Complete Summary

TITLE

Preterm birth prevention: percentage of modifiable preterm birth risk factors screened for all pregnant women.

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 modifiable preterm birth risk factors screened for all pregnant women.

RATIONALE

The priority aim addressed by this measure is to increase the routine identification of preterm birth risk factors in all pregnant women.

PRIMARY CLINICAL COMPONENT

Pregnancy; preterm birth; risk factors (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)

DENOMINATOR DESCRIPTION

Total number of risk factors (see the related "Denominator Inclusions/Exclusions" in the Complete Summary)

NUMERATOR DESCRIPTION

Number of modifiable risk factors screened and documented in the patient chart (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

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 each of the modifiable risk factors is addressed. A sample chart abstraction form is included in the original measure documentation. The factor is explicitly addressed and counted as a "yes" if either "at risk" or "not at risk" indicated. If there is no indication that the factor was assessed, it is counted as a "no."

These data may be collected weekly or monthly.

DENOMINATOR SAMPLING FRAME

Patients associated with provider

DENOMINATOR (INDEX) EVENT

Clinical Condition

DENOMINATOR INCLUSIONS/EXCLUSIONS

Inclusions

Total number of risk factors*

*Total number of risk factors reviewed equals the number of charts reviewed multiplied by the number of risk factors screened (the number of modifiable risk factors contained in each assessment).

Exclusions

Unspecified

NUMERATOR INCLUSIONS/EXCLUSIONS

Inclusions

Number of modifiable risk factors screened* and documented in the patient chart

*Number of risk factors that are screened, including, but 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
A factor does not count as screened if there is no documentation of its risk status.

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 modifiable preterm birth risk factors screened for all pregnant women.

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 modifiable preterm birth risk factors screened for all pregnant women," 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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