTEICU CQL Library to version 5.2.000.	Logic	Multiple Sections	Measure Lead
Updated TJC_Overall CQL Library to version 5.2.000.	Logic	Multiple Sections	Measure Lead
Value set Oral Factor Xa Inhibitor for VTE Prophylaxis or VTE Treatment (2.16.840.1.113883.3.117.1.7.1.134): Deleted 2 RxNorm codes (1927856, 1927864) 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): Deleted 1 RxNorm code (978713) 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 7 SNOMED CT codes (173743009, 173744003, 174309007, 235280006, 239989009, 287794009, 287861004) based on terminology update.	Value Set	Terminology	Annual Update
Value set Obstetrics VTE (2.16.840.1.113883.3.117.1.7.1.264): Deleted 2 SNOMED CT codes (200302000, 663008) based on terminology update.	Value Set	Terminology	Annual Update
Value set Venous Thromboembolism (2.16.840.1.113883.3.117.1.7.1.279): Deleted 1 ICD-10-CM code (I28.9) based on review by technical experts, SMEs, and/or public feedback. Deleted 2 SNOMED CT codes (276494008, 413956008) based on terminology update.	Value Set	Terminology	Annual Update
Value set Obstetrics (2.16.840.1.113883.3.117.1.7.1.263): Added 3 ICD-10-CM codes (O99.891, O99.892, O99.893) based on terminology update. Deleted 36 SNOMED CT codes and 1 ICD-10-CM code (O99.89) based on terminology update.	Value Set	Terminology	Annual Update

**CMS190v10 - Intensive Care Unit Venous Thromboembolism Prophylaxis**

<b>Technical Release Notes</b>	<b>Type of TRN</b>	<b>Measure Section</b>	<b>Source of Change</b>
Renamed value set Rivaroxaban for VTE Prophylaxis (2.16.840.1.113762.1.4.1110.50) based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set Rivaroxaban for VTE Prophylaxis (2.16.840.1.113762.1.4.1110.50): Deleted 2 RxNorm codes (1927856, 1927864) based on terminology update.	Value Set	Terminology	Annual Update

**CMS506v4 - Safe Use of Opioids - Concurrent Prescribing**

<b>Technical Release Notes</b>	<b>Type of TRN</b>	<b>Measure Section</b>	<b>Source of Change</b>
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Updated references.	Header	Reference	Annual Update
Revised definition of opioid for brevity.	Header	Definition	Measure Lead
Added guidance that each medication on the discharge list is considered unique for clarification.	Header	Guidance	Annual Update
Added clarifying language to the guidance section of episode-based measures to define the episode.	Header	Guidance	Measure Lead
Revised the Initial Population statement to clarify number of new or continuing opioids or benzodiazepines at discharge.	Header	Initial Population	Measure Lead
Updated Denominator Exclusions statement for patients discharged to another inpatient care facility or who expire during the inpatient stay to align with the measure intent.	Header	Denominator Exclusions	<a href="#">ONC Project Tracking System (Jira): CQM-4030</a>
Revised denominator exclusion statement to clarify exclusion of patients with a cancer diagnosis that begins prior to or during the inpatient stay.	Header	Denominator Exclusions	Measure Lead
Added logic to Denominator Exclusions for patients with a discharge disposition to an acute facility or expired to align with the measure intent.	Logic	Denominator Exclusions	<a href="#">ONC Project Tracking System (Jira): CQM-4030</a>
Updated denominator exclusion logic for hospice care referral or admission at discharge.	Logic	Denominator Exclusions	<a href="#">ONC Project Tracking System (Jira): CQM-4073</a>
Updated the Denominator exclusion logic to return the Encounter, Performed, to better align with measure intent.	Logic	Denominator Exclusions	Annual Update
Updated Numerator logic to return distinct opioid codes to prevent counting an opioid multiple times.	Logic	Numerator	Annual Update
Updated Global.'Inpatient Encounter' definition by adding 'day of' to ensure all cases within the measurement period are captured and evaluated in the initial population.	Logic	Definitions	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Updated value set name to Schedule II & III Opioid Medications to avoid confusion with other opioid value sets.	Logic	Multiple Sections	Measure Lead
Value set All Primary and Secondary Cancer (2.16.840.1.113762.1.4.1111.161): Added 75 SNOMED CT codes based on terminology update. Deleted 49 SNOMED CT codes based on terminology update and review by technical experts, SMEs, and/or public feedback. Removed SNOMED CT code 7403002 'Orthodontic (qualifier value)' that was erroneously included in the value set.	Value Set	Terminology	Annual Update
Value set Schedule IV Benzodiazepines (2.16.840.1.113762.1.4.1125.1): Added 3 RxNorm codes (2272613, 2272626, 2272632) based on terminology update. Deleted 5 RxNorm codes (199275, 199975, 204892, 312133, 312135) based on terminology update.	Value Set	Terminology	Annual Update

**CMS506v4 - Safe Use of Opioids - Concurrent Prescribing**

<b>Technical Release Notes</b>	<b>Type of TRN</b>	<b>Measure Section</b>	<b>Source of Change</b>
Value set Schedule II & III Opioid Medications (2.16.840.1.113762.1.4.1111.165): Added 14 RxNorm codes based on terminology update and review by technical experts, SMEs, and/or public feedback. Deleted 28 RxNorm codes based on terminology update.	Value Set	Terminology	Annual Update
Added value sets Discharge To Acute Care Facility (2.16.840.1.113883.3.117.1.7.1.87) and Patient Expired (2.16.840.1.113883.3.117.1.7.1.309) to exclude patients discharged to an acute care facility or who expire prior to discharge to align with the measure intent.	Value Set	Terminology	<a href="#">ONC Project Tracking System (Jira): CQM-4030</a>
Added value set Hospice Care Referral or Admission (2.16.840.1.113762.1.4.1116.365) to identify patients receiving palliative or hospice care for denominator exclusion.	Value Set	Terminology	<a href="#">ONC Project Tracking System (Jira): CQM-4073</a>
Renamed value set Schedule II & III Opioid Medications (2.16.840.1.113762.1.4.1111.165) to avoid confusion with other opioid value sets.	Value Set	Terminology	Measure Lead