Complete Summary

TITLE

Preterm birth prevention: percentage of all identified preterm birth (PTB) modifiable risk factors assessed that receive an intervention.

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 all identified preterm birth (PTB) modifiable risk factors assessed that receive an intervention.

RATIONALE

The priority aim addressed by this measure is to increase the rate of interventions for identified preterm birth (PTB) risk factors.

PRIMARY CLINICAL COMPONENT

Pregnancy; preterm birth (PTB) prevention

DENOMINATOR DESCRIPTION

The number of modifiable risk factors identified (see the related "Denominator Inclusions/Exclusions" field in the Complete Summary)

NUMERATOR DESCRIPTION

Number of modifiable risk factors in the denominator with documented intervention (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

Data Collection for the Measure

CASE FINDING

Users of care only

DESCRIPTION OF CASE FINDING

Women at a prenatal visit.

Use the data obtained from the related National Quality Measures Clearinghouse (NQMC) summary of the Institute for Clinical Systems Improvement (ICSI) measure Percentage of modifiable preterm birth risk factors screened for all pregnant women. Determine whether an intervention was documented for each identified modifiable risk factor.

A chart abstraction is conducted to determine which risk factors have been addressed. A sample chart abstraction is included in the original measure documentation. The positive risk factor has an intervention if any of the following are documented: referral, education, home health nurse visits, case management, ultrasound, advice, or any documented plan or discussion referring to the positive risk factor.

These data may be collected weekly or monthly.

DENOMINATOR SAMPLING FRAME

Patients associated with provider

DENOMINATOR (INDEX) EVENT

Clinical Condition

DENOMINATOR INCLUSIONS/EXCLUSIONS

Inclusions

The number of modifiable risk factors* identified

*Risk factors include, but are not limited to:

- Family stress
- Domestic abuse
- Tobacco use
- Alcohol use
- Sexually transmitted diseases
- Other chemical use
- Nutritional concern
- Low preconception body mass index (BMI)
- Slow prenatal weight gain

Exclusions

Unspecified

NUMERATOR INCLUSIONS/EXCLUSIONS

Inclusions

Number of modifiable risk factors in the denominator with documented intervention*

*Of factors in the denominator, those factors with a documented intervention at the visit. An intervention can be:

- Referral
- Education
- Home health nurse visits
- Ultrasound
- Advice
- (Any documented plan for action/follow-up)

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 all identified PTB modifiable risk factors assessed that receive an intervention.

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 all identified PTB modifiable risk factors assessed that receive an intervention," 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; e-mail: icsi.info@icsi.org

NQMC STATUS

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

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