



## Complete Summary

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### TITLE

Cervical cancer screening: percentage of women age 21 through 64 years seen at least once in the clinic during the past two years who are up-to-date for cervical cancer screening.

### 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 seen at least once in the clinic during the past two years who are up-to-date for cervical cancer screening.

### 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 seen in the clinic within the past two years

### NUMERATOR DESCRIPTION

Number of women in the denominator who had at least one visit for a cervical Pap smear during the past three years. Documentation in the medical record should include both the date the test was performed and the result or finding.

## 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

### 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 between the ages of 21 and 64 years old who have been seen in the clinic during the past two years. Ages 21 and 64 are included. Women who are identified as having had a hysterectomy with no residual cervix are excluded.

A random sample of 20 charts can be chosen from a list of women within the age criteria who have been seen in the clinic within the past two years. 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

Patients associated with provider

#### DENOMINATOR (INDEX) EVENT

Encounter

#### DENOMINATOR INCLUSIONS/EXCLUSIONS

##### Inclusions

Number of women between the ages of 21 and 64 who have been seen in the clinic within the past two years

##### Exclusions

Women who are identified as having had a hysterectomy with no residual cervix are excluded.

#### 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. Documentation in the medical record should include both the date the test was performed and the result or finding.

##### Exclusions

Unspecified

#### DENOMINATOR TIME WINDOW

Time window is a fixed period of time

#### NUMERATOR TIME WINDOW

Fixed time period

#### DATA SOURCE

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 seen at least once in the clinic during the past two years who are up-to-date for cervical cancer screening.

#### 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 seen at least once in the clinic during the past two years who are up-to-date for cervical cancer screening," 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](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 6, 2004. This summary was updated by ECRI on October 11, 2004.

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Date Modified: 11/8/2004

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