

Text Description for PCPI eSpecification

Clinical Topic	Maternity Care
Measure Title	Episiotomy (Overuse)
Measure #	MC-7
Measure Description	Percentage of patients, regardless of age, who gave birth vaginally (without shoulder dystocia), during a 12-month period who underwent an episiotomy
Measurement Period	12 consecutive measures
Initial Patient Population	All patients, regardless of age, who gave birth vaginally (without shoulder dystocia), during a 12-month period
Denominator Statement	Equal to Initial Patient Population
Denominator Exclusions	Patients who had an active diagnosis of shoulder dystocia during the measurement period
Numerator Statement	Patients who underwent an episiotomy
Denominator Exceptions	None

MATERNITY CARE
Data Requirements for PCPI eSpecification

Measure #7: Episiotomy

Measure Component	QDM* Standard Category	QDM* Data Type	Value Set Name	Standard Terminology	OID	Constraints	Comments/Rationale
Supplemental Data Elements	Individual Characteristic	Patient Characteristic	Age at Delivery	LOINC	2.16.840.1.113883.3.526.2.1434	during [Attribute, stop datetime: Date of Delivery]	There are no restrictions on age for inclusion in the measure; this data element is included for result stratification to identify disparities.
	Individual Characteristic	Patient Characteristic	Gender	HL7 (2.16.840.1.113883.5.1)	2.16.840.1.113883.1.11.1	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Race	CDC	2.16.840.1.114222.4.11.836	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Ethnicity	CDC	2.16.840.1.114222.4.11.837	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Preferred Language	CDC	2.16.840.1.114222.4.11.831	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Payer	Source of Payment Typology	2.16.840.1.113883.221.5	during measurement period	This data element is collected for the purpose of stratifying results in an effort to highlight disparities.
	Individual Characteristic	Patient Characteristic	Gender of Newborn	HL7 (2.16.840.1.113883.5.1)	2.16.840.1.113883.1.11.1	during [Attribute, stop datetime: Date of Delivery]	This data element is collected for the purpose of stratifying results in an effort to highlight disparities. This data will be found in the mothers record, specifically found in the delivery record.
	Attribute	Attribute: Result	Present "X"	n/a	n/a	n/a	This attribute is applied to the value set 'Gender of Newborn'.
Initial Patient Population	Measure Timing	n/a	Measurement Start Date	n/a	n/a	TBD by measure implementer	
	Measure Timing	n/a	Measurement End Date	n/a	n/a	TBD by measure implementer	
	Procedure	Procedure, Performed	Vaginal Delivery	GROUPING CPT SNOMED-CT	2.16.840.1.113883.3.526.3.1341 2.16.840.1.113883.3.526.2.1411 2.16.840.1.113883.3.526.2.1412	during measurement period	
	Attribute	Attribute: stop datetime	Date of Delivery	n/a	n/a	n/a	This data element is the date associated with "Procedure, Performed: Vaginal Delivery".
Denominator	Equals Initial Patient Population						
Denominator Exclusions	Condition / Diagnosis / Problem	Diagnosis, Active	Shoulder Dystocia	GROUPING ICD-9-CM ICD-10-CM SNOMED-CT	2.16.840.1.113883.3.526.3.1389 2.16.840.1.113883.3.526.2.1488 2.16.840.1.113883.3.526.2.1489 2.16.840.1.113883.3.526.2.1490	during [Attribute, stop datetime: Date of Delivery]	
Numerator	Procedure	Procedure, Performed	Episiotomy	GROUPING SNOMED-CT	2.16.840.1.113883.3.526.3.1390 2.16.840.1.113883.3.526.2.1491	during [Attribute, stop datetime: Date of Delivery]	
Denominator Exceptions	No Valid Denominator Exceptions						

For this measure, a lower score indicates higher quality.

Measure Performance Rate Calculation:

$$\frac{N}{(D - EXCL - EXCEP)} = \text{Performance Rate}$$

(D- EXCL – EXCEP)

The PCPI strongly recommends that exception rates also be computed and reported alongside performance rates as follows:

Measure Exception Rate Calculation:

$$\frac{EXCEP}{(D - EXCL)} = \text{Exception Rate}$$

Exception Types:

EXCEP= E1 (Medical Exceptions) + E2 (Patient Exceptions) + E3 (System Exceptions)

For patients who have more than one valid exception, only one exception should be counted when calculating the exception rate.

<p>Initial Patient Population (IPP)</p> <p>Definition: The group of patients that a set of performance measures is designed to address; usually focused on a specific clinical condition (e.g., coronary artery disease, asthma). For example, a patient aged 18 years and older with a diagnosis of CAD who has at least 2 visits during the measurement period.</p>	<p>Denominator (D)</p> <p>Definition: The specific group of patients for inclusion in a specific performance measure based on specific criteria (e.g., patient's age, diagnosis, prior MI). In some cases, the denominator may be identical to the initial patient population.</p>	<p>Exclusions (EXCL)</p> <p>Definition: The specific group of patients who should be subtracted from the measure population and denominator before determining if the numerator criteria are met.</p>	<p>Numerator (N)</p> <p>Definition: The group of patients in the denominator for whom a process or outcome of care occurs (e.g., flu vaccine received).</p>	<p>Exceptions (EXCEP)</p> <p>Definition: The valid reasons why patients who are included in the denominator population did not receive a process or outcome of care (described in the numerator). Patients may have Exceptions for medical reasons (e.g., patient has an egg allergy so they did not receive flu vaccine); patient reasons (e.g., patient declined flu vaccine); or system reasons (e.g., patient did not receive flu Vaccine due to vaccine shortage). These cases are subtracted from the denominator population for the performance calculation, however the number of patients with valid exceptions should be calculated and reported. This group of patients constitutes the Exception reporting population – patients for whom the numerator was not achieved and a there is a valid Exception.</p>
<p>Find the patients who meet the Initial Patient Population criteria (IPP)</p>	<p>Find the patients who qualify for the Denominator (D): From the patients within the Patient Population criteria (IPP) select those people who meet Denominator selection criteria. (In some cases the IPP and D are identical).</p>	<p>Find the patients who qualify for the Exclusion: (EXCL): From the patients within the Denominator criteria, select those patients who meet Exclusion criteria. The patients meeting exclusion criteria should be removed from the Denominator.</p>	<p>Find the patients who qualify for the Numerator (N): From the patients within the Denominator (D) criteria, select those people who meet Numerator selection criteria. Validate that the number of patients in the numerator is less than or equal to the number of patients in the denominator.</p>	<p>From the patients who did not meet the Numerator criteria, determine if the patient meets any criteria for the Exception (E1 + E2+E3). If they meet any criteria, they should be removed from the Denominator for performance calculation. As a point of reference, these cases are removed from the denominator population for the performance calculation, however the number of patients with valid exceptions should be calculated and reported.</p>

PCPI eSpecification

Measure Logic for Maternity Care: Episiotomy (Overuse)

Measure Description: Percentage of patients, regardless of age, who gave birth vaginally (without shoulder dystocia), during a 12-month period who underwent an episiotomy

Measurement Period: 12 Consecutive Months

PCPI Measure #: MC-7

Supplemental Data Elements (SDE)	Identify Patients in Initial Patient Population (IPP)	Identify Patients in Denominator (D)
<div> <p>PATIENT CHARACTERISTIC Gender 2.16.840.1.113883.1.11.1</p> </div> <div> <p>PATIENT CHARACTERISTIC Race 2.16.840.1.114222.4.11.836</p> </div> <div> <p>PATIENT CHARACTERISTIC Ethnicity 2.16.840.1.114222.4.11.837</p> </div> <div> <p>PATIENT CHARACTERISTIC Preferred Language 2.16.840.1.114222.4.11.831</p> </div> <div> <p>PATIENT CHARACTERISTIC Payer 2.16.840.1.113883.221.5</p> </div> <div> <p>PATIENT CHARACTERISTIC Age at Delivery 2.16.840.1.113883.3.526.2.1434</p> </div> <div> <p>PHYSICAL EXAM Finding Gender of Newborn 2.16.840.1.113883.1.11.1 Attribute: Result Value Present</p> </div>	<div> <p>PROCEDURE Performed Vaginal Delivery 2.16.840.1.113883.3.526.3.1341 Attribute: stop datetime Date of Delivery</p> </div>	<div> <p>All Patients Identified within the Initial Patient Population</p> </div>

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See Data Requirements Table for timing constraints and relationship between data elements.

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Identify Patients in Denominator Exclusion (EXCL)	Identify Patients in Numerator (N)	Identify Patients who have valid Denominator Exceptions * (EXCEP)
<p>All Patients Identified within the Denominator</p> <p>And</p> <p>DIAGNOSIS Active Shoulder Dystocia 2.16.840.1.113883.3.526.3.1389</p>	<p>All Patients Identified within the Denominator</p> <p>And Not</p> <p>All Patients Identified within the Exclusions</p> <p>And</p> <p>PROCEDURE Performed Episiotomy 2.16.840.1.113883.3.526.3.1390</p>	<p>No Valid Denominator Exceptions for this Measure</p>

See Data Requirements Table for timing constraints and relationship between data elements.

*Coded examples for exceptions are NOT intended to be an exhaustive list. Exceptions will vary for each patient and situation.