eCQM Title	Child and Adolescent Major Depressive Disorder (MDD): Suicide Risk Assessment		
eCQM Identifier (Measure Authoring Tool)	177	eCQM Version number	7.2.000
NQF Number	1365	GUID	848d09de-7e6b-43c4-bedd-5a2957ccffe3
Measurement Period	January 1, 20XX through December 31, 20XX		
Measure Steward	PCPI(R) Foundation (PCPI[R])		
Measure Developer	American Medical Association (AMA)		
Measure Developer	PCPI(R) Foundation (PCPI[R])		
Endorsed By	National Quality Forum		
Description	Percentage of patient visits for those patients aged 6 through 17 years with a diagnosis of major depressive disorder with an assessment for suicide risk		
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Measure Scoring	Proportion		
Measure Type	Process		
Stratification	None		
Risk Adjustment	None		
Rate Aggregation	None		
Rationale	Research has shown that patients with major depressive disorder are at a high risk for suicide attempts and completion - among the most significant and devastating sequelae of the disease. Suicide risk is a critical consideration in children and adolescents with MDD and an important aspect of care that should be assessed at each visit and subsequently managed to minimize that risk. Additionally, the importance of the assessments is underscored by research that indicates that many individuals who die by suicide do make contact with primary care providers and mental health services beforehand. More specifically, approximately 15% of suicide victims aged 35 years or younger had seen a mental health professional within 1 month of suicide while approximately 23% had seen a primary care provider within 1 month of suicide.		
Clinical Recommendation Statement	The evaluation must include assessment for the presence of harm to self or others (MS). (AACAP, 2007) Suicidal behavior exists along a continuum from passive thoughts of death to a clearly developed plan and intent to carry out that plan. Because depression is closely associated with suicidal thoughts and behavior, it is imperative to evaluate these symptoms at the initial and subsequent assessments. For this purpose, low burden tools to track suicidal ideation and behavior such as the Columbia-Suicidal Severity Rating Scale can be used. Also, it is crucial to evaluate the risk (eg, age, sex, stressors, comorbid conditions, hopelessness, impulsivity) and protective factors (eg, religious belief, concern not to hurt family) that might influence the desire to attempt suicide. The risk for suicidal behavior increases if there is a history of suicide attempts, comorbid psychiatric disorders (eg, disruptive disorders, substance abuse), impulsivity and aggression, availability of lethal agents (eg, firearms), exposure to negative events (eg, physical or sexual abuse, violence), and a family history of suicidal behavior. (AACAP, 2007) A careful and ongoing evaluation of suicide risk is necessary for all patients with major depressive disorder (Category I). Such an assessment includes specific inquiry about suicidal thoughts, intent, plans, means, and behaviors; identification of specific psychiatric symptoms (eg, psychosis, severe anxiety, substance use) or general medical conditions that may increase the likelihood of acting on suicidal ideas; assessment of past and, particularly, recent suicidal behavior; delineation of current stressors and potential protective factors (eg, positive reasons for living, strong social support); and identification of any family history of suicide or mental illness (Category I). (APA, 2010, Reaffirmed 2015)		
Improvement Notation	Higher score indicates better quality		
Reference	American Academy of Child and Adolescent Psychiatry (AACAP). Practice parameters for the assessment and treatment of children and adolescents with depressive disorders. J. Am. Acad. Child Adolesc. Psychiatry, 2007; 46(11):1503-1526. Available at: http://www.aacap.org/App_Themes/AACAP/docs/practice_parameters/depressive_disorders_practice_parameter.pdf		
Reference	Gelenberg AJ, Freeman MP, Markowitz JC, et al; American Psychiatric Association Work Group on Major Depressive Disorder. Practice guideline for the treatment of patients with major depressive disorder. 3rd ed. http://psychiatryonline.org/pb/assets/raw/sitewide/practice_guidelines/guidelines/mdd.pdf. Published October 2010. Reaffirmed October 2015. Accessed October 17, 2017.		
Reference	Luoma JB, Martin CE, Pearson JL. Contact with mental health and primary care providers before suicide: a review of the evidence. Am J Psychiatry. 2002;159:909-916.		
Definition	Numerator Definition: The specific type and magnitude of the suicide risk assessment is intended to be at the discretion of the individual clinician and should be specific to the needs of the patient. At a minimum, suicide risk assessment should evaluate: 1. Risk (eg, age, sex, stressors, comorbid conditions, hopelessness, impulsivity) and protective factors (eg, religious belief, concern not to hurt family) that may influence the desire to attempt suicide. 2. Current severity of suicidality. 3. Most severe point of suicidality in episode and lifetime. Low burden tools to track suicidal ideation and behavior such as the Columbia-Suicidal Severity Rating Scale can also be used.		
Guidance	A suicide risk assessment should be performed at every visit for major depressive disorder during the measurement period. This measure is an episode-of-care measure; the level of analysis for this measure is every visit for major depressive disorder during the measurement period. For example, at every visit for MDD, the patient should have a suicide risk assessment. Use of a standardized tool or instrument to assess suicide risk will meet numerator performance. Standardized tools can be mapped to the concept "Intervention, Performed": "Suicide risk assessment (procedure)" included in the numerator logic below.		
Transmission Format	TBD		
Initial Population	All patient visits for those patients aged 6 through 17 years with a diagnosis of major depressive disorder		
Denominator	Equals Initial Population		
Denominator Exclusions	None		
Numerator	Patient visits with an assessment for suicide risk		
Numerator Exclusions	Not Applicable		

Denominator Exceptions	None
Supplemental Data Elements	For every patient evaluated by this measure also identify payer, race, ethnicity and sex

Table of Contents

Population Criteria

◢ Initial Population

"Major Depressive Disorder Encounter" MDDEncounter
    with ["Patient Characteristic Birthdate"] BirthDate
        such that Global."CalendarAgeInYearsAt"(BirthDate.birthDatetime, start of "Measurement Period")>= 6
          and Global."CalendarAgeInYearsAt"(BirthDate.birthDatetime, start of "Measurement Period")< 17

◢ Denominator

"Initial Population"

◢ Denominator Exclusions
None

◢ Numerator

"Major Depressive Disorder Encounter" MDDEncounter
    with ["Intervention, Performed": "Suicide risk assessment (procedure)"] SuicideRiskAssessment
        such that SuicideRiskAssessment.relevantPeriod during MDDEncounter.relevantPeriod

◢ Numerator Exclusions
None

◢ Denominator Exceptions
None

◢ Stratification
None

Definitions

◢ Denominator

"Initial Population"

◢ Initial Population

"Major Depressive Disorder Encounter" MDDEncounter
    with ["Patient Characteristic Birthdate"] BirthDate
        such that Global."CalendarAgeInYearsAt"(BirthDate.birthDatetime, start of "Measurement Period")>= 6
          and Global."CalendarAgeInYearsAt"(BirthDate.birthDatetime, start of "Measurement Period")< 17

◢ 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 - Family Psychotherapy"]
    union ["Encounter, Performed": "Psych Visit - Psychotherapy"]
    union ["Encounter, Performed": "Psychoanalysis"]
    union ["Encounter, Performed": "Group Psychotherapy"]) ValidEncounter
    where exists (ValidEncounter.diagnoses EncounterDiagnosis
        where EncounterDiagnosis in "Major Depressive Disorder-Active"
)
        and ValidEncounter.relevantPeriod during "Measurement Period"

◢ Numerator

"Major Depressive Disorder Encounter" MDDEncounter
    with ["Intervention, Performed": "Suicide risk assessment (procedure)"] SuicideRiskAssessment
        such that SuicideRiskAssessment.relevantPeriod during MDDEncounter.relevantPeriod

◢ SDE Ethnicity

["Patient Characteristic Ethnicity": "Ethnicity"]

◢ SDE Payer

["Patient Characteristic Payer": "Payer"]

◢ SDE Race

["Patient Characteristic Race": "Race"]

◢ SDE Sex

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

Functions

◢ Global.CalendarAgeInYearsAt(BirthDateTime DateTime, AsOf DateTime)

years between ToDate(BirthDateTime)and ToDate(AsOf)

◢ Global.ToDate(Value DateTime)

DateTime(year from Value, month from Value, day from Value, 0, 0, 0, 0, timezone from Value)

Terminology

- codesystem "SNOMEDCT" using "2.16.840.1.113883.6.96 version 2017-09"
- code "Suicide risk assessment (procedure)" using "SNOMEDCT version 2017-09 Code (225337009)"
- valueset "Ethnicity" using "2.16.840.1.114222.4.11.837"
- valueset "Group Psychotherapy" using "2.16.840.1.113883.3.526.3.1187"

- valueset "Major Depressive Disorder-Active" using "2.16.840.1.113883.3.526.3.1491"
- valueset "Office Visit" using "2.16.840.1.113883.3.464.1003.101.12.1001"
- valueset "ONC Administrative Sex" using "2.16.840.1.113762.1.4.1"
- valueset "Outpatient Consultation" using "2.16.840.1.113883.3.464.1003.101.12.1008"
- valueset "Payer" using "2.16.840.1.114222.4.11.3591"
- valueset "Psych Visit - Diagnostic Evaluation" using "2.16.840.1.113883.3.526.3.1492"
- valueset "Psych Visit - Family Psychotherapy" using "2.16.840.1.113883.3.526.3.1018"
- valueset "Psych Visit - Psychotherapy" using "2.16.840.1.113883.3.526.3.1496"
- valueset "Psychoanalysis" using "2.16.840.1.113883.3.526.3.1141"
- valueset "Race" using "2.16.840.1.114222.4.11.836"

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 - Family Psychotherapy" using "Psych Visit - Family Psychotherapy (2.16.840.1.113883.3.526.3.1018)"
- "Encounter, Performed: Psych Visit - Psychotherapy" using "Psych Visit - Psychotherapy (2.16.840.1.113883.3.526.3.1496)"
- "Encounter, Performed: Psychoanalysis" using "Psychoanalysis (2.16.840.1.113883.3.526.3.1141)"
- "Patient Characteristic Ethnicity: Ethnicity" using "Ethnicity (2.16.840.1.114222.4.11.837)"
- "Patient Characteristic Payer: Payer" using "Payer (2.16.840.1.114222.4.11.3591)"
- "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)"
- "Intervention, Performed: Suicide risk assessment (procedure)" using "Suicide risk assessment (procedure) (SNOMEDCT version 2017-09 Code 225337009)"

Supplemental Data Elements

◢ SDE Ethnicity

["Patient Characteristic Ethnicity": "Ethnicity"]

◢ SDE Payer

["Patient Characteristic Payer": "Payer"]

◢ SDE Race

["Patient Characteristic Race": "Race"]

◢ SDE Sex

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

Risk Adjustment Variables

None

Measure Set	None