



## Complete Summary

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### TITLE

Viral upper respiratory infection (VURI) in adults and children: percentage of encounters for cold symptoms (phone care and/or office visits) for which there is documentation that educational messages and/or materials were given.

### SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Viral upper respiratory infection (VURI) in adults and children. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2004 May. 29 p. [67 references]

## Brief Abstract

### DESCRIPTION

This measure assesses the percentage of encounters for cold symptoms (phone care and/or office visits) for which there is documentation that educational messages and/or materials were given.

### RATIONALE

The priority aim addressed by this measure is to increase patient knowledge of effective home treatment of cold symptoms.

### PRIMARY CLINICAL COMPONENT

Viral upper respiratory infection; patient education

### DENOMINATOR DESCRIPTION

Number of patients with cold symptoms whose medical records are reviewed (see the related "Denominator Inclusions/Exclusions" field in the Complete Summary)

### NUMERATOR DESCRIPTION

Number of records with documentation that educational messages and/or materials were given (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

- [Viral upper respiratory infection \(VURI\) in adults and children.](#)

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 greater than or equal to 3 months

## TARGET POPULATION GENDER

Either male or female

## STRATIFICATION BY VULNERABLE POPULATIONS

Unspecified

### Characteristics of the Primary Clinical Component

## INCIDENCE/PREVALENCE

Unspecified

## ASSOCIATION WITH VULNERABLE POPULATIONS

Day care has been shown to increase the frequency, severity, and duration of upper respiratory infections and the risk of secondary upper and lower respiratory infections.

Otitis, sinusitis, pneumonia, and wheeze associated respiratory illnesses such as bronchiolitis have been shown to be more frequent among children who attend day care.

Children under a year of age are at the highest risk with infections such as respiratory syncytial virus (RSV).

## EVIDENCE FOR ASSOCIATION WITH VULNERABLE POPULATIONS

Institute for Clinical Systems Improvement (ICSI). Viral upper respiratory infection (VURI) in adults and children. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2004 May. 29 p. [67 references]

## BURDEN OF ILLNESS

See "Association with Vulnerable Populations" field.

## UTILIZATION

Unspecified

## COSTS

Unspecified

### Institute of Medicine National Healthcare Quality Report Categories

## IOM CARE NEED

Getting Better

## IOM DOMAIN

Effectiveness  
Patient-centeredness

## Data Collection for the Measure

### CASE FINDING

Users of care only

### DESCRIPTION OF CASE FINDING

Patients with a call or visit to primary care (General Internal Medicine, Pediatrics, Family Practice, Urgent Care) for cold symptoms

Data will be collected through medical record review. Patients are identified from schedules, phone logs, or computer runs for the target month. A minimum of 20 charts per month per medical group is recommended.

Suggested data collection time frame is monthly.

### DENOMINATOR SAMPLING FRAME

Patients associated with provider

### DENOMINATOR (INDEX) EVENT

Clinical Condition  
Encounter

### DENOMINATOR INCLUSIONS/EXCLUSIONS

#### Inclusions

Number of patients with cold symptoms whose medical records are reviewed\*

\*All patients with an encounter by phone or office visit to primary care with one or more of the following symptoms: cold, cough, sneezing, runny nose, congestion, sniffles (or upper respiratory infection [URI] or viral upper respiratory infection [VURI] noted) as the presenting complaint(s).

#### Exclusions

If the impression and/or discharge diagnosis in the medical record is sinusitis, do NOT include in denominator.

### NUMERATOR INCLUSIONS/EXCLUSIONS

## Inclusions

Number of records with documentation that educational messages and/or materials were given\*

\*Documented is defined as any evidence in the medical record that education or educational materials were provided to the patient or parent or caregiver related to any of the following:

- Prevention of viral upper respiratory infection (VURI)
- Frequency, symptoms, and natural course of VURI
- Treatment recommendations, including comfort measures
- Callback instructions

## Exclusions

Unspecified

## DENOMINATOR TIME WINDOW

Time window is a single point in time

## NUMERATOR TIME WINDOW

Encounter or point in time

## 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 encounters for cold symptoms (phone care and/or office visits) for which there is documentation that educational messages and/or materials were given.

## MEASURE COLLECTION

[Viral Upper Respiratory Infection \(VURI\) in Adults and Children Measures](#)

## DEVELOPER

Institute for Clinical Systems Improvement

## ADAPTATION

Measure was not adapted from another source.

## RELEASE DATE

2004 May

## MEASURE STATUS

This is the current release of the measure.

## SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Viral upper respiratory infection (VURI) in adults and children. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2004 May. 29 p. [67 references]

## MEASURE AVAILABILITY

The individual measure, "Percentage of encounters for cold symptoms (phone care and/or office visits) for which there is documentation that educational messages and/or materials were given," is published in "Health Care Guideline: Viral Upper

Respiratory Infection (VURI) in Adults and Children." 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 August 5, 2004.

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