eCQM Title	Child and Adolescent Major Depressive Disorder (MDD): Suicide Ri	sk Assessment		
eCQM Identifier (Measure Authoring	177	eCQM Version Number	13.0.000	
Tool) CBE Number	Not Applicable	GUID	848d09de-7e6b-43c4-bedd-5a2957ccffe3	
Measurement Period	January 1, 20XX through December 31, 20XX			
Measure Steward	Mathematica			
Measure Developer Measure Developer	Mathematica American Medical Association (AMA)			
Measure Developer	PCPI(R) Foundation (PCPI[R])			
Endorsed By	None			
Description	Percentage of patient visits for those patients aged 6 through 16 at the start of the measurement period with a diagnosis of major depressive disorder (MDD) with an assessment for suicide risk			
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	Measure is acknowledged.	edged. a clinical guideline, does not establish a standard of medical care, and has not been tested for all potential		
	applications.			
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Measure Scoring	Due to technical limitations, registered trademarks are indicated by Proportion	y (R) or [R].		
Measure Type	Process			
Stratification	None			
Risk Adjustment Rate Aggregation	None None			
	Research has shown that youth with major depressive disorder (N			
	the most significant and devastating sequelae of the disease (For and adolescents with MDD, and an important aspect of care that minimize that risk. Additionally, the importance of the assessment	should be assessed at each visit and subse	quently managed to	
Rationale	& Pearson, 2002) that indicates that many individuals who die by health services beforehand. More specifically, approximately 15%	suicide do make contact with primary care p of suicide victims aged 35 years or younge	providers and mental er had seen a mental health	
Rationale	professional within 1 month of suicide while approximately 23% h Martin, & Pearson, 2002). A recent analysis of depression severity	y and suicidal ideation symptom trajectories	(Witt et al., 2021) found	
	that suicidal ideation among children and young adults (15-25 yea evidence suggests the potential utility of continued suicide risk sc assessment and identification of suicide risk in the health care set	reening even after improvements in depress	sion symptoms. Better	
	suicide attempts and deaths by suicide.			
	The evaluation must include assessment for the presence of harn Suicidal behavior exists along a continuum from passive thoughts		tent to carry out that plan	
	Because depression is closely associated with suicidal thoughts a and subsequent assessments. For this purpose, low burden tools	and behavior, it is imperative to evaluate the	se symptoms at the initial	
	Severity Rating Scale can be used. Also, it is crucial to evaluate the impulsivity) and protective factors (e.g., religious belief, concern n	ot to hurt family) that might influence the de	esire to attempt suicide.	
Clinical Recommendation Statement	The risk for suicidal behavior increases if there is a history of suic disorders, substance abuse), impulsivity and aggression, availabi physical or sexual abuse, violence), and a family history of suicida	lity of lethal agents (e.g., firearms), exposur		
	A careful and ongoing evaluation of suicide risk is necessary for a		Category I). Such an	
	assessment includes specific inquiry about suicidal thoughts, inte symptoms (e.g., psychosis, severe anxiety, substance use) or ger	neral medical conditions that may increase t	the likelihood of acting on	
	suicidal ideas; assessment of past and, particularly, recent suicida factors (e.g., positive reasons for living, strong social support); an (Category I) (Gelenberg et al., 2010).			
Improvement Notation	Higher score indicates better quality			
	Reference Type: CITATION			
Reference	Reference Text: 'Birmaher, B., American Academy of Child and Ac Bukstein, O., Walter, H., Benson, R. S., Chrisman, A., Farchione, Stock S. Ptakowski Kroeger, K. Medicus, 1 (2007). Practice part	T., Greenhill, L., Hamilton, J., Keable, H., K	inlan, J., Schoettle, U.,	
	Stock, S., Ptakowski Kroeger, K., Medicus, J. (2007). Practice parameter for the assessment and treatment of children and adolescents with depressive disorders. Journal of the American Academy of Child and Adolescent Psychiatry, 46(11), 1503-1526. doi:10.1097/chi.0b013e318145ae1c'			
	Reference Type: CITATION			
Reference	Reference Text: 'Gelenberg, A. J., Freeman, M. P., Markowitz, J. C Reus, V. I., Raymond DePaulo Jr., J., Fawcett, J. A., Schneck, C.	D., Silbersweig, D. A. (2010). Practice guide		
	patients with major depressive disorder. 3rd edition. Retrieved from http://psychiatryonline.org/pb/assets/raw/sitewide/practice_guidelines/guidelines/mdd.pdf			
	Reference Type: CITATION			
Reference	Reference Text: 'Fontanella, C. A., Warner, L. A., Steelesmith, D., and health services patterns of Medicaid-enrolled youths who die			
	174(5), 470-477. doi:10.1001/jamapediatrics.2020.0002' Reference Type: CITATION			
Reference	Reference Text: 'Luoma, J. B., Martin, C. E., & Pearson, J. L. (200			
	suicide: A review of the evidence. American Journal of Psychiatry, Reference Type: CITATION	139(0), 909-910. 00110.1176/appl.ajp.159.		
Reference	Reference Text: 'Witt, K., Madsen, T., Berk, M., Dean, O., Chanen			
	Trajectories of change in depression symptoms and suicidal ideat Secondary analysis of a randomized controlled trial of cognitive b Zealand Journal of Psychiatry, 55(5), 506-516. doi:10.1177/00048	ehavioral therapy plus fluoxetine in young p		
	Numerator Definition: The specific type and magnitude of the suic	ide risk assessment is intended to be at the		
	clinician and should be specific to the needs of the patient. At a m 1. Risk (e.g., age, sex, stressors, comorbid conditions, hopelessn not to hurt family) that may influence the desire to attempt suicide	ess, impulsivity) and protective factors (e.g.		
Definition	 Current severity of suicidality. Most severe point of suicidality in episode and lifetime. 			
	Low burden tools to track suicidal ideation and behavior such as t			
	Because no validated assessment tool or instrument fully meets t individual tools or instruments have not been explicitly included in	coding.		
Guidance	This electronic clinical quality measure (eCQM) is an episode-bas major depressive disorder (MDD) during the measurement period	•	-	
	MDD during the measurement period. In recognition of the growing use of integrated and team-based ca	are, the diagnosis of depression and the ass	sessment for suicide risk	
	need not be performed by the same provider or clinician.			
	Suicide risk assessments completed via telehealth services can also meet numerator performance. Use of a standardized tool(s) or instrument(s) to assess suicide risk will meet numerator performance, so long as the minimum criteria			
	noted above is evaluated. Standardized tools can be mapped to the concept "Intervention, Performed": "Suicide risk assessment (procedure)" included in the numerator logic below, as no individual suicide risk assessment tool or instrument would satisfy the			
	requirements alone.			
	To ensure all patients with major depressive disorder (MDD) are a addressing suicide risk assessment; CMS177 covers children and period, and CMS161 - Adult Major Depressive Disorder (MDD): S	d adolescents aged 6 through 16 at the star	t of the measurement	
	period, and CMS161 - Adult Major Depressive Disorder (MDD): Suicide Risk Assessment covers the adult population aged 17 years and older at the start of the measurement period.			
	This version of the eCQM uses QDM version 5.6. Please refer to the eCQI resource center (https://ecqi.healthit.gov/qdm) for more information on the QDM.			
Transmission Format	TBD	of the measurement period with a discussion	of major depressive	
Initial Population	All patient visits for those patients aged 6 through 16 at the start of the measurement period with a diagnosis of major depressive disorder			
Denominator Denominator Exclusions	Equals Initial Population None			
Numerator	Patient visits with an assessment for suicide risk			
Numerator Exclusions	Not Applicable			
Denominator Exceptions Supplemental Data Elements	None For every patient evaluated by this measure also identify payer, ra	ace, ethnicity and sex		
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▲ Initial Population

"Major Depressive Disorder Encounter" MDDEncounter where "AgeInYearsAt"(date from start of "Measurement Period") >= 6 and "AgeInYearsAt"(date from start of "Measurement Period") <= 16

⊿ Denominator

"Initial Population"

Denominator Exclusions

None

▲ Numerator

"Major Depressive Disorder Encounter" MDDEncounter

with ["Intervention, Performed": "Suicide risk assessment (procedure)"] SuicideRiskAssessment such that Global."NormalizeInterval" (SuicideRiskAssessment.relevantDatetime, SuicideRiskAssessment.relevantPeriod) during MDDEncounter.relevantPeriod

▲ Numerator Exclusions

None

▲ Denominator Exceptions

None

⊿ Stratification

None

Definitions

⊿ Denominator

"Initial Population"

▲ Initial Population

"Major Depressive Disorder Encounter" MDDEncounter where "AgeInYearsAt"(date from start of "Measurement Period") >= 6 and "AgeInYearsAt"(date from start of "Measurement Period") <= 16

▲ Major Depressive Disorder Encounter

(["Encounter, Performed": "Office Visit"] union ["Encounter, Performed": "Outpatient Consultation"] union ["Encounter, Performed": "Psych Visit Diagnostic Evaluation"] union ["Encounter, Performed": "Psych Visit for Family Psychotherapy"] union ["Encounter, Performed": "Psych Visit for Family Psychotherapy"] union ["Encounter, Performed": "Psych Visit Psychotherapy"] union ["Encounter, Performed": "Psychoanalysis"] union ["Encounter, Performed": "Group Psychotherapy"] union ["Encounter, Performed": "Telephone Visits"]) ValidEncounter where exists (ValidEncounter.diagnoses EncounterDiagnosis where EncounterDiagnosis.code in "Major Depressive Disorder Active"))

and ValidEncounter.relevantPeriod during day of "Measurement Period"

▲ Numerator

"Major Depressive Disorder Encounter" MDDEncounter

with ["Intervention, Performed": "Suicide risk assessment (procedure)"] SuicideRiskAssessment such that Global."NormalizeInterval" (SuicideRiskAssessment.relevantDatetime, SuicideRiskAssessment.relevantPeriod) during MDDEncounter.relevantPeriod

▲ SDE Ethnicity

["Patient Characteristic Ethnicity": "Ethnicity"]

▲ SDE Payer

["Patient Characteristic Payer": "Payer Type"]

▲ SDE Race

["Patient Characteristic Race": "Race"]

▲ SDE Sex

["Patient Characteristic Sex": "ONC Administrative Sex"]

▲ Global.NormalizeInterval(pointInTime DateTime, period Interval<DateTime>)

if pointInTime is not null then Interval[pointInTime, pointInTime] else if period is not null then period else null as Interval<DateTime>

Terminology

- code "Suicide risk assessment (procedure)" ("SNOMEDCT Code (225337009)") valueset "Ethnicity" (2.16.840.1.114222.4.11.837)

- Valueset "Ethnicity" (2.16.840.1.114222.4.11.837) valueset "Group Psychotherapy" (2.16.840.1.113883.3.526.3.1187) valueset "Major Depressive Disorder Active" (2.16.840.1.113883.3.526.3.1491) valueset "Office Visit" (2.16.840.1.113883.3.464.1003.101.12.1001) valueset "ONC Administrative Sex" (2.16.840.1.113762.1.4.1) valueset "Outpatient Consultation" (2.16.840.1.113883.3.464.1003.101.12.1008) valueset "Payer Type" (2.16.840.1.114222.4.11.3591) valueset "Dayer Type" (2.16.840.1.114222.4.11.3591)

- valueset "Payer Type (2.10.840.1.114222.4.11.3591) valueset "Psych Visit Diagnostic Evaluation" (2.16.840.1.113883.3.526.3.1492) valueset "Psych Visit for Family Psychotherapy" (2.16.840.1.113883.3.526.3.1018) valueset "Psych Visit Psychotherapy" (2.16.840.1.113883.3.526.3.1496) valueset "Psychoanalysis" (2.16.840.1.113883.3.526.3.1141) valueset "Race" (2.16.840.1.114222.4.11.836) valueset "Talenbare Visits" (2.16.840.1.112892.2.464.1002.101.12.1090)
- .
- valueset "Telephone Visits" (2.16.840.1.113883.3.464.1003.101.12.1080)

Data Criteria (QDM Data Elements)

- "Encounter, Performed: Group Psychotherapy" using "Group Psychotherapy (2.16.840.1.113883.3.526.3.1187)" "Encounter, Performed: Office Visit" using "Office Visit (2.16.840.1.113883.3.464.1003.101.12.1001)" "Encounter, Performed: Outpatient Consultation" using "Outpatient Consultation (2.16.840.1.113883.3.464.1003.101.12.1008)" "Encounter, Performed: Psych Visit Diagnostic Evaluation" using "Psych Visit Diagnostic Evaluation (2.16.840.1.113883.3.526.3.1492)" "Encounter, Performed: Psych Visit for Family Psychotherapy" using "Psych Visit for Family Psychotherapy (2.16.840.1.113883.3.526.3.1492)" "Encounter, Performed: Psych Visit Psychotherapy" using "Psych Visit Psychotherapy (2.16.840.1.113883.3.526.3.1496)" "Encounter, Performed: Psych Visit Psychotherapy" using "Psych Visit Psychotherapy (2.16.840.1.113883.3.526.3.1496)" "Encounter, Performed: Psych Visit Psychotherapy" using "Psych Visit Sychotherapy (2.16.840.1.113883.3.526.3.1496)" "Encounter, Performed: Psych Visit Psychotherapy" using "Psychotherapy (2.16.840.1.113883.3.526.3.1496)" "Encounter, Performed: Sychoanalysis" using "Telephone Visits (2.16.840.1.113883.3.526.3.1141)" "Encounter, Performed: Suicide risk assessment (procedure)" using "Suicide risk assessment (procedure) (SNOMEDCT Code 225337009)" "Patient Characteristic Ethnicity: Ethnicity" using "Payer Type (2.16.840.1.114222.4.11.837)" "Patient Characteristic Payer: Payer Type" using "Payer Type (2.16.840.1.114222.4.11.837)" "Patient Characteristic Race: Race" using "Race (2.16.840.1.114222.4.11.836)" "Patient Characteristic Sex: ONC Administrative Sex" using "ONC Administrative Sex (2.16.840.1.113762.1.4.1)"

Supplemental Data Elements

▲ SDE Ethnicity

["Patient Characteristic Ethnicity": "Ethnicity"]

▲ SDE Payer

["Patient Characteristic Payer": "Payer Type"]

▲ SDE Race

["Patient Characteristic Race": "Race"]

▲ SDE Sex

["Patient Characteristic Sex": "ONC Administrative Sex"]

Risk Adjustment Variables

None

Measure Set	None