

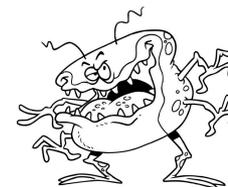


Washington State  
Hospital Association

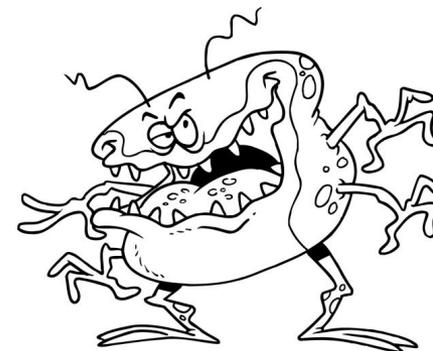


# Influenza Immunization (IMM)

## National Quality/MBQIP Measure



July 9, 2015



# Objective

Understanding the components of IMM, MBQIP measure including

- Patient Population (who),
- Description(what),
- Start Date(when) ,
- Rational (why), and
- Data Abstraction (how)



# Influenza

Influenza activity most often peaks in February, but can peak rarely as early as November and as late as April.

To protect as many people as possible before an increase in influenza occurs, most flu-vaccine is administered from the first part of September through the month of November, but is recommended to be administered throughout the influenza season as well.

The flu vaccine usually first becomes available in September, and health systems can usually meet public and patient needs for vaccination in advance of widespread influenza circulation.

## Rationale (Why)

- 1 in 5 people in the U.S. get influenza every season.
- 226,000 people in the U.S. are hospitalized with complications.
- Between 3,000 and 49,000 die from influenza and its complications.
- Combined with pneumonia, influenza is the nation's 8<sup>th</sup> leading cause of death.
- Up to two thirds of all deaths attributable to pneumonia and influenza occur in the populations of patients that have been hospitalized during flu season, regardless of age.

## Rationale (Why)

- The Advisory Committee on Immunization Practices (ACIP) recommends seasonal influenza vaccination for all persons 6 months of age and older because vaccination is associated with reduction in influenza among all age groups.
- The vaccine is the most effective method for preventing influenza virus infection and the potential severe complications.
- Screening and vaccination of inpatients is recommended, but hospitalization is an underutilized opportunity to provide vaccination to persons 6 months of age and older.

## Measure Description (What)

This MBQIP prevention measure addresses acute care **hospitalized inpatients**, age 6 months and older, who were screened for seasonal influenza immunization status and were vaccinated prior to discharge if indicated.



## Start Date (When)

October 1<sup>st</sup>, 2015 - data abstraction begins. However, it is recommended to start offering and documenting flu vaccine as early as September 1<sup>st</sup>, 2015.



## Locations (Where)

Acute Care Units in Critical  
Access Hospitals

# Patient Population (Who)

## Excluded Populations:

- Patients less than 6 months of age.
- Patients who expire prior to hospital discharge.
- Patients with an organ transplant during the current hospitalization.
- Patients for whom vaccination was indicated, but supply had not been received by the facility due to problems with vaccination production or distribution.
- Patients who have a LOS > than 120 days.
- Patients who are transferred or discharged to another acute care hospital.
- Patients who leave AMA.

# The Numbers



Numerator: Inpatient discharges who were screened for influenza vaccination status and were vaccinated prior to discharge if indicated.

Denominator: Acute care hospitalized patients age 6 months and older discharged during October, November, December of 2015, and January, February or March of 2016.



# Data Abstraction / Data Collection (How)

Two ways to collect data:

Retrospectively – A review of administrative data and medical record documents for the required data elements at a later time.

Concurrently - Hospitals may prefer to gather data in real time by putting processes in place to identify the appropriate patients point of care or service and whether the goal was met.



# Global Sampling

Global Quarterly Sampling must ensure that its initial patient population and sample size meet the following:

## Quarterly Sample Size Hospital's Measure

| Average quarterly initial patient population size "N" | Minimum required sample size "n"                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| $\geq 1530$                                           | 306                                                                                                                                                                                                                                                                                                             |
| 765 – 1529                                            | 20% of initial patient population size                                                                                                                                                                                                                                                                          |
| 153 – 764                                             | 153                                                                                                                                                                                                                                                                                                             |
| 6 - 152                                               | No sampling: 100% initial patient population required                                                                                                                                                                                                                                                           |
| 0 – 5                                                 | Submission of patient level data is encouraged but not required: <ul style="list-style-type: none"> <li>• CMS: if submission occurs, 1 – 5 cases of the initial patient population may be submitted</li> <li>• The Joint Commission: if submission occurs, 100% initial patient population required.</li> </ul> |

# Global Sampling

Global monthly sampling must ensure that its initial patient population and sample size meet the following:

## Monthly Sample Size Hospital's Measure

| Average monthly initial patient population size "N" | Minimum required sample size "n"                      |
|-----------------------------------------------------|-------------------------------------------------------|
| $\geq 510$                                          | 102                                                   |
| 255 - 509                                           | 20% of initial patient population size                |
| 51 - 254                                            | 51                                                    |
| $< 51$                                              | No sampling; 100% initial patient population required |

## Data Abstraction/Data Collection (How)

- **Discharge Disposition**

- 



- **Influenza Vaccination Status**

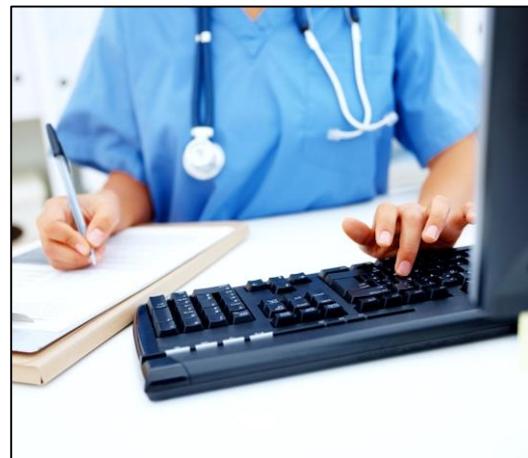
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# Data Abstraction / Data Collection (How)

The following must be documented:

- Patient vaccination status.
- Whether vaccine was given during the hospitalization if appropriate candidate.
- Disposition at discharge.



# Vaccination Status

|   |                                                                                                                                                                                                                                                                                                                                                 |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Influenza vaccine was given during this hospitalization                                                                                                                                                                                                                                                                                         |
| 2 | Influenza vaccine was received prior to admission during the current flu season, not during this hospitalization                                                                                                                                                                                                                                |
| 3 | Documentation of patient's or caregiver's refusal of influenza vaccine                                                                                                                                                                                                                                                                          |
| 4 | There was documentation of an allergy/sensitivity to influenza vaccine, anaphylactic latex allergy <u>or</u> anaphylactic allergy to eggs <u>or</u> is not likely to be effective because of bone marrow transplant within the last 6 months <u>or</u> history of Guillain-Barré syndrome within 6 weeks after a previous influenza vaccination |
| 5 | None of the above/not documented/unable to determine from medical record documentation                                                                                                                                                                                                                                                          |
| 6 | Only select this allowable value if there is documentation that vaccine has been ordered but has not yet been received by the hospital due to problems with vaccine production or distribution AND allowable values 1 – 5 are not selected.                                                                                                     |

# Acceptable Vaccination for Inclusion in Abstraction

- Afluria
- FluMist
- FluLaval
- Flu shot
- Flu vaccine
- Fluarix
- Fluvirin
- Fluzone
- Fluzone High Dose
- Influenza virus vaccine
- Trivalent influenza vaccine

# Determining Discharge Disposition

**Discharge Disposition** = The final place or setting to which the patient was discharged on the day of discharge.

|   |                                                   |
|---|---------------------------------------------------|
| 1 | Home                                              |
| 2 | Hospice – Home - <b>Exclusion</b>                 |
| 3 | Hospice – Health Care Facility - <b>Exclusion</b> |
| 4 | Acute Care Facility - <b>Exclusion</b>            |
| 5 | Other Health Care Facility                        |
| 6 | Expired - <b>Exclusion</b>                        |
| 7 | Left Against Medical Advice - <b>Exclusion</b>    |
| 8 | Not documented or Unable to Determine (UTD)       |

Vaccine Protocol for Inpatients

Influenza Vaccine

ASSESSMENT

Indications for Influenza Vaccine:

- Today's date is in the months of September to March

AND

- Patient is admitted to the hospital

If the above indication(s) are met,  
continue to exclusions below:

Exclusion Criteria for Influenza Vaccine:

- Patient previously immunized this flu season
- Patient refused
- History of Guillian-Barre' syndrome
- Allergy to vaccine
  
- Allergy to egg

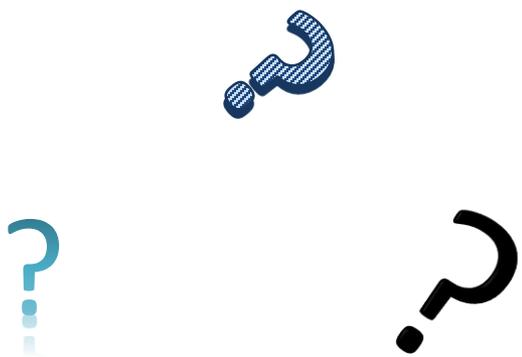
PROTOCOL ORDERS

Patient meets Indications AND has NO Exclusions:

- Inject Influenza Vaccine, 0.5ml IM deltoid

Administered: \_\_\_\_\_ / \_\_\_\_\_  
Date Time

By: \_\_\_\_\_  
RN Initials



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