



Complete Summary

TITLE

Cervical cancer screening: percentage of women age 21 through 64 years continuously enrolled during the last twelve months having at least one cervical Pap smear during the past three years.

SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Cervical cancer screening. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2004 Aug. 29 p. [56 references]

Brief Abstract

DESCRIPTION

This measure assesses the percentage of women age 21 through 64 years continuously enrolled during the last twelve months having at least one cervical Pap smear during the past three years.

RATIONALE

The priority aim addressed by this measure is to increase the percentage of women who are up-to-date for cervical cancer screening.

PRIMARY CLINICAL COMPONENT

Cervical cancer screening; Papanicolaou (Pap) smear

DENOMINATOR DESCRIPTION

Number of women between the ages of 21 and 64 who have been continuously enrolled over the last twelve months (see the related "Denominator Inclusions/Exclusions" field in the Complete Summary)

NUMERATOR DESCRIPTION

Number of women in the denominator who had at least one visit for a cervical Pap smear during the past three years (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

- [Cervical cancer screening.](#)

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

Age 21 to 64 years

TARGET POPULATION GENDER

Female (only)

STRATIFICATION BY VULNERABLE POPULATIONS

Unspecified

Characteristics of the Primary Clinical Component

INCIDENCE/PREVALENCE

Multiple studies indicate that over 50% of cervical cancers occur in women who have never been screened and over 60% occur in women who have not had a Pap smear in the previous 5 years. Of the unscreened women, 73% received ambulatory care and 16% were hospitalized during that five-year period.

The International Agency for Research on Cancer evaluated cervical cancer screening programs in Europe and Canada involving 1.8 million women. The expected reductions in the incidence of cervical cancer at screening intervals of one, two, and three years were 93.5%, 92.5%, and 90.9%, respectively.

EVIDENCE FOR INCIDENCE/PREVALENCE

Institute for Clinical Systems Improvement (ICSI). Cervical cancer screening. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2004 Aug. 29 p. [56 references]

ASSOCIATION WITH VULNERABLE POPULATIONS

Unspecified

BURDEN OF ILLNESS

Unspecified

UTILIZATION

Unspecified

COSTS

Unspecified

IOM CARE NEED

Staying Healthy

IOM DOMAIN

Effectiveness

Data Collection for the Measure

CASE FINDING

Both users and nonusers of care

DESCRIPTION OF CASE FINDING

Women between the ages of 21 and 64 years old continuously enrolled for the last twelve months. Ages 21 and 64 are included. Women who are identified as having had a hysterectomy with no residual cervix are excluded.

Data may be collected electronically using the enrollment database to identify women meeting the age and enrollment criteria. The encounter database can be used to determine the number of women meeting the numerator definition. As an alternative, a random sample of 20 charts can be chosen from a list of women within the age and enrollment criteria. The patients' medical records can be reviewed for documentation of both the date the test was performed and the result or finding.

It is suggested that data are collected quarterly.

DENOMINATOR SAMPLING FRAME

Enrollees or beneficiaries

DENOMINATOR (INDEX) EVENT

Patient Characteristic

DENOMINATOR INCLUSIONS/EXCLUSIONS

Inclusions

Number of women between the ages of 21 and 64 who have been continuously enrolled* over the last twelve months

*Continuously enrolled means no more than one gap in enrollment of up to 45 days during the last twelve months.

Exclusions

Women who are identified as having had a hysterectomy with no residual cervix are excluded. Surgical codes to identify hysterectomy include 56308, 58150, 58152, 58200, 58210, 58240, 58260, 58262, 58263, 58267, 58270, 58275, 58280, 58258, 59135.

NUMERATOR INCLUSIONS/EXCLUSIONS

Inclusions

Number of women in the denominator who had at least one visit for a cervical Pap smear during the past three years*

*Current Procedure Terminology (CPT-4) codes to identify cervical cancer screening include 88141-88145, 88147, 88148, 88150, 88152-88155, 88164-88167.

Exclusions

The codes 3000P and 3001P are not included since they refer to Medicare patients.

DENOMINATOR TIME WINDOW

Time window is a fixed period of time

NUMERATOR TIME WINDOW

Fixed time period

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 women age 21 through 64 years continuously enrolled during the last twelve months having at least one cervical Pap smear during the past three years.

MEASURE COLLECTION

[Cervical Cancer Screening Measures](#)

DEVELOPER

Institute for Clinical Systems Improvement

ADAPTATION

Measure was not adapted from another source.

RELEASE DATE

2003 Jul

REVISION DATE

2004 Aug

MEASURE STATUS

This is the current release of the measure.

This measure updates a previous version: Institute for Clinical Systems Improvement (ICSI). Cervical cancer screening. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2003 Jul. 32 p.

SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Cervical cancer screening. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2004 Aug. 29 p. [56 references]

MEASURE AVAILABILITY

The individual measure, "Percentage of women age 21 through 64 years continuously enrolled during the last twelve months having at least one cervical Pap smear during the past three years," is published in "Health Care Guideline: Cervical Cancer Screening." This document 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 6, 2004. This summary was updated by ECRI on October 11, 2004.

COPYRIGHT STATEMENT

This NQMC summary (abstracted Institute for Clinical Systems Improvement [ICSI] Measure) is based on the original measure, which is subject to the measure developer's copyright restrictions.

The abstracted ICSI Measures contained in this Web site may be downloaded by any individual or organization. If the abstracted ICSI Measures are downloaded by an individual, the individual may not distribute copies to third parties.

If the abstracted ICSI Measures are downloaded by an organization, copies may be distributed to the organization's employees but may not be distributed outside of the organization without the prior written consent of the Institute for Clinical Systems Improvement, Inc.

All other copyright rights in the abstracted ICSI Measures are reserved by the Institute for Clinical Systems Improvement, Inc. The Institute for Clinical Systems Improvement, Inc. assumes no liability for any adaptations or revisions or modifications made to the abstracts of the ICSI Measures.

© 2004 National Quality Measures Clearinghouse

Date Modified: 11/8/2004

FIRSTGOV

