



## Complete Summary

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### TITLE

Preterm birth prevention: percentage of at-risk women with documentation of education for preterm birth (PTB) at recommended intervals.

### SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Preterm birth prevention. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2003 Jul. 58 p. [88 references]

## Brief Abstract

### DESCRIPTION

This measure assesses the percentage of at-risk women with documentation of education for preterm birth (PTB) at recommended intervals.

### RATIONALE

The priority aim addressed by this measure is to increase patient education for preterm birth (PTB) prevention and preterm labor (PTL) signs and symptoms for at-risk patients.

### PRIMARY CLINICAL COMPONENT

Pregnancy; preterm birth (PTB); preterm labor (PTL); prevention; patient education

### DENOMINATOR DESCRIPTION

Total number of women with risk factors whose medical records are reviewed (see the related "Denominator Inclusions/Exclusions" field in the Complete Summary)

### NUMERATOR DESCRIPTION

Number of women with risk factors for preterm birth (PTB) with documentation of education (see the related "Numerator Inclusions/Exclusions" field in the Complete Summary)

## Evidence Supporting the Measure

### PRIMARY MEASURE DOMAIN

Process

SECONDARY MEASURE DOMAIN

Not applicable

EVIDENCE SUPPORTING THE MEASURE

A clinical practice guideline or other peer-reviewed synthesis of the clinical evidence

NATIONAL GUIDELINE CLEARINGHOUSE LINK

- [Preterm birth prevention.](#)

Evidence Supporting Need for the Measure

NEED FOR THE MEASURE

Unspecified

State of Use of the Measure

STATE OF USE

Current routine use

CURRENT USE

Internal quality improvement

Application of Measure in its Current Use

CARE SETTING

Physician Group Practices/Clinics

PROFESSIONALS RESPONSIBLE FOR HEALTH CARE

Physicians

LOWEST LEVEL OF HEALTH CARE DELIVERY ADDRESSED

Group Clinical Practices

TARGET POPULATION AGE

Women of childbearing age

TARGET POPULATION GENDER

Female (only)

STRATIFICATION BY VULNERABLE POPULATIONS

Unspecified

Characteristics of the Primary Clinical Component

INCIDENCE/PREVALENCE

Unspecified

ASSOCIATION WITH VULNERABLE POPULATIONS

Unspecified

BURDEN OF ILLNESS

Unspecified

UTILIZATION

Unspecified

COSTS

Unspecified

Institute of Medicine National Healthcare Quality Report Categories

IOM CARE NEED

Staying Healthy

IOM DOMAIN

Effectiveness  
Patient-centeredness

Data Collection for the Measure

CASE FINDING

Users of care only

DESCRIPTION OF CASE FINDING

## Women at a prenatal visit

Each month a minimum sample of prenatal visits is identified. This may be accomplished either by administrative search (Current Procedure Terminology [CPT-4] codes 59510, 59400, or International Classification of Diseases, Ninth Revision [ICD-9] codes V22.0) or by other case identification at the medical group.

A chart abstraction is conducted to determine whether there is any evidence that a clinician provided education to the woman with identified risk factor for preterm birth.

Selected time frame for data collection is monthly.

## DENOMINATOR SAMPLING FRAME

Patients associated with provider

## DENOMINATOR (INDEX) EVENT

Clinical Condition

## DENOMINATOR INCLUSIONS/EXCLUSIONS

### Inclusions

Total number of women with risk factors\* whose medical records are reviewed

\*The number of women with identified risk factors for preterm birth (PTB) within the categories of:

- Historic risk factor and demographics
- Activated fetal or maternal hypothalamic-pituitary-adrenal axis
- Inflammation
- Decidual hemorrhage
- Pathologic distention of the uterus
- Maternal illness associated with indicated preterm delivery

Refer to the guideline algorithm annotations for a complete list of individual risk factors (See the National Guideline Clearinghouse [NGC] summary of the Institute for Clinical Systems Improvement [ICSI] guideline [Preterm Birth Prevention](#)).

### Exclusions

Unspecified

## NUMERATOR INCLUSIONS/EXCLUSIONS

### Inclusions

Number of women with risk factors for preterm birth (PTB) with documentation\* of education

\*Documented is defined as any evidence in the medical record that a clinician provided education to the woman with identified risk factors by 16-20 weeks or whenever a risk factor is identified.

Exclusions  
Unspecified

#### DENOMINATOR TIME WINDOW

Time window is a fixed period of time

#### NUMERATOR TIME WINDOW

Episode of care

#### DATA SOURCE

Administrative data  
Medical record

#### LEVEL OF DETERMINATION OF QUALITY

Individual Case

#### PRE-EXISTING INSTRUMENT USED

Unspecified

### Computation of the Measure

#### SCORING

Rate

#### INTERPRETATION OF SCORE

Better quality is associated with a higher score

#### ALLOWANCE FOR PATIENT FACTORS

Unspecified

#### STANDARD OF COMPARISON

Internal time comparison

### Evaluation of Measure Properties

#### EXTENT OF MEASURE TESTING

Unspecified

## Identifying Information

### ORIGINAL TITLE

Percentage of at-risk women with documentation of education for preterm birth (PTB) at recommended intervals.

### MEASURE COLLECTION

[Preterm Birth Prevention Measures](#)

### DEVELOPER

Institute for Clinical Systems Improvement

### ADAPTATION

Measure was not adapted from another source.

### RELEASE DATE

2003 Jul

### MEASURE STATUS

Please note: This measure has been updated. The National Quality Measures Clearinghouse is working to update this summary.

### SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Preterm birth prevention. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2003 Jul. 58 p. [88 references]

### MEASURE AVAILABILITY

The individual measure, "Percentage of at-risk women with documentation of education for preterm birth (PTB) at recommended intervals," is published in "Health Care Guideline: Preterm Birth Prevention." An update of this measure is available from the [Institute for Clinical Systems Improvement \(ICSI\) Web site](#).

For more information, contact ICSI at, 8009 34th Avenue South, Suite 1200, Bloomington, MN 55425; phone: 952-814-7060; fax: 952-858-9675; Web site: [www.icsi.org](http://www.icsi.org); e-mail: [icsi.info@icsi.org](mailto:icsi.info@icsi.org)

### NQMC STATUS

This NQMC summary was completed by ECRI on April 28, 2004.

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