Technical Release Notes:

2024 Reporting Period Electronic Clinical Quality Measures (eCQMs)

for Outpatient Quality Reporting

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CMS996v4 - Appropriate Treatment for ST-Segment Elevation Myocardial Infarction (STEMI) Patients in the Emergency Department (ED)

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 description of Initial Population timing to align with measure logic and intent.	Header	Initial Population	Test Case Review
Updated the Initial Population language to indicate the Emergency Department visits that end during the measurement period are captured in this measure.	Header	Initial Population	ONC Project Tracking System (JIRA): CQM-5380
Updated timing of major surgical procedure denominator exclusion to '21 days or less before start of ED Encounter' to align with other definitions.	Header	Denominator Exclusions	Measure Lead
Updated Denominator Exclusion to clarify aortic dissection or ruptured aortic aneurysm satisfies the exclusion criteria to align with measure intent; suspected aortic dissection is not a valid denominator exclusion.	Header	Denominator Exclusions	Measure Lead
Updated Denominator Exclusion to clarify the diagnosis of ischemic stroke, significant facial and/or closed head trauma, and peptic ulcer may start within 90 days before the start of the ED encounter or at the start of the ED encounter to better align with measure intent.	Header	Denominator Exclusions	ONC Project Tracking System (JIRA): CQM-5803
Added timing to denominator exclusion to align with measure logic to add 'during ED encounter' for allergic reaction to Thrombolytics.	Header	Denominator Exclusions	Test Case Review
Revised the order of denominator exclusions in the measure header and logic for readability and listed the exclusions in the header from earliest to latest.	Header	Denominator Exclusions	Measure Lead
Updated timing of the 'Emergency Department Evaluation and Management Visti' to require the end of the ED visit occur during the measurement period.	Logic	Denominator	ONC Project Tracking System (JIRA): CQM-5380
Updated Denominator Exclusion to clarify the diagnosis of ischemic stroke, significant facial and/or closed head trauma, and peptic ulcer may start within 90 days before the start of the ED encounter or at the start of the ED encounter to better align with measure intent.	Logic	Denominator Exclusions	ONC Project Tracking System (JIRA): CQM-5803
Updated logic to exclude patients who have taken oral anticoagulants before the start of ED encounter.	Logic	Denominator Exclusions	Test Case Review
Updated timing of major surgical procedure denominator exclusion to '21 days or less before start of ED Encounter' to align with other definitions.	Logic	Denominator Exclusions	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
Value set (2.16.840.1.113883.3.3157.4036): Renamed to Active Bleeding Excluding Menses or Bleeding Diathesis based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set Active Bleeding Excluding Menses or Bleeding Diathesis (2.16.840.1.113883.3.3157.4036): Added 4 ICD-10-CM codes (D68.311, D68.312, S06.347A, S06.348A) based on review by technical experts, SMEs, and/or public feedback. Added 8 ICD-10-CM codes (S06.34AA, S06.35AA, S06.36AA, S06.37AA, S06.38AA, S06.4XAA, S06.5XAA, S06.6XAA) based on terminology update.	Value Set	Terminology	Measure Lead
Value set Acute Peptic Ulcer (2.16.840.1.113883.3.3157.4031): Deleted 1 ICD-10-CM code (K27.9) based on review by technical experts, SMEs, and/or public feedback. Deleted 16 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

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Value set (2.16.840.1.113883.3.3157.4031): Renamed to Acute Peptic Ulcer based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Oral Anticoagulant Medications (2.16.840.1.113883.3.3157.4045): Added 2 RxNorm codes (1992427, 2059015) based on review by technical experts, SMEs, and/or public feedback. Added 7 RxNorm codes (2588062, 2590616, 2590620, 2590623, 2590627, 2590631, 2590635) based on terminology update. Deleted 83 RxNorm codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Aortic Dissection or Ruptured Aortic Aneurysm (2.16.840.1.113883.3.3157.4028): Added 7 ICD-10-CM codes (I71.10, I71.11, I71.12, I71.13, I71.50, I71.51, I71.52) based on terminology update. Deleted 2 ICD-10-CM codes (I71.1, I71.5) based on terminology update.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.3157.4028): Renamed to Aortic Dissection or Ruptured Aortic Aneurysm based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Cardiopulmonary Arrest (2.16.840.1.113883.3.3157.4048): Added 3 ICD-10-CM codes (I47.20, I47.21, I47.29) based on terminology update. Deleted 1 ICD-10-CM code (I47.2) based on terminology update. Deleted 1 SNOMED CT code (429046004) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Cerebral Vascular Lesion (2.16.840.1.113883.3.3157.4025): Added 151 ICD-10-CM codes based on review by technical experts, SMEs, and/or public feedback. Added 265 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 3 SNOMED CT codes (230718007, 24551003, 733927008) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Dementia and Related Intracranial Pathologies (2.16.840.1.113883.3.3157.4043): Added 69 ICD-10-CM codes based on terminology update. Deleted 1 SNOMED CT code (230283005) based on terminology update. Deleted 1 SNOMED CT code (161465002) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set (2.16.840.1.113883.3.3157.4043): Renamed to Dementia and Related Intracranial Pathologies based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set (2.16.840.1.113883.3.464.1003.101.12.1010): Renamed to Emergency Department Evaluation and Management Visit based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set Fibrinolytic Therapy (2.16.840.1.113883.3.3157.4019): Deleted 54 RxNorm codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set (2.16.840.1.113883.3.3157.4052): Renamed to Insertion or Replacement of Mechanical Circulatory Assist Device based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Insertion or Replacement of Mechanical Circulatory Assist Device (2.16.840.1.113883.3.3157.4052): Added 5 CPT codes (33981, 33993, 33982, 33983, 33995) based on review by technical experts, SMEs, and/or public feedback. Deleted 4 CPT codes (0451T, 0452T, 0453T, 0454T) based on terminology update. Deleted 2 CPT codes (1006349, 1029971) based on review by technical experts, SMEs, and/or public feedback. Deleted 14 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

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Value set Intracranial or Intraspinal surgery (2.16.840.1.113762.1.4.1170.2): 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 Major Surgical Procedure (2.16.840.1.113883.3.3157.4056): Added 79 SNOMED CT codes based on terminology update. Deleted 5579 SNOMED CT codes based on terminology update. Deleted 18 ICD-10-PCS codes based on terminology update.	Value Set	Terminology	Annual Update
Value set Malignant Intracranial Neoplasm Group (2.16.840.1.113762.1.4.1170.3): Deleted 39 ICD-10-CM codes based on review by technical experts, SMEs, and/or public feedback. Deleted 1 SNOMED CT code (189162003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set (2.16.840.1.113883.3.3157.4045): Renamed to Oral Anticoagulant Medications based on recommended value set naming conventions.	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
Value set (2.16.840.1.113762.1.4.1170.6): Renamed to Thrombolytics Adverse Event based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set Thrombolytics Adverse Event (2.16.840.1.113762.1.4.1170.6): Added 1 SNOMED CT code (218568007) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead