



Complete Summary

TITLE

Influenza immunization: percent of applicable patients receiving influenza immunizations (home based primary care [HBPC] cohort).

SOURCE(S)

Office of Quality and Performance (10Q). FY2002 VHA performance measurement system. Technical Manual. Washington (DC): Veterans Health Administration (VHA); 2002 Mar 8. 137 p.

Brief Abstract

DESCRIPTION

This measure assesses the percentage of home based primary care patients receiving influenza immunizations.

RATIONALE

Influenza, which frequently causes incapacitating malaise for several days, is responsible for significant morbidity and decreased productivity during epidemics. More than 90% of deaths attributed to pneumonia and influenza in these epidemics occurred among persons aged 65 and older.

PRIMARY CLINICAL COMPONENT

Influenza; immunization

DENOMINATOR DESCRIPTION

Patients who are seen at least once during the study interval and have one additional visit within the past 12 month period with any one of a specified list of care providers (see "Denominator Inclusions/Exclusions" field in this summary) and are either over 49 years of age or have one of the following diagnoses: chronic cardiopulmonary disorder, metabolic disease (including diabetes), hemoglobinopathy, renal dysfunction or immunosuppression, or spinal cord injury. Patients who have a life expectancy that does not lend itself to preventive screening are excluded.

NUMERATOR DESCRIPTION

The number of patients from the denominator who received an influenza immunization during the five-month period September 1st through January 31st

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

Evidence Supporting Need for the Measure

NEED FOR THE MEASURE

Wide variation in quality for the performance measured

EVIDENCE SUPPORTING NEED FOR THE MEASURE

Office of Quality and Performance (10Q). FY2002 VHA performance measurement system. Technical Manual. Washington (DC): Veterans Health Administration (VHA); 2002 Mar 8. 137 p.

State of Use of the Measure

STATE OF USE

Current routine use

CURRENT USE

External oversight/Veterans Health Administration
Internal quality improvement

Application of Measure in its Current Use

CARE SETTING

Ambulatory Care

PROFESSIONALS RESPONSIBLE FOR HEALTH CARE

Unspecified

LOWEST LEVEL OF HEALTH CARE DELIVERY ADDRESSED

Single Health Care Delivery Organizations

TARGET POPULATION AGE

Age greater than 49 years (or younger if clinically indicated [see "Denominator Inclusions/Exclusions" field])

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

Unspecified

BURDEN OF ILLNESS

Influenza has been estimated to cause a yearly average of 4.1-4.4 million excess respiratory illnesses and 16.6-17.9 million excess bed and restricted activity days in persons over 20 years of age.

EVIDENCE FOR BURDEN OF ILLNESS

U.S. Preventive Services Task Force. Guide to clinical preventive services: report of the U.S. Preventive Services Task Force. 2nd ed. Baltimore (MD): Williams & Wilkins; 1996. Adult immunizations including chemoprophylaxis against influenza A. p. 791-814. [202 references]

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

A sample of 40 cases for each facility with a Home Based Primary Care (HBPC) program (based on workload, not Joint Commission on Accreditation of Healthcare Organizations [JCAHO] accreditation) per month or 100%, whichever is lower

DENOMINATOR (INDEX) EVENT

Encounter

DENOMINATOR INCLUSIONS/EXCLUSIONS

Inclusions

All patients who had one visit within the past 12 months in one of the following Decision Support System (DSS) Clinic stop codes:

- Physician
- Registered Nurse (RN)/Registered Nurse Practitioner (RNP)/Physician Assistant (PA)
- Nurse Extender
- Social Worker
- Therapist (prosthetic, body mechanics, safety, etc.)
- Dietitian
- Clinical Pharmacist
- Other (home health aide and other services provided)

All patients older than 49 years of age or patients having any one of the following diagnoses:

- Chronic cardiopulmonary disorder
- Metabolic disease (including diabetes mellitus)
- Hemoglobinopathy
- Renal dysfunction or immunosuppression
- Spinal cord injury

Exclusions

Any of the following exclude the patient from screening for this prevention measure:

- Documented diagnosis of cancer of the esophagus, liver, or pancreas
- Enrolled in a Veterans Health Administration (VHA) or community-based Hospice program
- Documented in the Medical Record a life expectancy less than 6 months

NUMERATOR INCLUSIONS/EXCLUSIONS

Inclusions

Patients meeting denominator criteria in addition to receiving an influenza immunization in the 5-month time period September 1st through January 31st as documented in the medical record by a Current Procedural Terminology (CPT) code 90658 (split virus), 90659 (whole virus) or 90660 (administered intra nasally), or the patient reported receiving an influenza immunization privately (as recorded in a progress note, on a problem list, or a historical event in the Computerized Patient Record System [CPRS])

Exclusions

Unspecified

DENOMINATOR TIME WINDOW

Time window precedes index event

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
Prescriptive standard

PRESCRIPTIVE STANDARD

Fiscal year (FY) 2002 performance measure targets:

- Fully successful: 85%
- Exceptional: 92%

EVIDENCE FOR PRESCRIPTIVE STANDARD

Office of Quality and Performance (10Q). FY2002 VHA performance measurement system. Technical Manual. Washington (DC): Veterans Health Administration (VHA); 2002 Mar 8. 137 p.

Evaluation of Measure Properties

EXTENT OF MEASURE TESTING

Unspecified

Identifying Information

ORIGINAL TITLE

Immunizations-influenza (home based primary care [HBPC]).

MEASURE COLLECTION

[Fiscal Year \(FY\) 2002: Veterans Health Administration \(VHA\) Performance Measurement System](#)

MEASURE SET NAME

[Preventive Care](#)

DEVELOPER

Veterans Health Administration

ADAPTATION

Measure was not adapted from another source.

RELEASE DATE

2001 Nov

REVISION DATE

2002 Mar

MEASURE STATUS

Please note: This measure has been updated. The National Quality Measures Clearinghouse is working to update this summary.

SOURCE(S)

Office of Quality and Performance (10Q). FY2002 VHA performance measurement system. Technical Manual. Washington (DC): Veterans Health Administration (VHA); 2002 Mar 8. 137 p.

MEASURE AVAILABILITY

The individual measure, "Immunizations-Influenza (Home Based Primary Care [HBPC])," is published in "FY 2002 VHA Performance Measurement System: Technical Manual."

For more information, contact Department of Veterans Affairs, Office of Quality and Performance 10Q, ATTN: Stanlie Daniels, Bonny Collins, and or Lynnette Nilan. E-mail: stanlie.daniels@hq.med.va.gov or bonny.collins@hq.med.va.gov or lynette.nilan@hq.med.va.gov

NQMC STATUS

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